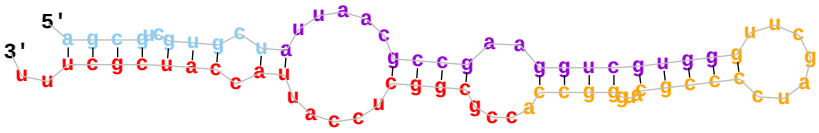
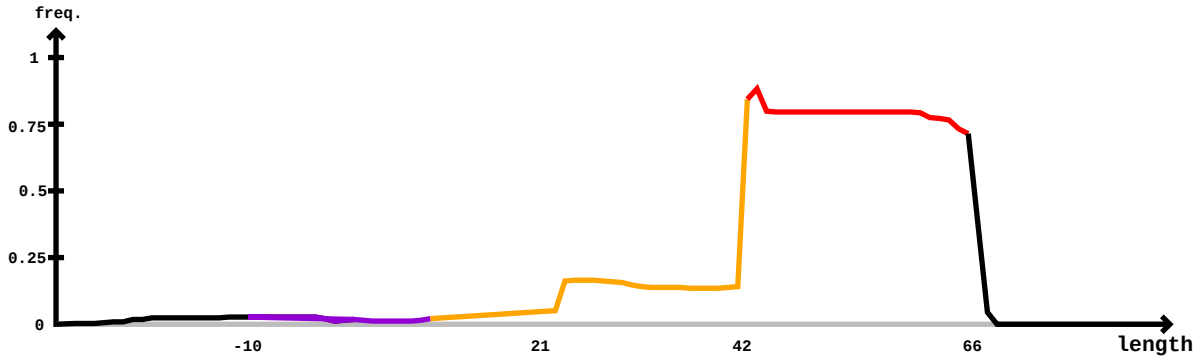
Provisional ID	:	group0_103
Score total	:	0.8
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	312
Mature read count	:	265
Loop read count	:	45
Star read count	:	2





Star **Mature**

```
5'- cauuagcucaguggcuagagcgucgugcuauuaacgccgaaggucgugggguucgaucccccgcaugggccaccgcggcuccauuaccaucgcuuuugccauuuuaaucccuuuuu  -3'   obs
    cauuagcucaguggcuagagcgucgugcuauuaacgccgaaggucgugggguucgaucccccgcaugggccaccgcggcuccauuaccaucgcuuuugccauuuuaaucccuuuuu        exp
    .........((((((.((((((..(((.((.....((((..(((((((((.......)))))...))))....))))).....)).)))))))).))))))..............  reads    mm       sample
    ..........................................................ucgauccccUcaugggccacc.....................................  2        1        c15
    ..............................................................caccgcggcuccauuaccaucgcuuuu.................................  1        0        c15
    ..............................................................accgcggcuccauuaccaucgcuuuuA.................................  1        1        c15
    ............................................................ccgcggcuccauuaccau...........................................  1        0        c15
    ............................................................ccgcggcuccauuaccauc..........................................  3        0        c15
    ............................................................ccgcggcuccauuaccaucgcu.......................................  2        0        c15
    ............................................................ccgcggcuccauuaccaucgcuu......................................  3        0        c15
    ............................................................ccgcggcuccauuacUaucgcuuu.....................................  1        1        c15
    ............................................................cAgcggcuccauuaccaucgcuuu.....................................  1        1        c15
    ............................................................ccgcggcuccauuaccaucgcuuu.....................................  70       0        c15
    ............................................................ccgcggcuccauuaccaucgcuuA.....................................  1        1        c15
    ............................................................ccgcggcuccauuaccaucgcuuuA....................................  1        1        c15
    ............................................................ccgcggcuccauuaccaucgcuuuu....................................  43       0        c15
    ............................................................ccgcggcuccauuaccaucgcuuuuA...................................  1        1        c15
    ............................................................ccgcggcuccauuaccaucgcuuuuU...................................  7        1        c15
    ..........................................................cgcggcuccauuaccaucgcuuu.....................................  11       0        c15
    ..........................................................cgcggcuccauuaccaucgcuuA.....................................  1        1        c15
    ..........................................................cgcggcuccauuaccaucgcuuuu.....................................  6        0        c15
    ..........................................................cgcggcuccauuaccaucgcuuuuA....................................  1        1        c15
    ..........................................................cgcggcuccauuaccaucgcuuuuU....................................  1        1        c15

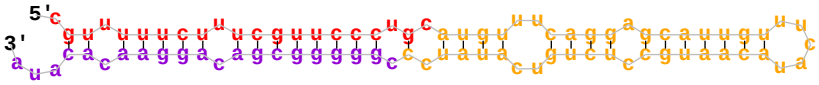
    ......................................aaggucgugggguucgUuccc.....................................................  1        1        c02
    .....................................aggucgugggguucgUucc.......................................................  1        1        c02
    ..........................................................ucgauccccUcaugggccac.....................................  1        1        c02
    ..........................................................ucgauccccUcaugggccacc....................................  4        1        c02
    ..........................................................ucgauccccUcaugggccaccg...................................  1        1        c02
    ............................................................ccgcggcuccauuaccaucU.....................................  1        1        c02
    ............................................................ccgcggcuccauuaccaucgcuu...................................  2        0        c02
    ............................................................ccCcggcuccauuaccaucgcuuu..................................  1        1        c02
    ............................................................ccgcggcuccauuaccaucgcuuC..................................  1        1        c02
    ............................................................ccgcggcuccauuaccaucgcuuu...................................  4        0        c02
    ............................................................ccgcggcuccauuaccaucgcuuuu..................................  2        0        c02
    ..........................................................cgcggcuccauuaccaucgcu.......................................  1        0        c02
```

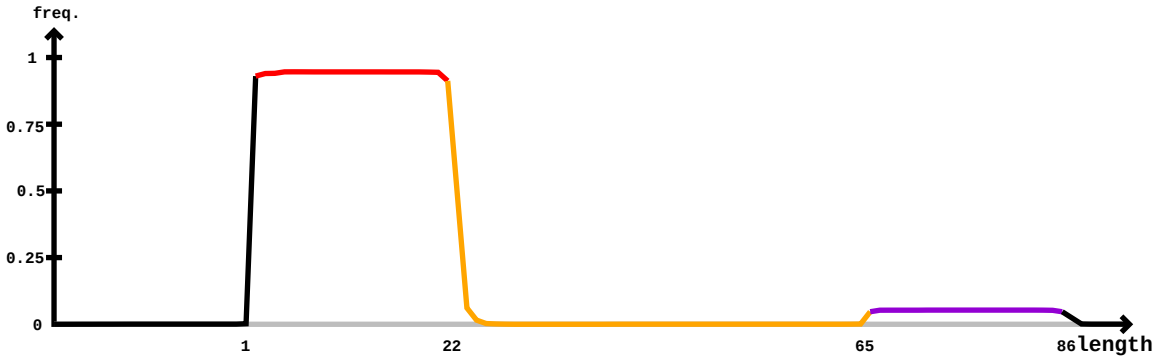
Star **Mature**

cauuagcucaguggcuagagcgucgugcuauuaacgccgaaggucgugggguucgaucccgcaugggccaccgcggcuccauuaccaucgcuuuugccauuuuaaucccuuuuu

.....ucgaucccUcaugggccacc.....	1	1	c04
.....ccgcggcuccauuaccauc.....	1	0	c04
.....ccgcggcuccauuaccaucgc.....	1	0	c04
.....ccgcggcuccauuaccaucgcu.....	1	0	c04
.....ccgcggcuccauuaccaucgcuuu.....	4	0	c04
.....ccgcggcuccauuaccaucgcuuuu.....	1	0	c04
.....cgcggcuccauuaccaucgcuuu.....	2	0	c04
cauuagcucaguggcuagagcgucgu.....	1	0	c16
...uagcucaguggcuagagcgucgugcua.....	1	0	c16
....agcucaguggcuagagcgucgugcuau.....	1	0	c16
......cucaguggcuagagcgucgu.....	1	0	c16
......cucaguggcuagagcUucgug.....	2	1	c16
........caguggcuagagcgucgug.....	1	0	c16
........caguggcuagagcgucgugUu.....	1	1	c16
..............agagcUucgugcuauuaacgccgaaggucguggg.....	1	1	c16
..........Gauuaacgccgaaggucgugggu.....	1	1	c16
..........auuaacgccgaaggucgugg.....	2	0	c16
.....ccgaaggucgCggguucg.....	1	1	c16
.....gaaggucguggguucgaucccc Ucau.....	1	1	c16
.....aaggucguggguucgaucc.....	1	0	c16
.....aaggucguggguucgUuccc.....	1	1	c16
.....gguucgaucccc Ucaugggccac.....	3	1	c16
.....ucgaucccc Ucaugggccacc.....	1	1	c16
.....ucgaucccc gcaugggccaccA.....	1	1	c16
.....ccgcggcuccauuaccauc.....	1	0	c16
.....ccgcggcuccauuaccaucgc.....	1	0	c16
.....ccgcggcuccauuaccaucgcu.....	3	0	c16
.....ccgcggcuccauuaccaucgcuuA.....	1	1	c16
.....ccgcggcuccauuaccaucgcuuu.....	25	0	c16
.....ccgcggcuccauuaccaucgcuuuu.....	8	0	c16
.....ccgcggcuccauuaccaucgcuuuA.....	1	1	c16
.....ccgcggcuccauuaccaucgcuuuuA.....	2	1	c16
.....ccgcggcuccauuaccaucgcuuuug.....	1	0	c16
.....cgcggcuccauuaccaucgcuuu.....	2	0	c16
.....cgcggcuccauuaccaucgcuuuu.....	1	0	c16
.....cggcuccauuaccaucgcuuu.....	1	0	c16
.....cgaaggucguAgguucga.....	1	1	c09
.....cgaaggucgAggguucgau.....	1	1	c09
.....gaaggucguggguucgUuc.....	1	1	c09
.....aaggucguggguucgaGcc.....	1	1	c09
.....aaggucguggguucgUucccc.....	1	1	c09
.....guucgaucccc Ucaugggccacc.....	1	1	c09
.....uucgaucccc Ucaugggccac.....	1	1	c09
.....ucgaucccc Ucaugggccac.....	8	1	c09
.....ucgaucccc Ucaugggccacc.....	19	1	c09
.....cgaucccc Ucaugggccac.....	1	1	c09
.....aucccc Ucaugggccacc.....	1	1	c09
.....ccgcggcuccauuaccauc.....	1	0	c09
.....ccgcggcuccauuaccaucgcu.....	3	0	c09
.....ccgcggcuccauuaccaucgcuu.....	1	0	c09
.....ccgcggcuccauuaccaucgcuuu.....	26	0	c09
.....Ucgcggcuccauuaccaucgcuuu.....	1	1	c09
.....ccgcggcuccauuaccCucgcuuu.....	1	1	c09
.....ccgcggcuccauuaccaucgcuuC.....	1	1	c09
.....ccgcggcuccauuaccaucgcuuuA.....	1	1	c09
.....ccgcggcuccauuaccaucgcuuuu.....	2	0	c09
.....ccgcggcuccauuaccaucgcuuuGg.....	1	1	c09
.....cgcggcuccauuaccaucgcu.....	1	0	c09
.....Ccggcuccauuaccaucgcuuu.....	1	1	c09

Provisional ID	:	group0_1049
Score total	:	5666.4
Score for star read(s)	:	3.9
Score for read counts	:	5656.1
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	11106
Mature read count	:	10516
Loop read count	:	3
Star read count	:	587





Mature **Star**

```
5'- aagcauuuggugugguuguacguuuuucuuucguucccugcauguuucaggagcauuguuucauacaaugccucugucauauucccgggggcgacaggaacacauauaacau  -3'   obs
    aagcauuuggugugguuguacguuuuucuuucguucccugcauguuucaggagcauuguuucauacaaugccucugucauauucccgggggcgacaggaacacauauaacau        exp
    ..........(((((((((.((.(((((.(((((((((.(.((((..((((.(((((((.....)))))))..))))..))))).).)))))))).))))))..)).)))))))))  reads     mm        sample
    ..................cguuuuucuuucguucccugc.....................................................................................  1         0         c04

    ..................acguuuuucuuucguucccug.....................................................................................  1         0         c16
    ..................cguuuuucuuucguuccccu.....................................................................................  8         0         c16
    ..................cguuuuucuuucCuucccug.....................................................................................  1         1         c16
    ..................cguuuuucuuucguucccCg.....................................................................................  2         1         c16
    ..................cguuuuucuuucguucccug.....................................................................................  194       0         c16
    ..................cguuuuucGuucguucccug.....................................................................................  1         1         c16
    ..................cCuuuuucuuucguucccug.....................................................................................  1         1         c16
    ..................cguuuuucuuucguAcccug.....................................................................................  1         1         c16
    ..................cguuCuucuuucguucccug.....................................................................................  1         1         c16
    ..................cguuuuucuuucguucAcug.....................................................................................  1         1         c16
    ..................cguuuuucuuucguuccAug.....................................................................................  2         1         c16
    ..................cguuuuucCuucguucccugc....................................................................................  1         1         c16
    ..................cCuuuuucuuucguucccugc....................................................................................  1         1         c16
    ..................cguuuuucuuuucgAucccugc...................................................................................  1         1         c16
    ..................cguuuuucuuuucguCcccugc...................................................................................  1         1         c16
    ..................cguuuuucuuuucguucccugc...................................................................................  341       0         c16
    ..................cguAuuucuuucguucccugc....................................................................................  1         1         c16
    ..................cguuuuucuuuAguucccugc....................................................................................  1         1         c16
    ..................cguuuuucuuucguuccGugc....................................................................................  1         1         c16
    ..................cguuuuucuuucguuAccugc....................................................................................  1         1         c16
    ..................cguuuuucuuucguucccgU.....................................................................................  116       1         c16
    ..................cguuuuucuuucguucccgG.....................................................................................  1         1         c16
    ..................cguuuuAcuuucguucccugc....................................................................................  1         1         c16
    ..................cguuuuucuuucguucccAgca...................................................................................  1         1         c16
    ..................cguuuuucuuuucguAcccugca..................................................................................  1         1         c16
    ..................cguuuuucuuuAguucccugca...................................................................................  1         1         c16
    ..................cguuuuucuuucguucccugcC...................................................................................  1         1         c16
    ..................cguuuuucuuucguucUcugca....................................................................................  1         1         c16
    ..................cguuuuucuuucguucccugca...................................................................................  119       0         c16
    ..................cguuuuucuuucguucccugcU...................................................................................  61        1         c16
    ..................cguuuuucuuucguucccugUa...................................................................................  4         1         c16
```

Mature Star

aagcauuuggugugguuguacguuuuucuuucguucccugcauguuucaggagcauuguuucauacaaugccucugucauauccgggggcgacaggaacacauauaacau 1 1 c16
.....cguuuuucuAucguucccugcau..... 1 1 c16
.....cguuuuucuuucguucccugcaA..... 2 1 c16
.....cguuuuucuuucguucccugcUu..... 9 1 c16
.....cguuuuucuuucguucccugcau..... 21 0 c16
.....cguuuuucuuucguucccugcaC..... 3 1 c16
.....cguuuuucuuucguucccugcauA..... 2 1 c16
.....cguuuuucuuucguucccugcauU..... 4 1 c16
.....cguuuuucuuucguucccugcauUuuu..... 1 1 c16
.....guuuuucuuucguucccugc..... 3 0 c16
.....guuuuucuuucguucccugcU..... 2 1 c16
.....guuuuucuuucguucccugca..... 1 0 c16
.....uuuuucuuucguucccugc..... 2 0 c16
.....Guuucuuucguucccugc..... 1 1 c16
.....uuuucuuucguucccugU..... 5 1 c16
.....uuuucuuucguucccugc..... 24 0 c16
.....uuuucuuucguucccugca..... 8 0 c16
.....uuuucuuucguucccugcU..... 3 1 c16
.....uuuucuuucguucccugcUu..... 1 1 c16
.....uuuucuuucguucccugcau..... 2 0 c16
.....uuuucuuucguucccugcauU..... 1 1 c16
.....uuucuuucguucccugcU..... 1 1 c16
.....cgggggcgacaggaacac..... 1 0 c16
.....cgggggcgacaggaacacau..... 1 0 c16

.....cguuuuucuuucguucccug..... 1 0 c09
.....cguuuuucuuucguucccugc..... 4 0 c09
.....cguuuuucuuucguucccugca..... 1 0 c09

.agcauuuggugugguuguacgu..... 1 0 c02
.....cguuuuucuuucguucccu..... 1 0 c02
.....cguuuuucuuucguucccug..... 37 0 c02
.....cguuuuucuuucguucccuU..... 1 1 c02
.....cguuuuucuuucguucccugc..... 74 0 c02
.....cguuuuuAuuucguucccugc..... 1 1 c02
.....cguuuAucuuucguucccugc..... 1 1 c02
.....cguuuuucuuucguucccugA..... 1 1 c02
.....cguuuuucuuucguucccugU..... 24 1 c02
.....cguuuuucuuuAguucccugc..... 1 1 c02
.....cguuuuucuuucguucccugca..... 7 0 c02
.....cguuuuucuuucguucccugcU..... 5 1 c02
.....cguuuuucuuucguucccugUau..... 1 1 c02
.....cguuuuucuuucguucccugcau..... 2 0 c02
.....uuuuucuuucguucccug..... 1 0 c02
.....Guuuucuuucguucccugc..... 1 1 c02
.....uuuuucuuucguucccugc..... 2 0 c02
.....uuuucuuucguucccugc..... 8 0 c02
.....uuuucuuucguucccugU..... 1 1 c02
.....uuuucuuucguucccugca..... 1 0 c02
.....uuuucuuucguucccugcauU..... 1 1 c02

aagcauuuggugugguuguacU..... 1 1 c15
...cauuuggugugguuguacguuu..... 1 0 c15
.....uuuggugugguuguacguuuu..... 2 0 c15
......uuggugugguuguacguuuuucuuucgu..... 1 0 c15
.....acguuuuucuuucguucccug..... 1 0 c15
.....Ccguuuuucuuucguucccugc..... 6 1 c15
.....acguuuuucuuucguucccugc..... 7 0 c15
.....Ccguuuuucuuucguucccugca..... 1 1 c15
.....cguuuuucuuucguuccc..... 5 0 c15
.....cguuuuucuuuUguuccc..... 2 1 c15
.....cguuuuucuuucguucccu..... 1 0 c15
.....cguuuuucuuucguucccuA..... 10 1 c15
.....cguuuuucuuucguucccuC..... 1 1 c15
.....cguuuuucuuucguucccug..... 99 0 c15
.....cguuuuucuuucguucccuU..... 1 1 c15
.....cguCuuucuuucguucccugc..... 1 1 c15
.....cguuuuucuuucguucccuAc..... 69 1 c15
.....cguuAuucuuucguucccugc..... 1 1 c15
.....cguuuuucuuAcguucccugc..... 1 1 c15
.....cguuuuucuuucguuGccugc..... 1 1 c15

Mature Star

aagcauuuggugugguuguacguuuuucuuucguucccugcauguuucaggagcauuguuucauacaaugccucugucauaucccgggggcgacaggaacacauauaacau

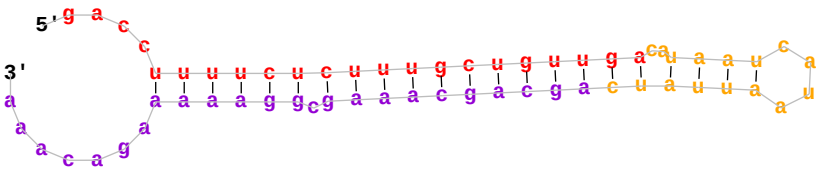
.....cguuuuucuuucgAucccugc.....	2	1	c15
.....cUuuuuucuuucguucccugc.....	1	1	c15
.....cguuuuucuuucguucccugG.....	5	1	c15
.....cguuuuucuuucguuccAugc.....	1	1	c15
.....cguuuuucuuucguAcccugc.....	2	1	c15
.....cguuuuucuuucguuccUugc.....	2	1	c15
.....cguuuuucuuucguucccAgc.....	1	1	c15
.....cguuuuucuuuUguucccugc.....	3	1	c15
.....cguuuuucuuucguuUccugc.....	1	1	c15
.....cguuuuucuuucguucccuUc.....	4	1	c15
.....cgGuuuucuuucguucccugc.....	1	1	c15
.....cguuuuucuuucgGucccugc.....	1	1	c15
.....cguuCuucuuucguucccugc.....	2	1	c15
.....Aguuuuucuuucguucccugc.....	1	1	c15
.....cguuuuuGuuucguucccugc.....	1	1	c15
.....cguuuuucuuucgCucccugc.....	3	1	c15
.....cguuuuucuuucguucAcugc.....	3	1	c15
.....cguuuuucuuCcguucccugc.....	2	1	c15
.....cgCuuuucuuucguucccugc.....	4	1	c15
.....cguuuuucuAucguucccugc.....	1	1	c15
.....cguuuuucGuucguucccugc.....	2	1	c15
.....cAuuuuucuuucguucccugc.....	3	1	c15
.....Uguuuuucuuucguucccugc.....	4	1	c15
.....cguuuGucuuucguucccugc.....	5	1	c15
.....cguuuCucuuucguucccugc.....	3	1	c15
.....cguuuuCcuuucguucccugc.....	1	1	c15
.....cguuuAucuuucguucccugc.....	1	1	c15
.....Gguuuuucuuucguucccugc.....	1	1	c15
.....cguuuuucuuucguucccugc.....	6304	0	c15
.....cguuuuucuuucguucccGgc.....	4	1	c15
.....cguuuuuAuuucguucccugc.....	1	1	c15
.....cguuuuucuuucguucccugA.....	71	1	c15
.....cguuuuuUuuucguucccugc.....	3	1	c15
.....cguuuuucuuucguucccugU.....	282	1	c15
.....cguuuuucuuucUuucccugc.....	2	1	c15
.....cgAuuuucuuucguucccugc.....	1	1	c15
.....cguuuuucuuuGguucccugc.....	1	1	c15
.....cguuuuucAuucguucccugc.....	2	1	c15
.....cguuuuucuuucAuucccugc.....	4	1	c15
.....cguuuuucuuucguucccCgc.....	4	1	c15
.....cguuuuucuCucguucccugc.....	1	1	c15
.....cguuuuucuuucguucUcugc.....	3	1	c15
.....cgAuuuucuuucguucccugca.....	1	1	c15
.....cguuuuucuuucAuucccugca.....	1	1	c15
.....cguuuuucuuucguucccAgca.....	1	1	c15
.....cguuuuucuuucguucccugcC.....	13	1	c15
.....cguuuAucuuucguucccugca.....	1	1	c15
.....cguuuuucuuuUguucccugca.....	1	1	c15
.....cguuuuucuuucguucAcugca.....	1	1	c15
.....cguuuuucuuucguucUcugca.....	1	1	c15
.....cguuuuucuuucguucccuCca.....	1	1	c15
.....cguuuuucuuucguucccugUa.....	28	1	c15
.....Aguuuuucuuucguucccugca.....	1	1	c15
.....cguuuuucuuucguucccugAa.....	3	1	c15
.....cguuuuucuuucguucccuAca.....	2	1	c15
.....cguuuuucuuucguucccugca.....	661	0	c15
.....cguuuuucuuucguucccugcG.....	6	1	c15
.....Uguuuuucuuucguucccugca.....	1	1	c15
.....cguuuuucuuucguucccugcU.....	974	1	c15
.....cguuuuucuuucguucccugcaA.....	40	1	c15
.....cguuuuucuuucguucccugcau.....	192	0	c15
.....cguuuuucuuucguucccugcaC.....	5	1	c15
.....cguuuuucuuucguucccugUau.....	8	1	c15
.....cguuuuucuuucguucccugcUu.....	211	1	c15
.....cguuuuucuuucguucccugcGu.....	1	1	c15
.....cguuuuucuuucguucccugcauC.....	2	1	c15
.....cguuuuucuuucguucccugcauA.....	9	1	c15
.....cguuuuucuuucguucccugcauU.....	119	1	c15
.....cguuuuucuuucguucccugcauCu.....	1	1	c15
.....cguuuuucuuucguucccugcauAu.....	4	1	c15

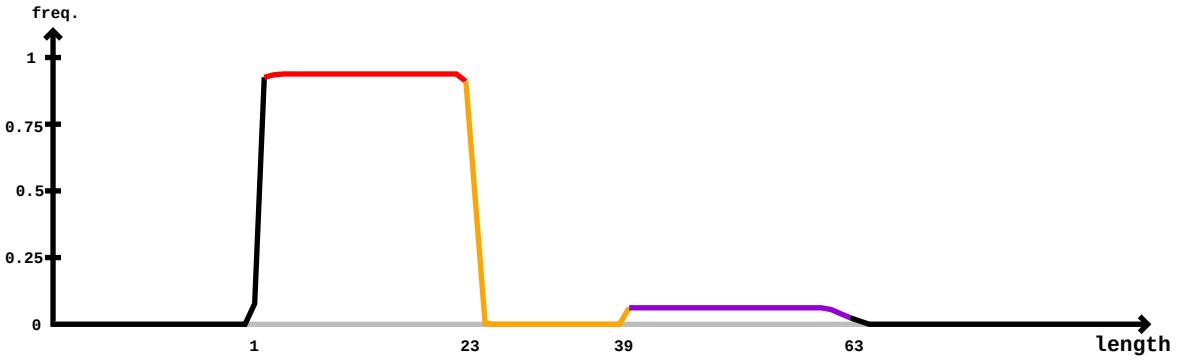
Mature Star

aagcauuuggugugguuguacguuuuucuuucguucccugcauguuucaggagcauuguuucauacaaugccucugucauaucccgggggcgacaggaacacauauaacau

..................cguuuuucuuucguucccugcauUu.....	12	1	c15
..................cguuuuucuuucguucccugcauAuu.....	1	1	c15
..................cguuuuucuuucguucccugcauUuu.....	8	1	c15
..................cguuuuucuuucguucccugcauUuuu.....	2	1	c15
..................cguuuuucuuucguucccugcauAuuu.....	1	1	c15
..................guuuuucuuucguucccugA.....	1	1	c15
..................guuuuucuuucguucccugc.....	59	0	c15
..................guuuuucuuucguucccugU.....	9	1	c15
..................guuuuucuuucguucccugcU.....	13	1	c15
..................guuuuucuuucguucccugca.....	10	0	c15
..................guuuuucuuucguucccugcUu.....	1	1	c15
..................guuuuucuuucguucccugcau.....	5	0	c15
..................guuuuucuuucguucccugcauU.....	4	1	c15
..................Guuuuucuuucguucccugc.....	1	1	c15
..................uuuuucuuucguucccugcU.....	1	1	c15
..................uuuuucuuucguucccugcUu.....	1	1	c15
..................uuuucuuucguucccugc.....	3	0	c15
..................uuuucuuucguucccugcU.....	1	1	c15
..................uuuucuuucguucccugcau.....	1	0	c15
..................uuuucuuucguucccugcauA.....	1	1	c15
...................uuucuuucguucccugcUu.....	1	1	c15
....guuucauacaaugccucuguc.....	1	0	c15
....guuucauacaaugccucugucauaucc.....	1	0	c15
....uuucauacUaugccucugucauaucc.....	1	1	c15
....cccgggggcgacaggaacac.....	1	0	c15
....cccgggggcgacaggaacaca.....	1	0	c15
....cccgggggcgacaggaacacaua.....	1	0	c15
....ccgggggcgacaggaacacaua.....	4	0	c15
....cGgggggcgacaggaacacaua.....	1	1	c15
....cgggggcgacaggaacac.....	1	0	c15
....cgggggcgacaggaacaca.....	5	0	c15
....cgggggcgacaggaacacUu.....	1	1	c15
....cgggggcgacaggaacacGu.....	2	1	c15
....cgggggcgacaggaacacau.....	53	0	c15
....cgggggcgacagUaacacau.....	1	1	c15
....cgggggcgacaggaacacaA.....	1	1	c15
....Uggggggcgacaggaacacaua.....	1	1	c15
....cgggggcgacaggaacacauU.....	22	1	c15
....cgggggcgacaggaacacaua.....	343	0	c15
....cgggggcgacaggaacacaCa.....	1	1	c15
....cggggUcgacaggaacacaua.....	1	1	c15
....cgggggcgacaggaacacGua.....	9	1	c15
....cggggAcgacaggaacacaua.....	1	1	c15
....cgggggcgacaggaacacauaA.....	14	1	c15
....cgggggcgacaggaacacGuau.....	5	1	c15
....Uggggggcgacaggaacacauau.....	1	1	c15
....cUggggcgacaggaacacauau.....	1	1	c15
....cgggggcgacaggaacacauau.....	38	0	c15
....cgggggcgacaggaacacauUu.....	5	1	c15
....cgggggcgacaggaacacauauU.....	4	1	c15
....cgggggcgacaggaacacauaAa.....	1	1	c15
....cgggggcgacaggaacacauaua.....	1	0	c15
....cgggggcgacaggaacacauaAaa.....	1	1	c15
....ggggggcgacaggaacacau.....	1	0	c15
....Uggggcgacaggaacacaua.....	1	1	c15
....ggggggcgacaggaacacaua.....	57	0	c15
....ggggggcgacaggaacacGuau.....	1	1	c15
....ggggggcgacaggaacacauau.....	2	0	c15
....ggggggcgacaggaacacauauU.....	1	1	c15
....ggggcgacaggaacacauaA.....	1	1	c15
....cgacaggaacacauauaacau	4	0	c15

Provisional ID	:	group0_1167
Score total	:	169.2
Score for star read(s)	:	3.9
Score for read counts	:	159.2
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	324
Mature read count	:	304
Loop read count	:	0
Star read count	:	20





Mature **Star**

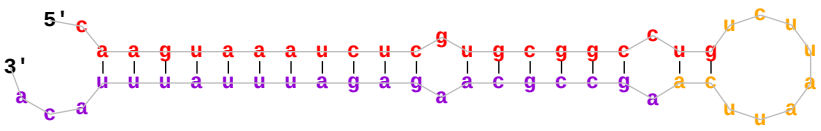
```
5'- gaggaaguucucauaaaggagaccuuuucucuuugcuguugacauaaucauaauuaucagcagcaaagcggaaaaagacaaauuuauggagaacuuucgcuucuaucuucug  -3'   obs
    gaggaaguucucauaaaggagaccuuuucucuuugcuguugacauaaucauaauuaucagcagcaaagcggaaaaagacaauuuauggagaacuuucgcuucuaucuucug        exp
    ..(((((((((((((((.......(((((((((((((((((..((((....))))))))))))))))).))))))........))))).)))))))).............  reads     mm        sample
    .....................accuuuucucuuugcuguugac.....................................................................  1         0         c04

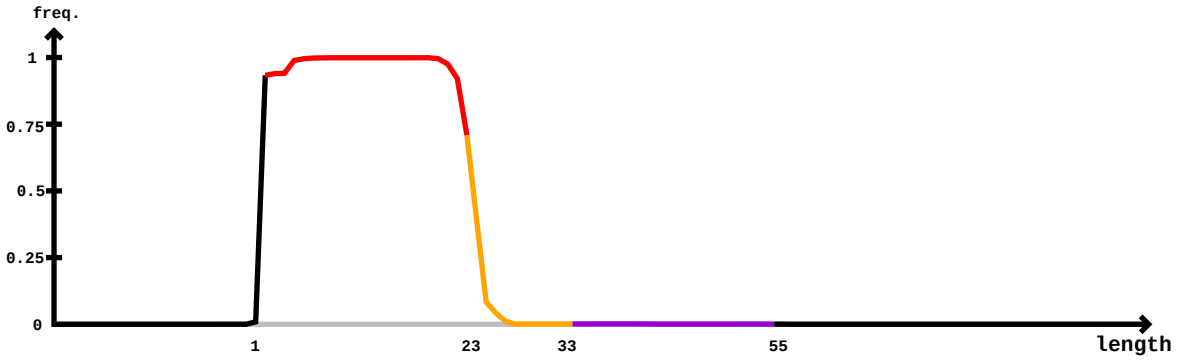
    .....................gaccuuuucucuuugcuguuga.....................................................................  1         0         c09

    .....................agaccuuuucucuuugcuguuga.....................................................................  25        0         c15
    .....................gaccuuuucucuuugcuguug.....................................................................  9         0         c15
    .....................gaccuuuucucuuugcuAuuga.....................................................................  1         1         c15
    .....................gaccGuuucucuuugcuguuga.....................................................................  1         1         c15
    .....................gGccuuuucucuuugcuguuga.....................................................................  2         1         c15
    .....................gaccuuuucucuuugcuguuAa.....................................................................  1         1         c15
    .....................gaccuuuucucuuugcuguuga.....................................................................  240       0         c15
    .....................gaccuuuucucuuugcuguugU.....................................................................  2         1         c15
    .....................Uaccuuuucucuuugcuguuga.....................................................................  2         1         c15
    .....................gaccuuuucucuuugcuguugac.....................................................................  11        0         c15
    .....................gaccuuuucucuuugcuguugaA.....................................................................  2         1         c15
    .....................gaccuuuucucuuugcuguugacC.....................................................................  1         1         c15
    ......................accuuuucucuuugcuguuga.....................................................................  2         0         c15
    .......................ccuuuucucuuugcuguugac.....................................................................  1         0         c15
    ..........................................................agcagcaaagcggaaaaagac.....................................  2         0         c15
    ..........................................................agcagcaaagcggaaaaagaca....................................  5         0         c15
    ..........................................................agcagcaaagcggaaaaagacaa...................................  4         0         c15
    ..........................................................Ggcagcaaagcggaaaaagacaa...................................  1         1         c15
    ..........................................................agcagcaaagcggaaaaGgacaaa..................................  1         1         c15
    ..........................................................agcagcaaagcggaaaaagacaaa..................................  7         0         c15

    .....................gaccuuuucucuuugcuguugac.....................................................................  2         0         c02
```

Provisional ID	:	group0_1265
Score total	:	28198.3
Score for star read(s)	:	3.9
Score for read counts	:	28187.8
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	55301
Mature read count	:	55260
Loop read count	:	0
Star read count	:	41





Mature **Star**

```
5'- aagucgauuuaccgucgacacaaguaaaucucgugcggccgucuuaaauucaagccgcaagagauuuauuuacaucgaugguaaaagaacaucuguuauuaccggcuacgua  -3'   obs
    aagucgauuuaccgucgacacaaguaaaucucgugcggccgucuuaaauucaagccgcaagagauuuauuuacaucgaugguaaaagaacaucuguuauuaccggcuacgua        exp
    .(((((.(((((((((((...(((((((((((.(((((((.((........)).)))))))..)))))))))))...)))))))))))..(((....)))).....)))))..... reads     mm      sample
    ..................acaaguaaaucucgugcggc..................................................................... 1         0       c15
    ..................acaaguaaaucucgugcggccA................................................................... 1         1       c15
    ..................acaaguaaaucucgugcggccugA................................................................. 1         1       c15
    ..................acaaguaaaucucgugcggccuAu................................................................. 1         1       c15
    ..................acaaguaaaucucgugcggccuguU................................................................ 1         1       c15
    ..................acaaguaaaucucgugcggccuguUu............................................................... 1         1       c15
    ..................caaguaaaucucgugcggcc..................................................................... 2         0       c15
    ..................caaguaaaucucgugcggccu.................................................................... 9         0       c15
    ..................caaguaaaucucgugcggccuU................................................................... 3         1       c15
    ..................caaguaaaucucgugcggccug................................................................... 4         0       c15
    ..................caaguaaaucucgugcggccugA.................................................................. 2         1       c15
    ..................caaguaaaucucgugcggccugC.................................................................. 1         1       c15
    ..................caaguaaaucucgugcggccuUu.................................................................. 1         1       c15
    ..................caaguaaaucucgugcggccugu................................................................... 1         0       c15
    ..................caaguaaaucucgugcggccuguc.................................................................. 1         0       c15
    ..................caaguaaaucucgugcggccuguU.................................................................. 6         1       c15
    ..................caaguaaaucucgugcggccuguUu................................................................. 6         1       c15
    ..................caaguaaaucucgugcggccugucu.................................................................. 1         0       c15
    ..................caaguaaaucucgugcggccuguAuu................................................................ 1         1       c15
    ..................caaguaaaucucgugcggccuguUuu................................................................ 1         1       c15
    ..........................................................agccgcaagagauuuauuua.............................. 1         0       c15
    ..........................................................agccgcaagagauuuauuuac............................. 2         0       c15
    ..........................................................agccgcaagagauuuauuuaca............................ 5         0       c15

    ..................aGacaaguaaaucucgugcggccug................................................................ 1         1       c02
    ..................acaaguaaaucucgugcgg...................................................................... 7         0       c02
    ..................acaaguaaaucucguUcgg...................................................................... 1         1       c02
    ..................Ccaaguaaaucucgugcgg...................................................................... 3         1       c02
    ..................Ccaaguaaaucucgugcggc..................................................................... 1         1       c02
    ..................acaaguaaaucucgugcggc..................................................................... 12        0       c02
    ..................acaaguaaaucucgAgcggc..................................................................... 1         1       c02
    ..................Ccaaguaaaucucgugcggcc.................................................................... 9         1       c02
    ..................acaaguaaaucucgugcggcc.................................................................... 30        0       c02
```

Mature Star

aagucgauuuaccgucgacacaaguaaaucucgugcggccugucuuaauucaagccgcaagagauuuauuuacaucgaugguaaaagaacaucuguuauuaccggcuacgua

.....acaaguaaaucucUugcggcc.....	1	1	c02
.....acaagAaaaucucgugcggccu.....	1	1	c02
.....acaaguaaaucucgugcggccu.....	48	0	c02
.....Ccaaguaaaucucgugcggccu.....	6	1	c02
.....acaaguaaaucucgugcggcAu.....	1	1	c02
.....acaaguaaaucucgugcggccuU.....	2	1	c02
.....acaaguaaaucucgugcggccug.....	11	0	c02
.....Ccaaguaaaucucgugcggccug.....	3	1	c02
.....acaaguaaaucucgugcggccugu.....	8	0	c02
.....acaaguaaaucucgugcggccugG.....	1	1	c02
.....acaaguaaaucucgugcggccuUu.....	3	1	c02
.....Ccaaguaaaucucgugcggccugu.....	1	1	c02
.....acaaguaaaucucgugcCgccugu.....	1	1	c02
.....caaguaaaucucAugcgg.....	1	1	c02
.....caaguaaaucucgugcgg.....	75	0	c02
.....caaCuaaaucucgugcgg.....	1	1	c02
.....caaguaaaucucguUcgg.....	1	1	c02
.....caaguaaaucuAgugcgg.....	1	1	c02
.....caaguaaaucuAgugcggc.....	2	1	c02
.....caaguaaaucucgugcUgc.....	4	1	c02
.....caaguaaCucucgugcggc.....	2	1	c02
.....caagAaaaucucgugcggc.....	1	1	c02
.....caaguaaaucucgugcggc.....	519	0	c02
.....caaguaaaucucgAgcggc.....	2	1	c02
.....caaguaaaAcucgugcggc.....	1	1	c02
.....caaguaaaucucgugcggA.....	2	1	c02
.....caaguaaaucucgugcAgc.....	1	1	c02
.....caaguaaaucucgugAggc.....	3	1	c02
.....caaguaaaucucgugcggU.....	4	1	c02
.....caGguaaaucucgugcggc.....	1	1	c02
.....caaguaaaucCcgugcggcc.....	1	1	c02
.....caaguaaaucucCugcggcc.....	2	1	c02
.....caaguaaaucucgugAggcc.....	6	1	c02
.....caaguGaaucucgugcggcc.....	1	1	c02
.....caaguaaaucucgugcUgcc.....	2	1	c02
.....caaguaaaucucgugcCgcc.....	2	1	c02
.....caaguaaaucucgCgcggcc.....	1	1	c02
.....cUaguaaaucucgugcggcc.....	1	1	c02
.....caaguaaaucucguUcggcc.....	5	1	c02
.....caaguaaaucucgugcggcc.....	1346	0	c02
.....caaguaaaucucgugcggGc.....	1	1	c02
.....caaguaaaucucgugcggcU.....	1	1	c02
.....Uaaguaaaucucgugcggcc.....	1	1	c02
.....caaguaaaucucgugcggUc.....	1	1	c02
.....caaguaaaucucguCcggcc.....	2	1	c02
.....caaguaaaucucgugcgUcc.....	2	1	c02
.....caaguaaaucucgAgcggcc.....	1	1	c02
.....caaguaaaucuAgugcggcc.....	7	1	c02
.....caaguaaaucucgugcgCcc.....	1	1	c02
.....caaguaaCucucgugcggcc.....	2	1	c02
.....caaguaaaucucgugcggAc.....	5	1	c02
.....caaguaaaCcucgugcggcc.....	1	1	c02
.....caaguaaaucucAugcggcc.....	4	1	c02
.....caaguaaaGcucgugcggcc.....	1	1	c02
.....caagAaaaucucgugcggcc.....	1	1	c02
.....caaguaaaucucgugcggcA.....	1	1	c02
.....caaguaUaucucgugcggcc.....	1	1	c02
.....caaguaCaucucgugcggccu.....	1	1	c02
.....caaguaaaucucgAgcggccu.....	2	1	c02
.....caaguaaaaGucgugcggccu.....	2	1	c02
.....caaguaaaucGcgugcggccu.....	1	1	c02
.....caaguaaaucucgugAggccu.....	13	1	c02
.....caagAaaaucucgugcggccu.....	5	1	c02
.....caaguaaauUucgugcggccu.....	2	1	c02
.....caaguaaauAucgugcggccu.....	6	1	c02
.....caaguaaaucucgCgcggccu.....	3	1	c02
.....caaguaaaucucgugGggccu.....	1	1	c02
.....caaguaaaucucgugcggUcu.....	4	1	c02
.....caaguaaaucucgugcggcGu.....	1	1	c02
.....caaguaaCucucgugcggccu.....	18	1	c02

Mature Star

aagucgauuuaccgucgacacaaguaaaucucgugcggccugucuuaauucaagccgcaagagauuuauuuacaucgaugguaaaagaacaucuguuauuaccggcuacgua

.....caaguGaaucucgugcggccu..... 1 1 c02

.....caaguaaaucucgugcggcUu..... 1 1 c02

.....caaguaaaucucgugcgUccu..... 1 1 c02

.....caaguaaaucucgugUggccu..... 3 1 c02

.....caaCuaaaucucgugcggccu..... 6 1 c02

.....caGguaaaucucgugcggccu..... 2 1 c02

.....caaguaaaucucCugcggccu..... 8 1 c02

.....caaguaaaucucgugcgCccu..... 6 1 c02

.....caaguaaaucucgugcggccu..... 3849 0 c02

.....caaguaaaucucgugcggccA..... 7 1 c02

.....caaguaaaAcucgugcggccu..... 2 1 c02

.....cUaguaaaucucgugcggccu..... 2 1 c02

.....caaguaaaucucgugcggAcu..... 12 1 c02

.....caaguaaaucucgugcggcAu..... 2 1 c02

.....caaguaaaucucguCcggccu..... 7 1 c02

.....caagGaaaucucgugcggccu..... 1 1 c02

.....caaguaaaucucAugcggccu..... 1 1 c02

.....caaguaaaucucgugcgAccu..... 1 1 c02

.....caaguaaaucucgugcUgccu..... 7 1 c02

.....caaguaaaucucUugcggccu..... 1 1 c02

.....caaguaaaucucgugcCgccu..... 1 1 c02

.....Aaaguaaaucucgugcggccu..... 7 1 c02

.....caaguaaaucuAgugcggccu..... 6 1 c02

.....caaguaaaucucgugcggccC..... 6 1 c02

.....caUguaaaucucgugcggccu..... 1 1 c02

.....cCaguaaaucucgugcggccu..... 2 1 c02

.....caaguaaaucucguUcggccu..... 5 1 c02

.....caaguaaaucucgugcAgccu..... 2 1 c02

.....caaguaaaucucgugcggccuA..... 9 1 c02

.....caaguaaaucucgugcgUccug..... 5 1 c02

.....caaguaaaucAcgugcggccug..... 2 1 c02

.....caaguaaaucGcgugcggccug..... 3 1 c02

.....Uaaguaaaucucgugcggccug..... 6 1 c02

.....caaguaaaucucgugUggccug..... 7 1 c02

.....caGguaaaucucgugcggccug..... 2 1 c02

.....caaguaaaucucgugcggccug..... 8284 0 c02

.....caaguaaaucucgugcgCccug..... 19 1 c02

.....caaguaaaucucgugcAgccug..... 2 1 c02

.....caaguaaaucucUugcggccug..... 2 1 c02

.....caaguaaaucucgugcggccAg..... 6 1 c02

.....caagGaaaucucgugcggccug..... 4 1 c02

.....caaguaaaucucgugAggccug..... 25 1 c02

.....caaCuaaaucucgugcggccug..... 12 1 c02

.....caaguaaaGcucgugcggccug..... 4 1 c02

.....caaguaaaucucgugcggcUug..... 4 1 c02

.....caaguaaaucucgugcggcGug..... 2 1 c02

.....cCaguaaaucucgugcggccug..... 2 1 c02

.....caaguaaaCcucgugcggccug..... 3 1 c02

.....caaguaaaucucgugcggccCg..... 2 1 c02

.....caaguaaaucucguUcggccug..... 4 1 c02

.....caaguaaaucCcgugcggccug..... 3 1 c02

.....caaguaaaucucgCgcggccug..... 5 1 c02

.....caaguaaCucucgugcggccug..... 24 1 c02

.....caUguaaaucucgugcggccug..... 1 1 c02

.....cGaguaaaucucgugcggccug..... 2 1 c02

.....caaguaaaucucCugcggccug..... 7 1 c02

.....caaguaaaucuUgugcggccug..... 6 1 c02

.....caaguaaaucucgugcggccuU..... 40 1 c02

.....caaguaaaucuAgugcggccug..... 10 1 c02

.....Aaaguaaaucucgugcggccug..... 4 1 c02

.....caaguaaaucucgugcggccGg..... 3 1 c02

.....caagAaaaucucgugcggccug..... 9 1 c02

.....caaguaaaAcucgugcggccug..... 4 1 c02

.....caaAuaaaucucgugcggccug..... 2 1 c02

.....caaUuaaaucucgugcggccug..... 6 1 c02

.....caaguaaauUucgugcggccug..... 2 1 c02

.....caaguUaaucucgugcggccug..... 1 1 c02

.....caaguaaaucucgAgcggccug..... 5 1 c02

.....caaguaaaucucgGgcggccug..... 3 1 c02

.....caaguaaaucucgugcggccuC..... 9 1 c02

Mature Star

aagucgauuuaccgucgacacaaguaaaucucgugcggccugucuuaauucaagccgcaagagauuuauuuacaucgaugguaaaagaacaucuguuauuaccggcuacgua

.....caaguaaaucucguAcggccug.....	2	1	c02
.....caaguaaaucucgugcggUcug.....	3	1	c02
.....caaguaaauGucgugcggccug.....	2	1	c02
.....cUaguaaaucucgugcggccug.....	3	1	c02
.....caaguaaGucucgugcggccug.....	1	1	c02
.....caaguaaaucucgugcCgccug.....	8	1	c02
.....caaguaaaucucguCcggccug.....	18	1	c02
.....caaguaaaucucAugcggccug.....	3	1	c02
.....caaguaaaucucgugcUgccug.....	11	1	c02
.....caagCaaaucucgugcggccug.....	2	1	c02
.....caaguaaauAucgugcggccug.....	7	1	c02
.....caaguaaaucucgugcggcAug.....	9	1	c02
.....caaguaUaucucgugcggccug.....	1	1	c02
.....caaguaaaucucgugcggAcug.....	13	1	c02
.....caaguaaaucucgugcgAccug.....	1	1	c02
.....caaguaaaucucguAcggccugu.....	2	1	c02
.....caaguaaaGcucgugcggccugu.....	1	1	c02
.....caaguaaaucucgugUggccugu.....	3	1	c02
.....caagCaaaucucgugcggccugu.....	1	1	c02
.....caaguaaauUucgugcggccugu.....	1	1	c02
.....caaguaaCucucgugcggccugu.....	15	1	c02
.....caaguaaauAucgugcggccugu.....	6	1	c02
.....caaguaaaucucgugcggccuCu.....	8	1	c02
.....caaguaaaucucgugcAgccugu.....	2	1	c02
.....caaguUaaucucgugcggccugu.....	1	1	c02
.....caaguaaaucucgugcggUcugu.....	3	1	c02
.....caaguaaaucuUgugcggccugu.....	4	1	c02
.....caaguaaaucucgugcggccugC.....	89	1	c02
.....cCaguaaaucucgugcggccugu.....	2	1	c02
.....caaguaaaucucgugcggcGugu.....	2	1	c02
.....caaguaaaucucgugcggcUugu.....	2	1	c02
.....caaguaaaucuAgugcggccugu.....	14	1	c02
.....caaguaaaucucgugcggccuUu.....	14	1	c02
.....Gaaguaaaucucgugcggccugu.....	1	1	c02
.....caaAuaaaucucgugcggccugu.....	1	1	c02
.....caaguaaaucucgugcggccugG.....	18	1	c02
.....caaguaaaucucguUcggccugu.....	5	1	c02
.....caUguaaaucucgugcggccugu.....	1	1	c02
.....caaguaaaucucgugcgAccugu.....	1	1	c02
.....caaguaaaucucgugcggGcugu.....	1	1	c02
.....caaguaaaucucgAgcggccugu.....	5	1	c02
.....caaguaaaucucgugcggccCgu.....	1	1	c02
.....caaguaaaucucgugcggccuAu.....	1	1	c02
.....caagGaaaucucgugcggccugu.....	1	1	c02
.....caaguaGaucucgugcggccugu.....	1	1	c02
.....caaguaaaucucgugAggccugu.....	22	1	c02
.....cUaguaaaucucgugcggccugu.....	1	1	c02
.....caGguaaaucucgugcggccugu.....	1	1	c02
.....caaguaaaucucgugcCgccugu.....	9	1	c02
.....caaguaaaucucCugcggccugu.....	5	1	c02
.....caaguaaaucucUugcggccugu.....	3	1	c02
.....caaguaaaucucgugcUgccugu.....	14	1	c02
.....caaguaaaucucgugcggccAgu.....	5	1	c02
.....caaguaaaucucgugcggccugu.....	5553	0	c02
.....caaCuaaaucucgugcggccugu.....	3	1	c02
.....caaguaaauGucgugcggccugu.....	3	1	c02
.....caaguaaaucucguCcggccugu.....	16	1	c02
.....caaguaCaucucgugcggccugu.....	1	1	c02
.....caaguaaaAcucgugcggccugu.....	2	1	c02
.....Aaaguaaaucucgugcggccugu.....	2	1	c02
.....caagAaaaucucgugcggccugu.....	7	1	c02
.....caaguaaGucucgugcggccugu.....	1	1	c02
.....caaguaaaucucgugcgCccugu.....	4	1	c02
.....caaguaaaucucgugcggAcugu.....	19	1	c02
.....caaguaaaucCcgugcggccugu.....	1	1	c02
.....caaguaaaucucgugcggccugA.....	112	1	c02
.....caaguaaaucucgugcggcAugu.....	3	1	c02
.....caaguaaaucucgugcgUccugu.....	1	1	c02
.....cGaguaaaucucgugcggccugu.....	1	1	c02
.....caaguaaaucAcgugcggccugu.....	6	1	c02

Mature Star

aagucgauuuaccgucgacacaaguaaaucucgugcggccugucuuaauucaagccgcaagagauuuauuuacaucgaugguaaaagaacaucuguuauuaccggcuacgua

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.....caaguaaaucucgugcggccuguA.....	100	1	c02
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.....caaguaaaucucgugcggccugucA.....	2	1	c02
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.....caaguaaaucucgugcggccuguUu.....	462	1	c02
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.....aaguaaaucucgugcggc.....	2	0	c02
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Mature Star

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.....aucucgugcggccuguUuu.....	3	1	c02

Mature Star

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.....ucaagccgcaagagauuuauuu.....	1	0	c02
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.....agccgcaagagauuuauuua.....	1	0	c02
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.....agccgcaagagauuuauuuacG.....	5	1	c02
.....agccgcaagagauuuauuuacGu.....	3	1	c02
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.....acaaguaaaucucgugcgg.....	11	0	c16
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Mature Star

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.....caaguaaaucucgugcggcU.....	1	1	c16
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Mature Star

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.....Aaaguaaaucucgugcggccug..... 3 1 c16

.....caaguaaaucucgugcggccuA..... 6 1 c16

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.....caaguaaaucucguCcggccug..... 17 1 c16

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.....caaguaaaucucgugcggGcugu.....	1	1	c16
.....caaguaaaucucgugcggccCgu.....	4	1	c16
.....caaCuaaaucucgugcggccugu.....	6	1	c16
.....Aaaguaaaucucgugcggccugu.....	3	1	c16
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Mature Star

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.....guaaaucucgugGggccu.....	1	1	c16
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.....guaaaucucgugcggccuU.....	3	1	c16
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Mature Star

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.....aaucucgugcggccuguUu.....	2	1	c16
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.....ucucgugcggccuguUuu.....	2	1	c16
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.....agccgcaagagauuuauuuac.....	2	0	c16
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Mature Star

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Mature Star

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.....aaguaaaucucgugcggccuguUu.....	1	1	c09
.....aguaaaucucgugcggcc.....	1	0	c09
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.....aguaaaucucgugcggccu.....	4	0	c09
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.....aguaaaucucgugcggccuA.....	1	1	c09
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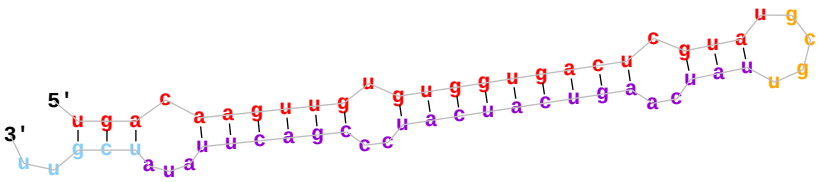
.....aguaaaucucgugcggccugC.....	1	1	c09
.....aguaaaucucgugcggccugu.....	3	0	c09
.....aguaaaucucgugcggccuguUuu.....	2	1	c09
.....Cuaaaucucgugcggccu.....	3	1	c09
.....guaaaucucgugcggccA.....	1	1	c09
.....guaaaucucgugcggccG.....	1	1	c09
.....guaaaucucgugcggUcu.....	1	1	c09
.....guaaaucucgugAggccu.....	2	1	c09
.....guaaaucucgGgcggccu.....	1	1	c09
.....guaaaucucgugcggccu.....	213	0	c09
.....guaaaucucgAgcggccu.....	1	1	c09
.....guaaaucucgugcggcUug.....	1	1	c09
.....guaaaucuAgugcggccug.....	1	1	c09
.....Cuaaaucucgugcggccug.....	7	1	c09
.....guaaaucucUugcggccug.....	1	1	c09
.....guaaCucucgugcggccug.....	1	1	c09
.....guaaaucucgugcggccuC.....	2	1	c09
.....guaaaucucgugcggccug.....	347	0	c09
.....Uuaaaucucgugcggccug.....	3	1	c09
.....guaaaucucguUcggccug.....	2	1	c09
.....guaaaucucgugcUgccug.....	1	1	c09
.....guaaaucAcgugcggccug.....	1	1	c09
.....guaaauAucgugcggccug.....	1	1	c09
.....guaaaucucgugcggccuU.....	3	1	c09
.....guaaaucucgugAggccug.....	1	1	c09
.....guaaaucucCugcggccug.....	1	1	c09
.....guaaaucucgugcggAcugu.....	1	1	c09
.....guaaaucucgugcggccugA.....	4	1	c09
.....guaaaucucgugcggccuUu.....	1	1	c09
.....Uuaaaucucgugcggccugu.....	1	1	c09
.....guUaaucucgugcggccugu.....	1	1	c09
.....guaaaucucgugcggccugu.....	148	0	c09
.....guaaaucucgugcggccugC.....	3	1	c09
.....guaaaucucUugcggccugu.....	1	1	c09
.....gGaaaucucgugcggccugu.....	1	1	c09
.....guaaaucucgugcggccugG.....	2	1	c09
.....guaaauUucgugcggccugu.....	1	1	c09
.....guaaaucucgugAggccugu.....	1	1	c09
.....guaaaucucgugcggccuguU.....	15	1	c09
.....guaaaucucgugcggccuguA.....	3	1	c09
.....guaaaucucgugcggccuguc.....	2	0	c09
.....guaaaucucgugcggccugGc.....	1	1	c09
.....guaaaucucgugcggccugCc.....	2	1	c09
.....guaaaucucgugcggccuguAu.....	2	1	c09
.....guaaaucucgugcggccuguUu.....	7	1	c09
.....guaaaucucgugcggccugucu.....	2	0	c09
.....guaaaucucgugcggccuguUuu.....	3	1	c09
.....guaaaucucgugcggccuguAuu.....	1	1	c09
.....guaaaucucgugcggccugucuu.....	1	0	c09
.....uGaaucucgugcggccug.....	1	1	c09
.....uaaaucucgugcggccuU.....	2	1	c09
.....uaaaucucgugcggccug.....	54	0	c09
.....uaaaucucgAgcggccug.....	1	1	c09
.....uaaaCcucgugcggccug.....	1	1	c09
.....Gaaaucucgugcggccug.....	1	1	c09
.....uaaaucucgugcAgccug.....	1	1	c09
.....uaaaucucgugcggccugu.....	31	0	c09
.....uaaaucucgugcggccugC.....	2	1	c09
.....uaaaucucgugcUgccugu.....	1	1	c09
.....uaaaucucgugcggccuguA.....	1	1	c09

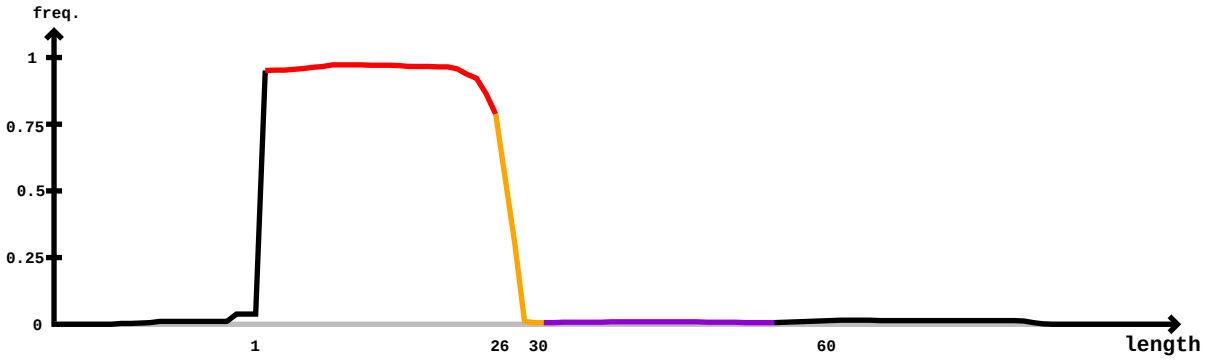
Mature Star

aagucgauuuaccgucgacacaaguaaaucucgugcggccugucuuaauucaagccgcaagagauuuauuuacaucgaugguaaaagaacaucuguuauuaccggcuacgua

.....uaaaucucgugcggccuguc.....	1	0	c09
.....uaaaucucgugcggccuguU.....	3	1	c09
.....uaaaucucgugcggccuguUu.....	2	1	c09
.....uaaaucucgugcggccuguUuu.....	2	1	c09
.....Caaucucgugcggccugu.....	1	1	c09
.....aaaucucgugcggccugC.....	3	1	c09
.....aaaucucgugcggccugA.....	2	1	c09
.....aaaucucgugcggccugu.....	38	0	c09
.....aaaucucgugcggccugG.....	2	1	c09
.....aaaucucgugcggccuguA.....	3	1	c09
.....aaaucucgugcggccuguG.....	1	1	c09
.....aaaucucgugcggccuguU.....	5	1	c09
.....aaaucucgugcggccuguUu.....	2	1	c09
.....aaaucucgugcggccuguAuu.....	1	1	c09
.....aaucucgugcggccuguU.....	2	1	c09
.....aaucucgugcggccuguUu.....	1	1	c09
.....aaucucgugcggccuguAu.....	1	1	c09
.....aucucgugcggccuguUu.....	8	1	c09
.....aucucgugcggccuguAu.....	2	1	c09
.....aucucgugcggccuguUuu.....	1	1	c09
.....aucucgugcggccugucuu.....	1	0	c09
.....agccgcaagagauuuauuuac.....	3	0	c09
.....agccgcaagagauuuauuuacG.....	1	1	c09
.....ccgcaagagauuuauuuacGu.....	1	1	c09

Provisional ID	:	group0_1277
Score total	:	310.4
Score for star read(s)	:	3.9
Score for read counts	:	309.6
Score for mfe	:	-0.2
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	619
Mature read count	:	614
Loop read count	:	0
Star read count	:	5





Mature **Star**

```
5'- aguggugcauagaggaaucaugacaaguugugguggugacucguaugcguuaucaagucaucaucccgacuuauaucguuauucccgaccccaacaugcauguucguguccgacag  -3'    obs
    aguggugcauagaggaaucaugacaaguugugguggugacucguaugcguuaucaagucaucaucccgacuuauaucguuauucccgaccccaacaugcauguucguguccgacag         exp
    ..(((.(....(.(((((.((((.(((((((.((((((((((.(((.....))).)).)))))))))..)))))))...)))).)))))..))))(((((......)))))..... reads      mm        sample
    .....ugcauagaggaaucaugacaa.................................................................................................. 1          0         c04
    .....ugcauagaggaaucaugacaaguugu.............................................................................................. 1          0         c04
    .......cauagaggaaucaugacaag.................................................................................................. 1          0         c04
    ........auagaggaaucaugacaagu.................................................................................................. 1          0         c04
    .........uagaggaaucaugacaaguugugug............................................................................................ 1          0         c04
    .........uagaggaaucaugacaaguugugugg........................................................................................... 2          0         c04
    ................ucaugacaaguugugugguggacuc..................................................................................... 2          0         c04
    ................ucaugacaaguugugugguggacucg.................................................................................... 4          0         c04
    ................ucaugacaaguugugugguggacucgu................................................................................... 10         0         c04
    ................ucaugacaaguugugugguggacucguU.................................................................................. 1          1         c04
    ................ucaugacaaguugugugguggacucguaugcgu.............................................................................. 1          0         c04
    ..................ugacaaguugugugguga.......................................................................................... 1          0         c04
    ..................ugacaaguugugugguggacu....................................................................................... 5          0         c04
    ..................ugacaaguugugugguggacuc...................................................................................... 9          0         c04
    ..................Ggacaaguugugugguggacuc...................................................................................... 2          1         c04
    ..................ugacaaguugugugguggacucg..................................................................................... 7          0         c04
    ..................ugacaaguugugugguggacucgu.................................................................................... 24         0         c04
    ..................Ggacaaguugugugguggacucgu..................................................................................... 1          1         c04
    ..................ugacaaguugugugguggacucgA..................................................................................... 1          1         c04
    ..................Ggacaaguugugugguggacucgua.................................................................................... 1          1         c04
    ..................ugacaaguugugugguggacucgua..................................................................................... 43         0         c04
    ..................ugacaaguugugugguggacucguU.................................................................................... 1          1         c04
    ..................ugacaaguugugugguggacucguUu................................................................................... 2          1         c04
    ..................ugacaaguugugugguggacAcguau................................................................................... 1          1         c04
    ..................ugacaaguugugugguggacucguGu................................................................................... 1          1         c04
    ..................Ggacaaguugugugguggacucguau................................................................................... 19         1         c04
    ..................ugacaaguugugugguggacucguau................................................................................... 232        0         c04
    ..................ugacaaguugugugguGgacucguau................................................................................... 1          1         c04
    ..................Agacaaguugugugguggacucguau................................................................................... 1          1         c04
    ..................ugacaaguugugugguggacucguauU.................................................................................. 2          1         c04
    ..................ugacaaguugugugguggacucgGaug.................................................................................. 1          1         c04
    ..................Ggacaaguugugugguggacucguaug.................................................................................. 2          1         c04
    ..................ugacaaguuguguggugUcucguaug.................................................................................... 1          1         c04
```

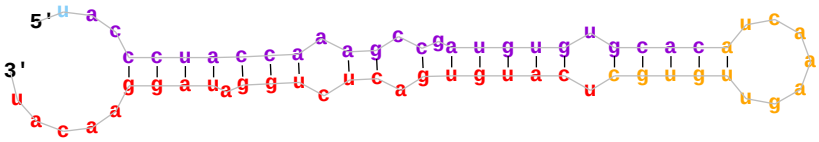
Mature **Star**

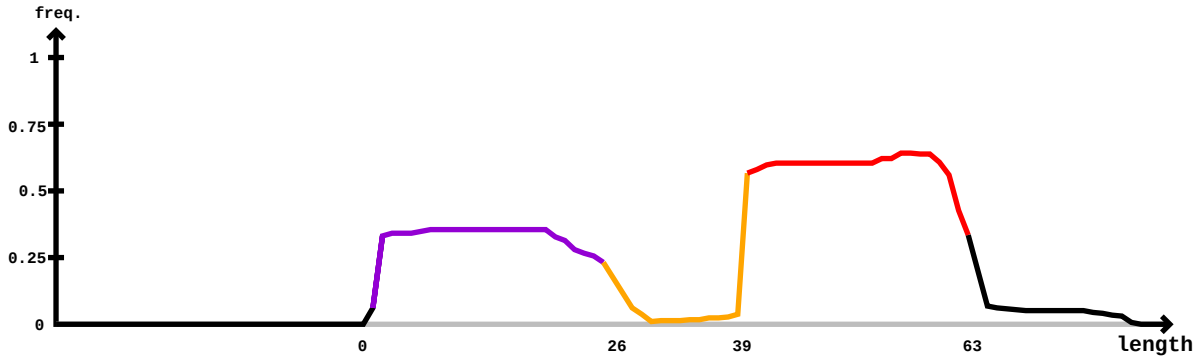
```
aguggugcauagaggaaucaugacaaguuguguggugacucguaugcguuaucaagucaucaucccgacuuauaucguuauucccgaccccaacaugcauguucguguccgacag
```

.....ugacaaguuguguggugacucguauA.....	6	1	c04
.....ugacaaguuguguggugacucguaug.....	25	0	c04
.....ugacaaguuguguggugacucguauC.....	1	1	c04
.....Agacaaguuguguggugacucguaugc.....	1	1	c04
.....ugacaaguuguguggugacucguaugG.....	1	1	c04
.....ugacaaguuguguggugacucguaugc.....	157	0	c04
.....ugacaaguuguguggugacucAuaugc.....	1	1	c04
.....ugacaaguuguguggugacucCuaugc.....	1	1	c04
.....ugacaaCuuguguggugacucguaugc.....	1	1	c04
.....Ggacaaguuguguggugacucguaugc.....	15	1	c04
.....ugacaaguuguguggugacucguaCgc.....	1	1	c04
.....ugacaaguuguguggugacucguaugcC.....	1	1	c04
.....ugacaaguuguguggugacucguaugcA.....	1	1	c04
.....ugacaaguuguguggugacucguaugcU.....	1	1	c04
.....ugacaaguuguguggugacucguaugcgu.....	1	0	c04
.....ugacaaguuguguggugacucguaugcguua.....	1	0	c04
.....gacaaguuguguggugacucguaugc.....	1	0	c04
.....caaguuguguggugacucguau.....	1	0	c04
.....caaguuguguggugacucguaugc.....	1	0	c04
.....aaguuguguggugacucguau.....	1	0	c04
.....aaguuguguggugacucguaugc.....	1	0	c04
.....aguuguguggugacucgua.....	1	0	c04
.....aguuguguggugacucguau.....	1	0	c04
.....aguuguguggugacucguaug.....	1	0	c04
.....Cuuguguggugacucguau.....	1	1	c04
.....guuguguggugacucguaug.....	1	0	c04
.....guuguguggugacucguaugc.....	1	0	c04
.....uuguguggugacucguau.....	3	0	c04
.....uuguguggugacucguaugc.....	2	0	c04
.....uguguggugacucguaugc.....	1	0	c04
.....uaucaagucaucaucccgacu.....	1	0	c04
.....uaucaagucaucaucccgacuuaua.....	1	0	c04
.....ucaagucaucaucccgacuuauaucgu.....	1	0	c04
.....ucaagucaucaucccgacuuauaucguu.....	1	0	c04
.....ucguuauucccgaccccaacaugca.....	1	0	c04
.....ucguuauucccgaccccaacaugcau.....	3	0	c04
.....Gcguuauucccgaccccaacaugcaug.....	1	1	c04
.....ucguuauucccgaccccaacaugcauA.....	1	1	c04
.....ucguuauucccgaccccaacaugcaug.....	1	0	c04
.....ucguuauucccgaccccaacaugcaugC.....	1	1	c04
.....auucccgacAccaacaugcau.....	1	1	c04

.....ugacaaguuguguggugacucgu.....	2	0	c16
.....ugacaaguuguguggugacucgua.....	3	0	c16
.....ugacaaguuguguggugacAcguau.....	1	1	c16
.....ugacaaguuguguggugacucguau.....	15	0	c16
.....ugacaaguuguguggugacucguaugc.....	4	0	c16
.....uaugcguuaucaagucaucauccc.....	1	0	c16
.....ucaucaucccgacuuauaucguuauucc.....	1	0	c16

Provisional ID	:	group0_301
Score total	:	133.4
Score for star read(s)	:	3.9
Score for read counts	:	132.2
Score for mfe	:	-3.3
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	271
Mature read count	:	168
Loop read count	:	0
Star read count	:	103





Star **Mature**

```
5'- uucauuuguuauuauuuuuacauauuaaauuuacccuaccaaagccgaugugugcacaucaaaguugugcucaugugacucuggauaggaacauuaucacacucuguguaagac  -3'   obs
    uucauuuguuauuauuuuuacauauuaaauuuacccuaccaaagccgaugugugcacaucaaaguugugcucaugugacucuggauaggaacauuaucacacucuguguaagac        exp
    .............(((((((((.........(((((((.((.(.(((((.(((((.......))))).)))))))..)).)))..))))..............)))))))).   reads      mm         sample
    ............................uacccuaccaaagccgaug.....................................................................   1          0          c09
    ............................uacccuaccaaagccgaugugu..................................................................   1          0          c09
    ............................uacccuaccaaagccgaugugugcac..............................................................   1          0          c09
    ............................Ccccuaccaaagccgaug.....................................................................   1          1          c09
    ............................Ccccuaccaaagccgaugu.....................................................................   1          1          c09
    ............................acccuaccaaagccgaugu.....................................................................   1          0          c09
    ............................acccuaccaaagccgaugug....................................................................   1          0          c09
    ............................acccuacAaaagccgaugug....................................................................   1          1          c09
    ............................acccuaccaaagccgaugugugca................................................................   1          0          c09
    ............................Ccccuaccaaagccgaugugugcac................................................................   1          1          c09
    ............................acccuaccaaagccgaugugugcac................................................................   5          0          c09
    ............................acccuaccaaagccgaugugugcaca...............................................................   2          0          c09
    ............................Ccccuaccaaagccgaugugugcaca...............................................................   1          1          c09
    ............................acccuaccaaagccgaugugugcacauc.............................................................   1          0          c09
    ............................acccuaccaaagccgaugugugcacaucaaaguugugcu...................................................   1          0          c09
    ............................cccuaccaaagccgaugugugcaca................................................................   1          0          c09
    ................................................................aaguugugcucaugugacucuggauaggaac.....................   1          0          c09
    ....................................................................ucaugugacucuggauagga.....................   3          0          c09
    ....................................................................Gcaugugacucuggauagga.....................   1          1          c09
    ....................................................................Gcaugugacucuggauaggaa....................   1          1          c09
    ....................................................................ucaugugacucuggauaggaa....................   3          0          c09
    ....................................................................ucaugugacucuggauaggaac...................   9          0          c09
    ....................................................................ucaugugacucuggauaggaaca..................   6          0          c09
    ....................................................................ucaugugacucuggauaggaacau.................   13         0          c09
    ....................................................................ucaugugacucuggauaggaacauu................   1          0          c09
    ....................................................................ucaugugacucuggauaggaacauuC...............   1          1          c09
    ..................................................................caugugacucuggauaggaac.....................   1          0          c09
    ..................................................................caugugacucuggauaggaacauu..................   2          0          c09
    ................................................................augugacucuggauaggaaca.......................   1          0          c09
    ..............................................................augugacucuggauaggaacauuaucacacucugugua....   1          0          c09
    ................................................................ugugacucuggauaggaacauuaucacacucugugua....   1          0          c09
    ..................................................................auaggaacauuaucacacucug.....................   1          0          c09
    ..................................................................auaggaacauuaucacacucugu....................   1          0          c09
```

Star Mature

uucauuuguuauuauuuuuacauauuaaauuuacccuaccaaagccgaugugugcacaucaaaguugugcucaugugacucuggauaggaacauuaucacacucuguguaagac

.....aggaacauuaucacacucugug.....	1	0	c09
.....aggaacauuaucacacucugugua....	1	0	c09
.....uacccuaccaaagccgaugugugc.....	2	0	c16
.....uacccuaccaaagccgaugugugca.....	1	0	c16
.....uacccuaccaaagccgaugugugcac.....	1	0	c16
.....Ccccuaccaaagccgaug.....	1	1	c16
.....acccuaccaaagccgaug.....	1	0	c16
.....acccuaccaaagccgaugug.....	3	0	c16
.....Ccccuaccaaagccgaugug.....	2	1	c16
.....Ccccuaccaaagccgaugugug.....	1	1	c16
.....acccuaccaaagccgaugugugca.....	2	0	c16
.....acccuaccaaagccgaugugugcac.....	2	0	c16
.....Ccccuaccaaagccgaugugugcac.....	4	1	c16
.....acccuaccaaagccgaugugugcaca.....	1	0	c16
.....acccuaccaaagccgaugugugcacau.....	1	0	c16
.....uaccaaagccgaugugugcac.....	2	0	c16
.....accaaagccgaugugugca.....	1	0	c16
.....aaaguugugcucaugugacucuggauaggaac.....	1	0	c16
.....ucaugugacucuggauag.....	1	0	c16
.....ucaugugacucuggauagga.....	1	0	c16
.....ucaugugacucuggauaggaa.....	2	0	c16
.....ucaugugacucuggauaggaac.....	4	0	c16
.....ucaugugCcucuggauaggaac.....	1	1	c16
.....ucaugugacucuggauaggaaca.....	3	0	c16
.....ucaugugacucuggauaggaacau.....	9	0	c16
.....Gcaugugacucuggauaggaacau.....	1	1	c16
.....caugugacucuggauaggaacau.....	2	0	c16
.....auaggaacauuaucacacucuguguaa...	1	0	c16
.....uacccuaccaaagccgaugug.....	1	0	c04
.....uacccuaccaaagccgaugugugcac.....	1	0	c04
.....uacccuaccaaagccgaugugugcaca.....	2	0	c04
.....Ccccuaccaaagccgaug.....	1	1	c04
.....acccuaccaaagccgaug.....	1	0	c04
.....acccuaccaaagccgaugu.....	1	0	c04
.....Ccccuaccaaagccgaugu.....	1	1	c04
.....Ccccuaccaaagccgaugug.....	1	1	c04
.....acccuaccaaagccgauguC.....	1	1	c04
.....Ccccuaccaaagccgaugugugc.....	2	1	c04
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.....acccuaccaaagccgaugugugcac.....	5	0	c04
.....cccuaccaaagccgaugugu.....	1	0	c04
.....uugugcucaugugacucugga.....	1	0	c04
.....ucaugugacucuggauagga.....	1	0	c04
.....ucaugugacucuggauaggaac.....	1	0	c04
.....ucaugugacucuggauaggaacau.....	2	0	c04
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.....Ccccuaccaaagccgaugugugcaca.....	1	1	c02
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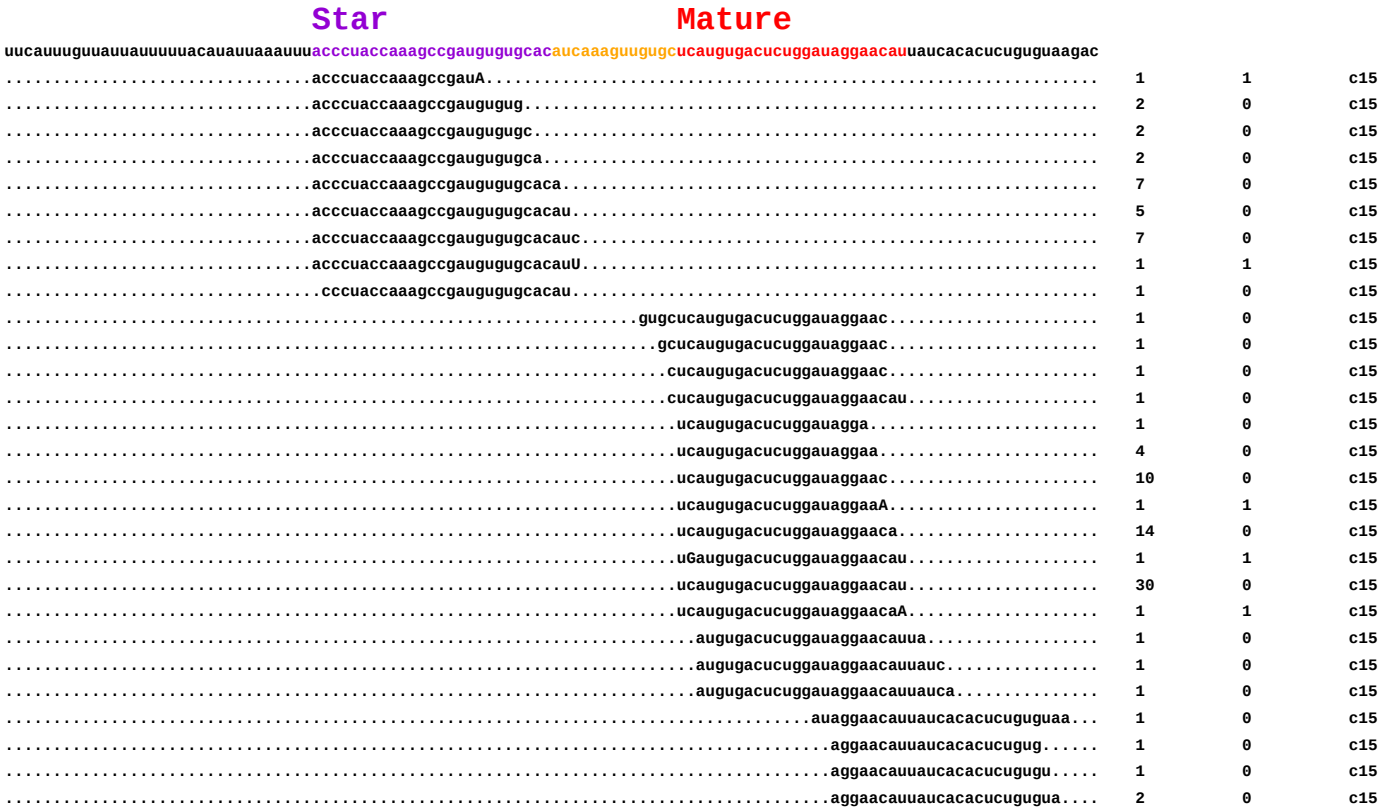
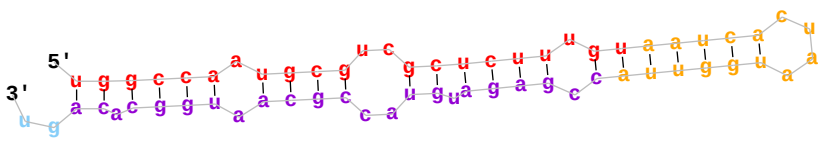
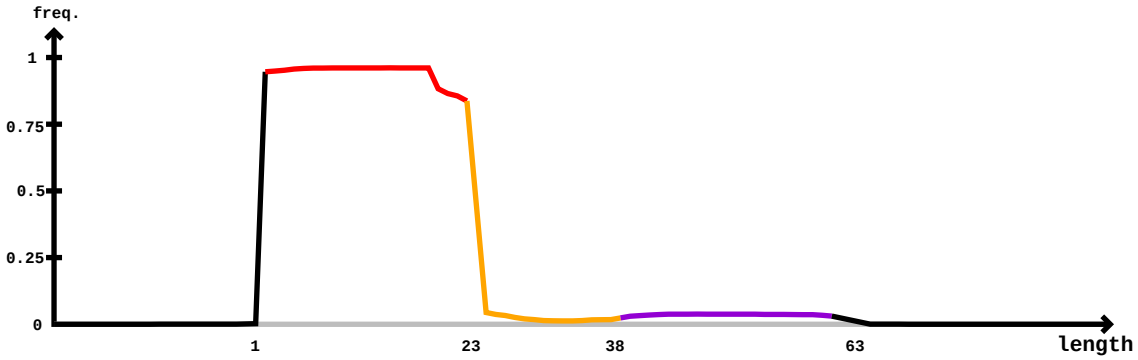
.....ucaugugacucuggauagga.....	2	0	c02
.....Gcaugugacucuggauaggaa.....	1	1	c02
.....ucaugugacucuggauaggaa.....	3	0	c02
.....ucaugugacucuggauaggaac.....	5	0	c02
.....ucaugugacucuggauaggaaca.....	3	0	c02
.....ucaugugacucuggauaggaacau.....	13	0	c02
.....ugugacucuggauaggaacauuaucacacucugugua....	1	0	c02
.....uaggaacauuaucacacucugugua....	1	0	c02
.....uacccuaccaaagccgaugugu.....	2	0	c15
.....uacccuaccaaagccgaugugugc.....	1	0	c15
.....uacccuaccaaagccgaugugugca.....	1	0	c15
.....uacccuaccaaagccgaugugugcaca.....	3	0	c15
.....acccuaccaaagccgaug.....	1	0	c15


Star
Mature
uucauuuguuauuauuuuuacauauuaaauuuacccuaccaaagccgaugugugcacaucaaaguugugcucaugugacucuggauaggaacauuaucacacucuguguaagac
.....acccuaccaaagccgauA..... 1 1 c15
.....acccuaccaaagccgaugugug..... 2 0 c15
.....acccuaccaaagccgaugugugc..... 2 0 c15
.....acccuaccaaagccgaugugugca..... 2 0 c15
.....acccuaccaaagccgaugugugcaca..... 7 0 c15
.....acccuaccaaagccgaugugugcacau..... 5 0 c15
.....acccuaccaaagccgaugugugcacauc..... 7 0 c15
.....acccuaccaaagccgaugugugcacauU..... 1 1 c15
.....cccuaccaaagccgaugugugcacau..... 1 0 c15
.....gugcucaugugacucuggauaggaac..... 1 0 c15
.....gcucaugugacucuggauaggaac..... 1 0 c15
.....cucaugugacucuggauaggaac..... 1 0 c15
.....cucaugugacucuggauaggaacau..... 1 0 c15
.....ucaugugacucuggauagga..... 1 0 c15
.....ucaugugacucuggauaggaa..... 4 0 c15
.....ucaugugacucuggauaggaac..... 10 0 c15
.....ucaugugacucuggauaggaaA..... 1 1 c15
.....ucaugugacucuggauaggaaca..... 14 0 c15
.....uGaugugacucuggauaggaacau..... 1 1 c15
.....ucaugugacucuggauaggaacau..... 30 0 c15
.....ucaugugacucuggauaggaacaA..... 1 1 c15
.....augugacucuggauaggaacauua..... 1 0 c15
.....augugacucuggauaggaacauuauc..... 1 0 c15
.....augugacucuggauaggaacauuauca..... 1 0 c15
.....auaggaacauuaucacacucuguguaa... 1 0 c15
.....aggaacauuaucacacucugug..... 1 0 c15
.....aggaacauuaucacacucugugu..... 1 0 c15
.....aggaacauuaucacacucugugua.... 2 0 c15

Provisional ID	:	group0_326
Score total	:	1091.3
Score for star read(s)	:	3.9
Score for read counts	:	1087.6
Score for mfe	:	-1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	2145
Mature read count	:	2096
Loop read count	:	1
Star read count	:	48





Mature **Star**

```
5'- auaacuagaugcauaaacuauggccaaugcgucgcucuuuguaaucacuaaugguuaccgagauguaccgcaauggcacagucuauuacucaaaccuacuuguaacuu  -3'   obs
    auaacuagaugcauaaacuauggccaaugcgucgcucuuuguaaucacuaaugguuaccgagauguaccgcaauggcacagucuauuacucaaaccuacuuguaacuu        exp
    .....(((((..........((((((.((((..(((((((.(((((((....)))))))..))))..))))).))))..))))).))))).....................  reads    mm       sample
    ...................uggccaaugcgucgcucuuugu.....................................................................  15       0        c15
    ...................uAgccaaugcgucgcucuuugu.....................................................................  1        1        c15
    ...................Cggccaaugcgucgcucuuugu.....................................................................  1        1        c15
    ...................uggccaaugcgucgcucuuugua....................................................................  2        0        c15
    ...................uggccaaugcgucgcucuuuguaa...................................................................  1        0        c15
    ...................uggccaaugcgucgcucuuuguaaucac...............................................................  1        0        c15
    ...................uggccaaugcgucgcucuuuguaaucacu..............................................................  2        0        c15
    ....................ggccaaugcgucgcucuuugu.....................................................................  1        0        c15
    ....................ggccaaugcgucgcucuuugua....................................................................  1        0        c15
    ....................ggccaaugcgucgcucuuuguaaucacC..............................................................  1        1        c15
    ......................aaugcgucgcucuuuguaaauc...................................................................  1        0        c15
    ......................aaugcgucgcucuuuguaaucacu..................................................................  1        0        c15
    ......................ugcgucgcucuuuguaaucacu.....................................................................  1        0        c15
    ..........................................aaucacuaaugguuaccgagC.....................................................  1        1        c15
    ..............................................augguuaccgagauguaccgcaauggcacagu.....................................  1        0        c15
    ..................................................guuaccgagauguaccgcaauggcacag.....................................  1        0        c15
    ....................................................cgagauguaccgcaauggcacaA.....................................  1        1        c15
    ....................................................cgagauguaccgcaauggcacagu.....................................  1        0        c15

    ...................Gggccaaugcgucgcucu.....................................................................  7        1        c02
    ...................uggccaaugcgucgcucC.....................................................................  1        1        c02
    ...................uggccaaugcgucgcucu.....................................................................  46       0        c02
    ...................uggccaaugAgucgcucu.....................................................................  1        1        c02
    ...................uggccaaugcgucgcucuu....................................................................  5        0        c02
    ...................uggccaUugcgucgcucuuu...................................................................  1        1        c02
    ...................uggccaaugcgucgcucuuu...................................................................  3        0        c02
    ...................uggccaaugcgucgcucuuug..................................................................  7        0        c02
    ...................Gggccaaugcgucgcucuuug..................................................................  1        1        c02
    ...................uggccaauUcgucgcucuuugu.................................................................  1        1        c02
    ...................ugCccaaugcgucgcucuuugu.................................................................  3        1        c02
    ...................Gggccaaugcgucgcucuuugu.................................................................  38       1        c02
    ...................uggccaaugcgucgAucuuugu..................................................................  1        1        c02
    ...................uggccaaugcgucgcGcuuugu..................................................................  1        1        c02
```

Mature Star

auaacuagaugcauaaacuauggccaaugcgucgcucuuuguaaucacuaaugguuaccgagauguaccgcaauggcacagucuauuacucaaaccuacuuguaacuu

.....Aggccaaugcgucgcucuuugu.....	1	1	c02
.....uggccaaugcgucgcucuuugu.....	504	0	c02
.....uggccaaugcgucCucuuugu.....	1	1	c02
.....uUgccaaugcgucgcucuuugu.....	1	1	c02
.....uggccaaugcgucAcucuuugu.....	1	1	c02
.....Gggccaaugcgucgcucuuugua.....	2	1	c02
.....uggccaaugcgucgcucuuuguU.....	3	1	c02
.....uggccaaugcgucgcucuuugua.....	25	0	c02
.....uggccaaugcgucgcucuuuguaa.....	2	0	c02
.....uggccaaugcgucgcucuuuguaU.....	1	1	c02
.....uggccaaugcgucgcucuuuguaau.....	1	0	c02
.....uggccaaugAgucgcucuuuguaau.....	1	1	c02
.....Gggccaaugcgucgcucuuuguaauc.....	1	1	c02
.....uggccaaugcgucgcucuuuguaauc.....	3	0	c02
.....uggccaaugcgucgcucuuuguaauca.....	2	0	c02
.....uggccaaugcgucgcucuuuguaaucac.....	3	0	c02
.....uggccaaugcgucgcucuuuguaaucacu.....	4	0	c02
.....uggccaaugcgucgcucuuuguaaucacA.....	1	1	c02
.....uggccaaugcgucgcucuuuguaaucacua.....	1	0	c02
.....uggccaaugcgucgcucuuuguaaucacuaa.....	1	0	c02
.....ggccaaugcgucgcucuuugu.....	1	0	c02
.....ggccaaugcgucgcucuuugua.....	1	0	c02
.....gccaaugcgucgcucuuugu.....	3	0	c02
.....ccaaugcgucgcucuuugu.....	4	0	c02
.....aaugcgucgcucuuuguaaucacua.....	1	0	c02
.....cuaaugguuaccgaCauguaccgcaauggcacaguc.....	1	1	c02
.....aaugguuaccgagauguaccgcaauggcacag.....	1	0	c02
.....aaugguuaccgagauguaccgcaauggcacagu.....	3	0	c02
.....aaugguuaccgagauguacAgcaauggcacagu.....	1	1	c02
.....Caugguuaccgagauguaccgcaauggcacagu.....	1	1	c02
.....augguuaccgagauguaccgcaauggcacaguc.....	1	0	c02
.....uaccgagauguaccgcaauggcacagu.....	1	0	c02
.....uaccgagauguaccgcaauggcacagucuauu.....	1	0	c02
.....ccgagauguaccgcaaugg.....	1	0	c02
.....ccgagauguaccgcaauggca.....	2	0	c02
.....ccgagauguaccgcaauggcac.....	1	0	c02
.....cgagauguaccgcaauggcac.....	1	0	c02
.....cgagauguaccgcaauggcacag.....	2	0	c02
.....cgagauguaccgcaauggcacagu.....	2	0	c02
.....cgagauguaccgcaauggcacaguU.....	1	1	c02
.....gagauguaccgcaauggcacagu.....	1	0	c02
.....gagauguaccgcaauggcacaguc.....	3	0	c02
.....agauguaccgcaauggcacagu.....	1	0	c02
.....agauguaccgcaauggcacaguc.....	1	0	c02
.....auguaccgcaauggcacaguc.....	1	0	c02

.....ugcauaaacuauggccaaugcgucg.....	1	0	c09
.....uUuggccaaugcgucgcucuuugu.....	1	1	c09
.....Gggccaaugcgucgcucu.....	6	1	c09
.....uggccaaugcgucgcucu.....	81	0	c09
.....uggcAaaugcgucgcucu.....	1	1	c09
.....uggccaaugcgucgcucuC.....	1	1	c09
.....uggccaaugcgucgcucuu.....	24	0	c09
.....uggccaaugcgucgcucGu.....	1	1	c09
.....Gggccaaugcgucgcucuu.....	1	1	c09
.....uggccaaugcgucgcucuuu.....	9	0	c09
.....Gggccaaugcgucgcucuuu.....	1	1	c09
.....uggccaauCcgucgcucuuug.....	1	1	c09
.....uggccaaugcgucgcucuuuA.....	1	1	c09
.....uggccaaugcgucgcucuuug.....	20	0	c09
.....uggUcaaugcgucgcucuuugu.....	1	1	c09
.....uggccaaugcgucgcucCuugu.....	1	1	c09
.....uggccaaugcCucgcucuuugu.....	1	1	c09
.....uggccaaugAgucgcucuuugu.....	2	1	c09
.....uCgccaaugcgucgcucuuugu.....	1	1	c09
.....uggAcaaugcgucgcucuuugu.....	1	1	c09
.....uggccaaCgcgucgcucuuugu.....	1	1	c09
.....uggccaaugcgucgcuUuuugu.....	1	1	c09
.....uggccaaugUgucgcucuuugu.....	1	1	c09
.....uggccaaugcgucgAucuuugu.....	1	1	c09

Mature Star

auaacuagaugcauaaacuauggccaaugcgucgcucuuuguaaucacuaaugguuaccgagauguaccgcaauggcacagucuauuacucaaaccuacuuguaacuu

.....uggcAaaugcgucgcucuuugu.....	1	1	c09
.....uggccaaugcgucgcucuuugu.....	614	0	c09
.....ugCccaaugcgucgcucuuugu.....	2	1	c09
.....Gggccaaugcgucgcucuuugu.....	24	1	c09
.....uggccUaugcgucgcucuuugu.....	2	1	c09
.....uggccaaugcgucgcucuuugua.....	18	0	c09
.....uggccaaugcgucgcucuuuguG.....	2	1	c09
.....Gggccaaugcgucgcucuuugua.....	2	1	c09
.....uggccaaugcgucgcucuuuguU.....	3	1	c09
.....uggccaaugcgucgcucuuuguaU.....	2	1	c09
.....uggccaaugcgucgcucuuuguaa.....	1	0	c09
.....uggccaaugcgucgcucuuuguaau.....	1	0	c09
.....uggccaaugcgucgcucuuuguaauc.....	9	0	c09
.....uggccaaugcgucgcucuuuguaauG.....	1	1	c09
.....uggccaaugcgucgcucuuuguaaCca.....	1	1	c09
.....uggccaaugcgucgcucuuuguaauca.....	4	0	c09
.....Gggccaaugcgucgcucuuuguaaucac.....	1	1	c09
.....uggccaaugcgucgcucuuuguaaucac.....	1	0	c09
.....Gggccaaugcgucgcucuuuguaaucacu.....	1	1	c09
.....uggccaaugcgucgcucuuuguaaucacu.....	6	0	c09
.....uggccaaugcgucgcucuuuguaaucacua.....	2	0	c09
.....uggccaaugcgucgcucuuAguaaucacua.....	1	1	c09
.....uggccaaugcgucgcucuuuguaaucacuaauggu.....	1	0	c09
.....ggccaaugcgucgcucuuugua.....	1	0	c09
.....gccaaugcgucgcucuuugu.....	3	0	c09
.....gccaaugcgucgcucuuuguaaucacu.....	1	0	c09
.....ccaaugcgucgcucuuugu.....	4	0	c09
.....caaugcgucgcucuuugu.....	4	0	c09
.....gcucuuuguaaucacuaaug.....	1	0	c09
.....acuaaugguuaccgagauguaccgca.....	1	0	c09
.....acuaaugguuaccgagauguaccgcaauggcacagu.....	1	0	c09
.....uaaugguuaccgagaugu.....	1	0	c09
.....aaugguuaccgagauguaccgcaauggcacagu.....	1	0	c09
.....aaugguuaccgagauguaccgcaauggcacaguc.....	2	0	c09
.....aaugguuaccgagauguaccgcaauggcacaguA.....	1	1	c09
.....augguuaccgagauguaccgcaauggcacagu.....	1	0	c09
.....guuaccgagauguaccgcaauggcaca.....	1	0	c09
.....guuaccgagauguaccgcaauggcacaguA.....	1	1	c09
.....uuaccgagauguaccgca.....	1	0	c09
.....uuaccgagauguaccgcaauggca.....	1	0	c09
.....uuaccgagauguaccgcaauggcacag.....	1	0	c09
.....uuaccgagauguaccgcaauggcacaguA.....	1	1	c09
.....uuaccgagauguaccgcaauggcacaguc.....	1	0	c09
.....ccgagauguaccgcaaug.....	1	0	c09
.....ccgagauguaccgcaauggcac.....	3	0	c09
.....ccgagauguaccgcaauggcacU.....	1	1	c09
.....ccgagauguaccgcaauggcaca.....	2	0	c09
.....ccgagauguaccgcaauggcacagu.....	1	0	c09
.....cgagauguaccgcaauggcac.....	1	0	c09
.....cgagauguaccgcaauggcacagu.....	1	0	c09
.....cgagauguaccgcaauggcacagA.....	1	1	c09
.....gagauguaccgcaauggcacaguc.....	1	0	c09
.....agauguaccgcaauggcacaguc.....	1	0	c09
.....gauguaccgcaauggcacaguc.....	2	0	c09
.....gauguaccgcaauggcacaguA.....	1	1	c09

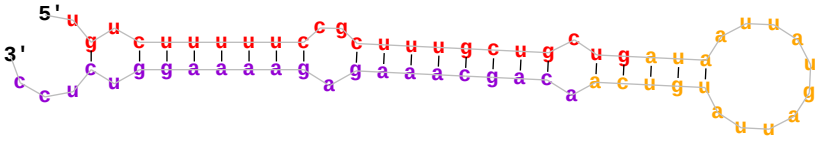
.....uauggccaaugcgucgcucuuugu.....	1	0	c04
.....auggccaaugcgucgcucuuuguaaucacu.....	1	0	c04
.....uggccaaugcgucgcucu.....	2	0	c04
.....Gggccaaugcgucgcucuuugu.....	1	1	c04
.....uggccaaugcgucgcucuuugu.....	22	0	c04
.....uggccaaugcgucgcucCuugu.....	1	1	c04
.....uggccaaugcgucgcucuuuguU.....	1	1	c04
.....uggccaaugcgucgcucuuuguaaA.....	2	1	c04
.....uggccaaugcgucgcucuuuguaauc.....	1	0	c04
.....uggccaaugcgucgcucuuuguaauca.....	1	0	c04
.....uggccaaugcgucgcucuuuguaaucacuU.....	1	1	c04
.....ccaaugcgucgcucuuugu.....	1	0	c04
.....ucacuaaugguuaccgagauguaccgcaauggcacagu.....	1	0	c04
.....aaugguuaccgagauguaccgcaauggcacaguc.....	1	0	c04

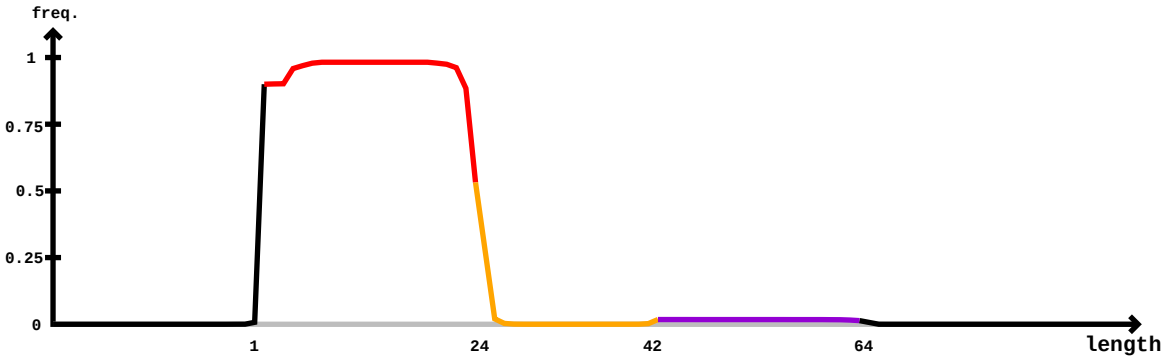
Mature Star

auaacuagaugcauaaacuauggccaaugcgucgcucuuuguaaucacuaaugguuaccgagauguaccgcaauggcacagucuauuacucaaaccuacuuguaacuu

.....augguuaccgagauguaccgcaauggcacagu.....	1	0	c04
.....cgagauguaccgcaauggcacaguc.....	1	0	c04
.....agauguaccgcaauggcacaguc.....	1	0	c04
.....uguaccgcaauggcacaguc.....	1	0	c04
.....auggccaaugcgucgcucuuugu.....	1	0	c16
.....Gggccaaugcgucgcucu.....	2	1	c16
.....uggccaaugcgucgcucu.....	26	0	c16
.....uggccaaugcgucgcucuu.....	7	0	c16
.....uggccaaugcgucgcucuC.....	1	1	c16
.....uggccaaugcgucgcucuuu.....	5	0	c16
.....Gggccaaugcgucgcucuuu.....	1	1	c16
.....uggccaaugcgucgcucuuug.....	10	0	c16
.....ugUccaaugcgucgcucuuug.....	1	1	c16
.....Gggccaaugcgucgcucuuug.....	1	1	c16
.....uggAcaaugcgucgcucuuugu.....	3	1	c16
.....uggccaaAgcgucgcucuuugu.....	1	1	c16
.....uggccCaugcgucgcucuuugu.....	1	1	c16
.....uggccaaugcgucgcuAuuugu.....	1	1	c16
.....Aggccaaugcgucgcucuuugu.....	1	1	c16
.....uggccaaugcgucgcucGuugu.....	1	1	c16
.....uUgccaaugcgucgcucuuugu.....	1	1	c16
.....uggccaaugcgucgcucuuugu.....	373	0	c16
.....Gggccaaugcgucgcucuuugu.....	22	1	c16
.....ugUccaaugcgucgcucuuugu.....	1	1	c16
.....uggccaaugcgucgcucuuugua.....	19	0	c16
.....uggccaaugcgucgcucuuugAa.....	1	1	c16
.....uggccaaugcgucgcucuuuguC.....	1	1	c16
.....ugCccaaugcgucgcucuuugua.....	1	1	c16
.....Gggccaaugcgucgcucuuugua.....	2	1	c16
.....uggccaaugcgucgcucuuuguU.....	1	1	c16
.....uggccaaugcgucgcucuuuguaa.....	9	0	c16
.....Gggccaaugcgucgcucuuuguaa.....	1	1	c16
.....uggccaaugcgucgcucuuuguaau.....	1	0	c16
.....uggccaaugAgucgcucuuuguaau.....	1	1	c16
.....uggccaaugcgucgcucuuuguaaA.....	2	1	c16
.....uggccaaugcgucgcucuuuguaauc.....	2	0	c16
.....uggccaaugcgucgcucuuuguaauca.....	5	0	c16
.....uggccaaugcgucgcucuuuguaaucac.....	1	0	c16
.....Gggccaaugcgucgcucuuuguaaucacu.....	1	1	c16
.....uggccaaugcgucgcucuuuguaaucacu.....	4	0	c16
.....ccaaugcgucgcucuuugu.....	1	0	c16
.....Uaaugcgucgcucuuugu.....	1	1	c16
.....aaugguuaccgagauguaccgcaauggcacag.....	3	0	c16
.....aaugguuaccgagauguaccgcaauggcacagu.....	1	0	c16
.....Caugguuaccgagauguaccgcaauggcacaguc.....	1	1	c16
.....guuaccgagauguaccgcaauggcacaguc.....	1	0	c16
.....uuaccgagauguaccgcaauggca.....	1	0	c16
.....accgagauguaccgcaauggcacU.....	1	1	c16
.....ccgagauguaccgcaauggcaca.....	2	0	c16
.....cgagauguaccgcaauggca.....	1	0	c16
.....cgagauguaccgcaauggcac.....	1	0	c16
.....agauguaccgcaauggcacaguc.....	1	0	c16
.....gauguaccgcaauggcacaguc.....	1	0	c16
.....auguaccgcaauggcacagu.....	1	0	c16
.....auguaccgcaauggcacaguc.....	1	0	c16
.....uaccgcaauggcacaguc.....	1	0	c16

Provisional ID	:	group0_440
Score total	:	6462.3
Score for star read(s)	:	3.9
Score for read counts	:	6452.5
Score for mfe	:	1.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	12668
Mature read count	:	12446
Loop read count	:	1
Star read count	:	221





Mature **Star**

```
5'- gcgaaaguucuccauaaaauuugucuuuuuccgcuuugcugcugauaauuaugauuauguca acagcaaagagaaaaggucucc uuuaugagaacuuccuccguggcaacga -3'   obs
    gcgaaaguucuccauaaaauuugucuuuuuccgcuuugcugcugauaauuaugauuauguca acagcaaagagaaaaggucucc uuuaugagaacuuccuccguggcaacga       exp
    ....(((((((.(((((...(.(((((((..(((((((.(((((.........))))).)))))))).)))))))...)))))))))))))....(((....))).
```

	reads	mm	sample
.....auuugucuuuuuccgcuuugcugcug.....	1	0	c02
.....uugucuuuuuccgcuuugc.....	1	0	c02
.....uugucuuuuuccgcuuugcu.....	4	0	c02
.....uugucuuuuuccgcuuugcug.....	5	0	c02
.....Gugucuuuuuccgcuuugcugc.....	1	1	c02
.....uugucuuuuuccgcuuugcugc.....	2	0	c02
.....Augucuuuuuccgcuuugcugc.....	1	1	c02
.....uugucuuuuuccgcuuugcugcu.....	9	0	c02
.....uGgucuuuuuccgcuuugcugcu.....	2	1	c02
.....Gugucuuuuuccgcuuugcugcu.....	2	1	c02
.....uugucuuuuuccgcuuugcugcuU.....	1	1	c02
.....uugucuuuuuccgcuuugcugcug.....	4	0	c02
.....ugucuuuuuccgcuuugc.....	7	0	c02
.....ugucuuuuuccgcuuugcu.....	5	0	c02
.....Ggucuuuuuccgcuuugcug.....	4	1	c02
.....ugucuuuuuccgcuuugcug.....	39	0	c02
.....ugucuuuuuccgcuuugcugU.....	5	1	c02
.....uCucuuuuuccgcuuugcugc.....	1	1	c02
.....Ggucuuuuuccgcuuugcugc.....	7	1	c02
.....ugucuuuuuccgcuuugcCgc.....	1	1	c02
.....ugucuAuuuccgcuuugcugc.....	1	1	c02
.....ugucuuuuuccgcuuugcugc.....	92	0	c02
.....ugucuuuuuccgcGuugcugc.....	1	1	c02
.....Agucuuuuuccgcuuugcugcu.....	4	1	c02
.....ugucuuuuuccUcuuugcugcu.....	1	1	c02
.....ugucuuuuuAcgcuuugcugcu.....	2	1	c02
.....ugucuuuuuccgcuuugcAgcu.....	1	1	c02
.....ugucuuuuuccgcuuugcCgcu.....	2	1	c02
.....ugucuuuuuccgcuuugcugcA.....	5	1	c02
.....ugucCuuuuccgcuuugcugcu.....	7	1	c02
.....ugucuuuuuccgcGuugcugcu.....	1	1	c02
.....ugucuuuuuccgcuuAgcugcu.....	1	1	c02
.....ugucuuuuAccgcuuugcugcu.....	1	1	c02

Mature Star

gcgaaaguucuccauaaaauugucuuuuuccgcuuugcugcugauaauuaugauuaugucaacagcaaagagaaaaggucuccuuuaugagaacuuccuccguggcaacga

.....uAucuuuuuccgcuuugcugcu.....	1	1	c02
.....uguAuuuuuccgcuuugcugcu.....	1	1	c02
.....ugucuuuuuccgcuuuUcugcu.....	1	1	c02
.....ugucuuuuucGgcuuugcugcu.....	1	1	c02
.....ugucuuuuuccgcuuugcuCcu.....	2	1	c02
.....ugucuuuuuGcgcuuugcugcu.....	1	1	c02
.....Cgucuuuuuccgcuuugcugcu.....	1	1	c02
.....uCucuuuuuccgcuuugcugcu.....	2	1	c02
.....ugucuuuuuccgcuuuCcugcu.....	1	1	c02
.....Ggucuuuuuccgcuuugcugcu.....	93	1	c02
.....ugucuuuuuuUgcuuugcugcu.....	1	1	c02
.....ugucuuuuuccCcuuugcugcu.....	1	1	c02
.....ugucuuuuuUcgcuuugcugcu.....	1	1	c02
.....ugucuuuuuccgcuuugUugcu.....	1	1	c02
.....ugucuuuuuccgcuuugcugcu.....	898	0	c02
.....uguUuuuuuccgcuuugcugcu.....	1	1	c02
.....uUucuuuuuccgcuuugcugcu.....	1	1	c02
.....ugucuuuuuccgAuuugcugcug.....	1	1	c02
.....uCucuuuuuccgcuuugcugcug.....	1	1	c02
.....ugucuuuuuccgcuuugcugcug.....	579	0	c02
.....Cgucuuuuuccgcuuugcugcug.....	1	1	c02
.....ugucuuuuuccgcuuugcugcuA.....	6	1	c02
.....ugucuuuuuAcgcuuugcugcug.....	1	1	c02
.....ugucuuuuCccgcuuugcugcug.....	1	1	c02
.....ugucuuuuuccgcuuugcCgcug.....	1	1	c02
.....Ggucuuuuuccgcuuugcugcug.....	64	1	c02
.....ugucCuuuuccgcuuugcugcug.....	2	1	c02
.....ugucuuuuuccgcuuugUugcug.....	1	1	c02
.....ugucuuuuuccgcuuugcugcAg.....	1	1	c02
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.....uuuuuccgcuuugcugcuU.....	1	1	c02
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.....Guuuccgcuuugcugcug.....	5	1	c02
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.....ugucuAuuuccgcuuugcugcu.....	1	1	c15
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.....acagcaaagagaaaaggucuccuA.....	1	1	c15
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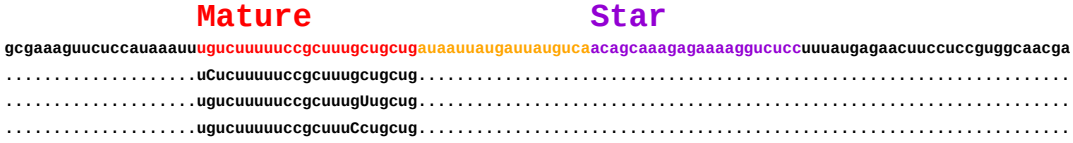

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Mature **Star**

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..................uugucuuuuuccgcuuugcugcu......................................  1  0  c04
..................uugucuuuuuccgcuuugcugcuU.....................................  1  1  c04
..................ugucuuuuuccgcuuugc...........................................  3  0  c04
..................Ggucuuuuuccgcuuugc...........................................  1  1  c04
..................ugucuuuuuccUcuuugc...........................................  1  1  c04
..................Ggucuuuuuccgcuuugcu..........................................  1  1  c04
..................ugucuuuuuccgcuuugcu..........................................  9  0  c04
..................ugucuuuuuccgcuuugcug.........................................  4  0  c04
..................ugucuuuuuccgcuuugcugc........................................  42  0  c04
..................Ggucuuuuuccgcuuugcugc........................................  3  1  c04
..................ugucuuuuuccgcuuuCcugc........................................  1  1  c04
..................Ggucuuuuuccgcuuugcugcu.......................................  12  1  c04
..................ugucuuuuuccgcuuugcugcu.......................................  165  0  c04
..................ugucuuuuuccgcuuugcugcA.......................................  4  1  c04
..................ugucuuuuuccgcuCugcugcu.......................................  1  1  c04
..................ugucAuuuuccgcuuugcugcu.......................................  1  1  c04
..................ugucCuuuuccgcuuugcugcu.......................................  2  1  c04
..................ugucuuuuuccgcuuugcugcuU......................................  8  1  c04
..................ugucuuuuuccgcuuugcugcug.....................................  149  0  c04
..................Agucuuuuuccgcuuugcugcug.....................................  1  1  c04
..................ugucCuuuuccgcuuugcugcug.....................................  1  1  c04
..................ugucuuuuuccgcCuugcugcug.....................................  1  1  c04
..................Ggucuuuuuccgcuuugcugcug.....................................  11  1  c04
..................ugucuuuuuccgcuuugcuUcug.....................................  1  1  c04
..................uguUuuuuuccgcuuugcugcug.....................................  1  1  c04
..................ugucuuuuucAgcuuugcugcug.....................................  1  1  c04
..................ugucuuuuuccgcuuugcugcugG....................................  2  1  c04
..................ugucuuuuuccgcuuugcugcugU....................................  18  1  c04
..................ugucuuuuuccgcuuugcugcuga....................................  5  0  c04
..................Ggucuuuuuccgcuuugcugcuga....................................  2  1  c04
..................ugucuuuuuccgcuuugcugcuguu...................................  2  1  c04
.................gucuuuuuccgcuuugcugcuga.....................................  1  0  c04
.................uAuuuuuccgcuuugcugcu.........................................  1  1  c04
.................ucuuuuuccgcuuugcugcu.........................................  2  0  c04
.................cuuuuuccgcuuugcugc...........................................  5  0  c04
.................cuuuuuccgcuuugcugcA..........................................  1  1  c04
.................cuuuuuccgcuuugcugcu..........................................  17  0  c04
.................cuuuuuccgcuCugcugcug.........................................  1  1  c04
.................cuuuuuccgcuuugcugcug.........................................  22  0  c04
.................cuuuuuccgcuuugcugcuU.........................................  2  1  c04
.................cuuuuuccgcuuugcugcuga........................................  1  0  c04
.................cuuuuuccgcuuugcugcugau.......................................  1  0  c04
................uuuuuccgcuuugcugcu............................................  4  0  c04
................Guuuuccgcuuugcugcu............................................  1  1  c04
................Guuuuccgcuuugcugcug...........................................  1  1  c04
................Cuuuuccgcuuugcugcug...........................................  1  1  c04
................uuuuuccgcuuugcugcuU...........................................  1  1  c04
................uuuuuccgcuuugcugcugU..........................................  1  1  c04
.................uuuuccgcuuugcugcug............................................  10  0  c04
.................uuuccgcuuugcugcugU............................................  2  1  c04
..................uuccgcuuugcugcuAa............................................  1  1  c04
..................uuccgcuuugcugcugU............................................  4  1  c04
..................uuccgcuuugcugcuga............................................  1  0  c04
..................uuccgcuuugcugcugaA...........................................  2  1  c04
.....................................................Uaacagcaaagagaaaaggucuccu.....  1  1  c04
.....................................................aacagcaaagagaaaaggucuc.....  1  0  c04
.....................................................aacagcaaagagaaaaggucucc....  1  0  c04
.....................................................acagcaaagagaaaagguc.........  1  0  c04
```

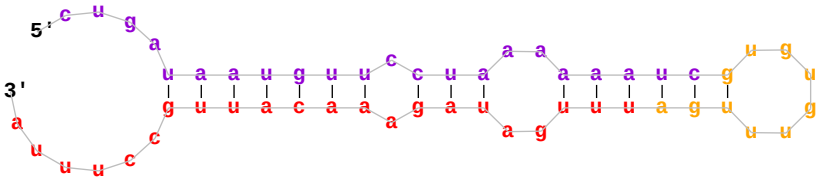
Mature Star

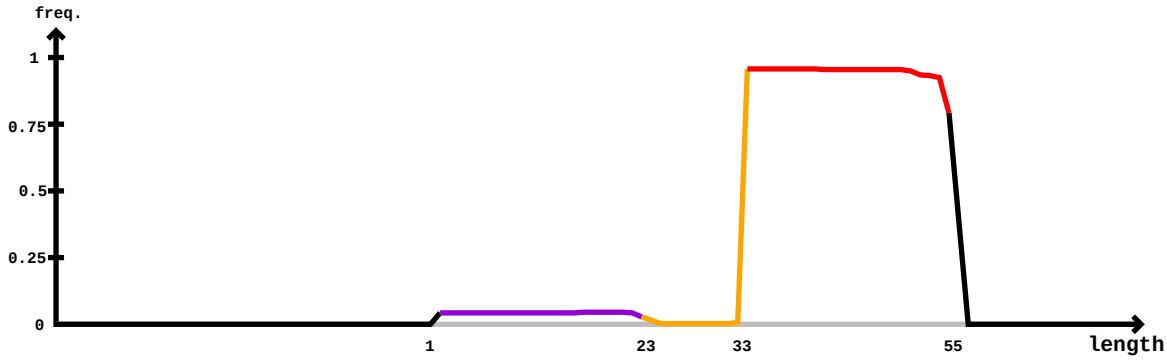
gcgaaaguucuccauaaauuugucuuuuuccgcuuugcugcugauaauuaugauuaugucaacagcaaagagaaaaggucuccuuuaugagaacuuccuccguggcaacga

.....acagcaaagagaaaaggucu.....	1	0	c04
.....acagcaaagagaaaaggucuc.....	2	0	c04
.....Ccagcaaagagaaaaggucucc.....	2	1	c04
.....aAagcaaagagaaaaggucucc.....	1	1	c04
.....acagcaaagagaaaaggucucc.....	6	0	c04
.....acagcaaagagaaaaggucuccA.....	1	1	c04
.....Ccagcaaagagaaaaggucuccu.....	1	1	c04
.....uugucuuuuuccgcuuugcug.....	1	0	c16
.....Gugucuuuuuccgcuuugcugcu.....	1	1	c16
.....uugucuuuuuccgcuuugcugcu.....	2	0	c16
.....Cgucuuuuuccgcuuugc.....	1	1	c16
.....ugucuuuuuccgcuuugc.....	4	0	c16
.....ugucuuuuuccgcuuugcu.....	5	0	c16
.....ugucuuuuuccgcuuugcug.....	12	0	c16
.....ugucuuuuuccgcuuugcugc.....	61	0	c16
.....Ggucuuuuuccgcuuugcugc.....	5	1	c16
.....ugucuuuuuccgcuuugcugU.....	1	1	c16
.....ugucCuuuuccgcuuugcugc.....	1	1	c16
.....ugucuuuuuccgcuuugcugAu.....	1	1	c16
.....ugucuuuuuAcgcuuugcugcu.....	2	1	c16
.....ugucuuuuuccgcuuugcugGu.....	1	1	c16
.....ugucAuuuuccgcuuugcugcu.....	1	1	c16
.....ugucuuuuuccgcuuCgcugcu.....	1	1	c16
.....ugucuuuuuccgcuuugcugcA.....	6	1	c16
.....ugucCuuuuccgcuuugcugcu.....	1	1	c16
.....ugucuuuuucAgcuuugcugcu.....	2	1	c16
.....ugucuuuuuccgcuuugcugcu.....	271	0	c16
.....ugucuuuuuccCcuuugcugcu.....	1	1	c16
.....ugucuuuuuccgcuuugAugcu.....	1	1	c16
.....Ggucuuuuuccgcuuugcugcu.....	21	1	c16
.....Ggucuuuuuccgcuuugcugcug.....	33	1	c16
.....Agucuuuuuccgcuuugcugcug.....	1	1	c16
.....ugucuuuuuccgAuuugcugcug.....	1	1	c16
.....ugucuuuuuccgGuuugcugcug.....	1	1	c16
.....ugucuuuuuccgcuuuUcugcug.....	1	1	c16
.....ugucuuuuuccgcuuugcugcug.....	363	0	c16
.....ugucuuuuuccgUuuugcugcug.....	1	1	c16
.....uCucuuuuuccgcuuugcugcug.....	1	1	c16
.....ugucCuuuuccgcuuugcugcug.....	2	1	c16
.....ugucuuuuuccgcuuugcugcuC.....	1	1	c16
.....ugucuuuuuccgcuuugcugAug.....	1	1	c16
.....uguUuuuuuccgcuuugcugcug.....	1	1	c16
.....uguAuuuuuccgcuuugcugcug.....	1	1	c16
.....ugucuuuuuccgcuuugcugcuA.....	3	1	c16
.....ugucuuuuuccgcuuugcugcuU.....	8	1	c16
.....ugucuuuuuccgcuuugcugcugC.....	1	1	c16
.....ugucuuuuuccgcuuugcugcuga.....	14	0	c16
.....Ggucuuuuuccgcuuugcugcuga.....	2	1	c16
.....ugucuuuuuccgcuuugcugcugU.....	49	1	c16
.....ugucuuuuuccgcuuugcugcugUu.....	4	1	c16
.....ugucuuuuuccgcuuugcugcugaA.....	1	1	c16
.....gucuuuuuccgcuuugcugcu.....	1	0	c16
.....gucuuuuuccgcuuugcugcugU.....	1	1	c16
.....cuuuuuccgcuuugcugc.....	2	0	c16
.....cuuuuuccgcuuugcugcu.....	23	0	c16
.....cuuuuuccgcuuugAugcu.....	1	1	c16
.....cuuuuuccgcuuugcugcA.....	1	1	c16
.....cuuuuuccgcuuugcugcuU.....	2	1	c16
.....cuuuuuccgcuuugcugcug.....	39	0	c16
.....cuuuuuccgcuAugcugcug.....	1	1	c16
.....cAuuuuccgcuuugcugcug.....	1	1	c16
.....cuuuuuccCcuuugcugcug.....	1	1	c16
.....cuuuuuccgcuuugcugcuga.....	1	0	c16
.....cuuuuuccgcuuugcugcugU.....	5	1	c16
.....Guuuuccgcuuugcugcu.....	1	1	c16
.....uuuuuccgcuuugcugcu.....	7	0	c16
.....uuuuuccgcuuugcugcug.....	5	0	c16
.....uuuuuccgcuuugcugcuU.....	1	1	c16
.....Guuuuccgcuuugcugcug.....	1	1	c16

Mature
Star
gcgaaaguucuccauaaaauuugucuuuuuccgcuuugcugcugauaauuaugauuauguca acagcaaagagaaaaggucucc uuuaugagaacuuccuccguggcaacga
.....Cuuuuccgcuuugcugcug..... 1 1 c16
.....uuuuccgcuuugcugcug..... 6 0 c16
.....uuuuccgcuuugcugcugU..... 2 1 c16
.....uuuccgcuuugcugcugU..... 3 1 c16
.....uuuccgcuuugcugcuga..... 4 0 c16
.....acagcaaagagaaaaggu..... 1 0 c16
.....acagcaaagagaaaagguc..... 1 0 c16
.....acagcaaagagaaaaggucu..... 1 0 c16
.....acagcaaagagaaaaggucuc..... 2 0 c16
.....Ccagcaaagagaaaaggucuc..... 1 1 c16
.....acagcaaagagaaaaggucucc..... 10 0 c16
.....Ccagcaaagagaaaaggucucc..... 2 1 c16

Provisional ID	:	group0_47
Score total	:	198.5
Score for star read(s)	:	3.9
Score for read counts	:	196.4
Score for mfe	:	-2.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	397
Mature read count	:	380
Loop read count	:	0
Star read count	:	17





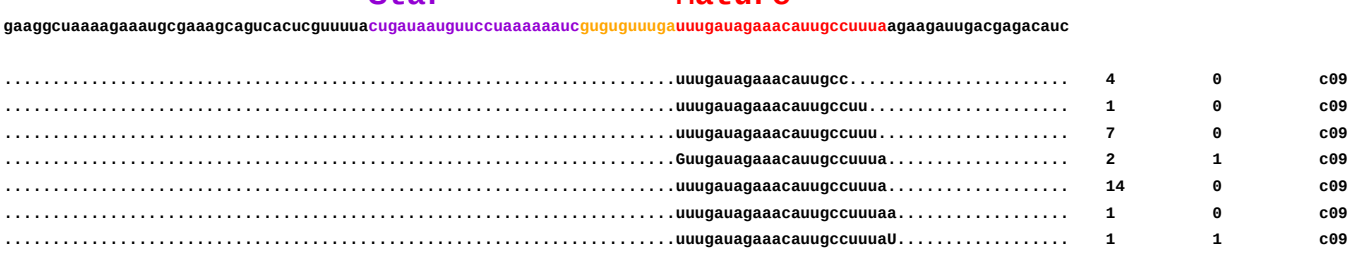
Star **Mature**

```
5'- gaaggcuaaaagaaaugcgaaagcagucacucguuuuacugauaauguuccuaaaaaaaucgugugguuugauuugauagaaacauugccuuuaagaagauugacgagacauc  -3'   obs
    gaaggcuaaaagaaaugcgaaagcagucacucguuuuacugauaauguuccuaaaaaaaucgugugguuugauuugauagaaacauugccuuuaagaagauugacgagacauc        exp
    ..............(((....)))(((((.((.((((((..(.(((((((.(((..((((((.....))))))..))).)))))))).)..)))))).)).))))........  reads   mm   sample
    ....................................cugauaauguuccuaaaaaa.....................................................  1       0    c15
    ....................................cugauaauguuccuaaaaaau....................................................  6       0    c15
    ....................................cugauaauguuccuaaaaaauc...................................................  10      0    c15
    ................................................aaaaaucgugugguuugauuugauag...................................  1       0    c15
    ..................................................uuugauagaaacauugcc.........................  1       0    c15
    ..................................................uuugauagaaacauugccuuu.....................  16      0    c15
    ..................................................uuugauagaaaAauugccuuua.....................  1       1    c15
    ..................................................uuugauagaaacCuugccuuua.....................  1       1    c15
    ..................................................uuugauagaaacauugccuuuU.....................  1       1    c15
    ..................................................Auugauagaaacauugccuuua.....................  1       1    c15
    ..................................................uuugauagaaacauugccuuua.....................  218     0    c15
    ..................................................uuugauagaaacauugccuuuaa....................  7       0    c15
    ..................................................uuugauagaaacauugccuuuaU....................  15      1    c15

    ..................................................uuugauagaaacauugccuu.......................  1       0    c02
    ..................................................Guugauagaaacauugccuuu......................  1       1    c02
    ..................................................uuugauagaaacauugccuuu......................  5       0    c02
    ..................................................Guugauagaaacauugccuuua.....................  2       1    c02
    ..................................................uuugauagaaacauugccuuua.....................  12      0    c02

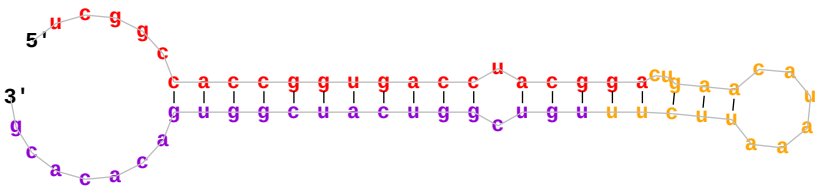
    ..................................................auuugauagaaacCuugc.........................  2       1    c04
    ..................................................uuugauagaaacauugccuu.......................  1       0    c04
    ..................................................uuugauagaaacauugccuuua.....................  6       0    c04

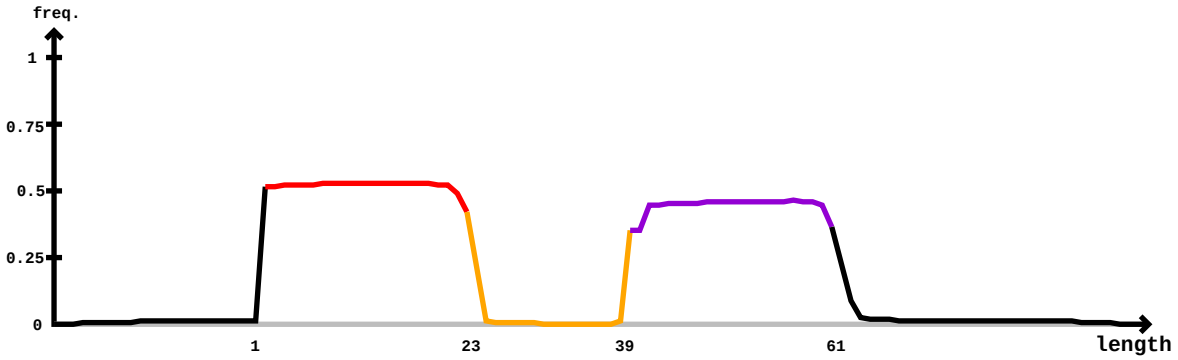
    ..................................................Guugauagaaacauugcc.........................  1       1    c16
    ..................................................uuugauagaaacauugccu........................  1       0    c16
    ..................................................Guugauagaaacauugccuuu......................  4       1    c16
    ..................................................uuugauagaaacauugccuuu......................  20      0    c16
    ..................................................uuugauagaaCcauugccuuua.....................  1       1    c16
    ..................................................uuugauagaaacauugccuuua.....................  29      0    c16
    ..................................................Guugauagaaacauugccuuua.....................  1       1    c16
    ..................................................uuugauagaaacauugccuuuaa....................  1       0    c16
    ..................................................uuugauagaaacauugccuuuaU....................  1       1    c16
```



.....uuugauagaaacauugcc.....	4	0	c09
.....uuugauagaaacauugccuu.....	1	0	c09
.....uuugauagaaacauugccuuu.....	7	0	c09
.....Guugauagaaacauugccuuua.....	2	1	c09
.....uuugauagaaacauugccuuua.....	14	0	c09
.....uuugauagaaacauugccuuuaa.....	1	0	c09
.....uuugauagaaacauugccuuuaU.....	1	1	c09

Provisional ID	:	group0_490
Score total	:	78.5
Score for star read(s)	:	3.9
Score for read counts	:	72
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	153
Mature read count	:	81
Loop read count	:	0
Star read count	:	72





Mature **Star**

```
5'- aauagcaggucuauaguucgucggccaccggugaccuacggacugaacauaaaauucuuugucggucaucggugacacacgaacugaaggucuaacguucgucggucaccagc  -3'   obs
    aauagcaggucuauaguucgucggccaccggugaccuacggacugaacauaaaauucuuugucggucaucggugacacacgaacugaaggucuaacguucgucggucaccagc        exp
    ......((((((.(((((((((..(.((((((((((((.(((((..(((......))))))))).)))))))))))))).)..)))))))).))))).....................  reads      mm         sample
    ....................ucggccaccggugaccuacg.....................................................................................  2          0          c15
    ....................ucggccaccggugaccuacgg....................................................................................  4          0          c15
    ....................ucggccaccggugaccuacgga...................................................................................  46         0          c15
    ....................Ccggccaccggugaccuacgga...................................................................................  1          1          c15
    ....................ucggccaccggugaccuacggaA..................................................................................  5          1          c15
    ..........................................................ugucggucaucggugacacac.....................................  6          0          c15
    ..........................................................ugucggucaucggugacacacU....................................  3          1          c15
    ..........................................................ugucggucaucggugacacacg....................................  21         0          c15
    ..........................................................ugucggucaucggugacacacgU...................................  1          1          c15
    ..........................................................ugucggucaucggugacacacga...................................  1          0          c15
    ............................................................ucggucaucggugacacacga...................................  3          0          c15
    ............................................................ucggucaucggugacacacgaa..................................  6          0          c15
    ..............................................................aucggugacacacgaacuga..................................  1          0          c15
    ....................................................................................aacugaaggucuaacguucgucggucacc...  1          0          c15

    ....................ucggccaccggugaccuacgg....................................................................................  2          0          c02
    ....................ucggccaccggugaccuacgga...................................................................................  2          0          c02
    ..........................................................ugucggucaucggugacacac.....................................  3          0          c02
    ..........................................................ugucggucaucggugacacacg....................................  1          0          c02
    ..........................................................Ggucggucaucggugacacacg....................................  1          1          c02
    ..............................................................ggucaucggugacacacgaa..................................  1          0          c02

    .......ggucuauaguucgucggccaccggugaccua..................................................................................  1          0          c16
    ....................ucggccaccggugaccuacg.....................................................................................  2          0          c16
    ....................ucggccaccggugaccuacgg....................................................................................  4          0          c16
    ....................Gcggccaccggugaccuacgg....................................................................................  1          1          c16
    ....................Gcggccaccggugaccuacgga...................................................................................  1          1          c16
    ....................ucggccaccCgugaccuacgga...................................................................................  1          1          c16
    ....................ucggccaccggugCccuacgga...................................................................................  1          1          c16
    ....................ucggccaccggugaccuacgga...................................................................................  2          0          c16
    ....................ucggccaccggugaccuacggaA..................................................................................  1          1          c16
    ..........................................................ugucggucaucggugacaca.....................................  2          0          c16
    ..........................................................ugucggucaucggugacacac.....................................  3          0          c16
```

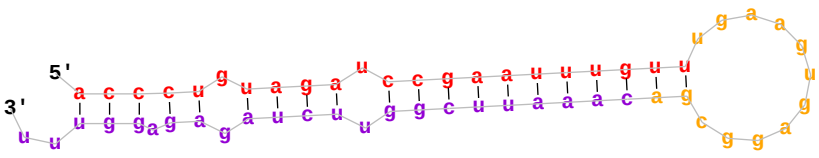
Mature Star

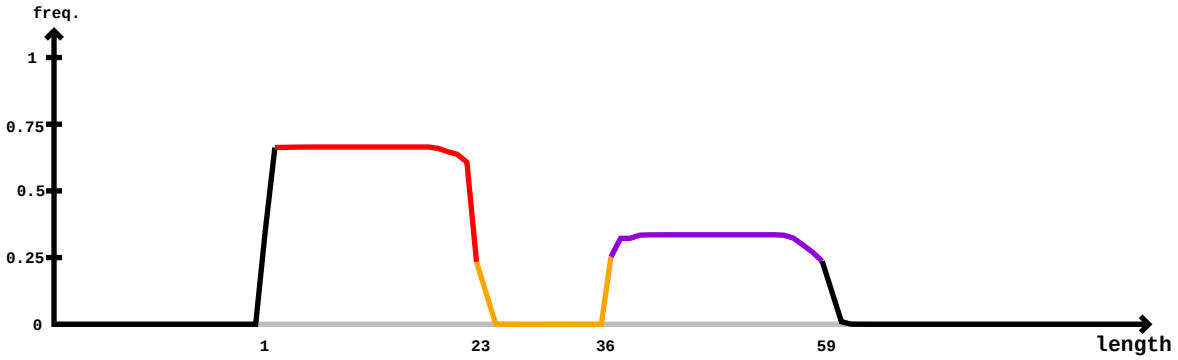
```
aauagcaggucuauaguucgucggccaccggugaccuacggacugaacauaaaauucuuugucggucaucggugacacacgaacugaaggucuaacguucgucggucaccagc
.....................................................ugucggucaucggugacacacg.....................................  6  0  c16
.....................................................ugucggucaucggugCcacacg.....................................  1  1  c16
.....................................................ucggucaucggugacacacgaa.....................................  1  0  c16

...................ucggccCccggugaccuacgga.....................................................................  1  1  c04
.....................................................ugucggucaucggugacacacg.....................................  2  0  c04
.....................................................ucggucaucggugacacacgaa.....................................  1  0  c04

.auagcaggucuauaguucgucggccaccggugaccuacg.....................................................................  1  0  c09
...................ucggccaccggugaccuacgga.....................................................................  3  0  c09
...................ucggccaccggugaccuacggaA....................................................................  1  1  c09
.....................ggccaccggugaccuacggacu....................................................................  1  0  c09
.......................accggugaccuacggacugaaca...................................................................  1  0  c09
.....................................................uugucggucaucggugacacac.....................................  1  0  c09
.....................................................uugucggucaucggugacacacga...................................  1  0  c09
.....................................................ugucggucaucggugaca.........................................  1  0  c09
.....................................................ugucggucaucggugacacacg.....................................  2  0  c09
.....................................................ucggucaucggugacacacga.....................................  2  0  c09
.....................................................ucggucaucggugacacacgaa.....................................  1  0  c09
.....................................................ucggucaucggugacacacgaaA....................................  1  1  c09
.....................................................................acacgaacugaaggucuaacguucgucggu.............  1  0  c09
```

Provisional ID	:	group0_514
Score total	:	641687.3
Score for star read(s)	:	3.9
Score for read counts	:	641677.2
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1258634
Mature read count	:	836383
Loop read count	:	0
Star read count	:	422251





Mature **Star**

```
5'- caauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug -3'   obs
    caauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug       exp
    ......((((((((((((..(((((.((((.((((((((((.....)))))))))).))))..)))..)))))))..)...))))))..............................  reads     mm      sample
    ..................Gucuacccuguagauccgaauuugu..................................................................................  2         1       c02
    ..................Gucuacccuguagauccgaauuuguu.................................................................................  1         1       c02
    ..................aAcuacccuguagauccgaauuuguu.................................................................................  1         1       c02
    ..................ucuacccuguagauccgaauuug.....................................................................................  3         0       c02
    ..................ucuacccuguagauccgaauuugu....................................................................................  2         0       c02
    ..................ucuacccuguagauccgaauuuguu...................................................................................  1         0       c02
    ..................Gcuacccuguagauccgaauuuguu...................................................................................  1         1       c02
    ..................cuacccuguagauccgaauuug......................................................................................  1         0       c02
    ..................cuUcccuguagauccgaauuugu.....................................................................................  1         1       c02
    ..................cuacccuguagauccgaauuugu.....................................................................................  4         0       c02
    ..................Auacccuguagauccgaauuugu.....................................................................................  1         1       c02
    ..................cGacccuguagauccgaauuugu.....................................................................................  1         1       c02
    ..................Uuacccuguagauccgaauuugu.....................................................................................  2         1       c02
    ..................cGacccuguagauccgaauuuguu....................................................................................  1         1       c02
    ..................cuacccuguagauccgaauuuguu....................................................................................  1         0       c02
    ..................uGcccuguagauccgaau..........................................................................................  1         1       c02
    ..................uaccAuguagauccgaau..........................................................................................  1         1       c02
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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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.....acccuCuagauccgaauuug.....	12	1	c02
.....acccuguGgauccgaauuug.....	1	1	c02
.....acccuguagauccgaauuuC.....	6	1	c02
.....acccuguagauccgaauAug.....	4	1	c02
.....acGcuguagauccgaauuug.....	1	1	c02
.....acccuguagaAccgaauuug.....	2	1	c02
.....acccuguagauccUaauuug.....	2	1	c02
.....acccuguagauccgaaGuug.....	2	1	c02
.....acUcuguagauccgaauuug.....	3	1	c02
.....acccuguagauUcgaauuug.....	1	1	c02
.....acccuguagauccgUauuug.....	1	1	c02
.....acccuguagauccgaauuuA.....	3	1	c02
.....acccuguagauccgaauuAg.....	3	1	c02
.....Cccccuguagauccgaauuug.....	1942	1	c02

Mature Star

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.....acccuguaUauccgaauuug.....	3	1	c02
.....acccuguagaGccgaauuug.....	1	1	c02
.....Ucccuguagauccgaauuug.....	2	1	c02
.....acccuguagauccAaauuug.....	1	1	c02
.....acccGguagauccgaauuug.....	2	1	c02
.....aUccuguagauccgaauuug.....	2	1	c02
.....acccCguagauccgaauuug.....	3	1	c02
.....acccuguagauccgaauuCg.....	1	1	c02
.....acccuguagaucUgaauuug.....	3	1	c02
.....acccuguaCauccgaauuug.....	5	1	c02
.....acccuguagauccgaUuuug.....	1	1	c02
.....acccuguagauccgaaCuug.....	1	1	c02
.....acccuguagauccgaGuuug.....	2	1	c02
.....Gcccuguagauccgaauuug.....	3	1	c02
.....acccuUuagauccgaauuug.....	4	1	c02
.....acccuguagaucAgaauuug.....	17	1	c02
.....acAcuguagauccgaauuug.....	19	1	c02
.....acccuguagCuccgaauuug.....	14	1	c02
.....acccuguagauccgaaAuug.....	2	1	c02
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.....acccuguagauccgaauuug.....	3605	0	c02
.....acccuguagauccgaauuuU.....	3	1	c02
.....acccAguagauccgaauuug.....	4	1	c02
.....acccuguagaAccgaauuugu.....	5	1	c02
.....acccuguagaucGgaauuugu.....	3	1	c02
.....acccuCuagauccgaauuugu.....	38	1	c02
.....acccuguagauccgaaCuugu.....	5	1	c02
.....acccAguagauccgaauuugu.....	13	1	c02
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.....acccuguagauccgaauCugu.....	1	1	c02
.....acccuguagauccgUauuugu.....	1	1	c02
.....acccuguagauccgGauuugu.....	3	1	c02
.....aUccuguagauccgaauuugu.....	15	1	c02
.....acccuguagauccgaauuugA.....	15	1	c02
.....acccuguGgauccgaauuugu.....	4	1	c02
.....acccuguagauccgaCuuugu.....	1	1	c02
.....Ucccuguagauccgaauuugu.....	6	1	c02
.....acccuguagauccgaUuuugu.....	4	1	c02
.....acccuguUgauccgaauuugu.....	4	1	c02
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.....acccuguagauccgaauuugG.....	11	1	c02
.....acUcuguagauccgaauuugu.....	3	1	c02
.....acccuAuagauccgaauuugu.....	1	1	c02
.....acccuguagUuccgaauuugu.....	1	1	c02
.....Gcccuguagauccgaauuugu.....	16	1	c02
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.....accGuguagauccgaauuugu.....	1	1	c02
.....acccugCagauccgaauuugu.....	1	1	c02
.....acccuguagauccgaaAuugu.....	5	1	c02
.....acccGguagauccgaauuugu.....	4	1	c02
.....acccuguagauccAaauuugu.....	7	1	c02
.....acccuguagCuccgaauuugu.....	55	1	c02
.....acccuguagaucUgaauuugu.....	12	1	c02
.....acccuguagauccCaauuugu.....	6	1	c02
.....acccCguagauccgaauuugu.....	5	1	c02
.....aGccuguagauccgaauuugu.....	1	1	c02
.....accUuguagauccgaauuugu.....	8	1	c02
.....acccuguaAauccgaauuugu.....	2	1	c02
.....acccuguagauccgaauuugC.....	6	1	c02
.....acccuguagauccgaauuuAu.....	1	1	c02
.....acccuguagauccgaauuugu.....	14750	0	c02
.....acccugAagauccgaauuugu.....	6	1	c02
.....acccuguagauccgaGuuugu.....	1	1	c02
.....acccugGagauccgaauuugu.....	2	1	c02
.....acccuguaUauccgaauuugu.....	5	1	c02
.....acccuguagauccgaaGuugu.....	6	1	c02
.....accAuguagauccgaauuugu.....	24	1	c02
.....acccuguagauccgaauuuCu.....	25	1	c02

Mature Star

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.....Ccccuguagauccgaauuugu.....	7193	1	c02
.....acccuguagGuccgaauuugu.....	2	1	c02
.....acccuguagauccgaauuCgu.....	3	1	c02
.....acccuguagauAcgaauuugu.....	36	1	c02
.....acccuguagauccgaauuuUu.....	11	1	c02
.....acccuguagauccgaauuAgu.....	6	1	c02
.....acccuUuagauccgaauuugu.....	10	1	c02
.....acccuguagaucAgaauuugu.....	67	1	c02
.....acAcuguagauccgaauuugu.....	63	1	c02
.....acccuguaCauccgaauuugu.....	9	1	c02
.....acccuguagauccUaauuugu.....	11	1	c02
.....acccuguagauccgCauuuguu.....	3	1	c02
.....acccuguagauccgaGuuuguu.....	14	1	c02
.....acUcuguagauccgaauuuguu.....	22	1	c02
.....acccAguagauccgaauuuguu.....	52	1	c02
.....acccuguagauccgaauuCguu.....	10	1	c02
.....acccuguaCauccgaauuuguu.....	14	1	c02
.....accGuguagauccgaauuuguu.....	2	1	c02
.....acccuguagauccgaauuuguC.....	13	1	c02
.....acccuguagauGcgaauuuguu.....	2	1	c02
.....acccuguagauccgaaCuuguu.....	14	1	c02
.....acccuguagauccgaauGuguu.....	3	1	c02
.....acccuguagauccgaauAuguu.....	36	1	c02
.....acGcuguagauccgaauuuguu.....	2	1	c02
.....acccuguagauccgaauuuguA.....	97	1	c02
.....aUccuguagauccgaauuuguu.....	31	1	c02
.....acccuguagauccgaauuugCu.....	13	1	c02
.....aAccuguagauccgaauuuguu.....	51	1	c02
.....acccugGagauccgaauuuguu.....	2	1	c02
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.....acccuguagauccgaCuuuguu.....	3	1	c02
.....Gcccuguagauccgaauuuguu.....	33	1	c02
.....acccuguagUuccgaauuuguu.....	4	1	c02
.....acccugCagauccgaauuuguu.....	7	1	c02
.....acccuguagaucGgaauuuguu.....	11	1	c02
.....acccuguagauccgaUuuuguu.....	8	1	c02
.....acAcuguagauccgaauuuguu.....	191	1	c02
.....acccuCuagauccgaauuuguu.....	104	1	c02
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.....Ccccuguagauccgaauuuguu.....	22367	1	c02
.....acccuguagauccgaauCuguu.....	10	1	c02
.....acccuguagauccgaaAuuguu.....	21	1	c02
.....acccuguagaCccgaauuuguu.....	5	1	c02
.....acccuguagauccUaauuuguu.....	23	1	c02
.....accUuguagauccgaauuuguu.....	20	1	c02
.....acccuguagaAccgaauuuguu.....	9	1	c02
.....acccuguagaucUgaauuuguu.....	31	1	c02
.....acccuguagaGccgaauuuguu.....	7	1	c02
.....aGccuguagauccgaauuuguu.....	1	1	c02
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.....acccuUuagauccgaauuuguu.....	28	1	c02
.....acccuguaAauccgaauuuguu.....	3	1	c02
.....acccuguagauAcgaauuuguu.....	108	1	c02
.....acccuguUgauccgaauuuguu.....	9	1	c02
.....acccuguagaucAgaauuuguu.....	183	1	c02
.....acccugAagauccgaauuuguu.....	27	1	c02
.....acccuguagCuccgaauuuguu.....	149	1	c02
.....acccuguagauccgaauuuguG.....	11	1	c02
.....acccuguagauccgaauuuCuu.....	75	1	c02
.....acccuguagauccgaaGuuguu.....	18	1	c02
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.....acccuguagauccgaauuugGu.....	11	1	c02
.....acccuguagGuccgaauuuguu.....	6	1	c02
.....acccuguagauccgaauuuUuu.....	16	1	c02

Mature Star

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.....acccuguagauccgGauuuguu.....	12	1	c02
.....acccuguagauccgUauuuguu.....	6	1	c02
.....acccuguaUauccgaauuuguu.....	17	1	c02
.....acccuguagauccCaauuuguu.....	20	1	c02
.....acccuguagauccgaauuGguu.....	5	1	c02
.....acccGguagauccgaauuuguu.....	5	1	c02
.....accAuguagauccgaauuuguu.....	78	1	c02
.....acccuguagauccgaauuugAu.....	48	1	c02
.....acccuguagauccgUauuuguuu.....	1	1	c02
.....acccuguagauccgaauuuguuC.....	61	1	c02
.....acccuguagauAcgaauuuguuu.....	5	1	c02
.....acccuguagauccgaauuuguuG.....	47	1	c02
.....acccuguagauccgGauuuguuu.....	1	1	c02
.....accAuguagauccgaauuuguuu.....	1	1	c02
.....acccAguagauccgaauuuguuu.....	2	1	c02
.....acccuguaCauccgaauuuguuu.....	2	1	c02
.....acccuguagauccgaauuCguuu.....	1	1	c02
.....acccuguagauccgaauuuguuA.....	816	1	c02
.....acccuguagaucAgaauuuguuu.....	3	1	c02
.....acccuguagauccgaauGuguuu.....	1	1	c02
.....acccuguagauUcgaauuuguuu.....	1	1	c02
.....acccuguagauccgaauuGguuu.....	1	1	c02
.....acccuguagauccCaauuuguuu.....	1	1	c02
.....acccugCagauccgaauuuguuu.....	2	1	c02
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.....acccuCuagauccgaauuuguuu.....	1	1	c02
.....acccuguagCuccgaauuuguuu.....	2	1	c02
.....Gcccuguagauccgaauuuguuu.....	1	1	c02
.....Ccccuguagauccgaauuuguuu.....	370	1	c02
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.....acAcuguagauccgaauuuguuu.....	4	1	c02
.....acccuguagauccgaauuuguuGg.....	6	1	c02
.....acccuguagauccgaauuuguuAg.....	2	1	c02
.....acccuguagauccgaauuuguuuU.....	22	1	c02
.....acccuguagauccgaauuuguuuC.....	1	1	c02
.....acccuguagauccgaauuuguuuA.....	21	1	c02
.....acccuguagauccgaauuuguuugU.....	1	1	c02
.....acccuguagauccgaauuuguuCga.....	2	1	c02
.....acccuguagauccgaauuuguuuUa.....	1	1	c02
.....acccuguagauccgaauuuguuuAa.....	3	1	c02
.....acccuguagauccgaauuuguuuga.....	3	0	c02
.....acccuguagauccgaauuuguuuCa.....	1	1	c02
.....Ccccuguagauccgaauuuguuuga.....	1	1	c02
.....acccuguagauccgaauuuguuugaa.....	3	0	c02
.....acccuguagauccgaauuuguuuAaa.....	1	1	c02
.....acccuguagauccgaauuuguuugaaA.....	1	1	c02
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.....acccuguagauccgaauuuguuugaagugaggc.....	1	0	c02
.....Ccccuguagauccgaauuuguuugaagugaggc.....	1	1	c02
.....acccuguagauccgaauuuguuugaagugaggcg.....	3	0	c02
.....acccuguagauccgaauuuguuugaagugaggcga.....	3	0	c02
.....Ccccuguagauccgaauuuguuugaagugaggcga.....	1	1	c02
.....cccuguagauccgaauuu.....	17	0	c02
.....Accuguagauccgaauuu.....	1	1	c02
.....cccuCuagauccgaauuu.....	1	1	c02
.....ccGuguagauccgaauuug.....	1	1	c02
.....cccuguagauccgaauuug.....	35	0	c02
.....cUcuguagauccgaauuugu.....	2	1	c02
.....cccuguagauccgaaAuugu.....	1	1	c02
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.....Accuguagauccgaauuugu.....	1	1	c02
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.....cccuguagauccgaaGuugu.....	1	1	c02
.....ccAuguagauccgaauuugu.....	3	1	c02
.....cccCguagauccgaauuugu.....	1	1	c02
.....cAcuguagauccgaauuugu.....	1	1	c02
.....cccuguagauccgaauAuguu.....	1	1	c02
.....cccuguagauccCaauuuguu.....	1	1	c02

Mature Star

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.....Accuguagauccgaauuuguu.....	1	1	c02
.....cccuguagauccgaauuuguuA.....	2	1	c02
.....cccuguagauccgaauuuguuC.....	1	1	c02
.....cccuguagauccgaauuuguuu.....	4	0	c02
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.....ccuguagauccgaauuuug.....	15	0	c02
.....ccuguagaucUgaauuugu.....	1	1	c02
.....ccuguagaGccgaauuugu.....	1	1	c02
.....ccuguagaucAgaauuugu.....	1	1	c02
.....ccuUuagauccgaauuugu.....	2	1	c02
.....ccuguagauccgaauuugu.....	110	0	c02
.....ccuguagCuccgaauuuguu.....	1	1	c02
.....ccuguagauccgaauuuguu.....	102	0	c02
.....ccuguagauccgaaAuuguu.....	1	1	c02
.....ccuguagauccgaauuuguuu.....	4	0	c02
.....ccuguagauccgaauuuguuA.....	2	1	c02
.....cuguagauccgaauuugu.....	28	0	c02
.....Uuguagauccgaauuugu.....	2	1	c02
.....cuCuagauccgaauuugu.....	1	1	c02
.....cuUuagauccgaauuugu.....	1	1	c02
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.....uguagauccgaauuuguA.....	1	1	c02
.....uguagauccgaauuuguuC.....	1	1	c02
.....uguagauccgaauuuguuA.....	1	1	c02
.....guagauccgaauuuguuA.....	1	1	c02
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.....Agacaaauucgguucuagagagguuu.....	1	1	c02
.....cCacaaauucgguucuagagagguuu.....	1	1	c02
.....cgCcaaauucgguucuagagagguuu.....	2	1	c02
.....gacaaauucgguucuagagagg.....	1	0	c02
.....gacaaauucgguucuagagaggu.....	1	0	c02
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.....gCcaaauucgguucuagagagguuu.....	1	1	c02
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.....acaaauucgguucuagagagguu.....	1	0	c02
.....acaaauucgguucuagagagguuu.....	7	0	c02
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.....caaauucCguucuagaga.....	2	1	c02
.....caaauucgUuucuagaga.....	1	1	c02
.....caaauucgguucuagaUa.....	1	1	c02
.....caaauucggAucuagaga.....	1	1	c02
.....caaauuAgguucuagaga.....	4	1	c02
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.....caaauucgguucuagagU.....	1	1	c02
.....caaauucUguucuagaga.....	3	1	c02
.....caaauucgguAcuagaga.....	1	1	c02
.....caaauucgguucuagaga.....	868	0	c02
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.....caaauucgguucuagGga.....	1	1	c02
.....caaauuUgguucuagaga.....	1	1	c02
.....caaauucgguucAagaga.....	1	1	c02
.....caaauucgguucuagagG.....	3	1	c02
.....caaauucgCuucuagaga.....	1	1	c02
.....Uaaauucgguucuagagag.....	3	1	c02
.....caaauucgguuUuagagag.....	4	1	c02
.....caaaAucgguucuagagag.....	14	1	c02
.....caaauuUgguucuagagag.....	2	1	c02
.....caaauucgguucuagGgag.....	4	1	c02
.....caaCuucgguucuagagag.....	2	1	c02

Mature Star

caauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....caaUuucgguucuagagag.....	1	1	c02
.....caaauuAgguucuagagag.....	35	1	c02
.....caaauucCguucuagagag.....	11	1	c02
.....caaauucggGucuagagag.....	8	1	c02
.....caaauucgguucuagCgag.....	4	1	c02
.....caaauucgguucuagaCag.....	9	1	c02
.....caaauucgUuucuagagag.....	8	1	c02
.....caaauucgAuucuagagag.....	2	1	c02
.....cGaauucgguucuagagag.....	1	1	c02
.....caaauucgguucuagagaU.....	11	1	c02
.....caaauucggCucuagagag.....	1	1	c02
.....caaaGucgguucuagagag.....	4	1	c02
.....cCaauucgguucuagagag.....	1	1	c02
.....caaauucggAucuagagag.....	17	1	c02
.....caaauucgguGcuagagag.....	7	1	c02
.....caaauCcgguucuagagag.....	3	1	c02
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.....caaauucgguucCagagag.....	2	1	c02
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.....caaauucgguucuagagUg.....	4	1	c02
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.....caaauucgguucuagUgag.....	6	1	c02
.....caaauucgguucuagagCg.....	7	1	c02
.....caaauucgguucuagagaA.....	49	1	c02
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.....Gaaauucgguucuagagag.....	1	1	c02
.....caaauucUguucuagagag.....	14	1	c02
.....caaauucgguucuCgagag.....	1	1	c02
.....caCauucgguucuagagag.....	2	1	c02
.....caaauucAguucuagagag.....	4	1	c02
.....caaauAcgguucuagagag.....	7	1	c02
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.....caaauucgguucuaUagag.....	8	1	c02
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.....caaauucgguuGuagagag.....	1	1	c02
.....caaauucgguucGagagag.....	1	1	c02
.....caaauucgguucuaAagag.....	2	1	c02
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.....caaauucgguucuaCagag.....	6	1	c02
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.....caaauucgguucuagaCagg.....	7	1	c02
.....caaUuucgguucuagagagg.....	3	1	c02
.....caaauuAgguucuagagagg.....	46	1	c02
.....caaauucgguucuagGgagg.....	3	1	c02
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.....caaauucgguuUuagagagg.....	7	1	c02
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.....caaauucCguucuagagagg.....	20	1	c02
.....caaauucgguucuagagaCg.....	15	1	c02
.....caaauucgAuucuagagagg.....	3	1	c02

Mature Star

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.....caaauucgguucuagagagC.....	32	1	c02
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.....caaauucgguucuCgagagg.....	1	1	c02
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.....caaauucggGucuagagagg.....	15	1	c02
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.....caaauucgguucuagagUggu.....	3	1	c02
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.....caaauucgguucuCgagaggu.....	1	1	c02
.....caaauucgguAcuagagaggu.....	9	1	c02
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Mature Star

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caaauGcgguucuagagaggu	1	1	c02
caaaCucgguucuagagaggu	1	1	c02
caaauucgguucuagaUaggu	6	1	c02
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caaauucgguuAuagagaggu	19	1	c02
caaauucgguCcuagagaggu	2	1	c02
caaauuGgguucuagagaggu	1	1	c02
caaauucgguucuagagaUgu	8	1	c02
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caaauucgguucuagagaggAu	9	1	c02
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Mature Star

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.....caaauucUguucuagagagguuu.....	50	1	c02
.....cUaauucgguucuagagagguuu.....	11	1	c02
.....caaauAcgguucuagagagguuu.....	45	1	c02
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.....caaauucgguucuagagagguuG.....	25	1	c02
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Mature Star

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.....caaauucCguucuagagagguuug.....	4	1	c02
.....caaauucUguucuagagagguuug.....	2	1	c02
.....caaauucgguucuagagagguuuC.....	112	1	c02
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.....aaauucgguucuagagaU.....	1	1	c02
.....aaauucgguucuUgagag.....	1	1	c02
.....aaauucggCucuagagag.....	1	1	c02
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Mature Star

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.....aaauucgguuAuagagaggu.....	3	1	c02
.....aaauucgguucuagaCaggu.....	1	1	c02
.....aaauucgguucuagagaggA.....	5	1	c02
.....aaauucgguucuagagaCgu.....	1	1	c02
.....aaauucggCucuagagaggu.....	1	1	c02
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.....aaauucgguucuagaCagguu.....	3	1	c02
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.....aaauucgguucuagagagguC.....	3	1	c02
.....aaauucgguucuagagaCguu.....	3	1	c02
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.....aaauucgguucuagagaggCu.....	1	1	c02
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.....aaauucgguucAagagagguu.....	1	1	c02
.....Caauucgguucuagagagguu.....	111	1	c02
.....aaauucgguucuagagagUuu.....	2	1	c02
.....aaauucCguucuagagagguu.....	1	1	c02
.....aaauucgguucuagUgagguu.....	1	1	c02
.....aaauucgguucuaUagagguu.....	3	1	c02
.....aaauucgguucGagagagguu.....	1	1	c02
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Mature Star

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.....aaauucgguucuagagaggGu.....	2	1	c02
.....aaauucgAuucuagagagguu.....	1	1	c02
.....aaauucgguucuGgagagguu.....	1	1	c02
.....aaauucgguucuagagaUguu.....	1	1	c02
.....aaauucggAucuagagagguu.....	1	1	c02
.....aaauucgguucuagagagguG.....	5	1	c02
.....aGauucgguucuagagagguu.....	1	1	c02
.....aaCuucgguucuagagagguu.....	1	1	c02
.....aaauucgguGcuagagagguu.....	2	1	c02
.....aaauucgguuAuagagagguu.....	3	1	c02
.....aaauucgguucuagagagguA.....	10	1	c02
.....aaauucgguucuagagaggAu.....	4	1	c02
.....aaauucgguucuaCagagguu.....	2	1	c02
.....aaauucgguucuagaUagguu.....	3	1	c02
.....aaauucgguucuUgagagguu.....	2	1	c02
.....aaauucgUuucuagagagguu.....	1	1	c02
.....aaauucgguucuagCgagguu.....	2	1	c02
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.....aaauuAgguucuagagagguu.....	13	1	c02
.....aaauucgCuucuagagagguu.....	9	1	c02
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.....aaGuucgguucuagagagguu.....	1	1	c02
.....aaauucggCucuagagagguu.....	6	1	c02
.....aaauuUgguucuagagagguu.....	1	1	c02
.....aaauucggGucuagagagguu.....	4	1	c02
.....aaauucgguucuagagagguuu.....	16732	0	c02
.....aaauucgguucuagagaggAuu.....	15	1	c02
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.....aaauucgguucuagagagCuuu.....	38	1	c02
.....aaauucgguGcuagagagguuu.....	8	1	c02
.....aaauucgguucuagCgagguuu.....	5	1	c02
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.....aaauucgguucuagagaUguuu.....	5	1	c02
.....aaauucAguucuagagagguuu.....	1	1	c02
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.....aaauucggCucuagagagguuu.....	2	1	c02
.....aaaCucgguucuagagagguuu.....	6	1	c02
.....aaauucUguucuagagagguuu.....	18	1	c02
.....aaauucggGucuagagagguuu.....	20	1	c02
.....aaauucgguucuagagagguAu.....	19	1	c02
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.....aaGuucgguucuagagagguuu.....	3	1	c02
.....aaauucgguucuGgagagguuu.....	8	1	c02
.....aaauucgguucuagagagAuuu.....	2	1	c02
.....aaauucgguucuagagaggCuu.....	4	1	c02
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.....aaauGcgguucuagagagguuu.....	1	1	c02
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.....aaauucgguuAuagagagguuu.....	21	1	c02

Mature Star

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.....aaauucgguucuagagagguGu.....	7	1	c02
.....aaauucgguucuagagagUuuu.....	13	1	c02
.....aaauucgguucuagaCagguuu.....	12	1	c02
.....aaauucgUuucuagagagguuu.....	3	1	c02
.....aaauAcgguucuagagagguuu.....	14	1	c02
.....Gaauucgguucuagagagguuu.....	3	1	c02
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.....aaauucgguucGagagagguuu.....	2	1	c02
.....aaauucgguucuagagaAguuu.....	1	1	c02
.....aaauucgguuUuagagagguuu.....	5	1	c02
.....aaauucgguucuagGgagguuu.....	3	1	c02
.....aGauucgguucuagagagguuu.....	5	1	c02
.....aaauucgguucuagagaggGuu.....	7	1	c02
.....aaauucgguucuagagagguuG.....	8	1	c02
.....aaUuucgguucuagagagguuu.....	2	1	c02
.....aaauucgguucuagagaguCu.....	4	1	c02
.....aaauucgguucuagagGgguuu.....	3	1	c02
.....aaauuAgguucuagagagguuu.....	61	1	c02
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.....aaauAcgguucuagagagguuug.....	3	1	c02
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.....aaauucgUuucuagagagguuug.....	1	1	c02
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.....aaauucgguuAuagagagguuug.....	7	1	c02
.....aaauucgguucuagCgagguuug.....	1	1	c02
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.....aaGuucgguucuagagagguuug.....	1	1	c02
.....aaUuucgguucuagagagguuug.....	4	1	c02
.....aaauucgguucuagagagguuuC.....	87	1	c02
.....aaauucgguucuGgagagguuug.....	1	1	c02
.....aaauucgguucuaAagagguuug.....	2	1	c02
.....Caauucgguucuagagagguuug.....	249	1	c02
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.....aaauucgguCcuagagagguuug.....	1	1	c02
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.....aaauucCguucuagagagguuug.....	6	1	c02
.....aaaCucgguucuagagagguuug.....	2	1	c02
.....aaauucgguucuagagaggAuug.....	8	1	c02
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.....aaauucUguucuagagagguuug.....	5	1	c02
.....aaauucgguucuagaAagguuug.....	1	1	c02
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.....aaauucAguucuagagagguuug.....	2	1	c02
.....aaaGucgguucuagagagguuug.....	1	1	c02
.....aaauucgguucuagagaUguuug.....	6	1	c02
.....Gaauucgguucuagagagguuug.....	3	1	c02
.....aaauucgguucuaCagagguuug.....	3	1	c02
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.....aaauucgguucuagagagCuuug.....	11	1	c02
.....aaauucgguucuagaUagguuug.....	4	1	c02
.....aaauucgguucuagagagguuuA.....	354	1	c02
.....aaauucgguucuagagGgguuug.....	3	1	c02

Mature Star

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.....aaauucgguucuagagagguCug.....	1	1	c02
.....aUauucgguucuagagagguuug.....	1	1	c02
.....aaauucgguucuagagaggGuug.....	1	1	c02
.....aaauucggAucuagagagguuug.....	2	1	c02
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.....aaauucgguucuagagagguuGg.....	1	1	c02
.....aaauucgguucuagagagguuuAu.....	29	1	c02
.....aaauucgguucuagagaggGuugu.....	1	1	c02
.....aaauucgguucuagagagguuugA.....	152	1	c02
.....aaauucgguucuaUagagguuugu.....	1	1	c02
.....aaauucUguucuagagagguuugu.....	2	1	c02
.....aaauucgguucuagagagguuugC.....	11	1	c02
.....aaauucgguucuagagagguuugu.....	646	0	c02
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.....aaauucggGucuagagagguuugu.....	1	1	c02
.....aaauuAgguucuagagagguuugu.....	3	1	c02
.....aaauucgguucuagagagguuugG.....	28	1	c02
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.....aaauucgguucuagCgagguuugu.....	1	1	c02
.....aaauucgguucuagagagguuAgu.....	1	1	c02
.....aaauucgguucuagagagguuuUu.....	305	1	c02
.....aaauucgguucuagagagCuuugu.....	1	1	c02
.....aaauucgguucuagagagguuuCu.....	18	1	c02
.....aaauucgguucuagagaggAuugu.....	1	1	c02
.....aaauucgguucuagagagguuuguC.....	3	1	c02
.....aaauucgguucuagagagguuuguA.....	24	1	c02
.....aaauucgguucuagagagguuuAug.....	1	1	c02
.....aaauucgguucuagagagguuuguU.....	22	1	c02
.....aaauucgguucuagagagguuuUug.....	1	1	c02
.....aaauucgguucuagagagguuugAg.....	1	1	c02
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.....aauucgguucuagagagg.....	18	0	c02
.....Cauucgguucuagagaggu.....	1	1	c02
.....aauucgguucuagagaggu.....	14	0	c02
.....aauucgguucuagagagguu.....	14	0	c02
.....aauucgguucuagagagCuuu.....	1	1	c02
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.....Cauucgguucuagagagguuu.....	7	1	c02
.....aUuucgguucuagagagguuu.....	1	1	c02
.....aauucgguAcuagagagguuu.....	1	1	c02
.....aauucgguucuagagagguuuU.....	14	1	c02
.....aauucgguucuagagagguuug.....	21	0	c02
.....aauucgguucuagagagguuuA.....	2	1	c02
.....Cauucgguucuagagagguuugu.....	1	1	c02
.....aauucgguucuagagagguuugC.....	1	1	c02
.....aauucgguucuagagagguuugA.....	3	1	c02
.....aauucgguucuagagagguuuUu.....	11	1	c02
.....aauucgguucuagagagguuugu.....	10	0	c02
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.....aauucgguucuagagagguuuAu.....	1	1	c02
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.....auucggAucuagagaggu.....	1	1	c02
.....auucgguucuagagaggA.....	3	1	c02
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.....auucgguuAuagagaggu.....	1	1	c02
.....auucgguucuagUgaggu.....	1	1	c02
.....auucgguucuagagaggC.....	3	1	c02
.....auucgguucuagagagCu.....	2	1	c02
.....auucgguucuGgagaggu.....	2	1	c02
.....auucgguucuagaCaggu.....	1	1	c02
.....auucgguucuagagaUgu.....	1	1	c02
.....auuAgguucuagagaggu.....	2	1	c02
.....Guucgguucuagagaggu.....	1	1	c02
.....auucgguucuagagaAgu.....	1	1	c02
.....auucgguucuagagaggu.....	675	0	c02
.....auucggGucuagagaggu.....	1	1	c02

Mature Star

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.....Cuucggguucuagagaggu.....	82	1	c02
.....auucggguucuaUagaggu.....	1	1	c02
.....auucggguucuagagagUuu.....	1	1	c02
.....auucggguucuGgagagguu.....	1	1	c02
.....auucggguucuagagagguA.....	11	1	c02
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.....auuAgguucuagagagguu.....	3	1	c02
.....Cuucggguucuagagagguu.....	67	1	c02
.....auucgguAcuagagagguu.....	1	1	c02
.....auucggguucuagCgagguu.....	1	1	c02
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.....auucggAucuagagagguuu.....	6	1	c02
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.....auucggguucuagagagguuu.....	4955	0	c02
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.....auucggguucuaCagagguuu.....	6	1	c02
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.....auucggguucAagagagguuug.....	1	1	c02
.....auucggguucuagagagguuuU.....	480	1	c02
.....auucggguucuagagagguuuA.....	59	1	c02
.....Uuucggguucuagagagguuug.....	1	1	c02
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Mature Star

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.....auucggguucuagagagUuuug.....	1	1	c02
.....Cuucggguucuagagagguuug.....	26	1	c02
.....auucggguucuagCgagguuug.....	1	1	c02
.....auucggguucuagagagguuugu.....	30	0	c02
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.....auucggguucuagagagguuuUu.....	39	1	c02
.....auucggguucuagagagguuugA.....	10	1	c02
.....auucggAucuagagagguuugu.....	1	1	c02
.....auucggguucuagagagguuugC.....	1	1	c02
.....auucggguucuagagagguuuCu.....	3	1	c02
.....auucggguucuagagagguuuAu.....	2	1	c02
.....auucggguucuagagaCguuugu.....	1	1	c02
.....auucggguucuagagagguuuguCu.....	1	1	c02
.....auucggguucuagagagguuugGgu.....	1	1	c02
.....uucgguuAuagagagguu.....	1	1	c02
.....Gucgguucuagagagguu.....	6	1	c02
.....uucgguucuagagagguA.....	2	1	c02
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.....Gucgguucuagagagguuu.....	42	1	c02
.....uucggAucuagagagguuu.....	1	1	c02
.....uuGgguucuagagagguuu.....	1	1	c02
.....uucgguucAagagagguuu.....	1	1	c02
.....uucgCuucuagagagguuug.....	1	1	c02
.....Gucgguucuagagagguuug.....	18	1	c02
.....uucgguucuagagagguuuU.....	83	1	c02
.....uucgguucuagagagguuug.....	90	0	c02
.....uucgguucuagagagguuuA.....	12	1	c02
.....uucgguucuagagagguuuC.....	1	1	c02
.....uucgguucuagagagguuugA.....	1	1	c02
.....uucgguucuagagagguuuAu.....	3	1	c02
.....uucgguucuagagagguuugu.....	7	0	c02
.....Gucgguucuagagagguuugu.....	1	1	c02
.....uucgguucuagagagguuuUu.....	3	1	c02
.....uucgguucuagagagguuuguA.....	2	1	c02
.....Gcgguucuagagagguuu.....	4	1	c02
.....ucCguucuagagagguuu.....	1	1	c02
.....ucgguucuagagagguuu.....	38	0	c02
.....ucgguucuagagagguuuA.....	2	1	c02
.....ucgguucuagagagguuuU.....	5	1	c02
.....ucgguucuagagagguuuC.....	1	1	c02
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.....ucgguucuagagagCuuug.....	1	1	c02
.....cgguucuagagagguuuU.....	6	1	c02
.....cgguucuagagagguuug.....	3	0	c02

.....aucuacccuguagauccgaauuugu.....	1	0	c15
.....ucuacccuguagauccgaauuu.....	2	0	c15
.....cuacccuguagauccgaauuugu.....	2	0	c15
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.....uacccuguagauccgaauC.....	1	1	c15
.....uacccugAagauccgaauu.....	1	1	c15
.....uacccuguagauccgaaAu.....	1	1	c15
.....uGcccuguagauccgaauu.....	1	1	c15
.....uacccuguagauccgaauu.....	473	0	c15
.....uacccuguagauccgaauuu.....	236	0	c15
.....uacccuguagauccgaauuA.....	1	1	c15
.....uacUcuguagauccgaauuu.....	1	1	c15
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.....uGcccuguagauccgaauuug.....	2	1	c15

Mature Star

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.....uacccuguagauccgaauuuC.....	2	1	c15
.....uacccuguagauccgCauuug.....	2	1	c15
.....uacccuguagauccgaCuuug.....	2	1	c15
.....uacccugGagauccgaauuug.....	2	1	c15
.....uacccuguagauccgaaCuug.....	1	1	c15
.....Gacccuguagauccgaauuug.....	1	1	c15
.....uacccuguagauccgaUuuug.....	1	1	c15
.....Aacccuguagauccgaauuug.....	2	1	c15
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.....uacccuguagauccgaauuuA.....	70	1	c15
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.....uacccuguagauUcgaauuug.....	2	1	c15
.....uacccuguagaucUgaauuug.....	2	1	c15
.....uacccCguagauccgaauuug.....	1	1	c15
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.....uacccuguagauccgaaGuugu.....	6	1	c15
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.....uacccCguagauccgaauuugu.....	65	1	c15
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.....uaUccuguagauccgaauuugu.....	54	1	c15
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.....uacccuguagauccgaauuugA.....	342	1	c15
.....uacccuguagauccgaCuuugu.....	30	1	c15
.....uacccuCuagauccgaauuugu.....	10	1	c15
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.....uacccuguagauccgaauuuAu.....	66	1	c15

Mature Star

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.....uacccuguagauAcgaauuugu.....	30	1	c15
.....uacccGguagauccgaauuugu.....	65	1	c15
.....uaccUuguagauccgaauuugu.....	48	1	c15
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.....uaccccuguagauccgaauuugG.....	68	1	c15
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.....uacAcuguagauccgaauuugu.....	26	1	c15
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.....uaccccuguaAauccgaauuugu.....	19	1	c15
.....uaccccuguagaGccgaauuugu.....	28	1	c15
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.....uacccuguagauccgaauuuUuu.....	5	1	c15
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.....uaccccuguagaCccgaauuuguu.....	1	1	c15
.....uacccuguagauccgaauuuguC.....	26	1	c15
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.....uaccccuguagauUcgaauuuguu.....	1	1	c15
.....uacccAguagauccgaauuuguu.....	1	1	c15
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.....uacccuguGgauccgaauuuguu.....	1	1	c15
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.....uaccccuguagauccgaauuuguG.....	8	1	c15
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.....uaccccuguagauccgaauuuguCu.....	3	1	c15
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.....uaccccuguagauccgaauuuguuA.....	18	1	c15
.....uacccAguagauccgaauuuguuu.....	1	1	c15
.....uaccccuguagauccgaauuuguuuA.....	3	1	c15
.....uaccccuguagauccgaauuuguuug.....	1	0	c15
.....uaccccuguagauccgaauuuguuCg.....	1	1	c15

Mature Star

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.....uacccuguagauccgaauuuguuugaU.....	1	1	c15
.....uacccuguagauccgaauuuguuugaaU.....	1	1	c15
.....uacccuguagauccgaauuuguuugaag.....	4	0	c15
.....uacccuguagauccgaauuuguuugaagug.....	1	0	c15
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.....acccuguagauGcgaauu.....	1	1	c15
.....aAccuguagauccgaauu.....	1	1	c15
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.....acccuguagauccgaGuu.....	1	1	c15
.....acccuguagaucUgaauuu.....	1	1	c15
.....acccugCagauccgaauuu.....	1	1	c15
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.....acccuguagaAccgaauuug.....	1	1	c15
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.....acccuguagaCccgaauuug.....	2	1	c15
.....accAuguagauccgaauuug.....	5	1	c15
.....acccugCagauccgaauuug.....	2	1	c15
.....acccuguagauUcgaauuug.....	5	1	c15
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.....Ucccuguagauccgaauuug.....	2	1	c15
.....acccuguagauccgGauuug.....	1	1	c15
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.....acccuguagauccgaauuuCu.....	7	1	c15
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Mature Star

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.....acccuguagauccgaCuuugu.....	6	1	c15
.....acccuguagauccgUauuugu.....	5	1	c15
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.....acccuguagauUcgaauuugu.....	23	1	c15
.....acccuguCgauccgaauuugu.....	2	1	c15
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.....acccuguagauccgaUuuugu.....	16	1	c15
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Mature Star

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.....acccAguagauccgaauuuguu.....	36	1	c15
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Mature Star

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.....cGaauucgguucuagagagguuu.....	60	1	c15
.....caaauucgguucuagagagguuCg.....	1	1	c15
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.....caaauucgguucuagagaggAuug.....	4	1	c15
.....caaauucgguucuagagagguuuU.....	12953	1	c15
.....Aaaauucgguucuagagagguuug.....	3	1	c15
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.....Uaaauucgguucuagagagguuug.....	1	1	c15
.....caaauucgguucuagagagguCug.....	1	1	c15
.....caaauucgguucuagaUagguuug.....	1	1	c15
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.....caaauucgguucuagagagAuuug.....	1	1	c15
.....caaauucgguucuCgagagguuug.....	1	1	c15
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.....caaauucgguucuagagagguuuCu.....	51	1	c15
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.....caaauucgguucuagagaUguuugu.....	1	1	c15
.....caUauucgguucuagagagguuugu.....	1	1	c15
.....cGaauucgguucuagagagguuugu.....	1	1	c15
.....caaauucgguucuagagagguuuUu.....	2683	1	c15
.....caaauucgguucCagagagguuugu.....	1	1	c15
.....caaauucgguucGagagagguuugu.....	1	1	c15
.....caaauucgguucuagagagguuugC.....	23	1	c15
.....caaauGcgguucuagagagguuugu.....	2	1	c15
.....caaauucgguucuagagagguuuAu.....	222	1	c15
.....caaauucgguucuagagagguuuugug.....	1	0	c15
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.....caaauucgguucuagagagguuuUug.....	2	1	c15
.....caaauucgguucuagagagguuuguC.....	1	1	c15
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.....aaauucgguCcuagagagguuu.....	3	1	c15
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.....aUauucgguucuagagagguuu.....	2	1	c15

Mature Star

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.....aaauucgguuAuagagagguuu.....	2	1	c15
.....Caauucgguucuagagagguuu.....	3	1	c15
.....aaauucggCucuagagagguuu.....	3	1	c15
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.....aaauucgguucuagagagguuA.....	36	1	c15
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.....aaauucgguGcuagagagguuu.....	1	1	c15
.....aaauucgguucuaAagagguuu.....	1	1	c15
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Mature Star

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.....Gaauucgguucuagagagguuugu.....	1	1	c15
.....aGauucgguucuagagagguuugu.....	1	1	c15
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.....aaauucgguucuagagagguuugCg.....	1	1	c15
.....aaauucgguucuagagagguuuguA.....	35	1	c15
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Mature Star

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.....uacccuguagauccUaauuugu.....	10	1	c16
.....uaAccuguagauccgaauuugu.....	9	1	c16
.....uacccCguagauccgaauuugu.....	6	1	c16
.....uaccccuagauccgaauuGgu.....	2	1	c16
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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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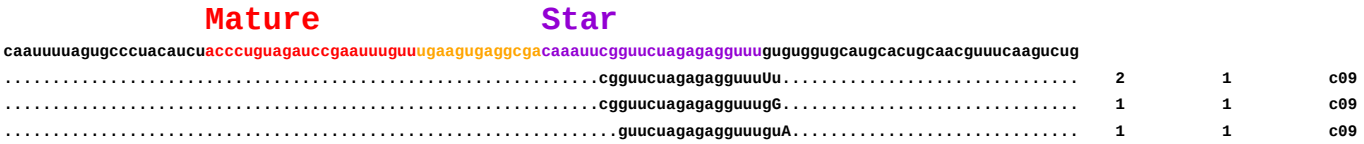
.....aCucgguucuagagagguuu.....	2	1	c09
.....auucgguucuagagaggGuu.....	2	1	c09
.....auucgguucCagagagguuu.....	1	1	c09
.....auucgguucuaUagagguuu.....	1	1	c09
.....auuGgguucuagagagguuu.....	1	1	c09
.....auAcgguucuagagagguuu.....	1	1	c09
.....auucgguucuagagagguuu.....	3109	0	c09
.....auucgguucuCgagagguuu.....	2	1	c09
.....auucgguucuagagagUuuu.....	3	1	c09
.....auucgguucuagGgagguuu.....	2	1	c09
.....auucgguucuagagagCuuu.....	5	1	c09
.....Cuucgguucuagagagguuu.....	121	1	c09
.....auucgguucuaCagagguuu.....	5	1	c09
.....auuAgguucuagagagguuu.....	5	1	c09
.....auucgguucGagagagguuu.....	2	1	c09
.....aAucgguucuagagagguuu.....	3	1	c09
.....auucgguuUuagagagguuu.....	1	1	c09
.....Uuucgguucuagagagguuu.....	4	1	c09
.....auucggCucuagagagguuu.....	2	1	c09
.....Guucgguucuagagagguuu.....	1	1	c09
.....auucgguucuagagagguuG.....	2	1	c09
.....auucgguucuagagagguuC.....	4	1	c09

Mature Star

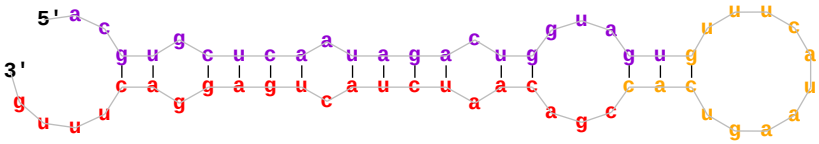
caauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucggguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

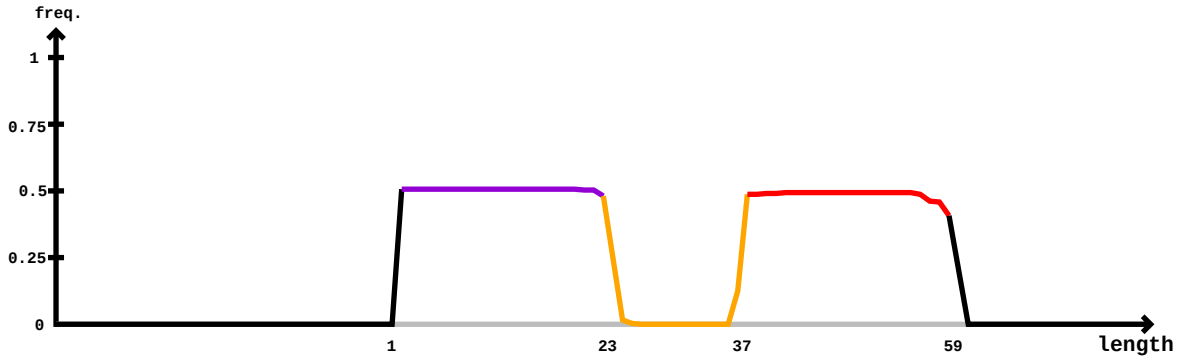
.....auucgguucuagagaUguuu.....	2	1	c09
.....auucAguucuagagagguuu.....	2	1	c09
.....auucgguucAagagagguuu.....	1	1	c09
.....auucgguucuagagaggCuu.....	2	1	c09
.....auucgguucuagagaAguuu.....	1	1	c09
.....auucgguucuagagUgguuu.....	2	1	c09
.....auucgguucuagaCagguuu.....	3	1	c09
.....auucgguucuagagagguuA.....	4	1	c09
.....auucgguucuagagagguAu.....	3	1	c09
.....auucgguucAagagagguuug.....	1	1	c09
.....auucgguucuagagagguuug.....	154	0	c09
.....Guucgguucuagagagguuug.....	1	1	c09
.....auucgguucuagagagguuuA.....	36	1	c09
.....auucgguucuagagagCuuug.....	1	1	c09
.....auucgguucuagaUagguuug.....	1	1	c09
.....auucgCuucuagagagguuug.....	1	1	c09
.....auucgguucuagagagguuuC.....	17	1	c09
.....auucgguucuagagagguuuU.....	273	1	c09
.....Cuucgguucuagagagguuug.....	8	1	c09
.....auucgguucuagagagguuuAu.....	5	1	c09
.....auucgguucuagagagguuugA.....	4	1	c09
.....auucgguucuagagagguuugG.....	1	1	c09
.....auucgguucuagagagguuuCu.....	1	1	c09
.....auucgguucuagagagguuuUu.....	21	1	c09
.....auucgguucuagagagguuugu.....	13	0	c09
.....auucgguucuagagagguuGgu.....	1	1	c09
.....auucgguucuagagagguuugC.....	1	1	c09
.....auucgguucuagagagguuuguU.....	1	1	c09
.....auucgguucuagagagguuuguCu.....	1	1	c09
.....auucgguucuagagagguuuUugu.....	1	1	c09
.....uucgguucuagagagguA.....	1	1	c09
.....uuGgguucuagagagguu.....	1	1	c09
.....Aucgguucuagagagguu.....	1	1	c09
.....Gucgguucuagagagguu.....	7	1	c09
.....uucgguucuagagagguu.....	111	0	c09
.....uucgguucuagagagguC.....	1	1	c09
.....uucgguucAagagagguuu.....	1	1	c09
.....Aucgguucuagagagguuu.....	1	1	c09
.....uucggCucuagagagguuu.....	1	1	c09
.....uucggAucuagagagguuu.....	1	1	c09
.....Gucgguucuagagagguuu.....	31	1	c09
.....uucgguucuagagagguuu.....	307	0	c09
.....uucgguucuagagagguuA.....	2	1	c09
.....uucgguucuagagagguuU.....	44	1	c09
.....uucgguucuagagagguuug.....	77	0	c09
.....Cucgguucuagagagguuug.....	1	1	c09
.....Gucgguucuagagagguuug.....	2	1	c09
.....uucgguucuagagagguuuA.....	2	1	c09
.....uucgguucuagagagguuugu.....	7	0	c09
.....uucgguucuagagagguuuUu.....	3	1	c09
.....uucgguucuagagagguuugG.....	1	1	c09
.....uucgguucuagagagguuuAu.....	1	1	c09
.....uucgguucuagagagguuugA.....	4	1	c09
.....Gucgguucuagagagguuugu.....	1	1	c09
.....uucgguucuagagagguuugAg.....	1	1	c09
.....uucgguucuagagagguuuguC.....	1	1	c09
.....ucgguucuagagagguuu.....	83	0	c09
.....ucgguucuagagaggCuu.....	1	1	c09
.....Ccgguucuagagagguuu.....	1	1	c09
.....Gcgguucuagagagguuu.....	3	1	c09
.....ucgguucuagagagCuuug.....	1	1	c09
.....ucgguucuagagagguuug.....	16	0	c09
.....ucgguucuagagagguuuA.....	1	1	c09
.....ucgguucuagagagguuuU.....	11	1	c09
.....ucgguucuagagagguuugu.....	2	0	c09
.....ucgguucuagagagguuuUu.....	2	1	c09
.....cgguucuagagagguuuC.....	1	1	c09
.....cgguucuagagagguuuU.....	13	1	c09
.....cgguucuagagagguuug.....	9	0	c09
.....cgguucuagagagguuugu.....	2	0	c09



2	1	c09
1	1	c09
1	1	c09

Provisional ID	:	group0_61
Score total	:	159.6
Score for star read(s)	:	3.9
Score for read counts	:	153.1
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	312
Mature read count	:	154
Loop read count	:	0
Star read count	:	158





Star **Mature**

```
5'- aaagaagagucuucagcauuuaagugccugcguaacgugcucaauagacugguaguguuucauaagucaccgacaaucuacugaggacuuugcgcagggacuuuauuucugc  -3'   obs
    aaagaagagucuucagcauuuaagugccugcguaacgugcucaauagacugguaguguuucauaagucaccgacaaucuacugaggacuuugcgcagggacuuuauuucugc        exp
    .((((....))))(((.....((((.((((((((((.((.((((.((((.((...(((..........)))...)).)))).)))).)).)))))))))).)))).....))).  reads     mm     sample
    ................................acgugcucaauagacugguag.....................................................................  2         0      c02
    ................................Ccgugcucaauagacugguag.....................................................................  1         1      c02
    ................................acCugcucaauagacugguagu....................................................................  1         1      c02
    ................................acgugcucaauagacugguagu....................................................................  29        0      c02
    ................................Ccgugcucaauagacugguagu....................................................................  8         1      c02
    ................................acgugcuAaauagacugguagu....................................................................  1         1      c02
    ................................aAgugcucaauagacugguagu....................................................................  1         1      c02
    ................................Ccgugcucaauagacugguagug...................................................................  2         1      c02
    ................................acgugcucaauagacugguagug...................................................................  2         0      c02
    ................................acgugcucaauagacugguagugu..................................................................  1         0      c02
    ....................................................................ccgacaaucuacugaggac.....................  2         0      c02
    ....................................................................ccgacaaucuacugaggacu....................  2         0      c02
    ....................................................................ccgacaaucuacugaggacuuu..................  5         0      c02
    ....................................................................ccgacaaucuacugaggacuuug.................  20        0      c02
    ....................................................................ccgacaaucuacugagUacuuug.................  1         1      c02
    ....................................................................ccgaGaaucuacugaggacuuug.................  1         1      c02
    ....................................................................cgacaaucuacugaggacu.....................  2         0      c02
    ....................................................................cgacaaucuacugaggacuuu...................  8         0      c02
    ....................................................................cAacaaucuacugaggacuuug..................  1         1      c02
    ....................................................................cgacaaucuacugaggacuuug..................  65        0      c02
    ....................................................................cgacaaucuacugaggacuuugA.................  1         1      c02
    ....................................................................cgacaaucuacugaggacuuugU.................  1         1      c02
    ..................................................................acaaucuacugaggacuuu.......................  1         0      c02

    ................................acgugcucaauagacugguag.....................................................................  1         0      c15
    ................................acgugcucaauagacugguagug...................................................................  1         0      c15
    ................................acgugcucaauagacugguagugu..................................................................  1         0      c15
    ................................acgugcucaauagacugguagugAu.................................................................  1         1      c15

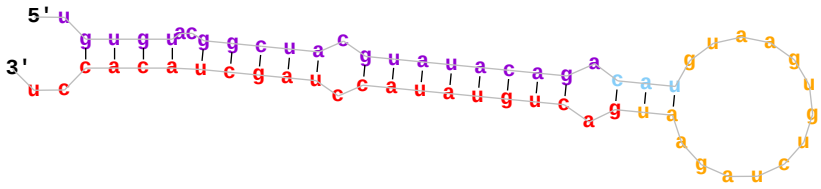
    ................................acgugcucaauagacugguagu....................................................................  12        0      c09
    ................................Ucgugcucaauagacugguagu....................................................................  1         1      c09
    ................................acgugcucaauagacugguagug...................................................................  1         0      c09
    ................................acgugcucaauagacugguaguU...................................................................  1         1      c09
```

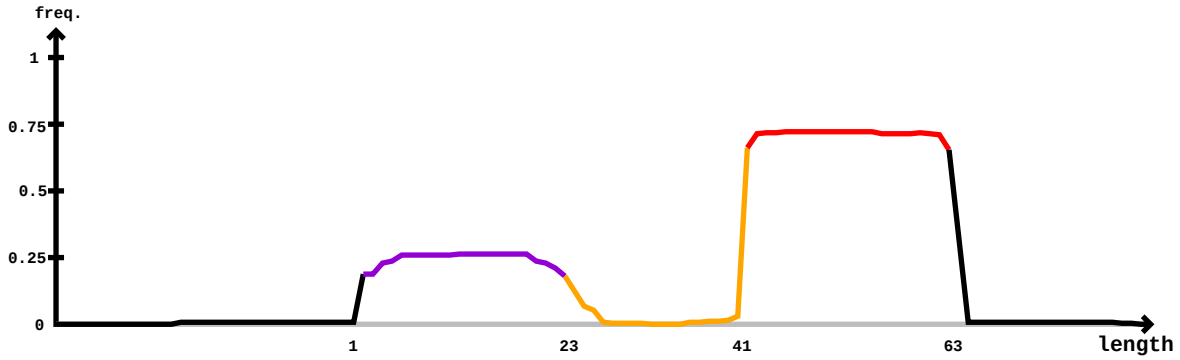
Star Mature

aaagaagagucuucagcauuuaagugccugcguaacgugcucaauagacugguagugguuucauaagucaccgacaaucuacugaggacuuugcgcagggacuuuauuucugc

.....Ccgugcucaauagacugguagug.....	1	1	c09
.....ccgacaaucuacugaggacu.....	3	0	c09
.....ccgacaaucuacugaggacuuug.....	2	0	c09
.....cgacaaucuacugaggacu.....	1	0	c09
.....cgacaaucuacugaggacuu.....	1	0	c09
.....cgacaaucuacugaggacuuu.....	2	0	c09
.....cgacaaucuacugaggacuuug.....	18	0	c09
.....cgacaaucuacugaggacuuugG.....	1	1	c09
.....acgugcucaauagacuggu.....	1	0	c16
.....acgugcucaauagacugguag.....	2	0	c16
.....Ccgugcucaauagacugguag.....	1	1	c16
.....Ccgugcucaauagacugguagu.....	14	1	c16
.....acgugcucaauagacugguagu.....	37	0	c16
.....acgugcucaauagacugCuagu.....	1	1	c16
.....acgugAucaauagacugguagu.....	1	1	c16
.....acgugcucaauagacugguagug.....	18	0	c16
.....acgugcuAaauagacugguagug.....	1	1	c16
.....Ccgugcucaauagacugguagug.....	6	1	c16
.....acgugcucaauagacugCuagug.....	1	1	c16
.....acgugcucaauagacugguagugu.....	1	0	c16
.....acgugcucaauagacugguaguUu.....	1	1	c16
.....ccgacaaucuacugaggacuuug.....	3	0	c16
.....cgacaaucuacugaggacuuug.....	11	0	c16
.....cgacaaucuacugaggacuAug.....	1	1	c16
.....aaucuacugaggacuuug.....	1	0	c16
.....Ccgugcucaauagacugguagu.....	1	1	c04
.....acgugcucaauagacugguagu.....	3	0	c04
.....acgugcucaauagacugguagug.....	1	0	c04

Provisional ID	:	group0_621
Score total	:	132.3
Score for star read(s)	:	3.9
Score for read counts	:	126.1
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	259
Mature read count	:	189
Loop read count	:	0
Star read count	:	70





Star **Mature**

```
5'- ugaagcaagaagcgcuuucuuguguauaagugguacggcuacguauacagacauguaagugucuagaaugacuguauaccuagcuacaccucguaugcaaggacacacacc  -3'   obs
    ugaagcaagaagcgcuuucuuguguauaaguguacggcuacguauacagacauguaagugucuagaaugacuguauaccuagcuacaccucguaugcaaggacacacacc        exp
    .(((((.......)))))(((((((((.((.((((..(((((.(((((((((.(((.............))).)))))))).)))))))))))).)))))))).....  reads   mm   sample
    ..........................uguguacggcuacguaua.....................................................................  2       0    c04
    ..........................Gguguacggcuacguaua.....................................................................  1       1    c04
    ..........................uguguacggcuacguauac....................................................................  1       0    c04
    ..........................uguguacggcuacguauacaC..................................................................  1       1    c04
    ..........................uguguacggcuaUguauacag..................................................................  1       1    c04
    ..........................uguguacggcuacguauacag..................................................................  2       0    c04
    ..........................uguguacggcuacguauacaga.................................................................  5       0    c04
    ..........................uguguacggcuaAguauacaga.................................................................  1       1    c04
    ............................guacggcuacguauacag....................................................................  1       0    c04
    ..................................................................gacuguauaccuagcuaca..............................  1       0    c04
    ..................................................................gacuguauaccuagcuacaccu...........................  8       0    c04
    ..................................................................Cacuguauaccuagcuacaccu...........................  1       1    c04
    ...................................................................cuguauaccuagcuacaccu............................  1       0    c04

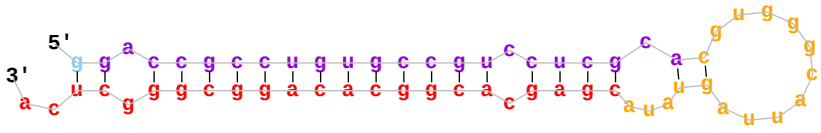
    ..........gcgcuuucuuguguauaag.........................................................................................  2       0    c16
    ..........................uguguacggcuacguaua.....................................................................  1       0    c16
    ..........................uguguacggcuacguauac....................................................................  1       0    c16
    ..........................uguguacggcuacguauaca...................................................................  4       0    c16
    ..........................uguguacggcuacguauacag..................................................................  3       0    c16
    ..........................uguguacggcuacguauacagU.................................................................  1       1    c16
    ..........................uguguacggcuacguauacaga.................................................................  13      0    c16
    ..........................uguguacggcuacguauacagac................................................................  1       0    c16
    ...........................uguacggcuacguauacagac.................................................................  1       0    c16
    ...........................uguacggcuacguauacagacau...............................................................  2       0    c16
    ............................uacggcuacguauacagaca.................................................................  1       0    c16
    ............................uacggcuacguauacagacau................................................................  1       0    c16
    ..................................................................gaUugacuguauaccuagcuacaccu...........................  1       1    c16
    ...................................................................ugacuguauaccuagcuacaccu............................  1       0    c16
    ..................................................................gacuguauaccuagcuacacc.............................  4       0    c16
    ..................................................................Cacuguauaccuagcuacaccu...........................  1       1    c16
    ..................................................................gacuguauCccuagcuacaccu...........................  1       1    c16
    ..................................................................gacAguauaccuagcuacaccu...........................  1       1    c16
    ..................................................................gCcuguauaccuagcuacaccu...........................  1       1    c16
```

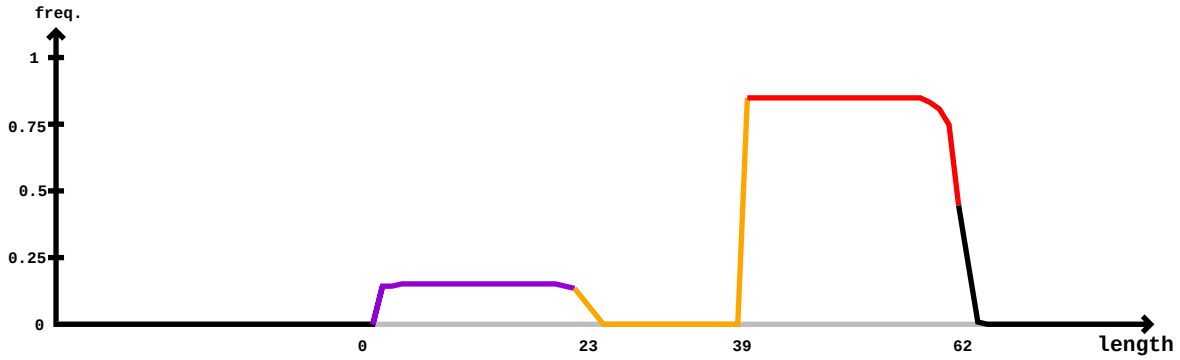
Star Mature

ugaagcaagaagcgcuuucuuguguauaagugugguacggcuacguauacagacauguaagugucuagaaugacguguauaccuagcuacaccucguaugcaaggacacacacc

.....gacuguauaccuagcuacacAu.....	1	1	c16
.....gacuguauaccuagcuacaccu.....	40	0	c16
.....gacuguauaccuagcuacaccuU.....	1	1	c16
.....acuguauaccuagcuacaccu.....	2	0	c16
.....Ccuguauaccuagcuacaccu.....	1	1	c16
.....uguguacggcuacguaua.....	3	0	c09
.....uguguacggcuacguauaca.....	1	0	c09
.....uguguacggcuacguauacaga.....	4	0	c09
.....uguacggcuacguauacagacau.....	1	0	c09
.....uacggcuacguauacagacaug.....	1	0	c09
.....augacuguauaccuagcuacaccu.....	1	0	c09
.....ugacuguauaccuagcuacaccu.....	1	0	c09
.....gacuguauaccuagcuacac.....	1	0	c09
.....gacuguauaccuagcuacacc.....	3	0	c09
.....gacuguauaccuagcuacaccu.....	17	0	c09
.....Cacuguauaccuagcuacaccu.....	1	1	c09
.....gacuguauaccuagcuacaccuA.....	1	1	c09
.....acuguauaccuagcuacacc.....	1	0	c09
.....acuguauaccuagcuacaccu.....	3	0	c09
.....guauaccuagcuacaccu.....	1	0	c09
.....uguguacggcuacguauacaga.....	1	0	c15
.....uguguacggcuacguauacagac.....	1	0	c15
.....uguacggcuacguauacagaca.....	1	0	c15
.....uguacggcuacguauacagacau.....	5	0	c15
.....guacggcuacguauacaga.....	1	0	c15
.....uacggcuGcguauacagaca.....	1	1	c15
.....uacggcuacguauGcagaca.....	1	1	c15
.....uGcguauacagacauguaag.....	1	1	c15
.....uagaaugacuguauaccuag.....	2	0	c15
.....gacuguauaccuagcuacac.....	1	0	c15
.....gacuguauaccuagcuacacc.....	6	0	c15
.....gacuguauaccuagcuacaccC.....	3	1	c15
.....gacuguauaccuagcuacaccA.....	7	1	c15
.....gacuguauaccuagcuacaccu.....	63	0	c15
.....gacuguauaccuagcuacaccuU.....	3	1	c15
.....acuguauaccuagcuacaccA.....	1	1	c15
.....acuguauaccuagcuacaccu.....	4	0	c15
.....accucguaugcaaggacacGc...	1	1	c15
.....cucguaugcaaggacacacac.	1	0	c15
.....uguCuacggcuacguauacaga.....	1	1	c02
.....uguguacggcuacguauacagacau.....	1	0	c02
.....uguacggcuacguauacagacau.....	1	0	c02
.....uacggcuacguauacagacau.....	1	0	c02
.....ugacuguauaccuagcuacaccu.....	2	0	c02
.....gacuguauaccuagcuacacc.....	1	0	c02
.....gacuguauaccuagcuacaccu.....	1	0	c02
.....Ccuguauaccuagcuacaccu.....	1	1	c02
.....acuguauaccuagcuacaccu.....	1	0	c02

Provisional ID	:	group0_65
Score total	:	62
Score for star read(s)	:	3.9
Score for read counts	:	54.7
Score for mfe	:	2.4
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	119
Mature read count	:	101
Loop read count	:	0
Star read count	:	18



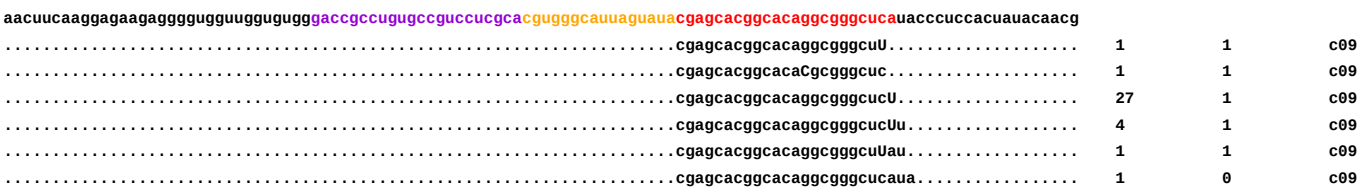


Star **Mature**

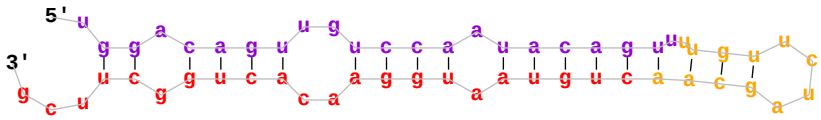
```
5'- aacuucaaggagaagaggggugguuggugugggaccgccugugccguccucgcacgugggcauuaguauuacgagcacggcacaggcgggcucauacccuccacuauacaacg -3'   obs
    aacuucaaggagaagaggggugguuggugugggaccgccugugccguccucgcacgugggcauuaguauuacgagcacggcacaggcgggcucauacccuccacuauacaacg      exp
    ..((((........))))((((((..(((((((((.((((((((((((.((((.((..........))...)))).)))))))))))))).)))))))..)))))........  reads   mm   sample
    ................................gaccgccugugccguccucg.....................................................................  1       0    c02
    ................................gCccgccugugccguccucgc....................................................................  1       1    c02
    ................................gaccgccugugccguccucgca...................................................................  3       0    c02
    ................................gaccgccugugccguccucgcaA..................................................................  1       1    c02
    ....................................................................cgagcacggcacaggcggU.....................  1       1    c02
    ....................................................................cgagcacggcacaggcgggcu...................  2       0    c02
    ....................................................................cgagcUcggcacaggcgggcuc..................  1       1    c02
    ....................................................................cgagcacggcacaggcgggcuA..................  1       1    c02
    ....................................................................cgagcacggcacCggcgggcuc..................  1       1    c02
    ....................................................................cgagcacggcacaggcgggcuc..................  3       0    c02
    ....................................................................cgagcacggcacaggcgggcuU..................  2       1    c02
    ....................................................................cgagcacggcacaggcgggcucU.................  9       1    c02
    ....................................................................cgagcacggcacaggcgggcucGu................  1       1    c02
    ....................................................................cgagcacggcacaggcgggcucUu................  4       1    c02

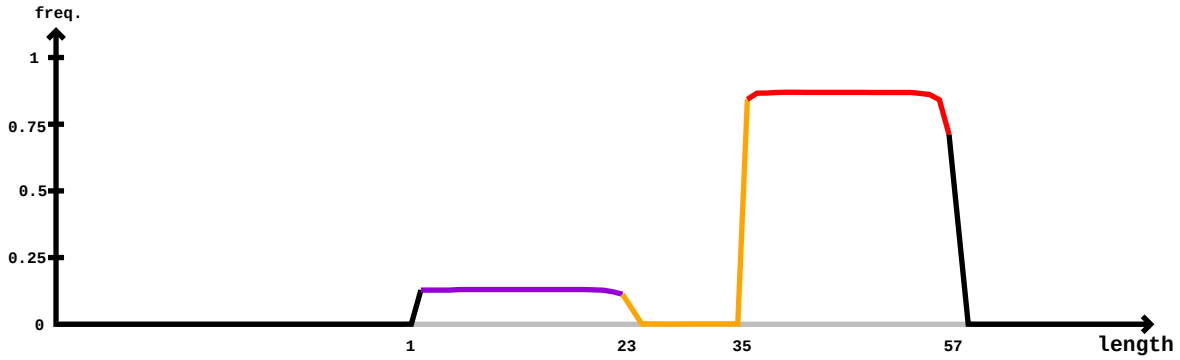
    ................................gaccgccugugccguccucgc....................................................................  1       0    c16
    ....................................................................cgagcacggcacaggcgggcuc..................  1       0    c16
    ....................................................................cgagcacggcacaggcgggcucU.................  2       1    c16
    ....................................................................cgagcacggcacaggcgggcucau................  1       0    c16
    ....................................................................cgagcacggcacaggcgggcucUu................  3       1    c16

    ................................gaccgccugugccguccuc.....................................................................  1       0    c09
    ................................gaccgccugugccguccucgU...................................................................  1       1    c09
    ................................gaccgccugugccguccucgc....................................................................  1       0    c09
    ................................gaccgccugugccguccucgca...................................................................  7       0    c09
    .................................ccgccugugccguccucgca....................................................................  1       0    c09
    ....................................................................cgagcacggcacaggcggg.....................  1       0    c09
    ....................................................................cgagcacggcacaggcgggc....................  3       0    c09
    ....................................................................cgagcaUggcacaggcgggcu...................  1       1    c09
    ....................................................................cgagcacggcacaggcgggcu...................  3       0    c09
    ....................................................................cCagcacggcacaggcgggcu...................  1       1    c09
    ....................................................................cgagcacggcacaggcgggcuc..................  24      0    c09
    ....................................................................cgCgcacggcacaggcgggcuc..................  1       1    c09
```


Star
Mature
aacuucaaggagaagaggggugguuggugugggaccgccugugccguccucgcacgugggcauuaguauacgagcacggcacaggcgggcucauacccuccacuauacaacg
.....cgagcacggcacaggcgggcuU..... 1 1 c09
.....cgagcacggcacaCgcgggcuc..... 1 1 c09
.....cgagcacggcacaggcgggcucU..... 27 1 c09
.....cgagcacggcacaggcgggcucUu..... 4 1 c09
.....cgagcacggcacaggcgggcuUau..... 1 1 c09
.....cgagcacggcacaggcgggcucaua..... 1 0 c09

Provisional ID	:	group0_712
Score total	:	1204.3
Score for star read(s)	:	3.9
Score for read counts	:	1198.2
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	2362
Mature read count	:	2054
Loop read count	:	0
Star read count	:	308





Star **Mature**

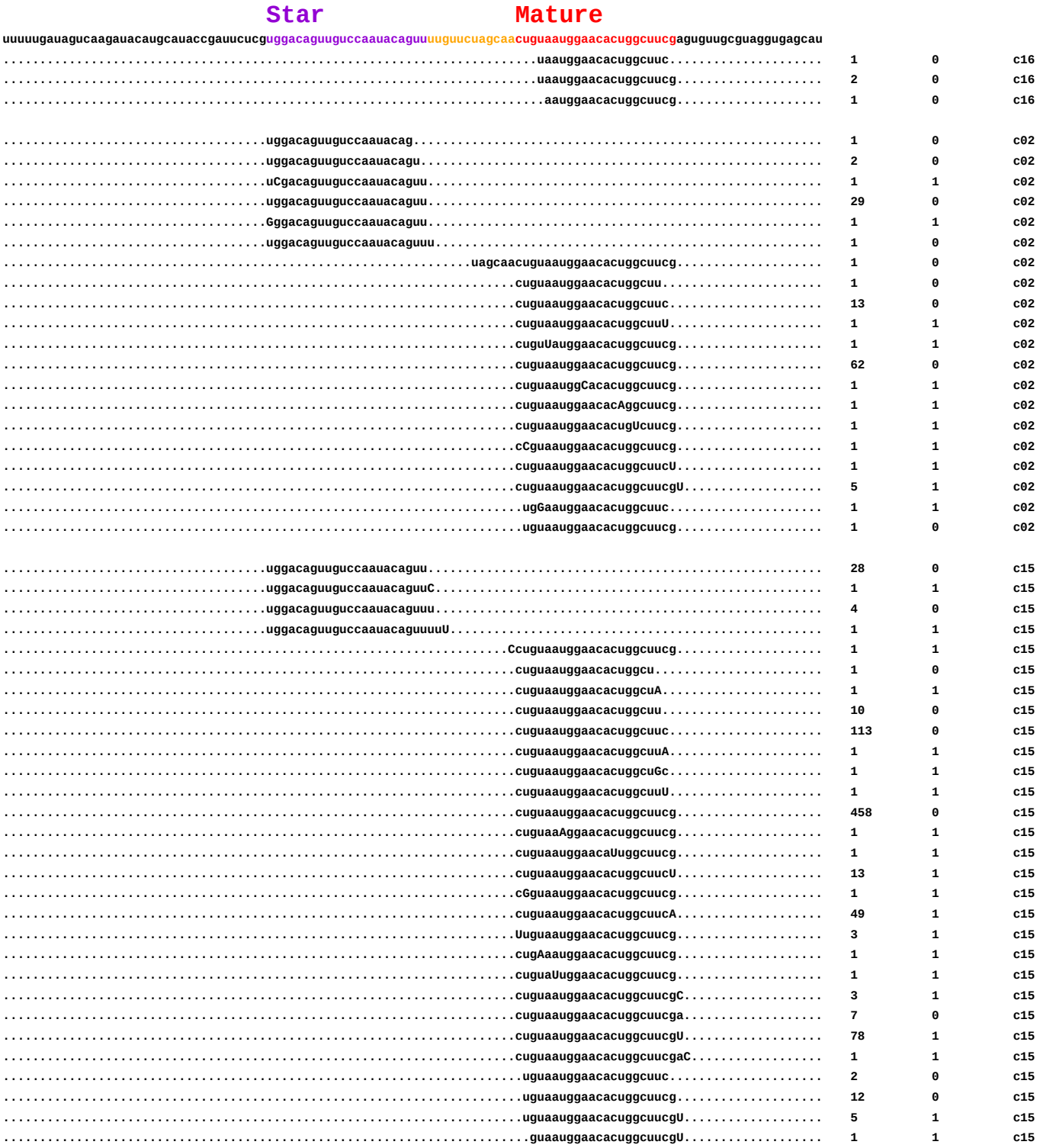
```
5'- uuuuugauagucaagauacaugcauaccgauucucguggacaguuguccaauacaguuuuguucuagcaacuguaauggaacacuggcuucgaguguugcguaggugagcau  -3'   obs
    uuuuugauagucaagauacaugcauaccgauucucguggacaguuguccaauacaguuuuguucuagcaacuguaauggaacacuggcuucgaguguugcguaggugagcau        exp
    .((((((...))))))...((((.(((((((.((((.((.((((..((((.((((((..(((....)))))))))).))))..))))).)).)))).))).)))).....)))).))))  reads     mm      sample
    ....................................uggacaguuguccaauac.....................................................................  1         0       c09
    ....................................uggacaguuguccaauaca....................................................................  2         0       c09
    ....................................uggacaguuguccaauacag...................................................................  2         0       c09
    ....................................Gggacaguuguccaauacagu..................................................................  1         1       c09
    ....................................uggacaguuguccaauacagu..................................................................  2         0       c09
    ....................................uggacaguuguccaauacaguu.................................................................  24        0       c09
    ....................................uggacaguugCccaauacaguu.................................................................  1         1       c09
    ....................................uggCcaguuguccaauacaguu.................................................................  1         1       c09
    .....................................caguuguccaauacaguu....................................................................  1         0       c09
    ........................................................................cuguaauggaacacuggc.................................  1         0       c09
    ........................................................................cuguaauggaacacuggcu................................  1         0       c09
    ........................................................................cuguaauggaacacuggcuu...............................  1         0       c09
    ........................................................................cuguaauggaacacuggcuuc..............................  6         0       c09
    ........................................................................cuguaauggaacacuggcuucg.............................  21        0       c09
    ........................................................................cuguaauggaacacuCgcuucg.............................  2         1       c09
    ........................................................................cuguaauggaacacuggcuucgU............................  4         1       c09
    ........................................................................uguaauggaacacuggcuucg..............................  1         0       c09
    ........................................................................uguaauggaacacuggcuucgU.............................  1         1       c09

    ....................................Gggacaguuguccaauacag...................................................................  1         1       c04
    ....................................uggacaguuguccaauacag...................................................................  2         0       c04
    ....................................uggacaguuguccaauacagG..................................................................  1         1       c04
    ....................................uggacaguuguccaauacagu..................................................................  1         0       c04
    ....................................uggacaguuguccaUuacaguu.................................................................  1         1       c04
    ....................................uggacaguuguccaauacaguu.................................................................  17        0       c04
    .....................................caguuguccaauacaguu....................................................................  1         0       c04
    .....................................caguuguccaauacaguuA...................................................................  1         1       c04
    ..........................................................uuguucuagcaacuguaauggaaca..................................  1         0       c04
    ........................................................................cuguaauggaacacuggc.................................  2         0       c04
    ........................................................................cuguaauggaacacuggcu................................  1         0       c04
    ........................................................................cuguaauggaacacuggcuuc..............................  5         0       c04
    ........................................................................cuguaauggaaAacuggcuucg.............................  1         1       c04
    ........................................................................cGguaauggaacacuggcuucg.............................  1         1       c04
```

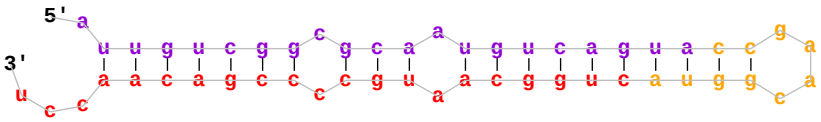
Star Mature

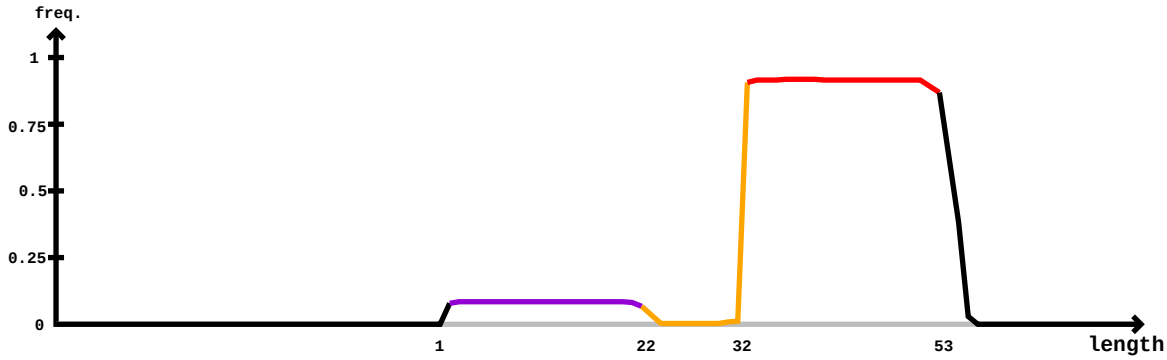
uuuuugauagucaagauacaugcauaccgauucucguggacaguuguccaauacaguuuuguucuagcaacuguaauggaacacuggcuucgaguguugcguaggugagcau

.....cuguaauggaacacuggcuucg.....	46	0	c04
.....cuguaauggaacacuggcuucU.....	1	1	c04
.....cuAuaauggaacacuggcuucg.....	1	1	c04
.....cuguaauggaacacuggcuucgU.....	6	1	c04
.....uguaauggaacacuggcuucg.....	4	0	c04
.....uaauggaacacuggcuucg.....	1	0	c04
.....uaauggaacacuggcuucgU.....	1	1	c04
.....aauggaacacuggcuucg.....	1	0	c04
.....Uuggacaguuguccaauacaguu.....	1	1	c16
.....uggacaguuguccaauac.....	2	0	c16
.....uggacaguuguccaauaca.....	1	0	c16
.....uggacaguuguccaauacaU.....	1	1	c16
.....uggacaguuguccaauacag.....	8	0	c16
.....uggacaguuguccaauacagu.....	15	0	c16
.....uggacaguugucUaauacaguu.....	1	1	c16
.....Gggacaguuguccaauacaguu.....	3	1	c16
.....uggCcaguuguccaauacaguu.....	2	1	c16
.....uggacaguuguccaauacaguC.....	1	1	c16
.....uggacaguuguUcaauacaguu.....	1	1	c16
.....uggacaguuguccaauacaguu.....	124	0	c16
.....uggacaguuguccaauacaguA.....	5	1	c16
.....uggacaguuguccaauacaguuu.....	7	0	c16
.....uggacaguuguccaauacaguuA.....	5	1	c16
.....caAuuguccaauacaguu.....	2	1	c16
.....uuuuguucuagcaacuguaa.....	1	0	c16
.....cuguaauggaacacuggc.....	5	0	c16
.....cuguaauggaacacuggcu.....	8	0	c16
.....cuguaauCgaacacuggcuu.....	1	1	c16
.....cuguaauggaacacuggcuA.....	1	1	c16
.....cuguaauggaacCcuggcuu.....	1	1	c16
.....cuguaauggaacacAggcuu.....	1	1	c16
.....cuguaauggaacacuggcuu.....	27	0	c16
.....cuguaauCgaacacuggcuuc.....	1	1	c16
.....cuguaauggaacUcuggcuuc.....	1	1	c16
.....cuguaauggaacacuggcuuA.....	2	1	c16
.....cuguaauggaacacuggcuuU.....	1	1	c16
.....cuguaauggaacacuggcuuc.....	152	0	c16
.....cuguaauggaacUcuggcuucg.....	1	1	c16
.....cuguaaugCaacacuggcuucg.....	1	1	c16
.....cuguaauggaacacuCgcuucg.....	2	1	c16
.....cuguaauggaacacuggcuucU.....	14	1	c16
.....cuguaauggaacaAuggcuucg.....	1	1	c16
.....cuguaaAggaacacuggcuucg.....	1	1	c16
.....cuguaauggaacacuggcuuAg.....	1	1	c16
.....cuguaCuggaacacuggcuucg.....	1	1	c16
.....Auguaauggaacacuggcuucg.....	1	1	c16
.....cuguaauggaacacAggcuucg.....	1	1	c16
.....cuAuaauggaacacuggcuucg.....	1	1	c16
.....cuCuaauggaacacuggcuucg.....	1	1	c16
.....cuguaauggaacacuggcuucg.....	716	0	c16
.....cuguaauggaaUacuggcuucg.....	1	1	c16
.....cuguaauCgaacacuggcuucg.....	3	1	c16
.....cuguaauggaCcacuggcuucg.....	9	1	c16
.....Guguaauggaacacuggcuucg.....	1	1	c16
.....cuguaauggaacacuggcuucC.....	1	1	c16
.....cuguaauggaacCcuggcuucg.....	2	1	c16
.....cuguaauggCacacuggcuucg.....	4	1	c16
.....cuguaauggaacacuggAuucg.....	1	1	c16
.....cuguaauggaacacuggcuucgU.....	82	1	c16
.....cuguaauggaacacuggcuucgC.....	4	1	c16
.....cuguaauggaacacuggcuucga.....	3	0	c16
.....cuguaauggaacacuggcuucgG.....	1	1	c16
.....cuguaauggaacacuggcuucUa.....	2	1	c16
.....Gguaauggaacacuggcuu.....	1	1	c16
.....uguaauggaacacuggcuu.....	1	0	c16
.....uguaauggaacacuggcuuc.....	5	0	c16
.....uguaauggaacacuggcuucg.....	13	0	c16
.....Gguaauggaacacuggcuucg.....	1	1	c16
.....uguaauggaacacuggcuucgU.....	7	1	c16


Star
Mature
uuuuugauagucaagauacaugcauaccgauucucguggacaguuguccaauacaguuuuguucuagcaacuguaauggaacacuggcuucgaguguugcguaggugagcau
.....uaauggaacacuggcuuc..... 1 0 c16
.....uaauggaacacuggcuucg..... 2 0 c16
.....aauggaacacuggcuucg..... 1 0 c16
.....uggacaguuguccaauacag..... 1 0 c02
.....uggacaguuguccaauacagu..... 2 0 c02
.....uCgacaguuguccaauacaguu..... 1 1 c02
.....uggacaguuguccaauacaguu..... 29 0 c02
.....Gggacaguuguccaauacaguu..... 1 1 c02
.....uggacaguuguccaauacaguuu..... 1 0 c02
.....uagcaacuguaauggaacacuggcuucg..... 1 0 c02
.....cuguaauggaacacuggcuu..... 1 0 c02
.....cuguaauggaacacuggcuuc..... 13 0 c02
.....cuguaauggaacacuggcuuU..... 1 1 c02
.....cuguUauggaacacuggcuucg..... 1 1 c02
.....cuguaauggaacacuggcuucg..... 62 0 c02
.....cuguaauggCacacuggcuucg..... 1 1 c02
.....cuguaauggaacacAggcuucg..... 1 1 c02
.....cuguaauggaacacugUcuucg..... 1 1 c02
.....cCguaauggaacacuggcuucg..... 1 1 c02
.....cuguaauggaacacuggcuucU..... 1 1 c02
.....cuguaauggaacacuggcuucgU..... 5 1 c02
.....ugGaauggaacacuggcuuc..... 1 1 c02
.....uguaauggaacacuggcuucg..... 1 0 c02
.....uggacaguuguccaauacaguu..... 28 0 c15
.....uggacaguuguccaauacaguuC..... 1 1 c15
.....uggacaguuguccaauacaguuu..... 4 0 c15
.....uggacaguuguccaauacaguuuuU..... 1 1 c15
.....Ccuguaauggaacacuggcuucg..... 1 1 c15
.....cuguaauggaacacuggcu..... 1 0 c15
.....cuguaauggaacacuggcuA..... 1 1 c15
.....cuguaauggaacacuggcuu..... 10 0 c15
.....cuguaauggaacacuggcuuc..... 113 0 c15
.....cuguaauggaacacuggcuuA..... 1 1 c15
.....cuguaauggaacacuggcuGc..... 1 1 c15
.....cuguaauggaacacuggcuuU..... 1 1 c15
.....cuguaauggaacacuggcuucg..... 458 0 c15
.....cuguaaAggaacacuggcuucg..... 1 1 c15
.....cuguaauggaacaUuggcuucg..... 1 1 c15
.....cuguaauggaacacuggcuucU..... 13 1 c15
.....cGguaauggaacacuggcuucg..... 1 1 c15
.....cuguaauggaacacuggcuucA..... 49 1 c15
.....Uuguaauggaacacuggcuucg..... 3 1 c15
.....cugAaauggaacacuggcuucg..... 1 1 c15
.....cuguaUuggaacacuggcuucg..... 1 1 c15
.....cuguaauggaacacuggcuucgC..... 3 1 c15
.....cuguaauggaacacuggcuucga..... 7 0 c15
.....cuguaauggaacacuggcuucgU..... 78 1 c15
.....cuguaauggaacacuggcuucgaC..... 1 1 c15
.....uguaauggaacacuggcuuc..... 2 0 c15
.....uguaauggaacacuggcuucg..... 12 0 c15
.....uguaauggaacacuggcuucgU..... 5 1 c15
.....guaauggaacacuggcuucgU..... 1 1 c15

Provisional ID	:	group0_728
Score total	:	175.2
Score for star read(s)	:	3.9
Score for read counts	:	168.4
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	342
Mature read count	:	314
Loop read count	:	0
Star read count	:	28





Star **Mature**

```
5'- auauguagcuucgucgucgaaaaccgucugcuucgcggcauugucggcgcaaugucaguaccgaacgguacuggcaaugccccgacaaccuauaaccacccuggcuucaua  -3'   obs
    auauguagcuucgucgucgaaaaccgucugcuucgcggcauugucggcgcaaugucaguaccgaacgguacuggcaaugccccgacaaccuauaaccacccuggcuucaua        exp
    .((((.((((..((((.((((.........)))))))).(((((((.(((.((((((((((....)))))))))).))).)))))))).............))))..))))  reads    mm    sample
    ..........................................auugucggcgcaaugucagu.....................................................  1        0     c16
    ..........................................auugucggcgcaaugucaguaA...................................................  2        1     c16
    ..........................................auugucggcgcaaugucaguac...................................................  2        0     c16
    ..............................................................uacuggcaaugccccgacaacU.................................  1        1     c16
    ...............................................................acuggcaaugccccgacaaccu.................................  1        0     c16
    ................................................................cuggcaaugccccgacaac...................................  1        0     c16
    ................................................................cuggcaaugccccgacaacc..................................  3        0     c16
    ................................................................cuggcaaugccccgacaCccu..................................  1        1     c16
    ................................................................cuggcaaugccccgacaaccu..................................  28       0     c16
    ................................................................cuggcaaugccccgacaaccua.................................  4        0     c16
    ................................................................cuggcaaugccccgacaaccuau................................  19       0     c16
    ................................................................cuggcaaugccccgacaaccuUu................................  1        1     c16
    ................................................................cuggcaaugccccgacaaccuauU...............................  2        1     c16
    ...............................................................uggcaaugccccgacaaccu.....................................  1        0     c16

    ................................................................cuggcaaugccccgacaaccuau................................  3        0     c04

    ..........................................auugucggcgcaaugucag.....................................................  1        0     c09
    ..........................................auugucggcgcaaugucagu....................................................  3        0     c09
    ..........................................auugucggcgcaaugucagua...................................................  3        0     c09
    ..........................................auugucggcgcaaugucaguac..................................................  1        0     c09
    ................................................................cuggcaaugccccgacaac...................................  1        0     c09
    ................................................................cuggcaaugccccgacaacc..................................  1        0     c09
    ................................................................cuggcaaugccccgacaaccu..................................  41       0     c09
    ................................................................cuggcaaugcccUgacaaccu..................................  1        1     c09
    ................................................................cuggcaaugccccgacaaccuU.................................  3        1     c09
    ................................................................cuggcaaugccccgacaaccua.................................  11       0     c09
    ................................................................cuggcaaugccccgacaaccuau................................  30       0     c09
    ................................................................cuggcaaugccccgacaaccuUu................................  1        1     c09
    ................................................................cuggcaaugccccgacaCccuau................................  1        1     c09
    ................................................................cuggcaaugccccgacaaccuauG...............................  1        1     c09
    ...............................................................uggcaaugccccgacaaccu.....................................  1        0     c09

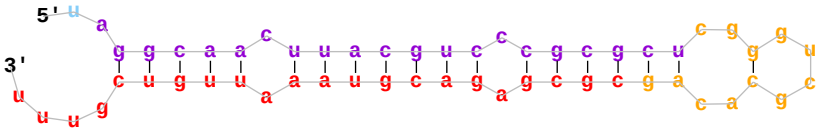
    ..........................................auugucggcgcaaugucagua...................................................  1        0     c15
```

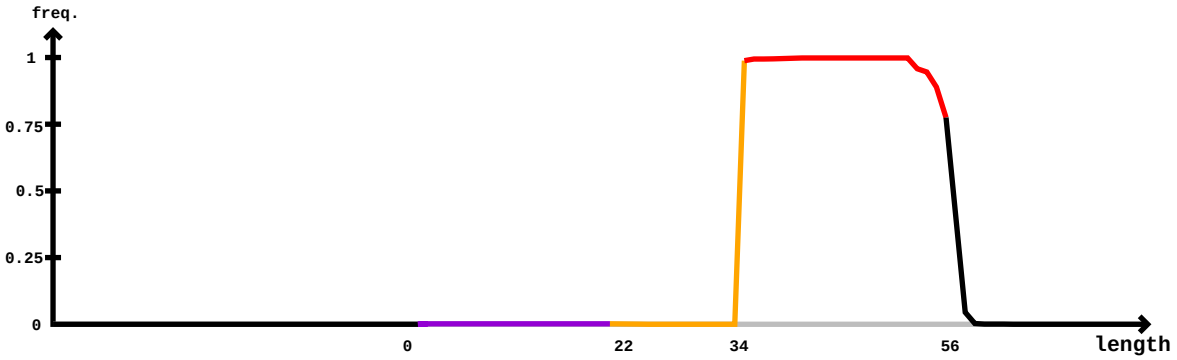
Star Mature

auauguagcuucgucgucgaaaaccgucugcuucgcggcauugucggcgcaaugucaguaccgaacgguacuggcaaugccccgacaaccuauaaccacccuggcuucaua

.....cuggcaaugccccgacaaccua.....	2	0	c15
.....cuggcaaugccccgacaaccuau.....	16	0	c15
.....cuggcaaugccccgacaaccuauU.....	3	1	c15
.....auugucggcgcaaugucagu.....	1	0	c02
.....auugucggcgcaaugucagua.....	8	0	c02
.....auugucCgcgcaaugucaguac.....	1	1	c02
.....auugucggcgcaaugucaguaU.....	1	1	c02
.....auugucggcgcaaugucaguac.....	2	0	c02
.....uugucggcgcaaugucagua.....	1	0	c02
.....uugucggcgcaaugucaguaccgaacgguacuggcaau.....	1	0	c02
.....uacuggcaaugccccgacaacU.....	1	1	c02
.....cuggcaaugccccgacaac.....	5	0	c02
.....cuggcaaugccccgCcaac.....	1	1	c02
.....cuggcaaugccccgacaacc.....	2	0	c02
.....cuggcaaugccccgacaGccu.....	1	1	c02
.....cuggcaaugccccgacaaAcu.....	1	1	c02
.....cuggcaaugccccgacaaccu.....	60	0	c02
.....cuggcaaugccccCacaaccu.....	1	1	c02
.....cuggcaaugccccgCcaaccu.....	1	1	c02
.....cuggcaaugccccgacaaccua.....	5	0	c02
.....cuggcaaugccccgacaaccuU.....	2	1	c02
.....cuggcaaugccccgaAaaccua.....	1	1	c02
.....cuggcaaugccccCacaaccua.....	1	1	c02
.....cuggcaaugccccgacaCccuau.....	1	1	c02
.....cuggcaaugccccgacaaccuUu.....	3	1	c02
.....cuggcaaugccccgacaaccuau.....	44	0	c02
.....cuggcaaugccccgacaaccuauU.....	4	1	c02
.....uggcaaugccccgacaaccuau.....	1	0	c02
.....caaugccccgacaaccuau.....	1	0	c02

Provisional ID	:	group0_732
Score total	:	914.5
Score for star read(s)	:	3.9
Score for read counts	:	904.6
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1786
Mature read count	:	1783
Loop read count	:	0
Star read count	:	3





Star **Mature**

```
5'- uuccccuauaaaaggcgcgucgcuggcuccagccguuaggcaacuuacgucccgcgcucgggucgcacagcgcgagacguaaauugucguuucaaaccuuuggaaauaaaac  -3'    obs
    uuccccuauaaaaggcgcgucgcuggcuccagccguuaggcaacuuacgucccgcgcucgggucgcacagcgcgagacguaaauugucguuucaaaccuuuggaaauaaaac        exp
    ((((.....(((((.(((..((((....)))))))..(((((.(((((((.(((((((..(....)..)))))))..)))))))..)))))........)))))))).....   reads      mm         sample
    .....................................aggcaacuuacgucccgcgcu.....................................................   1          0          c09
    .....................................aggcaacuuacgucccgcgcucA....................................................   1          1          c09
    ..........................................................cgcgagacguaaaGuguc.....................   1          1          c09
    ..........................................................cgcgagacguaaauuguU.....................   2          1          c09
    ..........................................................cgcgagaGguaaauuguc.....................   1          1          c09
    ..........................................................cgcgagacguaaauuguc.....................   41         0          c09
    ..........................................................cgcgagacguaaauugucg....................   8          0          c09
    ..........................................................cgcgagaAguaaauugucg....................   1          1          c09
    ..........................................................cgcgagacguaaauugucgu...................   49         0          c09
    ..........................................................cgcgagacguaaauuguAgu...................   1          1          c09
    ..........................................................cgcgagacguaaauugucgA...................   1          1          c09
    ..........................................................cgcgagacguaaauugucguu..................   74         0          c09
    ..........................................................cgcgagacguaaauugucgAu..................   1          1          c09
    ..........................................................cgcgagacguaaauugucguA..................   2          1          c09
    ..........................................................cAcgagacguaaauugucguuu.................   1          1          c09
    ..........................................................cgcgagacguaaauugucguuu.................   247        0          c09
    ..........................................................cgcgagacguaaauuCucguuu.................   1          1          c09
    ..........................................................cgcgagacguaaauuguUguuu.................   2          1          c09
    ..........................................................cgcgagacguaUauugucguuu.................   1          1          c09
    ..........................................................cgcgagCcguaaauugucguuu.................   2          1          c09
    ..........................................................Ugcgagacguaaauugucguuu.................   1          1          c09
    ..........................................................cgcgagacguaaaCugucguuu.................   1          1          c09
    ..........................................................cgcgagacguaaauugucguuA.................   3          1          c09
    ..........................................................cgcgagacguaaaAugucguuu.................   1          1          c09
    ..........................................................cgcgagacguaaauugucguuC.................   1          1          c09
    ..........................................................cCcgagacguaaauugucguuu.................   1          1          c09
    ..........................................................cgcgagacguaaauuguAguuu.................   1          1          c09
    ..........................................................cgcgagacguaaauugucguuuU................   29         1          c09
    ..........................................................cgcgagacguaaauugucguuuA................   10         1          c09
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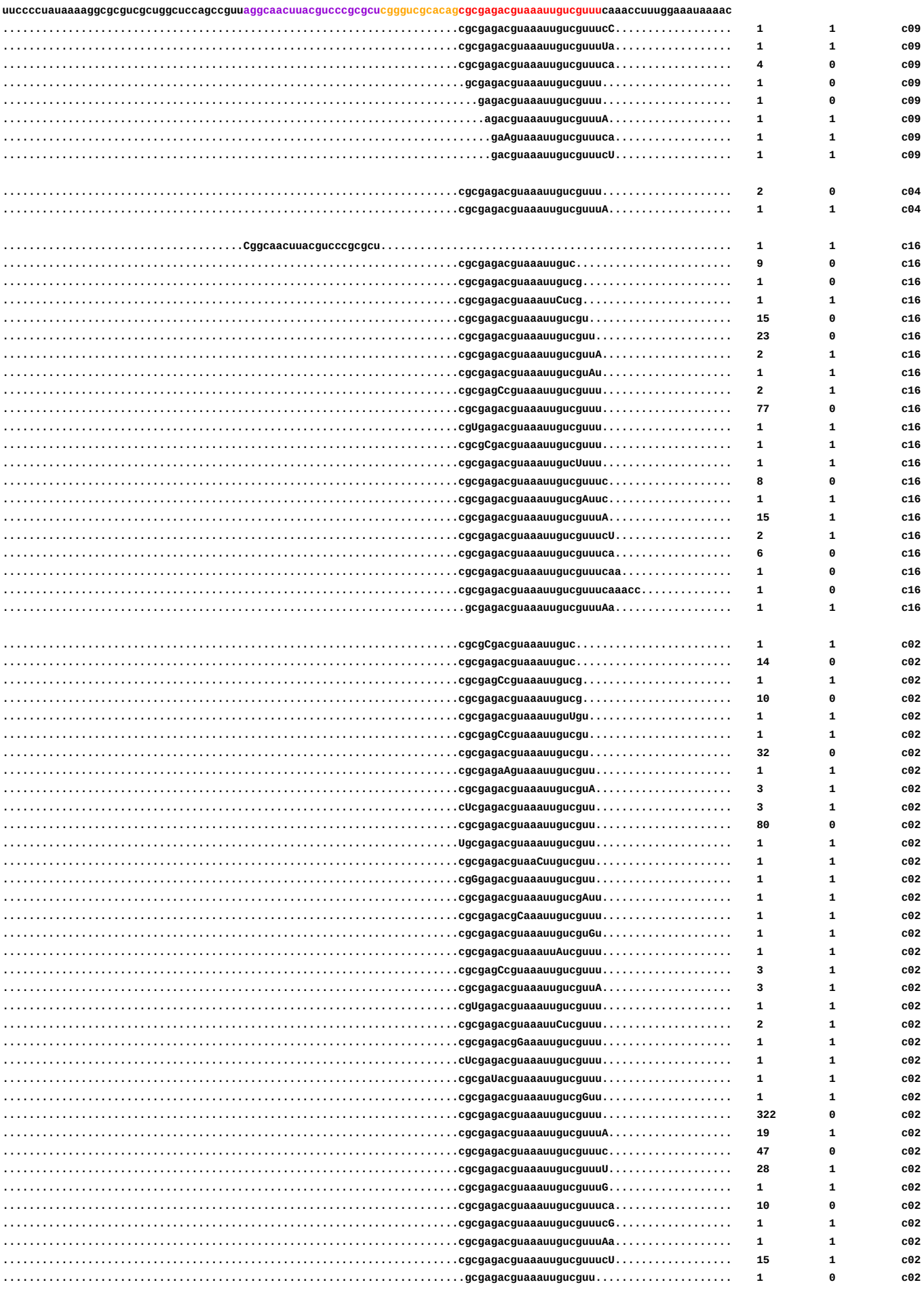
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Star Mature

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.....gcgagacguaaauugucguuu.....	1	0	c15
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Score for read counts	:	449074.5
Score for mfe	:	0.7
Score for randfold	:	1.6
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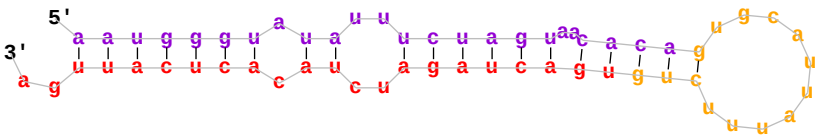

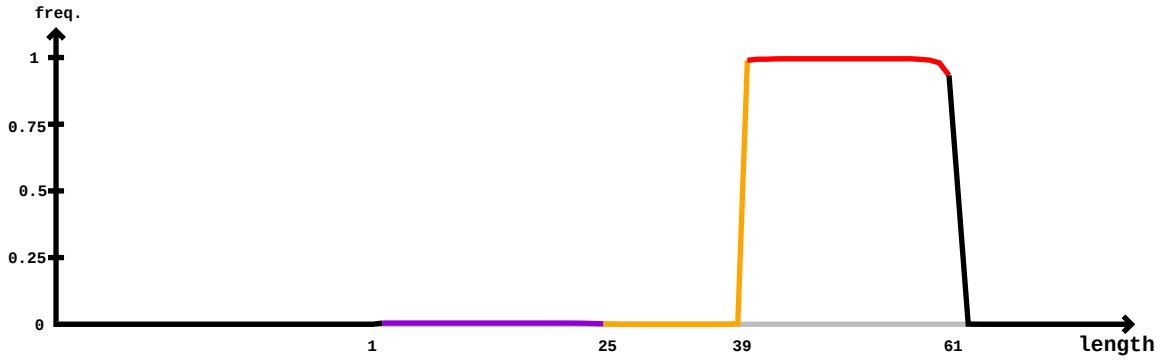

Star **Mature**

```
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    aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau        exp
    ................((.((((..(((.((((((((((.((..((((((..(((((..........)))))))))))..))).))))))))).)))..))))))..... reads    mm    sample
    ................................aauggguauauuuAuagu..................................................................... 1        1     c09
    ................................aauggguauauuucuagu...................................................................... 2        0     c09
    ................................aauggguauauuucuagua..................................................................... 5        0     c09
    ................................aGuggguauauuucuagua..................................................................... 1        1     c09
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    ....................................................................Ggugacuagaucuacacucauuga........................... 4        1     c09
    ....................................................................uCugacuagaucuacacucauuga........................... 2        1     c09
```

Star Mature

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.....Cugacuagaucuacacucauu.....	2	1	c09
.....Cugacuagaucuacacucauug.....	6	1	c09
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Star Mature

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Star Mature

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.....Gagaucuacacucauuga.....	6	1	c09
.....uagaucuacacucauugG.....	1	1	c09
.....uagaucuacacucauUga.....	18	0	c09
.....Aagaucuacacucauuga.....	1	1	c09

.....aauggguauauuucuagu.....	5	0	c16
.....aauggguauauuucuagua.....	23	0	c16
.....aauggguauauuucuaguaa.....	3	0	c16
.....Cauggguauauuucuaguaa.....	1	1	c16
.....aauggguauauuucuaguaac.....	31	0	c16
.....Cauggguauauuucuaguaac.....	1	1	c16
.....Cauggguauauuucuaguaaca.....	2	1	c16
.....aauggguauauuucuaguaaca.....	65	0	c16
.....aauggguauauuucuaguaacU.....	1	1	c16
.....aauggguauauuucuaguaacaU.....	1	1	c16
.....aauggguauauuucuaguaacac.....	73	0	c16
.....aauggguauauuucuaguaacaA.....	4	1	c16
.....Cauggguauauuucuaguaacac.....	5	1	c16

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

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.....aUuggguauauuucuaguaacaca.....	1	1	c16
.....Cauggguauauuucuaguaacaca.....	7	1	c16
.....aauggguauauuucuaguaacaca.....	262	0	c16
.....aauggguauauuucuaguaacacU.....	1	1	c16
.....aauggguauauuucuaguaacaUa.....	1	1	c16
.....aauggguauauuuAuaguaacaca.....	1	1	c16
.....aaAggguauauuucuaguaacaca.....	1	1	c16
.....aauggguauauuucuaguaacacaA.....	7	1	c16
.....aauggguauauuucuaguaacacaU.....	1	1	c16
.....aauggguauauAucuaguaacacag.....	1	1	c16
.....aauggguauauuucuaguaacacag.....	1	0	c16
.....aauggguauauuucuaguaacacaAu.....	1	1	c16
.....auggguauauuucuaguaacaca.....	1	0	c16
.....uggguauauuucuaguaacac.....	1	0	c16
.....uggguauauuucuaguaacaca.....	1	0	c16
.....ggguauauuucuaguaacac.....	1	0	c16
.....gugcauuauuucugugacuagaucuacacucauuga.....	2	0	c16
.....uGcugugacuagaucuacac.....	1	1	c16
.....ucAgugacuagaucuacac.....	1	1	c16
.....cGgugacuagaucuacacucauug.....	1	1	c16
.....cugugacuagaucuacacucauuga.....	1	0	c16
.....cGgugacuagaucuacacucauuga.....	2	1	c16
.....cCgugacuagaucuacacucauuga.....	1	1	c16
.....cuCugacuagaucuacacucauuga.....	1	1	c16
.....Gugugacuagaucuacacucauuga.....	1	1	c16
.....ugugacuagaucuacacuc.....	1	0	c16
.....Ggugacuagaucuacacuca.....	1	1	c16
.....Ggugacuagaucuacacucau.....	1	1	c16
.....Agugacuagaucuacacucau.....	1	1	c16
.....ugugacuagaucuacacucau.....	1	0	c16
.....Agugacuagaucuacacucauu.....	1	1	c16
.....Ggugacuagaucuacacucauu.....	9	1	c16
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.....Ggugacuagaucuacacucauug.....	1	1	c16
.....uCugacuagaucuacacucauug.....	2	1	c16
.....ugugacuagaucuacacucauuga.....	1	0	c16
.....uUugacuagaucuacacucauuga.....	2	1	c16
.....ugugacuagaucuacacucauuAa.....	1	1	c16
.....uCugacuagaucuacacucauuga.....	15	1	c16
.....Agugacuagaucuacacucauuga.....	1	1	c16
.....Ggugacuagaucuacacucauuga.....	4	1	c16
.....Cugacuagaucuacacucauu.....	20	1	c16
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.....Cugacuagaucuacacucauug.....	32	1	c16
.....Uugacuagaucuacacucauug.....	1	1	c16
.....Augacuagaucuacacucauuga.....	2	1	c16
.....gugacuagaucuacacucauuga.....	2	0	c16
.....Uugacuagaucuacacucauuga.....	3	1	c16
.....gGgacuagaucuacacucauuga.....	1	1	c16
.....Cugacuagaucuacacucauuga.....	307	1	c16
.....Cugacuagaucuacacucauugag.....	1	1	c16
.....ugCcuagaucuacacuca.....	1	1	c16
.....ugacuagaucuacacuca.....	300	0	c16
.....ugacuagaucAacacuca.....	2	1	c16
.....Agacuagaucuacacuca.....	9	1	c16
.....ugacuagaucuacacuAa.....	1	1	c16
.....Ggacuagaucuacacuca.....	195	1	c16
.....ugacuagCucuacacuca.....	1	1	c16
.....ugacuagaucuacacucG.....	2	1	c16
.....ugacuagaucuacacucC.....	2	1	c16
.....ugacuagaucuacacuGa.....	1	1	c16
.....ugacuaCaucuacacuca.....	1	1	c16
.....ugacuagaucuacacucU.....	1	1	c16
.....ugacuagaucuacGcuca.....	1	1	c16
.....ugacuagauAuacacuca.....	1	1	c16
.....ugaAuagaucuacacucau.....	1	1	c16
.....ugacuagaucuacacucUu.....	2	1	c16
.....Ggacuagaucuacacucau.....	179	1	c16
.....ugacuaCaucuacacucau.....	1	1	c16

Star Mature

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.....ugacuagaucuacacucau.....	235	0	c16
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.....ugacuagauUuacacucau.....	1	1	c16
.....ugacuagaucuaUacucau.....	1	1	c16
.....ugacuagaucuCcacucau.....	1	1	c16
.....ugacuagaucuacacucaA.....	2	1	c16
.....ugacuagCucuacacucau.....	1	1	c16
.....ugacuagaucuacacucaC.....	1	1	c16
.....ugacuagaAcuacacucauu.....	2	1	c16
.....ugacuagaucuacacucauu.....	2764	0	c16
.....ugacuagaucuacacuUauu.....	1	1	c16
.....ugacuagaucuacacucGuu.....	1	1	c16
.....uCacuagaucuacacucauu.....	2	1	c16
.....ugacuagaucuacacucaAu.....	1	1	c16
.....ugacuagaucuacacGcauu.....	1	1	c16
.....ugacuagaGcuacacucauu.....	1	1	c16
.....Ggacuagaucuacacucauu.....	1736	1	c16
.....ugacuagauUuacacucauu.....	4	1	c16
.....ugaAuagaucuacacucauu.....	2	1	c16
.....ugacuagaucuaAacucauu.....	3	1	c16
.....ugacuaUaucuacacucauu.....	2	1	c16
.....ugacuagaucuacacucauC.....	5	1	c16
.....ugaGuagaucuacacucauu.....	2	1	c16
.....ugacGagaucuacacucauu.....	2	1	c16
.....ugacuagCucuacacucauu.....	10	1	c16
.....ugacuagaucuacacucUuu.....	1	1	c16
.....uUacuagaucuacacucauu.....	1	1	c16
.....Agacuagaucuacacucauu.....	55	1	c16
.....ugacuagaucuacGcucauu.....	2	1	c16
.....ugacuagauAuacacucauu.....	4	1	c16
.....uAacuagaucuacacucauu.....	1	1	c16
.....ugacuGgaucuacacucauu.....	1	1	c16
.....ugacuagaucuacacuAauu.....	1	1	c16
.....ugacuagaucuacacucaGu.....	2	1	c16
.....ugCcuagaucuacacucauu.....	8	1	c16
.....Cgacuagaucuacacucauu.....	3	1	c16
.....ugacuagaucuaUacucauu.....	1	1	c16
.....ugacuagaucuacUcucauu.....	2	1	c16
.....ugacuagaucuacacAcauu.....	2	1	c16
.....ugacuagaucAacacucauu.....	1	1	c16
.....ugacuagaucuacacucCuu.....	1	1	c16
.....ugacuagaucuacCcucauu.....	14	1	c16
.....ugacCagaucuacacucauu.....	1	1	c16
.....ugacuagaucuacacucauA.....	2	1	c16
.....ugacuagaucuUcacucauu.....	2	1	c16
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.....ugacuagaucuacaAucauu.....	1	1	c16
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.....uUacuagaucuacacucauug.....	3	1	c16
.....ugacuagaucuacacucauCg.....	1	1	c16
.....ugacuagaucuaGacucauug.....	2	1	c16
.....ugacAagaucuacacucauug.....	3	1	c16
.....ugacuagaucuacacuAauug.....	5	1	c16
.....ugacuagaucuacacuGauug.....	2	1	c16
.....uCacuagaucuacacucauug.....	3	1	c16
.....ugacuagaucuacacucGuug.....	2	1	c16
.....ugacuagaucCacacucauug.....	8	1	c16
.....ugacuagaucGacacucauug.....	2	1	c16
.....ugacuagaucuCcacucauug.....	25	1	c16
.....Agacuagaucuacacucauug.....	154	1	c16
.....ugacuagaucuacacucaCug.....	5	1	c16
.....ugacuagaucuacGcucauug.....	5	1	c16
.....ugacuagauUuacacucauug.....	5	1	c16
.....ugacuagaucuacacucCuug.....	3	1	c16
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.....ugacuaCaucuacacucauug.....	1	1	c16

Star Mature

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.....ugacuagaucuacacucauAg.....	5	1	c16
.....Cgacuagaucuacacucauug.....	6	1	c16
.....ugacuagaucuacCcucauug.....	38	1	c16
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.....ugacuagaCcuacacucauug.....	3	1	c16
.....ugacuagaucuacacCcauug.....	2	1	c16
.....ugacuagaucuacaGucauug.....	3	1	c16
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.....ugacuagaucuacacucauuC.....	9	1	c16
.....ugacuagaucuacacAcauug.....	5	1	c16
.....ugacuagaucuacaUucauug.....	8	1	c16
.....ugacuagaucuaUacucauug.....	8	1	c16
.....ugacuagaucuaAacucauug.....	6	1	c16
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.....ugacuagGucuacacucauug.....	3	1	c16
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.....ugCcuagaucuacacucauug.....	33	1	c16
.....ugacuagaucuacacucaGug.....	1	1	c16
.....ugacuagaucuacacucauuU.....	6	1	c16
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.....ugacuagaGcuacacucauug.....	1	1	c16
.....ugaUuagaucuacacucauug.....	3	1	c16
.....ugacuagauAuacacucauug.....	7	1	c16
.....ugacuagaucuacacucaAug.....	3	1	c16
.....ugacuUgaucuacacucauug.....	1	1	c16
.....ugacuagaucuacacucUuuga.....	14	1	c16
.....ugacuagaucuaGacucauuga.....	18	1	c16
.....ugacuagauGuacacucauuga.....	15	1	c16
.....ugacCagaucuacacucauuga.....	10	1	c16
.....ugacuagaucuacacucauuUa.....	25	1	c16
.....ugacuagaGcuacacucauuga.....	18	1	c16
.....ugacuagaucuacacucaAuga.....	15	1	c16
.....ugacuagUucuacacucauuga.....	22	1	c16
.....ugacuGgaucuacacucauuga.....	15	1	c16
.....ugacuagaucuacaAucauuga.....	53	1	c16
.....ugacuagaucCacacucauuga.....	42	1	c16
.....ugacuagaucuacacucGuuga.....	15	1	c16
.....ugacuagaucuacacGcauuga.....	12	1	c16
.....Ggacuagaucuacacucauuga.....	38760	1	c16
.....ugaUuagaucuacacucauuga.....	24	1	c16
.....ugacuagaucuacacuAauuga.....	52	1	c16
.....ugacuagaucuacacucauAga.....	31	1	c16
.....ugUcuagaucuacacucauuga.....	16	1	c16
.....ugacuagaucuacacucCuuga.....	16	1	c16
.....ugacuagaCcuacacucauuga.....	18	1	c16
.....Agacuagaucuacacucauuga.....	1471	1	c16
.....ugacuagaucuGcacucauuga.....	26	1	c16
.....ugacuagaucuacacuUauuga.....	22	1	c16
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.....ugacAagaucuacacucauuga.....	27	1	c16
.....ugacuaAaucuacacucauuga.....	11	1	c16
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.....ugacuaCaucuacacucauuga.....	37	1	c16
.....ugacuagauUuacacucauuga.....	34	1	c16
.....ugacuaUaucuacacucauuga.....	35	1	c16
.....ugacuagauAuacacucauuga.....	82	1	c16

Star Mature

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.....ugacuagaucuacacAcauuga.....	20	1	c16
.....ugacuagaucuacacCcauuga.....	7	1	c16
.....ugacuagaucGacacucauuga.....	8	1	c16
.....uCacuagaucuacacucauuga.....	22	1	c16
.....ugacuagaucuacacucaGuga.....	37	1	c16
.....ugacuagaucuacUcucauuga.....	33	1	c16
.....ugacuagaucuacacucauugG.....	41	1	c16
.....ugacuagaucuacacucauCga.....	31	1	c16
.....ugGcuagaucuacacucauuga.....	13	1	c16
.....ugaAuagaucuacacucauuga.....	50	1	c16
.....ugacuagCucuacacucauuga.....	151	1	c16
.....ugacuagaucuacaUucauuga.....	35	1	c16
.....ugacuagaucuacacucauugU.....	143	1	c16
.....ugacuagaAcuacacucauuga.....	22	1	c16
.....uUacuagaucuacacucauuga.....	20	1	c16
.....ugacuagaucuacGcucauuga.....	25	1	c16
.....ugacuagaucuacaGucauuga.....	17	1	c16
.....ugCcuagaucuacacucauuga.....	210	1	c16
.....ugacuagaucuacacucauGga.....	6	1	c16
.....ugacuagaucuaAacucauuga.....	28	1	c16
.....ugacuCgaucuacacucauuga.....	4	1	c16
.....ugacuUgaucuacacucauuga.....	10	1	c16
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.....uAacuagaucuacacucauuga.....	19	1	c16
.....ugacuagaucuUcacucauuga.....	21	1	c16
.....ugacuagaucuacacucaCuga.....	14	1	c16
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.....ugacuagaucuacacucauuCa.....	41	1	c16
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.....ugacuagaucuacacucauugC.....	58	1	c16
.....ugacuagaucuacacucauuAa.....	7	1	c16
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.....Agacuagaucuacacucauugag.....	2	1	c16
.....ugaUuagaucuacacucauugag.....	1	1	c16
.....ugacuagaucuacCcucauugag.....	1	1	c16
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.....ugacuagaucuacacucauugGg.....	3	1	c16
.....ugacuagaucuacaAucauugag.....	1	1	c16
.....ugacuagaucuacacucauugaC.....	38	1	c16
.....uUacuagaucuacacucauugag.....	1	1	c16
.....ugacuagaucuacacucauugaA.....	3014	1	c16
.....Ggacuagaucuacacucauugag.....	74	1	c16
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.....ugacuagaucuacacucauugag.....	122	0	c16
.....ugacuagaucuacacucauugaU.....	242	1	c16
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.....ugacuagaucuacacucauugaAu.....	14	1	c16
.....ugacuagaucuacacucauugagA.....	8	1	c16
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.....Ggacuagaucuacacucauugagu.....	7	1	c16
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.....ugacuagaucuacacucauugaCu.....	1	1	c16
.....ugacuagaucuacacucauugagua.....	1	0	c16
.....ugacuagaucuacacucauugagGa.....	2	1	c16
.....gacuagaucuacacucau.....	1	0	c16
.....gGcuagaucuacacucauu.....	1	1	c16
.....gacuagaucuacacucauu.....	4	0	c16
.....gacuagaucuacaUucauug.....	1	1	c16
.....gacuagaucuacacucauug.....	10	0	c16
.....gacuagaucuacCcucauug.....	1	1	c16
.....gacuagaucuaUacucauuga.....	1	1	c16
.....Cacuagaucuacacucauuga.....	1	1	c16
.....gacuagaucuacacuAauuga.....	1	1	c16
.....gacuagaucuacCcucauuga.....	1	1	c16

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

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.....gUcuagaucuacacucauuga.....	1	1	c16
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.....gacuagaucuacacucaGuga.....	1	1	c16
.....gacuagaucuacaUucauuga.....	1	1	c16
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.....gacuagaucuacacGcauuga.....	1	1	c16
.....gGcuagaucuacacucauuga.....	4	1	c16
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.....gaAuagaucuacacucauuga.....	1	1	c16
.....gacuagaucuacacucauugaA.....	2	1	c16
.....aGuagaucuacacucauug.....	1	1	c16
.....acuagaucuacacucauug.....	2	0	c16
.....Ccuagaucuacacucauuga.....	8	1	c16
.....aUuagaucuacacucauuga.....	1	1	c16
.....acuagaucuacacucauuga.....	25	0	c16
.....acuagaucuacacucauuUa.....	1	1	c16
.....acuagaucuacacucauugaA.....	3	1	c16
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.....cuagaucuaAacucauug.....	1	1	c16
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.....cGagaucuacacucauuga.....	2	1	c16
.....cuagaucuacacucauugU.....	1	1	c16
.....cuagaucuacacucauCga.....	1	1	c16
.....cuagaucuacacucauuUa.....	1	1	c16
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.....cuagaucuacacucaGuga.....	1	1	c16
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.....Uuagaucuacacucauuga.....	1	1	c16
.....cuagaucuacacucaCuga.....	1	1	c16
.....cuagaucuacacucauugaU.....	1	1	c16
.....cuagaucuacacucauugag.....	2	0	c16
.....cuagaucuacacucauugaA.....	14	1	c16
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.....agaucuacacucauugaA.....	1	1	c16
.....agaucuacacucauugag.....	1	0	c16
.....guacguuuaggacaacau	1	0	c16

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.....aauggguauauuucuagua.....	2	0	c04
.....aauggguauauuucuaguaa.....	1	0	c04
.....aauggguauauuucuaguaac.....	6	0	c04
.....aauggguauauuucuaguaaca.....	11	0	c04
.....aaugCguauauuucuaguaacac.....	1	1	c04
.....aauggguauauuucuaguaacac.....	20	0	c04
.....aauggguauauuucuaguaacaA.....	1	1	c04
.....aauggguauauuucCaguaacaca.....	1	1	c04
.....aauggguauauuucuaguaacacU.....	1	1	c04
.....aauggguauauuucuaguaacCca.....	1	1	c04
.....aauggguauauCucuaguaacaca.....	1	1	c04
.....Cauggguauauuucuaguaacaca.....	1	1	c04
.....aauggguauauuucuaguaacaca.....	54	0	c04
.....aauggguauauuucuaguaacacaA.....	8	1	c04
.....uggguauauuucuaguaac.....	1	0	c04
.....ggguauauuucuaguaacac.....	1	0	c04
.....gugcauuauuucugugacuagaucuacacucauuga.....	1	0	c04

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

.....uucGgugacuagaucuacacucauuga.....	1	1	c04
.....ucuUugacuagaucuacacucauuga.....	1	1	c04
.....Gugugacuagaucuacacucauu.....	1	1	c04
.....uCugacuagaucuacacuc.....	1	1	c04
.....uCugacuagaucuacacucauuga.....	5	1	c04
.....Ggugacuagaucuacacucauuga.....	2	1	c04
.....Cugacuagaucuacacuc.....	2	1	c04
.....Cugacuagaucuacacuca.....	1	1	c04
.....Cugacuagaucuacacucauu.....	1	1	c04
.....Cugacuagaucuacacucauug.....	1	1	c04
.....gugacuagaucuacacucauug.....	1	0	c04
.....Cugacuagaucuacacucauuga.....	67	1	c04
.....ugacuagaucuacacuAa.....	1	1	c04
.....ugacuagaucuacacuGa.....	1	1	c04
.....ugacuagaucuacacucG.....	3	1	c04
.....ugacuagaucuacacucU.....	1	1	c04
.....ugacuagauGuacacuca.....	1	1	c04
.....ugacuagaucuacacucC.....	1	1	c04
.....Ggacuagaucuacacuca.....	47	1	c04
.....ugacuagCucuacacuca.....	1	1	c04
.....Agacuagaucuacacuca.....	6	1	c04
.....ugacuagaucuacacuUa.....	2	1	c04
.....ugacuagaucuacacuca.....	141	0	c04
.....ugacuagaucuacacuAau.....	1	1	c04
.....Ggacuagaucuacacucau.....	53	1	c04
.....ugacuagaucuacaAucau.....	1	1	c04
.....ugacuagaucuacacucaC.....	3	1	c04
.....ugacuagaucuacacucaG.....	1	1	c04
.....ugacuagaucuacacucUu.....	3	1	c04
.....ugacuagauUuacacucau.....	1	1	c04
.....ugacuagaucuacacucaA.....	2	1	c04
.....ugacuagaucuacacuUau.....	1	1	c04
.....ugacuagaucuacacucGu.....	1	1	c04
.....ugacuagaucuacacucau.....	112	0	c04
.....ugacuagaucuCcacucau.....	1	1	c04
.....ugacuagaucuacacucauA.....	3	1	c04
.....ugacuagaucuacCcucauu.....	4	1	c04
.....ugacuagaucuacaAucauu.....	1	1	c04
.....ugacuagaucuacacucauC.....	3	1	c04
.....ugacuagaucuacacucGuu.....	1	1	c04
.....ugacuagaucuGcacucauu.....	1	1	c04
.....ugaAuagaucuacacucauu.....	1	1	c04
.....ugacuagaucuacacucaGu.....	1	1	c04
.....ugacuagauUuacacucauu.....	1	1	c04
.....Ggacuagaucuacacucauu.....	275	1	c04
.....ugacuagaucuacacuUauu.....	1	1	c04
.....ugacuagCucuacacucauu.....	1	1	c04
.....ugacuagaucuacacCcauu.....	1	1	c04
.....ugacuagaucuacacucauu.....	656	0	c04
.....ugacuUgaucuacacucauu.....	1	1	c04
.....ugacuagaucuacacucaCu.....	1	1	c04
.....ugacuagaGcuacacucauu.....	1	1	c04
.....Agacuagaucuacacucauu.....	7	1	c04
.....ugacuagaucuaGacucauu.....	1	1	c04
.....ugacuagaucAacacucauu.....	1	1	c04
.....ugacCagaucuacacucauug.....	1	1	c04
.....ugacuagaucuacacuAauug.....	1	1	c04
.....ugacuagauAuacacucauug.....	2	1	c04
.....ugacuagaucuacaGucauug.....	1	1	c04
.....ugacuagaucuacacucauuA.....	5	1	c04
.....ugacuagaucuacacAcauug.....	2	1	c04
.....ugCcuagaucuacacucauug.....	3	1	c04
.....ugacuagaucuacacucauuU.....	9	1	c04
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.....Ggacuagaucuacacucauug.....	201	1	c04
.....ugacuagaucuacacucauug.....	561	0	c04
.....ugacuagaucuacaUucauug.....	1	1	c04
.....ugacuagaucuacacucauuC.....	2	1	c04
.....ugacuagaucuacaAucauug.....	2	1	c04
.....ugacuagaucuacacucauAg.....	1	1	c04

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

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.....uUacuagaucuacacucauug.....	1	1	c04
.....ugacuGgaucuacacucauug.....	1	1	c04
.....Agacuagaucuacacucauug.....	6	1	c04
.....ugacuagaucCacacucauug.....	1	1	c04
.....ugacuagaucuacCcucauug.....	2	1	c04
.....ugacuagaucuacacuGauuga.....	1	1	c04
.....ugacuagaucuacacucaGuga.....	4	1	c04
.....ugacuagaucuacacCcauuga.....	2	1	c04
.....ugacuagaucuCcacucauuga.....	11	1	c04
.....ugacuagauUuacacucauuga.....	8	1	c04
.....ugacGagaucuacacucauuga.....	2	1	c04
.....ugacuagaucuacacucGuuga.....	4	1	c04
.....ugacuUgaucuacacucauuga.....	3	1	c04
.....ugacuagCucuacacucauuga.....	17	1	c04
.....ugacuagaucuacaAucauuga.....	8	1	c04
.....ugacuagaucuGcacucauuga.....	5	1	c04
.....ugacuagaucuacacucauuga.....	11297	0	c04
.....ugacuaUaucuacacucauuga.....	3	1	c04
.....Agacuagaucuacacucauuga.....	150	1	c04
.....ugGcuagaucuacacucauuga.....	3	1	c04
.....ugacuagaucuacaUucauuga.....	7	1	c04
.....ugacuagaucuacCcucauuga.....	28	1	c04
.....ugacuagaucuacGcucauuga.....	6	1	c04
.....ugaGuagaucuacacucauuga.....	2	1	c04
.....ugacuagaucuaUacucauuga.....	11	1	c04
.....ugacuagaAcuacacucauuga.....	4	1	c04
.....ugacuagaucuacacucUuuga.....	5	1	c04
.....ugacuagaucuacacucauugU.....	28	1	c04
.....ugacuagauAuacacucauuga.....	12	1	c04
.....ugacuagaGcuacacucauuga.....	5	1	c04
.....ugacuagaucAacacucauuga.....	3	1	c04
.....ugacuagaucuacacucauuCa.....	5	1	c04
.....ugacuagaucuacacucaAuga.....	2	1	c04
.....ugacuagaucuacacGcauuga.....	1	1	c04
.....ugaUuagaucuacacucauuga.....	3	1	c04
.....ugacuagaucuacacuUauuga.....	3	1	c04
.....ugacuagaucuacacucauugC.....	16	1	c04
.....ugacuagaucuacaGucauuga.....	2	1	c04
.....ugacuagaucuacacucauugG.....	6	1	c04
.....ugacuagaucCacacucauuga.....	7	1	c04
.....ugacuagaucuaAacucauuga.....	2	1	c04
.....ugacuagaucuacacucaCuga.....	1	1	c04
.....uAacuagaucuacacucauuga.....	1	1	c04
.....ugacuagGucuacacucauuga.....	9	1	c04
.....ugacuaAaucuacacucauuga.....	1	1	c04
.....ugacuagaucuacacAcauuga.....	2	1	c04
.....ugacuagaCcuacacucauuga.....	3	1	c04
.....ugaAuagaucuacacucauuga.....	3	1	c04
.....ugacuagaucuacacucauCga.....	2	1	c04
.....ugacuagaucuacacucauAga.....	6	1	c04
.....uUacuagaucuacacucauuga.....	4	1	c04
.....Cgacuagaucuacacucauuga.....	7	1	c04
.....ugacAagaucuacacucauuga.....	4	1	c04
.....ugacuaCaucuacacucauuga.....	3	1	c04
.....ugacuagaucuUcacucauuga.....	4	1	c04
.....ugUcuagaucuacacucauuga.....	2	1	c04
.....ugacuagaucuacacucCuuga.....	1	1	c04
.....ugacuagaucuaGacucauuga.....	4	1	c04
.....ugCcuagaucuacacucauuga.....	22	1	c04
.....ugacuagaucuacUcucauuga.....	3	1	c04
.....uCacuagaucuacacucauuga.....	4	1	c04
.....Ggacuagaucuacacucauuga.....	4358	1	c04
.....ugacuagaucuacacucauuUa.....	4	1	c04
.....ugacuagaucuacacuAauuga.....	7	1	c04
.....ugacCagaucuacacucauuga.....	1	1	c04
.....ugacuagUucuacacucauuga.....	4	1	c04
.....ugacuGgaucuacacucauugag.....	1	1	c04
.....ugCcuagaucuacacucauugag.....	1	1	c04
.....Ggacuagaucuacacucauugag.....	29	1	c04

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

.....ugacuagaucuacacucauugaA.....	2231	1	c04
.....Agacuagaucuacacucauugag.....	1	1	c04
.....ugacuagaucuacacucauugaC.....	9	1	c04
.....ugacuagaucuacacucauugaU.....	36	1	c04
.....ugacuagaucuacacucauugag.....	45	0	c04
.....Ggacuagaucuacacucauugagu.....	3	1	c04
.....ugacuagaucuacacucauugaUu.....	2	1	c04
.....ugacuagaucuacacucauugaCu.....	1	1	c04
.....ugacuagaucuacacucauugagG.....	2	1	c04
.....ugacuagaucuacacucauugagA.....	4	1	c04
.....ugacuagaucuacacucauugagC.....	7	1	c04
.....ugacuagaucuacacucauugagu.....	9	0	c04
.....ugacuagaucuacacucauugaAu.....	8	1	c04
.....ugacuagaucuacacucauugaguU.....	1	1	c04
.....ugacuagaucuacacucauugaguG.....	1	1	c04
.....ugacuagaucuacacucauugaUua.....	1	1	c04
.....ugacuagaucuacacucauugagCa.....	1	1	c04
.....Ggacuagaucuacacucauugaguac.....	1	1	c04
.....ugacuagaucuacacucauugaguaA.....	1	1	c04
.....ugacuagaucuacacucauugaguac.....	1	0	c04
.....ugacuagaucuacacucauugagCac.....	1	1	c04
.....ugacuagaucuacacucauugaguaUg.....	1	1	c04
.....gacuagaucuacacucauu.....	2	0	c04
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.....gacuagaucuacacucauuga.....	29	0	c04
.....Cacuagaucuacacucauuga.....	1	1	c04
.....gaUuagaucuacacucauuga.....	1	1	c04
.....gGcuagaucuacacucauuga.....	1	1	c04
.....gacuagaucuacacucauugaA.....	5	1	c04
.....Ucuagaucuacacucauug.....	1	1	c04
.....acuagaucuacacucauuga.....	4	0	c04
.....Ccuagaucuacacucauuga.....	1	1	c04
.....aUuagaucuacacucauuga.....	1	1	c04
.....acuagaucuacacucauugaA.....	1	1	c04
.....cuagaucuacacucauug.....	5	0	c04
.....cuagaucuacacucauuga.....	71	0	c04
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.....cuagaucuacacucaGuga.....	2	1	c04
.....cuagCucuacacucauuga.....	3	1	c04
.....cuagaucuacacucauugaU.....	1	1	c04
.....cuagaucuacacucauugaA.....	17	1	c04
.....uagaucuacacucauuga.....	12	0	c04
.....Gagaucuacacucauuga.....	5	1	c04
.....Aagaucuacacucauuga.....	1	1	c04
.....uagaucuacacucauugaA.....	3	1	c04
.....agaucuacacucauugaA.....	7	1	c04

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.....aauggguauauuucuagu.....	5	0	c02
.....aauggguauauuucuagua.....	2	0	c02
.....aauggguauauuucuaguaa.....	2	0	c02
.....aauggguauauuucuaguaac.....	2	0	c02
.....aauggguauauuucuaguaaA.....	1	1	c02
.....aauggguauauuucuaguaaca.....	21	0	c02
.....aauggguauauuucuaguaacac.....	33	0	c02
.....Cauggguauauuucuaguaacac.....	1	1	c02
.....Cauggguauauuucuaguaacaca.....	3	1	c02
.....aauCgguauauuucuaguaacaca.....	2	1	c02
.....aauggguauauuucuaguaacaca.....	109	0	c02
.....aauggguauauuucuaCuaacaca.....	1	1	c02
.....aauggguauauuucuaguaacaAa.....	1	1	c02
.....aCuggguauauuucuaguaacaca.....	1	1	c02
.....aauggguauauuucuaguaacacaA.....	3	1	c02
.....aauggguauauuucuaguaaAacagu.....	1	1	c02
.....auggguauauuucuaguaacaca.....	1	0	c02
.....auggguauauuucuaguaacacag.....	1	0	c02
.....uggguauauuucuaguaaca.....	1	0	c02
.....uggguauauuucuaguaacaca.....	2	0	c02
.....uggguauauuucuaguaacacag.....	1	0	c02
.....ggguauauuucuaguaacaca.....	1	0	c02

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

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.....uCugacuagaucuacacu.....	1	1	c02
.....Ggugacuagaucuacacuc.....	2	1	c02
.....uCugacuagaucuacacucauu.....	1	1	c02
.....Ggugacuagaucuacacucauu.....	2	1	c02
.....ugugacuagaucuacacucauu.....	8	0	c02
.....uCugacuagaucuacacucauug.....	1	1	c02
.....ugugacuagaucuacacucauug.....	1	0	c02
.....ugugacuagaucuacacucauuA.....	1	1	c02
.....uCugacuagaucuacacucauuga.....	1	1	c02
.....Cugacuagaucuacacuc.....	1	1	c02
.....Cugacuagaucuacacucauu.....	1	1	c02
.....Cugacuagaucuacacucauug.....	3	1	c02
.....Cugacuagaucuacacucauuga.....	27	1	c02
.....Ggacuagaucuacacuca.....	89	1	c02
.....ugacuagaucuacCcuca.....	1	1	c02
.....ugacuagaucuacacuca.....	109	0	c02
.....ugacuagaucuacacucC.....	1	1	c02
.....ugacuagaucuacacucG.....	1	1	c02
.....Agacuagaucuacacuca.....	2	1	c02
.....ugaUuagaucuacacucau.....	1	1	c02
.....ugacuagaucuacacucGu.....	1	1	c02
.....ugacuagaucuacacAcau.....	1	1	c02
.....ugacuagaucuacacucau.....	60	0	c02
.....Agacuagaucuacacucau.....	1	1	c02
.....ugacuagaucuacacucaA.....	1	1	c02
.....Ggacuagaucuacacucau.....	35	1	c02
.....ugacuagaucuacacucUu.....	1	1	c02
.....ugacuagaucuacaGucauu.....	1	1	c02
.....ugacGagaucuacacucauu.....	1	1	c02
.....ugacuagaucuacCcucauu.....	2	1	c02
.....ugacuGgaucuacacucauu.....	1	1	c02
.....ugacuagaucuacacuGauu.....	1	1	c02
.....ugCcuagaucuacacucauu.....	1	1	c02
.....ugacuagCucuacacucauu.....	2	1	c02
.....ugacuaCaucuacacucauu.....	1	1	c02
.....ugacuagaucuCcacucauu.....	2	1	c02
.....ugacuagaucuaUacucauu.....	2	1	c02
.....Ggacuagaucuacacucauu.....	400	1	c02
.....Agacuagaucuacacucauu.....	16	1	c02
.....ugacuagaucuacacucauu.....	558	0	c02
.....ugacuagaucuacaAucauu.....	1	1	c02
.....ugacuagaucuacacucaGu.....	6	1	c02
.....ugacuagaucuacacucGuu.....	1	1	c02
.....ugacuagaucuacacucauA.....	2	1	c02
.....ugaAuagaucuacacucauug.....	4	1	c02
.....ugacuagaucCacacucauug.....	1	1	c02
.....ugacuagaucuacacucauuC.....	2	1	c02
.....ugacuagauUuacacucauug.....	1	1	c02
.....Cgacuagaucuacacucauug.....	1	1	c02
.....ugacuagaucuacacucauuA.....	3	1	c02
.....ugacuagaucuacacucaAug.....	1	1	c02
.....ugacuagaucuacacuGauug.....	1	1	c02
.....ugacuagauAuacacucauug.....	2	1	c02
.....ugacuagaucuacaUucauug.....	2	1	c02
.....ugacuagaucuaGacucauug.....	1	1	c02
.....ugacuagaucuGcacucauug.....	1	1	c02
.....ugacuagaucuaUacucauug.....	4	1	c02
.....Ggacuagaucuacacucauug.....	1285	1	c02
.....ugacuagaucuacacucauug.....	1612	0	c02
.....ugCcuagaucuacacucauug.....	10	1	c02
.....ugacuagaucuCcacucauug.....	1	1	c02
.....ugacuagCucuacacucauug.....	6	1	c02
.....ugacuagaucuacUcucauug.....	1	1	c02
.....ugacuagaucuacCcucauug.....	11	1	c02
.....Agacuagaucuacacucauug.....	48	1	c02
.....ugacuagaucuacaGucauug.....	1	1	c02
.....ugacuagaucuacacucGuug.....	1	1	c02
.....ugacuagaucuacacuUauug.....	1	1	c02
.....ugacuagaucuacacucauGg.....	1	1	c02

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

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.....ugacuagaucuaAacucauug.....	3	1	c02
.....ugacuagaucuacacucauAg.....	1	1	c02
.....uUacuagaucuacacucauug.....	1	1	c02
.....ugacuagaucuacacAcauug.....	2	1	c02
.....ugacuagaucAacacucauug.....	1	1	c02
.....ugacuagaAcuacacucauug.....	1	1	c02
.....ugacuagaucuacGcucauug.....	1	1	c02
.....ugacuagaucuGcacucauuga.....	5	1	c02
.....ugacuagaucuacacucaGuga.....	1	1	c02
.....ugacuagaucuacacAcauuga.....	3	1	c02
.....ugacuagaCcuacacucauuga.....	3	1	c02
.....ugacuagaucuacacucauuga.....	11414	0	c02
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.....ugacuagauAuacacucauuga.....	15	1	c02
.....ugacuagaucuacacuAauuga.....	11	1	c02
.....ugacuagaGcuacacucauuga.....	3	1	c02
.....ugacuagaucuacacucGuuga.....	1	1	c02
.....ugacuagaucuacGcucauuga.....	8	1	c02
.....ugacuagaucuaGacucauuga.....	5	1	c02
.....ugacCagaucuacacucauuga.....	2	1	c02
.....ugacuagaucuacacucauGga.....	1	1	c02
.....ugacuagaucCacacucauuga.....	6	1	c02
.....Ggacuagaucuacacucauuga.....	9962	1	c02
.....ugacuagaucuacacucauugG.....	8	1	c02
.....ugacuagaucuacacuUauuga.....	5	1	c02
.....ugacuagaucuacacCcauuga.....	2	1	c02
.....ugacuagaucuacacucauugC.....	19	1	c02
.....uCacuagaucuacacucauuga.....	5	1	c02
.....ugCcuagaucuacacucauuga.....	44	1	c02
.....Agacuagaucuacacucauuga.....	453	1	c02
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.....ugacAagaucuacacucauuga.....	4	1	c02
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.....ugacuagaucuacacucaAuga.....	5	1	c02
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.....ugaGuagaucuacacucauuga.....	3	1	c02
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.....Cgacuagaucuacacucauuga.....	11	1	c02
.....uAacuagaucuacacucauuga.....	2	1	c02
.....ugacuagaucuacacucauuUa.....	6	1	c02
.....ugacuagaucuaUacucauuga.....	23	1	c02
.....ugacuagaucuacacucauAga.....	7	1	c02
.....ugacuagaucuacacucauuAa.....	1	1	c02
.....ugacuagaucuacacucauugU.....	10	1	c02
.....ugacuagGucuacacucauuga.....	1	1	c02
.....ugGcuagaucuacacucauuga.....	3	1	c02
.....ugacuagaucuacaGucauuga.....	4	1	c02
.....ugacGagaucuacacucauuga.....	1	1	c02
.....ugacuagaucuacaAucauuga.....	9	1	c02
.....ugacuagaucuacacGcauuga.....	1	1	c02
.....ugacuaAaucuacacucauuga.....	4	1	c02
.....ugacuagaucGacacucauuga.....	1	1	c02
.....ugacuagaucuacaUucauuga.....	5	1	c02
.....ugacuagaucuaAacucauuga.....	10	1	c02
.....ugacuagaAcuacacucauuga.....	9	1	c02
.....ugacuagauUuacacucauuga.....	11	1	c02
.....ugacuagaucuacacucauuCa.....	9	1	c02
.....ugacuagaucuacCcucauuga.....	71	1	c02
.....ugacuagCucuacacucauuga.....	33	1	c02
.....ugacuagaucuacacucCuuga.....	3	1	c02
.....uUacuagaucuacacucauuga.....	7	1	c02
.....ugacuUgaucuacacucauuga.....	2	1	c02
.....ugacuagauGuacacucauuga.....	4	1	c02
.....ugacuaCaucuacacucauuga.....	7	1	c02
.....ugacuagaucuacacucUuuga.....	2	1	c02
.....ugacuagaucuacacucaCuga.....	4	1	c02
.....ugacuGgaucuacacucauuga.....	5	1	c02

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

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.....ugUcuagaucuacacucauuga.....	1	1	c02
.....ugacuagaucuUcacucauuga.....	5	1	c02
.....ugacuagaucuacacucauugaU.....	40	1	c02
.....ugacuagaucuacacucauugag.....	15	0	c02
.....ugacuagaucuacacucauugaA.....	490	1	c02
.....Ggacuagaucuacacucauugag.....	21	1	c02
.....Agacuagaucuacacucauugag.....	1	1	c02
.....ugacuagaucuacacucauugCg.....	2	1	c02
.....ugacuagaucuacacucauugaC.....	7	1	c02
.....ugacuagaucuacacucauugagC.....	2	1	c02
.....Ggacuagaucuacacucauugagu.....	5	1	c02
.....ugacuagaucuacacucauugagG.....	1	1	c02
.....ugacuagaucuacacucauugaAu.....	1	1	c02
.....ugacuagaucuacacucauugagu.....	3	0	c02
.....gacuagaucuacacucauu.....	3	0	c02
.....gacuagaucuacacuAauu.....	1	1	c02
.....gacuagaucuacacucauug.....	2	0	c02
.....gacuagaucuaAacucauuga.....	1	1	c02
.....gacuagaucuacCcucauuga.....	1	1	c02
.....Aacuagaucuacacucauuga.....	1	1	c02
.....gacuagaucuacacucauuga.....	31	0	c02
.....Uacuagaucuacacucauuga.....	1	1	c02
.....gUcuagaucuacacucauuga.....	1	1	c02
.....acuagaucuacacucauu.....	1	0	c02
.....acuagaucuacacucauug.....	4	0	c02
.....Ccuagaucuacacucauuga.....	3	1	c02
.....acuagaucuacacucauuga.....	5	0	c02
.....cuagaucuacacucauug.....	31	0	c02
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.....cuagaucuaAacucauuga.....	1	1	c02
.....cuagCucuacacucauuga.....	4	1	c02
.....cuagaucuacacucauugU.....	1	1	c02
.....cuagaucuacacucGuuga.....	1	1	c02
.....cuagauAuacacucauuga.....	1	1	c02
.....cuagaucuacacuAauuga.....	1	1	c02
.....cuagaucuacacucauuga.....	289	0	c02
.....cuagaGcuacacucauuga.....	1	1	c02
.....cuagaucuacaGucauuga.....	1	1	c02
.....cuagaucuacGcucauuga.....	1	1	c02
.....cuagaucuCcacucauuga.....	1	1	c02
.....cuagaucGacacucauuga.....	1	1	c02
.....cuagaucuacCcucauuga.....	4	1	c02
.....cuagaucuacacucauugaA.....	9	1	c02
.....uagaucuacacucauuga.....	4	0	c02
.....Gagaucuacacucauuga.....	1	1	c02
.....uaUaucuacacucauuga.....	1	1	c02
.....uagaucuacacucauugaA.....	1	1	c02

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.....Caauggguauauuucuaguaacac.....	1	1	c15
.....aauggguauauuucuagu.....	3	0	c15
.....aauggguauauuucuagua.....	16	0	c15
.....aauggguauauuucuaguaa.....	75	0	c15
.....aaugggUuauuucuaguaac.....	1	1	c15
.....aauggguauauuucuaguaGc.....	2	1	c15
.....aaCggguauauuucuaguaac.....	1	1	c15
.....aauggguauauuuGuaguaac.....	1	1	c15
.....Uauggguauauuucuaguaac.....	1	1	c15
.....aaugggAauauuucuaguaac.....	1	1	c15
.....aauggguauauuucuaguaaA.....	1	1	c15
.....aauggguauauuucuaguaac.....	456	0	c15
.....aaugggGauauuucuaguaac.....	1	1	c15
.....aaugggCauauuucuaguaac.....	2	1	c15
.....aGuggguauauuucuaguaac.....	1	1	c15
.....aauggguauauuucuaguaaca.....	733	0	c15
.....aauggguauauuucuagAaaca.....	1	1	c15
.....aauggguauauuucuaguUca.....	1	1	c15
.....aauggguauauuucuaguaacU.....	5	1	c15
.....aaugggGauauuucuaguaaca.....	4	1	c15

Star Mature

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.....aaugggguauauuAcuaguaaca.....	1	1	c15
.....aGugggguauauuucuaguaaca.....	1	1	c15
.....aaugggCauauuucuaguaaca.....	2	1	c15
.....aaugggAauauuucuaguaaca.....	1	1	c15
.....Gaugggguauauuucuaguaacac.....	1	1	c15
.....aaAgggguauauuucuaguaacac.....	1	1	c15
.....aauggAuauauuucuaguaacac.....	1	1	c15
.....aaugggguauauuucuaguaacac.....	622	0	c15
.....aaugggguauauuucuaguaacaU.....	1	1	c15
.....aaugggguauauuucuaguaaGac.....	1	1	c15
.....aaugggGauauuucuaguaacac.....	3	1	c15
.....aaugggguauauuucuaguaacaA.....	16	1	c15
.....aaugggCauauuucuaguaacac.....	1	1	c15
.....aaugggguauauuucuGguaacac.....	1	1	c15
.....aaugggguauAuucuaguaacac.....	1	1	c15
.....aaugCguauauuucuaguaacac.....	1	1	c15
.....aaAgggguauauuucuaguaacaca.....	1	1	c15
.....aauggguGuauuucuaguaacaca.....	1	1	c15
.....aaugggguauauuucuagAaacaca.....	1	1	c15
.....aUugggguauauuucuaguaacaca.....	1	1	c15
.....aGugggguauauuucuaguaacaca.....	2	1	c15
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.....aauggCuauauuucuaguaacaca.....	1	1	c15
.....aaugggguauauuucuaguaacacC.....	1	1	c15
.....aaugggguauauuucuagCaacaca.....	1	1	c15
.....aaugggguauauuucuaguaacaUa.....	1	1	c15
.....aaugggguauauuucuaguaGcaca.....	2	1	c15
.....aaugggguauauuucuaguaacacG.....	2	1	c15
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.....aaugggCauauuucuaguaacaca.....	1	1	c15
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.....aaugggguauauuucuaguaacacU.....	11	1	c15
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.....aaugggguauauuucuaguaacacaAu.....	1	1	c15
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.....uggguauauuucuaguaacacag.....	1	0	c15
.....ggguauauuucuaguaacac.....	1	0	c15
.....ggguauauuucuaguaacacaU.....	1	1	c15
.....uCugacuagaucuacacu.....	1	1	c15
.....ugugacuagaucuacacucau.....	1	0	c15
.....ugugacuagaucuacacucauA.....	1	1	c15
.....ugugacuagaucuacacucauu.....	22	0	c15
.....Ggugacuagaucuacacucauug.....	1	1	c15
.....ugugacuagaucuacacucauug.....	1	0	c15
.....uCugacuagaucuacacucauug.....	5	1	c15
.....ugugacuagaucuacacucauuU.....	2	1	c15
.....uCugacuagaucuacacucauuga.....	135	1	c15
.....uAugacuagaucuacacucauuga.....	6	1	c15
.....Cugacuagaucuacacucau.....	9	1	c15
.....Cugacuagaucuacacucauu.....	7	1	c15
.....Cugacuagaucuacacucauug.....	87	1	c15
.....gugacuagaucuacacucauug.....	3	0	c15
.....gugacuagaucuacacucauuA.....	1	1	c15
.....Uugacuagaucuacacucauug.....	1	1	c15
.....gugacuagaucuacacucauuga.....	20	0	c15
.....gugacuagaucuacacucauGga.....	1	1	c15
.....gugacuagaucuacGcucauuga.....	1	1	c15
.....Uugacuagaucuacacucauuga.....	6	1	c15
.....Cugacuagaucuacacucauuga.....	1251	1	c15
.....Augacuagaucuacacucauuga.....	4	1	c15
.....ugacuagGucuacacuca.....	1	1	c15
.....ugacuagaucuacacucG.....	3	1	c15
.....ugacuagaucuacacuca.....	772	0	c15
.....ugacuagauUuacacuca.....	1	1	c15

Star Mature

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.....ugacuagaucuacacucC.....	2	1	c15
.....Agacuagaucuacacuca.....	1	1	c15
.....ugacuagaucuacacucU.....	1	1	c15
.....ugacuagaucuacacuAau.....	1	1	c15
.....ugacuagaucuacacucaA.....	19	1	c15
.....ugacuagCucuacacucau.....	1	1	c15
.....ugacuagaucuacacucaG.....	1	1	c15
.....ugacuUgaucuacacucau.....	1	1	c15
.....ugaGuagaucuacacucau.....	1	1	c15
.....ugacuGgaucuacacucau.....	3	1	c15
.....uUacuagaucuacacucau.....	1	1	c15
.....ugacuagaucuacacucUu.....	1	1	c15
.....ugacuagaucuacacucau.....	1723	0	c15
.....ugacuagaucuaUacucau.....	1	1	c15
.....ugacuagaucuacaUucau.....	1	1	c15
.....ugacuagaucuacacucGu.....	1	1	c15
.....ugacuagaucuacacucaC.....	21	1	c15
.....ugacuaUaucuacacucau.....	1	1	c15
.....Cgacuagaucuacacucau.....	2	1	c15
.....uCacuagaucuacacucau.....	1	1	c15
.....ugacuagaucuacacAcau.....	2	1	c15
.....ugUcuagaucuacacucau.....	1	1	c15
.....ugacuagaCcuacacucauu.....	1	1	c15
.....uUacuagaucuacacucauu.....	2	1	c15
.....ugacuagaucuGcacucauu.....	3	1	c15
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.....ugacuagaucuacacucauC.....	4	1	c15
.....ugacuagaucuacacucaGu.....	2	1	c15
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.....ugUcuagaucuacacucauu.....	1	1	c15
.....Cgacuagaucuacacucauu.....	1	1	c15
.....ugacuagaucuacacucUuu.....	2	1	c15
.....ugaGuagaucuacacucauu.....	1	1	c15
.....ugacuagaucuacacucaCu.....	1	1	c15
.....ugacuagaucuaUacucauu.....	1	1	c15
.....ugacuagCucuacacucauug.....	1	1	c15
.....uAacuagaucuacacucauug.....	20	1	c15
.....ugacuagaucuGcacucauug.....	9	1	c15
.....uCacuagaucuacacucauug.....	4	1	c15
.....ugacuagaucuacacucaCug.....	4	1	c15
.....ugacuagaucuacacucauuU.....	17	1	c15
.....ugacuagaucuaUacucauug.....	6	1	c15
.....ugacuagaucuacacCcauug.....	3	1	c15
.....ugacuagaucuacacucaGug.....	1	1	c15
.....ugUcuagaucuacacucauug.....	5	1	c15
.....ugacuagaucuaGacucauug.....	5	1	c15
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.....ugGcuagaucuacacucauug.....	3	1	c15
.....ugacuagaucuacacucauGg.....	22	1	c15
.....ugacuagaucuacacucauuC.....	20	1	c15
.....ugacuagaCcuacacucauug.....	4	1	c15
.....ugacuagUucuacacucauug.....	4	1	c15
.....ugacuagaucuacacucGuug.....	4	1	c15
.....ugacuagaucCacacucauug.....	6	1	c15
.....ugacuagaAcuacacucauug.....	3	1	c15
.....ugacuagaucuacacucauAg.....	9	1	c15
.....ugacuagaucuacacucUuug.....	2	1	c15
.....Agacuagaucuacacucauug.....	16	1	c15
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.....ugacuagaucuUcacucauug.....	3	1	c15
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.....ugacuagaucuaAacucauug.....	3	1	c15
.....ugacuagaucuacaUucauug.....	5	1	c15
.....ugacuagaucuacacGcauug.....	7	1	c15
.....ugacCagaucuacacucauug.....	3	1	c15

Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

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.....ugaUuagaucuacacucauug.....	13	1	c15
.....ugacuagaucuacGcucauug.....	1	1	c15
.....ugacuagaucuacacuAauug.....	1	1	c15
.....ugacuagaucuacacucaAug.....	4	1	c15
.....ugacuagaucAacacucauug.....	1	1	c15
.....ugacuagaucuacacucauug.....	21676	0	c15
.....uUacuagaucuacacucauug.....	5	1	c15
.....ugacuagaucuacacucauuA.....	647	1	c15
.....ugaAuagaucuacacucauug.....	4	1	c15
.....ugacuagauAuacacucauug.....	2	1	c15
.....ugacuUgaucuacacucauug.....	9	1	c15
.....ugacuaAaucuacacucauug.....	2	1	c15
.....ugacuaUaucuacacucauug.....	2	1	c15
.....ugacuagaucuacacucauCg.....	16	1	c15
.....ugacuagaucuacacucCuug.....	2	1	c15
.....ugacGagaucuacacucauug.....	2	1	c15
.....ugaGuagaucuacacucauug.....	3	1	c15
.....Cgacuagaucuacacucauug.....	15	1	c15
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.....ugacuagauUuacacucauug.....	5	1	c15
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.....ugacuagaucuaGacucauuga.....	174	1	c15
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.....ugCcuagaucuacacucauuga.....	6	1	c15
.....uUacuagaucuacacucauuga.....	188	1	c15
.....ugGcuagaucuacacucauuga.....	81	1	c15
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.....ugacuagaucuacacucUuuga.....	91	1	c15
.....ugacuCgaucuacacucauuga.....	18	1	c15
.....ugacuagaucuacacucauuUa.....	85	1	c15
.....ugacuGgaucuacacucauuga.....	317	1	c15
.....ugacuagaucuGcacucauuga.....	200	1	c15
.....uCacuagaucuacacucauuga.....	63	1	c15
.....ugacuagaCcuacacucauuga.....	62	1	c15
.....ugacuagaucuacaGucauuga.....	39	1	c15
.....ugacuagaucuacacuAauuga.....	121	1	c15
.....ugacuagaucuacacucaAuga.....	66	1	c15
.....ugacuagaucuacacucauugU.....	2791	1	c15
.....ugacuagaucuacacucauugC.....	455	1	c15
.....ugacuagauUuacacucauuga.....	175	1	c15
.....ugacuagaucuacUcucauuga.....	36	1	c15
.....ugaUuagaucuacacucauuga.....	176	1	c15
.....ugaAuagaucuacacucauuga.....	39	1	c15
.....ugacuagaucuacacucauugG.....	195	1	c15
.....ugacuagaucuacacuGauuga.....	74	1	c15
.....ugacuagaucuaUacucauuga.....	242	1	c15
.....ugacuagaucuacacGcauuga.....	99	1	c15
.....ugUcuagaucuacacucauuga.....	91	1	c15
.....ugaGuagaucuacacucauuga.....	32	1	c15
.....ugacuagaucuacacucaCuga.....	71	1	c15
.....ugacuagaucuacacucauCga.....	271	1	c15
.....ugacuagaucuacacuUauuga.....	241	1	c15
.....ugacuagaucuacacucCuuga.....	9	1	c15
.....ugacuaCaucuacacucauuga.....	16	1	c15
.....Agacuagaucuacacucauuga.....	445	1	c15
.....ugacuagaucuacaAucauuga.....	28	1	c15
.....ugacuagGucuacacucauuga.....	193	1	c15
.....ugacuagaucuacacucauAga.....	317	1	c15
.....ugacuagaucuacacAcauuga.....	112	1	c15
.....ugacuagaucuacacucauuAa.....	1523	1	c15
.....ugacuagaGcuacacucauuga.....	7	1	c15
.....ugacuagCucuacacucauuga.....	48	1	c15

Star Mature

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.....ugacuaAaucuacacucauuga.....	45	1	c15
.....uAacuagaucuacacucauuga.....	335	1	c15
.....ugacuagaucuacGcucauuga.....	88	1	c15
.....ugacuagaucuacacucGuuga.....	106	1	c15
.....ugacuagaucAacacucauuga.....	64	1	c15
.....ugacCagaucuacacucauuga.....	130	1	c15
.....ugacuagaucuUcacucauuga.....	79	1	c15
.....ugacuagaucuacacucauGga.....	425	1	c15
.....ugacuagaucuaAacucauuga.....	111	1	c15
.....ugacuagaucuacacucaGuga.....	15	1	c15
.....ugacuagaucuacCcucauuga.....	9	1	c15
.....ugacuagUucuacacucauuga.....	158	1	c15
.....ugacuagaucuacacucauuCa.....	50	1	c15
.....ugacGagaucuacacucauuga.....	19	1	c15
.....ugacAagaucuacacucauuga.....	87	1	c15
.....ugacuagauGuacacucauuga.....	27	1	c15
.....Ggacuagaucuacacucauuga.....	63	1	c15
.....ugacuagauAuacacucauuga.....	68	1	c15
.....Cgacuagaucuacacucauuga.....	377	1	c15
.....ugacuagaucuacacucauugaA.....	16642	1	c15
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.....ugacuagaucuacacucauugaU.....	4152	1	c15
.....ugacuagaucuacacucauugGg.....	2	1	c15
.....ugacuagaucuacacucauugaC.....	466	1	c15
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.....ugacuagaucuacacucauugaCu.....	7	1	c15
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.....ugacuagaucuacacucauugagAa.....	8	1	c15
.....ugacuagaucuacacucauugaCua.....	1	1	c15
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.....ugacuagaucuacacucauugaUua.....	3	1	c15
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.....ugacuagaucuacacucauugaguC.....	1	1	c15
.....ugacuagaucuacacucauugaguac.....	1	0	c15
.....ugacuagaucuacacucauugaguUc.....	1	1	c15
.....ugacuagaucuacacucauugaguaA.....	1	1	c15
.....ugacuagaucuacacucauugagAacg.....	1	1	c15
.....ugacuagaucuacacucauugaguaAg.....	1	1	c15
.....gacuagaucuacacucaA.....	1	1	c15
.....gacuagaucuacacucau.....	11	0	c15
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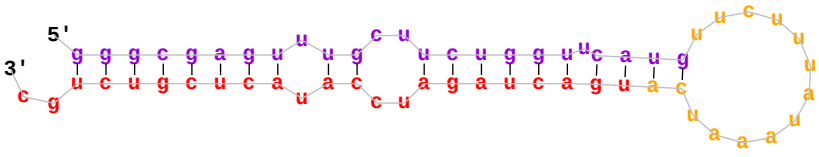
.....gacuagaucuacacucauu.....	1	0	c15
.....gacuagaucuacacucauuU.....	1	1	c15
.....gacuagaucuacacucauuA.....	4	1	c15
.....gacuagaucuacacucauug.....	106	0	c15
.....gacuagaucuacacCcauug.....	1	1	c15
.....gacuCgaucuacacucauuga.....	1	1	c15
.....gacuagauAuacacucauuga.....	1	1	c15
.....Uacuagaucuacacucauuga.....	15	1	c15
.....gacuagaucuacacucauuCa.....	1	1	c15
.....gaUuagaucuacacucauuga.....	1	1	c15
.....gacuagaucCacacucauuga.....	1	1	c15
.....gacuagaucuacacucCuuga.....	1	1	c15
.....gGcuagaucuacacucauuga.....	2	1	c15
.....gacuagaucuacacucauugG.....	2	1	c15
.....gacuagaucuacacucauugU.....	10	1	c15
.....gacuagaucuacacuAauuga.....	1	1	c15
.....gacuagaucuaGacucauuga.....	1	1	c15
.....gacuagaucuaUacucauuga.....	2	1	c15
.....Aacuagaucuacacucauuga.....	1	1	c15
.....gacuagaucuacacucauCga.....	1	1	c15
.....gUcuagaucuacacucauuga.....	1	1	c15
.....gacuagaucuacacucGuuga.....	2	1	c15

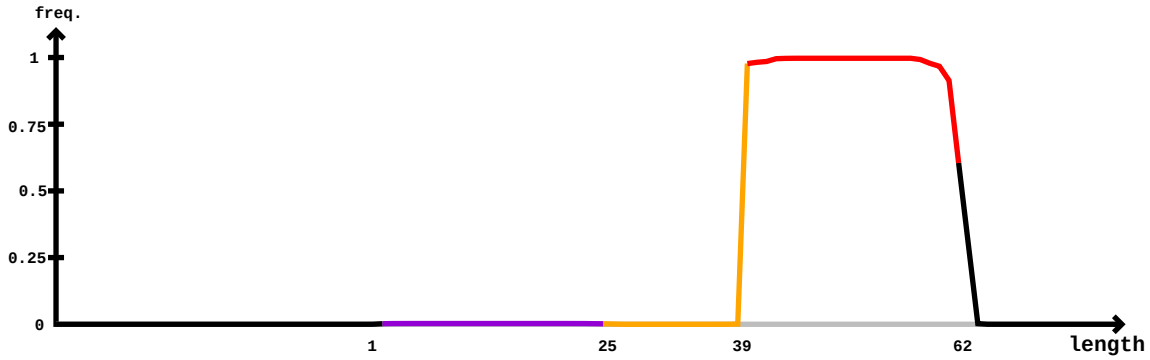
Star Mature

aagaaagaaguugaaaguaccuacuuguucuuaauggguauauuucuaguaacacagugcauuauuucugugacuagaucuacacucauugaguacguuuaggacaacau

.....gacuagaucuacacucaAuga.....	1	1	c15
.....gacuagaucuacacucauuAa.....	12	1	c15
.....gacuaAaucuacacucauuga.....	2	1	c15
.....gacuagaucuacacucauuUa.....	15	1	c15
.....gacuagaAcuacacucauuga.....	1	1	c15
.....gacuagaucuacacucauuga.....	2972	0	c15
.....gacuagaucuacacucauugC.....	4	1	c15
.....gacuagauUuacacucauuga.....	1	1	c15
.....gacuagaucuacGcucauuga.....	1	1	c15
.....gacCagaucuacacucauuga.....	4	1	c15
.....gacuagaucuacacCcauuga.....	1	1	c15
.....gacuagaucuacaUucauuga.....	1	1	c15
.....gacuagaucuacacucauAga.....	1	1	c15
.....gacuagaucuacacucauugaU.....	16	1	c15
.....gacuagaucuacacucauugaC.....	6	1	c15
.....gacuagaucuacacucauugaA.....	86	1	c15
.....gacuagaucuacacucauugaUu.....	2	1	c15
.....aAuagaucuacacucauug.....	1	1	c15
.....acuagaucuacacucauuga.....	33	0	c15
.....acuagaucuacacucauugaA.....	1	1	c15
.....cuagaucuacacucauug.....	2	0	c15
.....cuagaucuacacucauuga.....	76	0	c15
.....cCagaucuacacucauuga.....	1	1	c15
.....cuagaucuacacucauuAa.....	1	1	c15
.....cuagaucuacacucauugaA.....	4	1	c15
.....uagaucuacacucauuga.....	97	0	c15
.....uagaucuacacGcauuga.....	1	1	c15
.....Cagaucuacacucauuga.....	1	1	c15
.....uGgaucuacacucauuga.....	1	1	c15
.....uagaucuacacucauugaA.....	1	1	c15
.....agaucuacacucauugaA.....	4	1	c15

Provisional ID	:	group10_14597
Score total	:	152136.9
Score for star read(s)	:	3.9
Score for read counts	:	152127.4
Score for mfe	:	1.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	298403
Mature read count	:	297578
Loop read count	:	0
Star read count	:	825





Star **Mature**

```
5'- cuuacuacuauauauaacuugaugauauuuugugggcgaguuugcuucugguucaguucuuuauaaaaucaugacuagauccauacucgucugcagccaucaacuuaauc  -3'   obs
    cuuacuacuauauauaacuugaugauauuuugugggcgaguuugcuucugguucaguucuuuauaaaaucaugacuagauccauacucgucugcagccaucaacuuaauc        exp
    ..............(((.((((((....((((((((((((.((..((((((.((((.............))))))))))..)).)))))))))))).))))))...)))...  reads      mm         sample
    ..............................ugggcgaguuugcuucugguu.....................................................................  1          0          c16
    ..............................ugggcgaguuugcuucugguuc....................................................................  1          0          c16
    ..............................ugggcgaguuugcuucugguuca...................................................................  1          0          c16
    ..............................gggcgaguuugcuucugguu......................................................................  2          0          c16
    ..............................gggcgaguuugcuucugguuc.....................................................................  2          0          c16
    ..............................gggcgaguuugcuucugguuca....................................................................  3          0          c16
    ..............................gggcgaguuugcuucugguucU....................................................................  1          1          c16
    ..............................gggcgaguuugcuucugguucau...................................................................  9          0          c16
    ..............................gggcgaguuugcuucugguucaug..................................................................  8          0          c16
    ..............................ggcgaguuugcuucugguuca.....................................................................  2          0          c16
    ..............................ggcgaguuugcuucugguucau....................................................................  2          0          c16
    ..............................ggcgaguuugcuucugguucaug...................................................................  14         0          c16
    ..............................ggcgaguuugcuucugguucauguucuuu.............................................................  1          0          c16
    ..............................gcgaguuugcuucugguucaug....................................................................  1          0          c16
    ..............................cgaguuugcuucugguucau.....................................................................  1          0          c16
    ..............................cgaguuugcuucugguucaug....................................................................  1          0          c16
    ..............................cgaguuugcuucugguucaugu...................................................................  2          0          c16
    ..............................cgaguuugcuucugguucauguu..................................................................  4          0          c16
    ..................................................................Gauaaaucaugacuagauccauacucgucugc.....................  1          1          c16
    ..................................................................ucaugacuagauccauacuG.................................  1          1          c16
    ..................................................................ucaugacuagauccauacucgu...............................  1          0          c16
    ..................................................................ucUugacuagauccauacucguc..............................  1          1          c16
    ..................................................................Acaugacuagauccauacucgucugc...........................  1          1          c16
    ..................................................................caugacuagauccauacucg.................................  1          0          c16
    ..................................................................caugacuagauccauacucgu................................  4          0          c16
    ..................................................................caugacuagauccauacucguc...............................  1          0          c16
    ..................................................................augacuagauccauacuc...................................  2          0          c16
    ..................................................................Cugacuagauccauacuc...................................  1          1          c16
    ..................................................................Cugacuagauccauacucg..................................  2          1          c16
    ..................................................................Cugacuagauccauacucgu.................................  4          1          c16
    ..................................................................augacuagauccauacucguc................................  1          0          c16
    ..................................................................Cugacuagauccauacucguc................................  2          1          c16
    ..................................................................Cugacuagauccauacucgucu...............................  2          1          c16
```

Star Mature

cuuacuacuauauauaacuugaugauauuugugggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

.....augacuagauccauacucgucu.....	1	0	c16
.....augacuagauccauacucguUu.....	1	1	c16
.....Uugacuagauccauacucgucug.....	1	1	c16
.....augacuagauccauacucgucug.....	8	0	c16
.....Cugacuagauccauacucgucug.....	13	1	c16
.....augaAuagauccauacucgucugc.....	1	1	c16
.....Cugacuagauccauacucgucugc.....	12	1	c16
.....augacuagauccauacucgucugc.....	1	0	c16
.....augacuagauccauacucgucugU.....	1	1	c16
.....Uugacuagauccauacucgucugc.....	1	1	c16
.....augacuagauccauacucgucugcU.....	2	1	c16
.....ugacuagauccauacucC.....	1	1	c16
.....ugacuagauccauacucU.....	1	1	c16
.....ugacuagauccaCacucg.....	1	1	c16
.....ugacuagauccauacuGg.....	1	1	c16
.....uUacuagauccauacucg.....	1	1	c16
.....ugacuagauccauacuUg.....	1	1	c16
.....ugacuagaucAauacucg.....	1	1	c16
.....ugacuagauAcauacucg.....	3	1	c16
.....ugacuagauccauacucA.....	1	1	c16
.....Ggacuagauccauacucg.....	41	1	c16
.....ugCcuagauccauacucg.....	2	1	c16
.....ugacuUgauccauacucg.....	1	1	c16
.....ugaAuagauccauacucg.....	1	1	c16
.....ugacuagauccauaAucg.....	1	1	c16
.....ugacuaAauccauacucg.....	1	1	c16
.....Agacuagauccauacucg.....	6	1	c16
.....ugacuagauccauacucg.....	594	0	c16
.....uCacuagauccauacucg.....	1	1	c16
.....ugacuagauccauacucgC.....	4	1	c16
.....ugGcuagauccauacucgu.....	1	1	c16
.....ugacuaUauccauacucgu.....	1	1	c16
.....ugacuagauccauacuAgu.....	3	1	c16
.....ugacuagauccauacucgu.....	2258	0	c16
.....ugacuagauccauacucgG.....	3	1	c16
.....ugacuagaucAauacucgu.....	3	1	c16
.....uCacuagauccauacucgu.....	2	1	c16
.....ugacuGgauccauacucgu.....	2	1	c16
.....ugacCagauccauacucgu.....	1	1	c16
.....ugacuagauccauGcucgu.....	1	1	c16
.....ugacuagauccauacucCu.....	3	1	c16
.....ugacuagauccauacucgA.....	3	1	c16
.....ugaGuagauccauacucgu.....	1	1	c16
.....ugacuagauccUuacucgu.....	1	1	c16
.....ugacuagauccauacuUgu.....	1	1	c16
.....ugacAagauccauacucgu.....	1	1	c16
.....ugacuagauccauCcucgu.....	1	1	c16
.....ugacuagaucUauacucgu.....	1	1	c16
.....ugCcuagauccauacucgu.....	1	1	c16
.....ugacuagauccaCacucgu.....	1	1	c16
.....uUacuagauccauacucgu.....	1	1	c16
.....Ggacuagauccauacucgu.....	211	1	c16
.....ugacuagCuccauacucgu.....	3	1	c16
.....ugacuagauAcauacucgu.....	3	1	c16
.....Cgacuagauccauacucgu.....	1	1	c16
.....Agacuagauccauacucgu.....	10	1	c16
.....ugacuagauccauaAucgu.....	2	1	c16
.....ugaAuagauccauacucguc.....	1	1	c16
.....ugacuagauccauacucUuc.....	1	1	c16
.....ugacuGgauccauacucguc.....	1	1	c16
.....Cgacuagauccauacucguc.....	1	1	c16
.....ugacuagauccCuacucguc.....	5	1	c16
.....ugacuagGuccauacucguc.....	1	1	c16
.....ugacuagauAcauacucguc.....	3	1	c16
.....ugacuagauccauacCcguc.....	1	1	c16
.....ugacuagauccauacuAguc.....	2	1	c16
.....uCacuagauccauacucguc.....	1	1	c16
.....ugacuagauccauaUucguc.....	1	1	c16
.....ugacuagauccauCcucguc.....	1	1	c16
.....ugacuagauccauaGucguc.....	2	1	c16

Star Mature

cuuacuacuauauauaacuugaugauauuuguggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

.....ugCcuagauccauacucguc.....	1	1	c16
.....ugacuagauccauacucguG.....	9	1	c16
.....ugacuagauccauacucguA.....	7	1	c16
.....ugacuagauccauacucAuc.....	2	1	c16
.....Ggacuagauccauacucguc.....	115	1	c16
.....ugacAagauccauacucguc.....	1	1	c16
.....Agacuagauccauacucguc.....	5	1	c16
.....ugacuagauccGuacucguc.....	1	1	c16
.....ugacuagauccaCacucguc.....	1	1	c16
.....ugacuagauccauaAucguc.....	1	1	c16
.....ugacuagCuccauacucguc.....	4	1	c16
.....ugUcuagauccauacucguc.....	1	1	c16
.....ugacCagauccauacucguc.....	1	1	c16
.....ugacuagauccauacucgCc.....	1	1	c16
.....ugacuagaCccauacucguc.....	1	1	c16
.....ugacuagauccauacucCuc.....	1	1	c16
.....ugacuagaAccauacucguc.....	1	1	c16
.....ugacuagauccauacucguU.....	7	1	c16
.....ugacuagauccauacucguc.....	1406	0	c16
.....ugacuagauccauacucAucu.....	2	1	c16
.....ugacuagauccauacuGgucu.....	1	1	c16
.....uCacuagauccauacucgucu.....	6	1	c16
.....ugacuagauccauacucgucG.....	2	1	c16
.....ugacuagauccaAacucgucu.....	1	1	c16
.....ugacuagauccauacAcgucu.....	2	1	c16
.....ugacuagauccauacucgucA.....	1	1	c16
.....ugacuagauccCuacucgucu.....	8	1	c16
.....ugacuagCuccauacucgucu.....	12	1	c16
.....ugacuagauccaGacucgucu.....	1	1	c16
.....ugacuagaucUauacucgucu.....	3	1	c16
.....ugacuagauccauGcucgucu.....	3	1	c16
.....ugacuagauccauacucgucC.....	8	1	c16
.....ugacuagaucAauacucgucu.....	6	1	c16
.....ugacuagauGcauacucgucu.....	1	1	c16
.....ugacuagauccauacucgAcu.....	3	1	c16
.....ugCcuagauccauacucgucu.....	10	1	c16
.....ugacuagaAccauacucgucu.....	3	1	c16
.....ugacuagUuccauacucgucu.....	1	1	c16
.....Ggacuagauccauacucgucu.....	519	1	c16
.....ugacuagauccauacuAgucu.....	9	1	c16
.....ugacuagauccauCcucgucu.....	6	1	c16
.....ugaAuagauccauacucgucu.....	5	1	c16
.....ugacuagauccauacucUucu.....	8	1	c16
.....ugacuagauccauaAucgucu.....	3	1	c16
.....ugacuagaucGauacucgucu.....	1	1	c16
.....ugacuaUauccauacucgucu.....	3	1	c16
.....ugacuagauccauacucCucu.....	9	1	c16
.....uAacuagauccauacucgucu.....	1	1	c16
.....ugacuagauccauUcucgucu.....	3	1	c16
.....ugacuagauccauacucgGcu.....	3	1	c16
.....ugacuagauccauacucguAu.....	2	1	c16
.....ugacAagauccauacucgucu.....	1	1	c16
.....ugacuagaCccauacucgucu.....	2	1	c16
.....Agacuagauccauacucgucu.....	19	1	c16
.....ugacuagauccauacuUgucu.....	4	1	c16
.....ugacuagauccauacucguUu.....	8	1	c16
.....ugacGagauccauacucgucu.....	1	1	c16
.....ugacuagauccauacGcgucu.....	1	1	c16
.....ugacuagauUcauacucgucu.....	4	1	c16
.....ugacuagauccauacucgucu.....	6140	0	c16
.....ugaUuagauccauacucgucu.....	3	1	c16
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.....ugacCagauccauacucgucu.....	1	1	c16
.....uUacuagauccauacucgucu.....	2	1	c16
.....ugacuagauAcauacucgucu.....	17	1	c16
.....ugacuagauccauaUucgucu.....	1	1	c16
.....ugacuaCauccauacucgucu.....	2	1	c16

Star Mature

cuuacuacuauauauaacuugaugauauuugugggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

.....ugacuagCuccauacucgucug.....	58	1	c16
.....ugaUuagauccauacucgucug.....	14	1	c16
.....ugacuagauccauGcucgucug.....	6	1	c16
.....ugacuagaCccauacucgucug.....	4	1	c16
.....ugacuagauUcauacucgucug.....	11	1	c16
.....ugCcuagauccauacucgucug.....	34	1	c16
.....ugacuagaucAauacucgucug.....	24	1	c16
.....ugacuagauccauUcucgucug.....	2	1	c16
.....uUacuagauccauacucgucug.....	17	1	c16
.....ugacuagauccauacucCucug.....	24	1	c16
.....ugacuagauccauacuUgucug.....	9	1	c16
.....ugacuagauccauacucgucCg.....	11	1	c16
.....ugacuagauccaAacucgucug.....	9	1	c16
.....ugacuaAauccauacucgucug.....	1	1	c16
.....ugacuagaucUauacucgucug.....	9	1	c16
.....Cgacuagauccauacucgucug.....	18	1	c16
.....ugacuagauccauCcucgucug.....	24	1	c16
.....ugacuagauccauacucgucuC.....	36	1	c16
.....ugacCagauccauacucgucug.....	6	1	c16
.....ugacuagauccauacucgucAg.....	10	1	c16
.....uCacuagauccauacucgucug.....	11	1	c16
.....ugaGuagauccauacucgucug.....	3	1	c16
.....ugacuagauccauacucUucug.....	19	1	c16
.....ugacuagauccauacuAgucug.....	26	1	c16
.....ugacuagauccauacucAucug.....	10	1	c16
.....ugacuagauccauacucgCcug.....	6	1	c16
.....ugacuagauccauacucgAcug.....	3	1	c16
.....ugacuagauccauacucgucuA.....	7	1	c16
.....ugacuagauccauacucguAug.....	16	1	c16
.....ugacuagauGcauacucgucug.....	5	1	c16
.....uAacuagauccauacucgucug.....	5	1	c16
.....ugacuagaAccauacucgucug.....	7	1	c16
.....ugaAuagauccauacucgucug.....	14	1	c16
.....ugacGagauccauacucgucug.....	7	1	c16
.....ugGcuagauccauacucgucug.....	3	1	c16
.....ugacuagUuccauacucgucug.....	2	1	c16
.....ugacuagauccCuacucgucug.....	28	1	c16
.....ugacuUgauccauacucgucug.....	4	1	c16
.....ugacuagauccauacucgucGg.....	2	1	c16
.....ugacuagauccauacCcgucug.....	1	1	c16
.....Ggacuagauccauacucgucug.....	1790	1	c16
.....ugacuagaucGauacucgucug.....	3	1	c16
.....ugacuagauccauacAcgucug.....	5	1	c16
.....ugacuagauccauacuGgucug.....	1	1	c16
.....ugacuagaGccauacucgucug.....	6	1	c16
.....ugacuaCauccauacucgucug.....	11	1	c16
.....ugacuagGuccauacucgucug.....	1	1	c16
.....ugacAagauccauacucgucug.....	10	1	c16
.....ugacuaUauccauacucgucug.....	9	1	c16
.....ugacuagauccauaGucgucug.....	4	1	c16
.....ugacuagauccaGacucgucug.....	6	1	c16
.....ugacuagauAcauacucgucug.....	34	1	c16
.....ugacuagauccauacucguGug.....	4	1	c16
.....ugacuagauccauaAucgucug.....	14	1	c16
.....ugacuagauccauacucgucug.....	22443	0	c16
.....ugacuagauccauaUucgucug.....	6	1	c16
.....ugacuagauccGuacucgucug.....	2	1	c16
.....ugUcuagauccauacucgucug.....	4	1	c16
.....ugacuagauccauacGcgucug.....	3	1	c16
.....ugacuagauccUuacucgucug.....	2	1	c16
.....ugacuagauccaCacucgucug.....	8	1	c16
.....Agacuagauccauacucgucug.....	71	1	c16
.....ugacuGgauccauacucgucug.....	6	1	c16
.....ugacuagauccauacucguUug.....	8	1	c16
.....ugacuagauccauacucgGcug.....	2	1	c16
.....ugacuagauccauacucgucuU.....	79	1	c16
.....ugacuagauccauacucgGcugc.....	2	1	c16
.....ugacuagaucUauacucgucugc.....	7	1	c16
.....ugacuagaCccauacucgucugc.....	4	1	c16
.....ugacuagauccauaUucgucugc.....	8	1	c16

Star Mature

cuuacuacuauauauaacuugaugauauuugugggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

.....ugaGuagauccauacucgucugc.....	4	1	c16
.....ugacuagGuccauacucgucugc.....	4	1	c16
.....ugacuGgauccauacucgucugc.....	2	1	c16
.....ugacuagauccauacucgucugU.....	2970	1	c16
.....ugacuagauccGuacucgucugc.....	1	1	c16
.....ugacuagauccauacCcgucugc.....	5	1	c16
.....ugacuagauccauacGcgucugc.....	2	1	c16
.....ugacuagauUcauacucgucugc.....	10	1	c16
.....ugUcuagauccauacucgucugc.....	2	1	c16
.....ugacuagauccauacucguAugc.....	22	1	c16
.....ugacuaUauccauacucgucugc.....	10	1	c16
.....uAacuagauccauacucgucugc.....	5	1	c16
.....ugacuagauccaCacucgucugc.....	6	1	c16
.....ugacuagauccCuacucgucugc.....	29	1	c16
.....ugacuagauccauacucCucugc.....	48	1	c16
.....ugacAagauccauacucgucugc.....	5	1	c16
.....ugacuagauccUuacucgucugc.....	4	1	c16
.....ugacCagauccauacucgucugc.....	5	1	c16
.....ugGcuagauccauacucgucugc.....	1	1	c16
.....ugacuagauccauacucgucugA.....	348	1	c16
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.....ugacuagCuccauacucgucugc.....	54	1	c16
.....ugacGagauccauacucgucugc.....	2	1	c16
.....Cgacuagauccauacucgucugc.....	22	1	c16
.....ugacuagauccauacucgucuCc.....	20	1	c16
.....ugacuagauccauacucAucugc.....	10	1	c16
.....ugacuagauccauacucgucugc.....	21821	0	c16
.....ugacuagauccauGcucgucugc.....	3	1	c16
.....ugaUuagauccauacucgucugc.....	16	1	c16
.....Agacuagauccauacucgucugc.....	71	1	c16
.....ugacuagauccauacucgcuAc.....	4	1	c16
.....ugacuaAauccauacucgucugc.....	1	1	c16
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.....ugaAuagauccauacucgucugc.....	8	1	c16
.....ugCcuagauccauacucgucugc.....	39	1	c16
.....ugacuagauccauaGucgucugc.....	1	1	c16
.....Ggacuagauccauacucgucugc.....	1637	1	c16
.....uCacuagauccauacucgucugc.....	11	1	c16
.....ugacuagauccauacuAgucugc.....	36	1	c16
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.....ugacuagaAccauacucgucugc.....	1	1	c16
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.....ugacuagauccauacucgucuUc.....	9	1	c16
.....ugacuagaGccauacucgucugc.....	6	1	c16
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.....ugacuagaucGauacucgucugc.....	9	1	c16
.....ugacuagauccauCcucgucugc.....	23	1	c16
.....ugacuagauccaGacucgucugc.....	5	1	c16
.....ugacuagauccauacucgAcugc.....	7	1	c16
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.....ugacuagauccauacucgucAgc.....	8	1	c16
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.....ugacuagauccauacuUgucugc.....	14	1	c16
.....ugacuagauGcauacucgucugc.....	5	1	c16
.....ugacuagauccauacucUucugc.....	24	1	c16
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.....ugacuagauccauacucgucugca.....	1010	0	c16
.....ugacuagauccauacucgucugAa.....	8	1	c16
.....ugacuagauccauCcucgucugca.....	2	1	c16
.....ugacuagauccCuacucgucugca.....	1	1	c16
.....ugacuagaucUauacucgucugca.....	2	1	c16
.....ugacuagauccaCacucgucugca.....	1	1	c16

Star Mature

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.....ugacuagauAcauacucgucugca.....	1	1	c16
.....ugacuagauccauacucgGcugca.....	1	1	c16
.....Ggacuagauccauacucgucugca.....	87	1	c16
.....ugacuagauccauacucgucugUa.....	128	1	c16
.....ugacuagauccauacucgucugcU.....	3626	1	c16
.....ugacuagauccauacucgucugcG.....	16	1	c16
.....ugacuagaGccauacucgucugca.....	1	1	c16
.....ugacuaAauccauacucgucugca.....	1	1	c16
.....ugacuagCuccauacucgucugca.....	3	1	c16
.....ugacuagauccauUcucgucugca.....	1	1	c16
.....ugacuagUuccauacucgucugca.....	1	1	c16
.....ugacuaUauccauacucgucugca.....	2	1	c16
.....ugacuagauccauaAucgucugca.....	1	1	c16
.....ugacuUgauccauacucgucugca.....	1	1	c16
.....ugacuagauccaAacucgucugca.....	2	1	c16
.....Agacuagauccauacucgucugca.....	3	1	c16
.....ugacuagauccauacuAgucugca.....	1	1	c16
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.....ugacuagauccauacucgucugGa.....	3	1	c16
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.....ugacuagaucAauacucgucugca.....	1	1	c16
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.....ugacuagauccauacucgucugcaC.....	8	1	c16
.....ugacuagauccauacucgucugcaU.....	43	1	c16
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.....ugacuagauccauacucgucugcagG.....	1	1	c16
.....ugacuagauccauacucgucugcagA.....	1	1	c16
.....ugacuagauccauacucgucugcUgc.....	2	1	c16
.....ugacuagauccauacucgucugcaCcc.....	2	1	c16
.....gacuagauccauacucgu.....	5	0	c16
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.....gacuagauccauacucguc.....	2	0	c16
.....gacuagaAccauacucgucu.....	1	1	c16
.....gacuagauccauacucgucu.....	10	0	c16
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.....gacuagauccauacuAgucug.....	1	1	c16
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.....gacuaCauccauacucgucug.....	1	1	c16
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.....gacuagauccauacucguUugc.....	1	1	c16
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.....gacuaCauccauacucgucugc.....	1	1	c16
.....gacuagauccauGcucgucugc.....	1	1	c16
.....gacuagauccauacucgucugA.....	1	1	c16
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.....gacuagauccauacucgucugcU.....	22	1	c16
.....gacuagauccauacucgucugca.....	2	0	c16
.....gacuagauccauacucgucugcaU.....	1	1	c16
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.....acuagauccauacucgucu.....	4	0	c16

Star Mature

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.....acuUgauccauacucgucu.....	1	1	c16
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.....acuagauccauacucgucugU.....	7	1	c16
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.....cuagauccauacucgucugA.....	5	1	c16
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.....cuagauccauacucgucugca.....	23	0	c16
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.....cuagauccauacucgucugcU.....	44	1	c16
.....cuagauccauacucgucugcaA.....	2	1	c16
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Star Mature

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.....uagauccauCcucgucug.....	1	1	c16
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.....uUgauccauacucgucugc.....	1	1	c16
.....Gagauccauacucgucugc.....	5	1	c16
.....uagauccauacucgucugca.....	3	0	c16
.....uagauccauacucgucugcU.....	6	1	c16
.....uagauccauacucgucugcaA.....	1	1	c16
.....agauccauacucgucugU.....	3	1	c16
.....aCauccauacucgucugc.....	1	1	c16
.....agauccauaAucgucugc.....	1	1	c16
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.....agauccauacucgucugca.....	2	0	c16
.....agauccauacucgucugcU.....	6	1	c16
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.....auccauacucgucugcaA.....	1	1	c16
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.....Cugacuagauccauacuc.....	1	1	c04
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.....ugacuagaucUauacucgu.....	1	1	c04
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.....Ggacuagauccauacucgu.....	31	1	c04
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.....Ggacuagauccauacucguc.....	15	1	c04
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Star Mature

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.....ugacuagGuccauacucgucu.....	1	1	c04
.....ugacuagauccaGacucgucu.....	1	1	c04
.....ugacuagauccauacucgucA.....	6	1	c04
.....ugacuagauccauacucguUu.....	1	1	c04
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.....ugacuagauccauacucgucC.....	3	1	c04
.....Agacuagauccauacucgucu.....	3	1	c04
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.....Cgacuagauccauacucgucug.....	1	1	c04
.....ugacuagauccGuacucgucug.....	2	1	c04
.....ugacuaUauccauacucgucug.....	2	1	c04
.....ugacuagauccauacucCucug.....	6	1	c04
.....ugacuaAauccauacucgucug.....	3	1	c04
.....ugacuagaucUauacucgucug.....	1	1	c04
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.....ugUcuagauccauacucgucug.....	1	1	c04
.....uAacuagauccauacucgucug.....	3	1	c04
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.....ugacuagauccaGacucgucug.....	2	1	c04
.....ugacuagauccCuacucgucug.....	4	1	c04
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.....Agacuagauccauacucgucugc.....	12	1	c04
.....Ggacuagauccauacucgucugc.....	137	1	c04
.....ugacuagauccauaAucgucugc.....	2	1	c04
.....uCacuagauccauacucgucugc.....	8	1	c04
.....ugacuagauccauacucgucuCc.....	3	1	c04
.....ugacuaUauccauacucgucugc.....	3	1	c04
.....ugacuagaucUauacucgucugc.....	1	1	c04
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Star Mature

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.....ugacuagauccauacucgucugA.....	95	1	c04
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.....ugacuagCuccauacucgucugc.....	8	1	c04
.....ugacuagauccauaUucgucugc.....	1	1	c04
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Star Mature

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.....acuagauccauacucgucugc.....	31	0	c09
.....Ccuagauccauacucgucugc.....	5	1	c09
.....acuagauccauacucgucugU.....	3	1	c09
.....aUuagauccauacucgucugc.....	1	1	c09

Star Mature

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.....acuagauccauacucgucugca.....	9	0	c09
.....acuagCuccauacucgucugca.....	1	1	c09
.....acuagauccauacucgucugcC.....	5	1	c09
.....acuagauccauacucgucugcU.....	27	1	c09
.....acuagauccauacucgucugcaA.....	1	1	c09
.....cuagauccauacucCucu.....	1	1	c09
.....cuagauccauacucgucu.....	83	0	c09
.....cuagaAccauacucgucu.....	1	1	c09
.....cuagauccauacAcgucu.....	1	1	c09
.....cuagauccCuacucgucu.....	2	1	c09
.....cuagauccauacucgucA.....	1	1	c09
.....cuagaucAauacucgucug.....	2	1	c09
.....cuagauccauacucgucuC.....	2	1	c09
.....cuagauccauacucgucug.....	364	0	c09
.....cuagauccauCcucgucug.....	1	1	c09
.....cuagCuccauacucgucug.....	2	1	c09
.....cuagauccauacuAgucug.....	1	1	c09
.....cuagauccauacuUgucug.....	1	1	c09
.....cuagauccauacucCucug.....	1	1	c09
.....cuagauccauacucgucuU.....	6	1	c09
.....cuagauccauacucgGcugc.....	1	1	c09
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.....cuagauccauacucgucugc.....	289	0	c09
.....cuagauAcauacucgucugc.....	1	1	c09
.....cuagauccauacucCucugc.....	1	1	c09
.....cuagauccauacucgucuCc.....	1	1	c09
.....cuagauccauacucgucugU.....	32	1	c09
.....Auagauccauacucgucugc.....	1	1	c09
.....cuagauccauacucgucugG.....	1	1	c09
.....cuagCuccauacucgucugc.....	1	1	c09
.....cuagauccauacucgucugA.....	3	1	c09
.....cuagauccauacucgucugca.....	8	0	c09
.....cuagauccauacucgucugcC.....	4	1	c09
.....cuagauccauacucgucugcU.....	24	1	c09
.....uagauccauacucgucug.....	42	0	c09
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.....uGgauccauacucgucug.....	1	1	c09
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.....Gagauccauacucgucugc.....	3	1	c09
.....uagauccauacucgucugc.....	33	0	c09
.....Aagauccauacucgucugc.....	1	1	c09
.....uagauccauacAcgucugc.....	1	1	c09
.....uagauccauacucgucugca.....	1	0	c09
.....uagauccauacucgucugUa.....	2	1	c09
.....uagauccauacucgucugcU.....	3	1	c09
.....aUauccauacucgucugc.....	2	1	c09
.....agauccauacucgucugc.....	30	0	c09
.....agauccauacucgucugU.....	4	1	c09
.....agauccauacucgucugca.....	1	0	c09
.....agauccauacucgucugcG.....	1	1	c09
.....agauccauacucgucugcU.....	2	1	c09
.....gauccauacucgucugcG.....	1	1	c09
.....gauccauacucgucugcU.....	1	1	c09

.....ggcgaguuugcuucugguucaug.....	2	0	c02
.....cgaguuugcuucugguucaug.....	1	0	c02
.....cgaguuugcuucugguucaugu.....	3	0	c02
.....cgaguuugcuucugguucauguu.....	4	0	c02
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.....ucaugacuagauccauacucg.....	2	0	c02
.....caugacuagauccauacucgu.....	2	0	c02
.....cUugacuagauccauacucgu.....	1	1	c02
.....cUugacuagauccauacucgucug.....	1	1	c02
.....cCugacuagauccauacucgucugc.....	1	1	c02
.....augacuagauccauacucgu.....	1	0	c02
.....Cugacuagauccauacucgucug.....	2	1	c02
.....ugacuagaucUauacucg.....	1	1	c02
.....Ggacuagauccauacucg.....	16	1	c02
.....ugacuagauccauacucC.....	1	1	c02

Star Mature

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.....ugacuagauccauacucgA.....	2	1	c02
.....ugacuagauccauaAucgu.....	2	1	c02
.....ugacuagauccauacucUu.....	1	1	c02
.....ugacuagauUcauacucgu.....	1	1	c02
.....ugacuagauccauacucgu.....	491	0	c02
.....ugacuagauccauCcucgu.....	1	1	c02
.....ugacuagaucAauacucgu.....	1	1	c02
.....Cgacuagauccauacucgu.....	1	1	c02
.....Agacuagauccauacucgu.....	2	1	c02
.....ugacuagauccGuacucgu.....	1	1	c02
.....ugacuagaGccauacucgu.....	1	1	c02
.....ugacuagCuccauacucgu.....	1	1	c02
.....Ggacuagauccauacucgu.....	42	1	c02
.....uCacuagauccauacucgu.....	2	1	c02
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.....ugacuagauccauacucguc.....	182	0	c02
.....Ggacuagauccauacucguc.....	23	1	c02
.....ugacuagauccauacucguA.....	1	1	c02
.....ugacuagauccauacucguU.....	3	1	c02
.....ugacuagauccauacucgAc.....	1	1	c02
.....ugacuagauccauacucAuc.....	1	1	c02
.....ugacuaUauccauacucguc.....	1	1	c02
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.....ugacuagaAccauacucgucu.....	1	1	c02
.....ugacuagauccauacucCucu.....	4	1	c02
.....uCacuagauccauacucgucu.....	1	1	c02
.....ugacuagauccauacuAgucu.....	2	1	c02
.....ugGcuagauccauacucgucu.....	1	1	c02
.....ugacuagauccauacCcgucu.....	1	1	c02
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.....ugacuagCuccauacucgucu.....	3	1	c02
.....ugacuagauccauacAcgucu.....	1	1	c02
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.....ugacuaUauccauacucgucu.....	1	1	c02
.....Cgacuagauccauacucgucu.....	2	1	c02
.....ugacuagauccCuacucgucu.....	3	1	c02
.....ugacGagauccauacucgucu.....	1	1	c02
.....ugacuagauccaGacucgucu.....	2	1	c02
.....ugacuagauccauacucUucu.....	2	1	c02
.....ugacuagauccauacucguUu.....	2	1	c02
.....ugacuagauccauCcucgucu.....	5	1	c02
.....ugacuagauccauaAucgucu.....	1	1	c02
.....ugCcuagauccauacucgucu.....	1	1	c02
.....Agacuagauccauacucgucu.....	6	1	c02
.....Ggacuagauccauacucgucu.....	127	1	c02
.....ugacuagauccaCacucgucu.....	1	1	c02
.....ugacuagauccaAacucgucu.....	1	1	c02
.....ugacuagauccauacucgucA.....	2	1	c02
.....ugacuGgauccauacucgucu.....	2	1	c02
.....ugacuagauccauacucgucu.....	1733	0	c02
.....ugacuagauccauacucgucG.....	2	1	c02
.....ugacuaCauccauacucgucu.....	1	1	c02
.....ugaAuagauccauacucgucu.....	2	1	c02
.....ugacuagGuccauacucgucu.....	1	1	c02
.....ugacuagaucAauacucgucu.....	2	1	c02
.....ugacuagauccauacucgucC.....	1	1	c02
.....ugacuagauccauacucAucu.....	3	1	c02
.....ugacuagauccauacucgucuA.....	1	1	c02
.....ugacuagauAcauacucgucug.....	3	1	c02
.....ugacuaCauccauacucgucug.....	3	1	c02
.....ugacuagauccauacucgucuU.....	5	1	c02
.....ugGcuagauccauacucgucug.....	1	1	c02
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.....ugaAuagauccauacucgucug.....	1	1	c02
.....ugacuagauccauacuAgucug.....	4	1	c02
.....Cgacuagauccauacucgucug.....	2	1	c02
.....ugacuagauccauacucCucug.....	1	1	c02
.....ugacuagauccauaAucgucug.....	2	1	c02

Star Mature

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.....ugacuagauccauacucAucug.....	3	1	c02
.....ugacuagauGcauacucgucug.....	1	1	c02
.....ugacuagaAccauacucgucug.....	2	1	c02
.....ugacuagauccauacucgGcug.....	1	1	c02
.....ugacuagauccauacCgucug.....	4	1	c02
.....Agacuagauccauacucgucug.....	20	1	c02
.....ugacuagauccauacucguUug.....	1	1	c02
.....ugaUuagauccauacucgucug.....	2	1	c02
.....ugacuGgauccauacucgucug.....	1	1	c02
.....ugacuagauccauacucgucug.....	2640	0	c02
.....ugacuagauccauacucguAug.....	1	1	c02
.....ugacGagauccauacucgucug.....	1	1	c02
.....ugacuagauccauacucUucug.....	3	1	c02
.....ugacuagauUcauacucgucug.....	2	1	c02
.....ugacuagauccauacucgucCg.....	1	1	c02
.....ugacuagaucAauacucgucug.....	1	1	c02
.....ugCcuagauccauacucgucug.....	2	1	c02
.....ugacCagauccauacucgucug.....	2	1	c02
.....ugacuagCuccauacucgucug.....	6	1	c02
.....ugacAagauccauacucgucug.....	2	1	c02
.....uUacuagauccauacucgucug.....	2	1	c02
.....ugacuagauccauacuUgucug.....	3	1	c02
.....ugacuagauccauacucgucuC.....	4	1	c02
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.....ugacuagaucAauacucgucugc.....	2	1	c02
.....ugacuagauccauacuUgucugc.....	1	1	c02
.....ugacuagauccauacuAgucugc.....	2	1	c02
.....ugacuagauccauacucUucugc.....	12	1	c02
.....ugacuagauccauacucgucugU.....	473	1	c02
.....ugacuagauccauacucgucugc.....	1261	0	c02
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.....Agacuagauccauacucgucugc.....	3	1	c02
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.....ugacuagauccauacucgCcugc.....	1	1	c02
.....Cgacuagauccauacucgucugc.....	1	1	c02
.....ugaGuagauccauacucgucugc.....	2	1	c02
.....ugacuagauccauacucgucugG.....	3	1	c02
.....ugGcuagauccauacucgucugc.....	1	1	c02
.....ugacuagaucUauacucgucugc.....	1	1	c02
.....ugacuagauccauacucgucugA.....	53	1	c02
.....ugacuagauccauacucAucugc.....	1	1	c02
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.....ugCcuagauccauacucgucugc.....	3	1	c02
.....ugacuagUuccauacucgucugc.....	1	1	c02
.....ugacAagauccauacucgucugc.....	1	1	c02
.....ugacuagauccauacucguUugc.....	2	1	c02
.....ugacuagauccauacucgucAgc.....	1	1	c02
.....ugacuagCuccauacucgucugc.....	2	1	c02
.....ugacuagauccauacucgGcugc.....	1	1	c02
.....ugacuagauAcauacucgucugc.....	3	1	c02
.....ugacuagauccauacucgucGgc.....	1	1	c02
.....ugacuagauccauCcucgucugc.....	1	1	c02
.....ugacuagauccauacucCucugc.....	4	1	c02
.....ugacuagauccauacucgucCgc.....	1	1	c02
.....ugacuCgauccauacucgucugc.....	1	1	c02
.....ugacGagauccauacucgucugc.....	1	1	c02
.....Ggacuagauccauacucgucugc.....	110	1	c02
.....ugacuagauccauacucgucugUa.....	24	1	c02
.....ugacuagauccauacucgucugcU.....	440	1	c02
.....ugacuagauccauacucgucugca.....	62	0	c02
.....ugacuagauccauacucgucugAa.....	2	1	c02
.....ugacuagauccauacucgucugcC.....	6	1	c02
.....ugacuagauccauacucgucuAca.....	1	1	c02
.....Ggacuagauccauacucgucugca.....	5	1	c02

Star Mature

cuuacuacuauauauaacuugaugauauuuguggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

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.....ugacuagauccauacucgucugcUg.....	2	1	c02
.....ugacuagauccauacucgucugcaA.....	1	1	c02
.....gacuagauccauacucgu.....	1	0	c02
.....gacuagauccauacucguc.....	1	0	c02
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.....gacuagauccauacucgucug.....	6	0	c02
.....Aacuagauccauacucgucug.....	1	1	c02
.....gacuagauccauacucgucugc.....	1	0	c02
.....gUcuagauccauacucgucugc.....	1	1	c02
.....gacuagauccauacucgucugcU.....	1	1	c02
.....acuagauccauacucguc.....	1	0	c02
.....Ccuagauccauacucgucu.....	1	1	c02
.....acuagauccauacucgucu.....	3	0	c02
.....acuagauccauacucgucug.....	4	0	c02
.....Ccuagauccauacucgucug.....	1	1	c02
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.....acuagauAcauacucgucugca.....	1	1	c02
.....acuagauccauacucgucugcC.....	1	1	c02
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.....acuaUauccauacucgucugca.....	1	1	c02
.....acuagauccauacucgucugcU.....	58	1	c02
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.....cuagCuccauacucgucug.....	2	1	c02
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.....cAagauccauacucgucug.....	1	1	c02
.....cuagauccauacucgucuU.....	3	1	c02
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.....cuagauccauacucgucAgc.....	1	1	c02
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.....Uuagauccauacucgucugc.....	1	1	c02
.....cuagauAcauacucgucugc.....	2	1	c02
.....cuagauccauacucgucuUc.....	1	1	c02
.....cuagGuccauacucgucugc.....	1	1	c02
.....cuagauccauacucgucugA.....	4	1	c02
.....cuagCuccauacucgucugc.....	2	1	c02
.....cuagauccauacAcgucugc.....	2	1	c02
.....cuagauccauacucgucugc.....	269	0	c02
.....cuagauUcauacucgucugc.....	1	1	c02
.....cuagauccauacucgucugU.....	14	1	c02
.....cuagauccauacucgucugca.....	5	0	c02
.....cuagauccauacucgucugcC.....	7	1	c02
.....cuagauccauacucgucugUa.....	1	1	c02
.....cuagauccauacucgucugcU.....	27	1	c02
.....Gagauccauacucgucug.....	2	1	c02
.....uagauccauacucgucuC.....	1	1	c02
.....uagauccauacucgucug.....	15	0	c02
.....Gagauccauacucgucugc.....	1	1	c02
.....uagauccauacucguAugc.....	1	1	c02
.....uagauccauacucgucugc.....	16	0	c02
.....uagauccauacucgucugcC.....	1	1	c02
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.....agauccauacucgucugc.....	7	0	c02
.....Cgauccauacucgucugc.....	1	1	c02
.....gauccauacucgucugcU.....	3	1	c02

Star Mature

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.....auauaacuugaugauauuugu.....	1	0	c15
.....auauaacuugaugauauuugug.....	5	0	c15
.....auauaacuugaugauauuuguA.....	1	1	c15
.....auaacuugaugauauuugug.....	1	0	c15
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.....ugggcgaguuugcuucugguuca.....	6	0	c15
.....ugggcgagGuugcuucugguuca.....	1	1	c15
.....ugggcgaguuugcuucugguucau.....	2	0	c15
.....Cgggcgaguuugcuucugguucaug.....	1	1	c15
.....gggcgaguuugcuucuggu.....	1	0	c15
.....gggcgaguuugcuucugguu.....	3	0	c15
.....gggcgaguuugcuucugguuc.....	13	0	c15
.....gggcgaguuugcuucuggguU.....	5	1	c15
.....gggcgaguuugcuucugguuca.....	65	0	c15
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.....gggcgaguuugcuucugguucUu.....	2	1	c15
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.....gggcgaguuugcuucugguucauU.....	11	1	c15
.....gggcgaguuugcuucugguCcaug.....	1	1	c15
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.....gggcgUguuugcuucugguucaug.....	2	1	c15
.....gggcgaguuugcuucuggCucaug.....	1	1	c15
.....ggAcgaguuugcuucugguucaug.....	1	1	c15
.....gggcgaguuugcuucugguucaug.....	301	0	c15
.....gggcgGguuugcuucugguucaugu.....	1	1	c15
.....gggcgaguuugcuucugguucaugA.....	2	1	c15
.....gggcgaguuugcuucugguucaugu.....	10	0	c15
.....gggcgaguuugcuucugguucauguu.....	1	0	c15
.....ggcgaguuugcuucuggguU.....	1	1	c15
.....ggcgaguuugcuucugguuc.....	2	0	c15
.....ggcgaguuugcuucugguucU.....	2	1	c15
.....ggcgaguuugcuucugguuca.....	28	0	c15
.....ggcgaguuugcuucugguucaC.....	1	1	c15
.....ggcgaguuugcuucugguucau.....	25	0	c15
.....Agcgaguuugcuucugguucaug.....	1	1	c15
.....Ugcgaguuugcuucugguucaug.....	1	1	c15
.....ggcgaguuugcuucugguucaug.....	99	0	c15
.....ggcgaguuugcuucugguucauA.....	5	1	c15
.....ggcgaguuugcuucugguucauC.....	1	1	c15
.....ggcgaguuugcuucugguucauguuU.....	1	1	c15
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.....gcgaguuugcuucugguucau.....	1	0	c15
.....gcgaguuugcuucugguucaug.....	8	0	c15
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.....cgaguuugcuucugguuca.....	1	0	c15
.....cgaguuugcuucugguucaug.....	1	0	c15
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.....uucuuuauaaaucaugacuagauccaua.....	1	0	c15
.....ucaugacuagauccauacucgu.....	1	0	c15
.....caugacuagauccauacucguc.....	1	0	c15
.....caugacuagauccauacucgucu.....	1	0	c15
.....Uaugacuagauccauacucgucu.....	1	1	c15
.....caugacuagauccauacucguUu.....	1	1	c15
.....Gaugacuagauccauacucgucug.....	1	1	c15
.....Uaugacuagauccauacucgucugc.....	1	1	c15
.....augacuagauccauacucgu.....	1	0	c15
.....Cugacuagauccauacucgucu.....	6	1	c15
.....augacuagauccauacucguUu.....	1	1	c15

Star Mature

cuuacuacuauauauaacuugaugauauuugugggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

.....Cugacuagauccauacucgucug.....	14	1	c15
.....augacuagauccauacucgucug.....	11	0	c15
.....augacuagauccauacucgucugc.....	4	0	c15
.....augacuagauccauacucgucugU.....	1	1	c15
.....Cugacuagauccauacucgucugc.....	80	1	c15
.....ugacuagauccauacucg.....	77	0	c15
.....ugacuagauccauacucA.....	11	1	c15
.....ugacuagauccauacucgu.....	102	0	c15
.....ugacuagauccauacucAu.....	1	1	c15
.....ugacuagauccauacucgA.....	1	1	c15
.....ugacuagauccaAacucgu.....	1	1	c15
.....ugacuaUauccauacucgu.....	1	1	c15
.....ugacuagauAcauacucguc.....	1	1	c15
.....ugacuagauccauacucguU.....	2	1	c15
.....ugacuagauccauacucguc.....	514	0	c15
.....ugacuagauccauacucguA.....	3	1	c15
.....ugacuagauccauacAcguc.....	1	1	c15
.....Agacuagauccauacucguc.....	1	1	c15
.....ugacuagauccGuacucguc.....	1	1	c15
.....ugacuagauccauacucgAc.....	4	1	c15
.....ugacuagaucUauacucguc.....	2	1	c15
.....ugacuUgauccauacucguc.....	1	1	c15
.....ugacuagauccauacAcgucu.....	2	1	c15
.....ugacuagauccauacucguUu.....	6	1	c15
.....ugacuagauccGuacucgucu.....	1	1	c15
.....ugacuagauccauacucgucC.....	40	1	c15
.....ugacuagauccauacCgucu.....	2	1	c15
.....ugacuagauccauacucgucu.....	4044	0	c15
.....ugUcuagauccauacucgucu.....	1	1	c15
.....ugacuagauccauGcucgucu.....	2	1	c15
.....ugacuagauccaGacucgucu.....	1	1	c15
.....ugacuagauccauacuGgucu.....	1	1	c15
.....ugacuCgauccauacucgucu.....	1	1	c15
.....ugacuagauccauacucgucA.....	143	1	c15
.....ugacCagauccauacucgucu.....	1	1	c15
.....ugacuagauccauacucAucu.....	1	1	c15
.....ugacuagauccauaUucgucu.....	2	1	c15
.....ugacuaUauccauacucgucu.....	1	1	c15
.....ugacuagauccauacucgGcu.....	1	1	c15
.....ugacuagauccaAacucgucu.....	2	1	c15
.....ugacuagauccauacucUucu.....	4	1	c15
.....ugacuagauccauacucgAcu.....	1	1	c15
.....ugacuagaucUauacucgucu.....	2	1	c15
.....ugGcuagauccauacucgucu.....	1	1	c15
.....uAacuagauccauacucgucu.....	4	1	c15
.....ugacuagauAcauacucgucu.....	1	1	c15
.....uUacuagauccauacucgucu.....	2	1	c15
.....ugacuGgauccauacucgucu.....	2	1	c15
.....ugacuagauUcauacucgucu.....	1	1	c15
.....Agacuagauccauacucgucu.....	2	1	c15
.....ugaUuagauccauacucgucu.....	3	1	c15
.....ugacuagauccaCacucgucu.....	2	1	c15
.....ugacuagauccauacucgCcu.....	1	1	c15
.....Cgacuagauccauacucgucu.....	3	1	c15
.....ugacuagaucAauacucgucu.....	1	1	c15
.....ugacuagauccauacucCucu.....	1	1	c15
.....ugacuagGuccauacucgucu.....	2	1	c15
.....ugacuagauGcauacucgucu.....	1	1	c15
.....ugacuagauccauacucgucG.....	7	1	c15
.....ugacuagauccauacucguGu.....	5	1	c15
.....ugacuagauAcauacucgucug.....	12	1	c15
.....ugacuagauccauaUucgucug.....	18	1	c15
.....ugacuaAauccauacucgucug.....	5	1	c15
.....ugacuagauccCuacucgucug.....	3	1	c15
.....ugacuagauccauacucgucug.....	48057	0	c15
.....ugacuagauccauacucgucGg.....	28	1	c15
.....ugacuagauccauacucguAug.....	14	1	c15
.....ugacCagauccauacucgucug.....	9	1	c15
.....uAacuagauccauacucgucug.....	29	1	c15
.....ugacuagauccauUcucgucug.....	6	1	c15

Star Mature

cuuacuacuauauauaacuugaugauauuugugggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

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.....ugacuagauccauacCcgucug.....	8	1	c15
.....ugacuagauccauacuUgucug.....	18	1	c15
.....uCacuagauccauacucgucug.....	7	1	c15
.....ugacuagauccauacuGgucug.....	9	1	c15
.....ugacuGgauccauacucgucug.....	22	1	c15
.....ugaAuagauccauacucgucug.....	6	1	c15
.....ugacuagauccauacucgGcug.....	3	1	c15
.....ugacuagauccauacucUucug.....	11	1	c15
.....ugacuagauccauacucguUug.....	26	1	c15
.....Cgacuagauccauacucgucug.....	30	1	c15
.....ugacuagaCccauacucgucug.....	10	1	c15
.....ugacuagauGcauacucgucug.....	2	1	c15
.....ugacuagauccauacucgucAg.....	40	1	c15
.....ugacuagaucAauacucgucug.....	5	1	c15
.....ugacuagauccauacucAucug.....	18	1	c15
.....ugacuagauccauaAucgucug.....	4	1	c15
.....ugacuagauccGuacucgucug.....	13	1	c15
.....ugacuagauccaGacucgucug.....	13	1	c15
.....ugGcuagauccauacucgucug.....	13	1	c15
.....ugacuagauccauacucgucuU.....	153	1	c15
.....ugacuagauccauaGucgucug.....	1	1	c15
.....ugacuagGuccauacucgucug.....	10	1	c15
.....ugacuaCauccauacucgucug.....	3	1	c15
.....ugacGagauccauacucgucug.....	1	1	c15
.....ugacuagaucGauacucgucug.....	2	1	c15
.....uUacuagauccauacucgucug.....	14	1	c15
.....ugacuagauccauacucgCcug.....	11	1	c15
.....Ggacuagauccauacucgucug.....	7	1	c15
.....ugacuagaAccauacucgucug.....	6	1	c15
.....ugacuCgauccauacucgucug.....	5	1	c15
.....ugacuagauccaCacucgucug.....	11	1	c15
.....ugacuagauccauacucguGug.....	30	1	c15
.....ugacuagauccauacucgucuA.....	3379	1	c15
.....ugacuagauccauacAcgucug.....	8	1	c15
.....ugacAagauccauacucgucug.....	3	1	c15
.....ugacuagauUcauacucgucug.....	14	1	c15
.....ugacuagaucUauacucgucug.....	19	1	c15
.....ugacuagauccauacucgucCg.....	47	1	c15
.....ugUcuagauccauacucgucug.....	8	1	c15
.....ugacuagauccUuacucgucug.....	10	1	c15
.....ugacuagauccauacucCucug.....	4	1	c15
.....ugaUuagauccauacucgucug.....	16	1	c15
.....ugaGuagauccauacucgucug.....	4	1	c15
.....ugacuUgauccauacucgucug.....	10	1	c15
.....ugacuagauccaAacucgucug.....	6	1	c15
.....ugacuagauccauacGcgucug.....	9	1	c15
.....Agacuagauccauacucgucug.....	38	1	c15
.....ugacuagaGccauacucgucug.....	2	1	c15
.....ugacuagauccauacuAgucug.....	8	1	c15
.....ugacuagauccauacucgucuC.....	141	1	c15
.....ugacuagauccauacucgAcug.....	9	1	c15
.....ugacuagauccauGcucgucug.....	10	1	c15
.....ugacuaUauccauacucgucug.....	11	1	c15
.....ugacuagauccUuacucgucugc.....	23	1	c15
.....ugacuagauccauacucgucugU.....	8599	1	c15
.....ugacuagGuccauacucgucugc.....	25	1	c15
.....ugacuagauccauGcucgucugc.....	20	1	c15
.....ugacuagauccauacuGgucugc.....	21	1	c15
.....ugacuagauccauacuAgucugc.....	20	1	c15
.....ugacuagaucGauacucgucugc.....	8	1	c15
.....ugacuagauccauacucgucugc.....	114062	0	c15
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.....ugacuagauccauacucAucugc.....	42	1	c15
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.....ugacuagauccaAacucgucugc.....	38	1	c15
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.....ugaGuagauccauacucgucugc.....	10	1	c15
.....ugacGagauccauacucgucugc.....	1	1	c15
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Star Mature

cuuacuacuauauauaacuugaugauauuuguggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

.....ugacuagauGcauacucgucugc.....	10	1	c15
.....ugacuagUuccauacucgucugc.....	15	1	c15
.....ugacuagauccauacucgucugG.....	23	1	c15
.....ugacuagauccaCacucgucugc.....	19	1	c15
.....ugaUuagauccauacucgucugc.....	31	1	c15
.....ugacuagauccauaAucgucugc.....	9	1	c15
.....ugacuagaAccauacucgucugc.....	19	1	c15
.....ugCcuagauccauacucgucugc.....	3	1	c15
.....Cgacuagauccauacucgucugc.....	73	1	c15
.....ugacuagauccauaGucgucugc.....	10	1	c15
.....ugacuagauccauacCcgucugc.....	22	1	c15
.....ugacuagaucAauacucgucugc.....	20	1	c15
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.....ugacuaUauccauacucgucugc.....	12	1	c15
.....ugaAuagauccauacucgucugc.....	11	1	c15
.....uAacuagauccauacucgucugc.....	69	1	c15
.....ugacuagCuccauacucgucugc.....	3	1	c15
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.....ugacuagauccauacucguGugc.....	75	1	c15
.....ugacuagauccauacucguAugc.....	70	1	c15
.....ugacuagaucUauacucgucugc.....	37	1	c15
.....ugacuagauccauacucgGcugc.....	6	1	c15
.....Agacuagauccauacucgucugc.....	91	1	c15
.....ugacuagauccauCcucgucugc.....	2	1	c15
.....ugacuaCauccauacucgucugc.....	8	1	c15
.....ugacuagauccauacAcgucugc.....	34	1	c15
.....ugacuGgauccauacucgucugc.....	62	1	c15
.....uCacuagauccauacucgucugc.....	11	1	c15
.....ugacuagaCccauacucgucugc.....	11	1	c15
.....ugUcuagauccauacucgucugc.....	29	1	c15
.....ugacuagauccauacucUucugc.....	15	1	c15
.....ugacuagauccauacucgucugA.....	1883	1	c15
.....ugacCagauccauacucgucugc.....	27	1	c15
.....ugacuagauccauacucgucCgc.....	44	1	c15
.....ugacuagauccauacucCucugc.....	3	1	c15
.....ugacuagauccauacucgucGgc.....	8	1	c15
.....Ggacuagauccauacucgucugc.....	14	1	c15
.....ugGcuagauccauacucgucugc.....	10	1	c15
.....ugacuagauccauacucgucuAc.....	1089	1	c15
.....ugacuagauccauaUucgucugc.....	39	1	c15
.....ugacuagauccauacucgCcugc.....	26	1	c15
.....ugacuagauccauacucguUugc.....	56	1	c15
.....ugacuagauccauacucgucuCc.....	16	1	c15
.....ugacuagauUcauacucgucugc.....	51	1	c15
.....ugacuagauccauacucgucAgc.....	28	1	c15
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.....ugacuagauccGuacucgucugc.....	27	1	c15
.....ugacuaAauccauacucgucugc.....	7	1	c15
.....ugacuagauccauacucgucuUc.....	15	1	c15
.....ugacuagauccauUcucgucugc.....	2	1	c15
.....ugacuUgauccauacucgucugc.....	30	1	c15
.....uCacuagauccauacucgucugca.....	1	1	c15
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.....ugacuagauccauacucgucugca.....	618	0	c15
.....ugacuagauccauacuUgucugca.....	1	1	c15
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.....ugacuagauccauacucgucuAca.....	1	1	c15
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.....ugacuagauccauacucgucugcG.....	15	1	c15
.....ugacuagauccauacucgucugAa.....	23	1	c15
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.....ugacuagauccauacucgucugcC.....	173	1	c15
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.....Agacuagauccauacucgucugca.....	1	1	c15
.....ugacuagauccauacucgucugcaC.....	3	1	c15

Star Mature

cuuacuacuauauauaacuugaugauauuugugggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

.....ugacuagauccauacucgucugcaA.....	34	1	c15
.....ugacuagauccauacucgucugcaU.....	86	1	c15
.....ugacuagauccauacucgucugAagc.....	1	1	c15
.....ugacuagauccauacucgucugcaUc.....	2	1	c15
.....ugacuagauccauacucgucugcaAc.....	1	1	c15
.....ugacuagauccauacucgucugGagcca.....	1	1	c15
.....gacuagauccauacucgu.....	2	0	c15
.....gacuagauccauacucguc.....	4	0	c15
.....gacuagauccauacucgucC.....	1	1	c15
.....gacuagauccauacucgucu.....	34	0	c15
.....gacuagauccauacucgucCg.....	1	1	c15
.....gacuagauccaCacucgucug.....	1	1	c15
.....gacuagauccauacucgucuU.....	3	1	c15
.....gacuaAauccauacucgucug.....	1	1	c15
.....Cacuagauccauacucgucug.....	1	1	c15
.....gacuagauccauacucgucuA.....	27	1	c15
.....gacuagauccauacucgucug.....	323	0	c15
.....gacuagGuccauacucgucug.....	1	1	c15
.....gGcuagauccauacucgucug.....	1	1	c15
.....Uacuagauccauacucgucug.....	1	1	c15
.....gacuagauccauaAucgucug.....	1	1	c15
.....gacuagauccauUcucgucug.....	1	1	c15
.....Uacuagauccauacucgucugc.....	1	1	c15
.....gacuagauccauaAucgucugc.....	1	1	c15
.....gacCagauccauacucgucugc.....	2	1	c15
.....gGcuagauccauacucgucugc.....	2	1	c15
.....gacuagauccauacucgucugc.....	649	0	c15
.....gacuagauccauacuAgucugc.....	1	1	c15
.....gacuagauUcauacucgucugc.....	2	1	c15
.....gacuagauccauacuUgucugc.....	1	1	c15
.....gacuagauccauacucgucugU.....	19	1	c15
.....gacuGgauccauacucgucugc.....	1	1	c15
.....gacuaAauccauacucgucugc.....	1	1	c15
.....gacuagaAccauacucgucugc.....	1	1	c15
.....gacuagauccauacucgAcugc.....	1	1	c15
.....gacuagauccauacucgucugA.....	9	1	c15
.....gacuagauccauacucgCcugc.....	1	1	c15
.....gacuagauccauacucgucuAc.....	12	1	c15
.....gacuagauccauacucgucGgc.....	1	1	c15
.....gacuagauccauacucgucAgc.....	1	1	c15
.....gCcuagauccauacucgucugc.....	1	1	c15
.....gacuagauccauacucCucugc.....	1	1	c15
.....gacuagauccauacucgucugca.....	4	0	c15
.....gacuagauccauacucgucugUa.....	1	1	c15
.....gacuagauccauacucgucugcU.....	23	1	c15
.....acuagauccauacucgucu.....	1	0	c15
.....acuagauccauacucgucug.....	6	0	c15
.....acuagauccauacucgucugc.....	85	0	c15
.....aGuagauccauacucgucugc.....	1	1	c15
.....acuagauccauacucgucugA.....	2	1	c15
.....acuagauccauacucgucugU.....	4	1	c15
.....acuagauccauacucgucugcU.....	157	1	c15
.....acuagauccauacucgucugUa.....	35	1	c15
.....acuagauccauacucgucugcC.....	7	1	c15
.....acuagauccauacucgucugca.....	107	0	c15
.....acuagauccauacucgucugcG.....	1	1	c15
.....acuagauccauacucgucugcaU.....	9	1	c15
.....cuagauccauacucgucu.....	2	0	c15
.....cuagauccauacucgucug.....	15	0	c15
.....cuagauccauacucUucugc.....	1	1	c15
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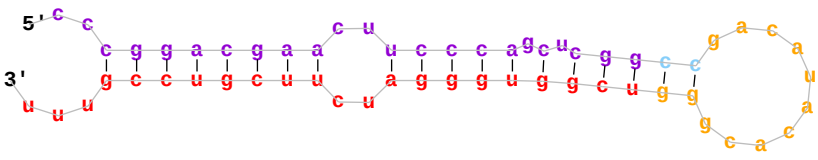
.....cuagauccauacucgucugU.....	3	1	c15
.....cuagauccauacucgucugcU.....	6	1	c15
.....cuagauccauacucgucugcC.....	1	1	c15
.....cuagauccauacucgucugca.....	1	0	c15
.....cuagauccauacucgucugcaA.....	1	1	c15
.....uagauccauacucgucug.....	7	0	c15
.....uagauccauacucgucuA.....	1	1	c15
.....uagauccauacucgucugU.....	1	1	c15
.....uagaucUauacucgucugc.....	1	1	c15

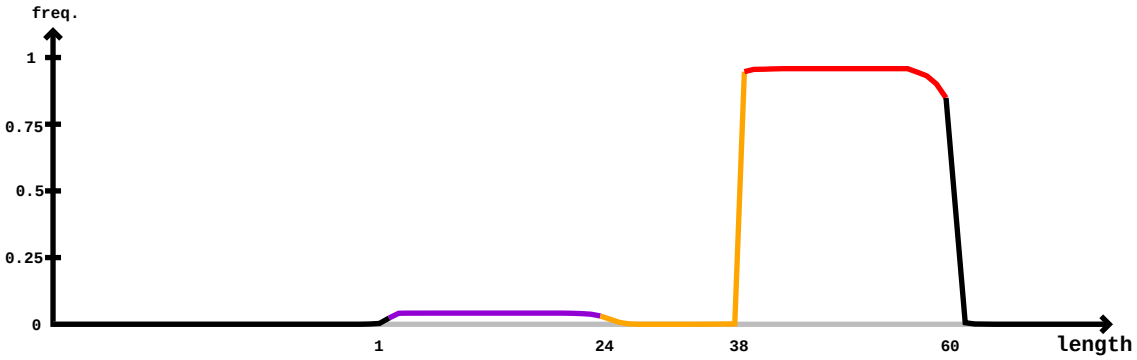
Star Mature

cuuacuacuauauauaacuugaugauauuugugggcgaguuugcuucugguucauguucuuuauaaaucaugacuagauccauacucgucugcagccaucaacuuaauc

.....uagauccauacucgucugc.....	11	0	c15
.....uagauccauacucgucugcU.....	1	1	c15
.....aUauccauacucgucugc.....	1	1	c15
.....agauccauacucgucugU.....	1	1	c15
.....agauccauacucgucugc.....	13	0	c15
.....agauccauacucgucugcU.....	1	1	c15
.....agauccauacucgucugca.....	1	0	c15
.....gauccauacucgucugcC.....	1	1	c15
.....gauccauacucgucugca.....	1	0	c15

Provisional ID	:	group10_14867
Score total	:	131166.5
Score for star read(s)	:	3.9
Score for read counts	:	131156.2
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	257269
Mature read count	:	246722
Loop read count	:	0
Star read count	:	10547





Star **Mature**

```
5'- cuggaagaaagaagaacgguaucaagugcuacgcccggacgaacuucccagcucggccgacauacacgggucgguggggaucuucguccguuuguaucgcuuauacguu -3'   obs
    cuggaagaaagaagaacgguaucaagugcuacgccggacgaacuucccagcucggccgacauacacgggucgguggggaucuucguccguuuguaucgcuuauacguu       exp
    ..................((((.(((((.((((..(((((((((..(((((.(.(((((..........)))))))))))..)))))))))..))))).)))))))... reads     mm        sample
    ................................cgcccggacgaacuucccag.................................................... 1         0         c15
    ................................cgcccggacgaacuucccagc................................................... 6         0         c15
    ................................cgcccggacgaacuucccagcu.................................................. 9         0         c15
    ................................cgcccggaGgaacuucccagcu.................................................. 1         1         c15
    ................................cgcccggacgaacuucccagcuc................................................. 8         0         c15
    ................................cgcccggacgaacuucccagcucg................................................ 26        0         c15
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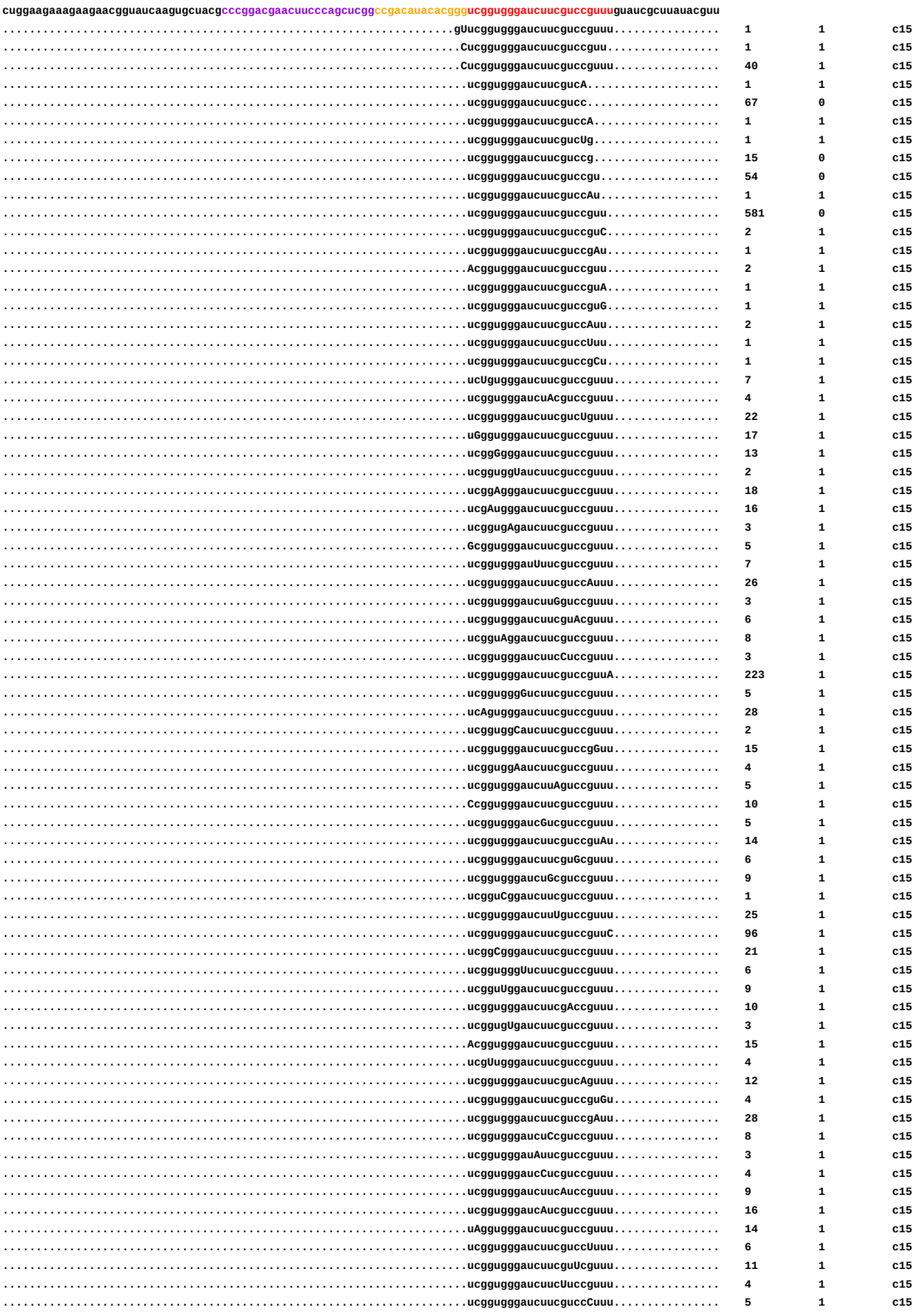
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Star Mature

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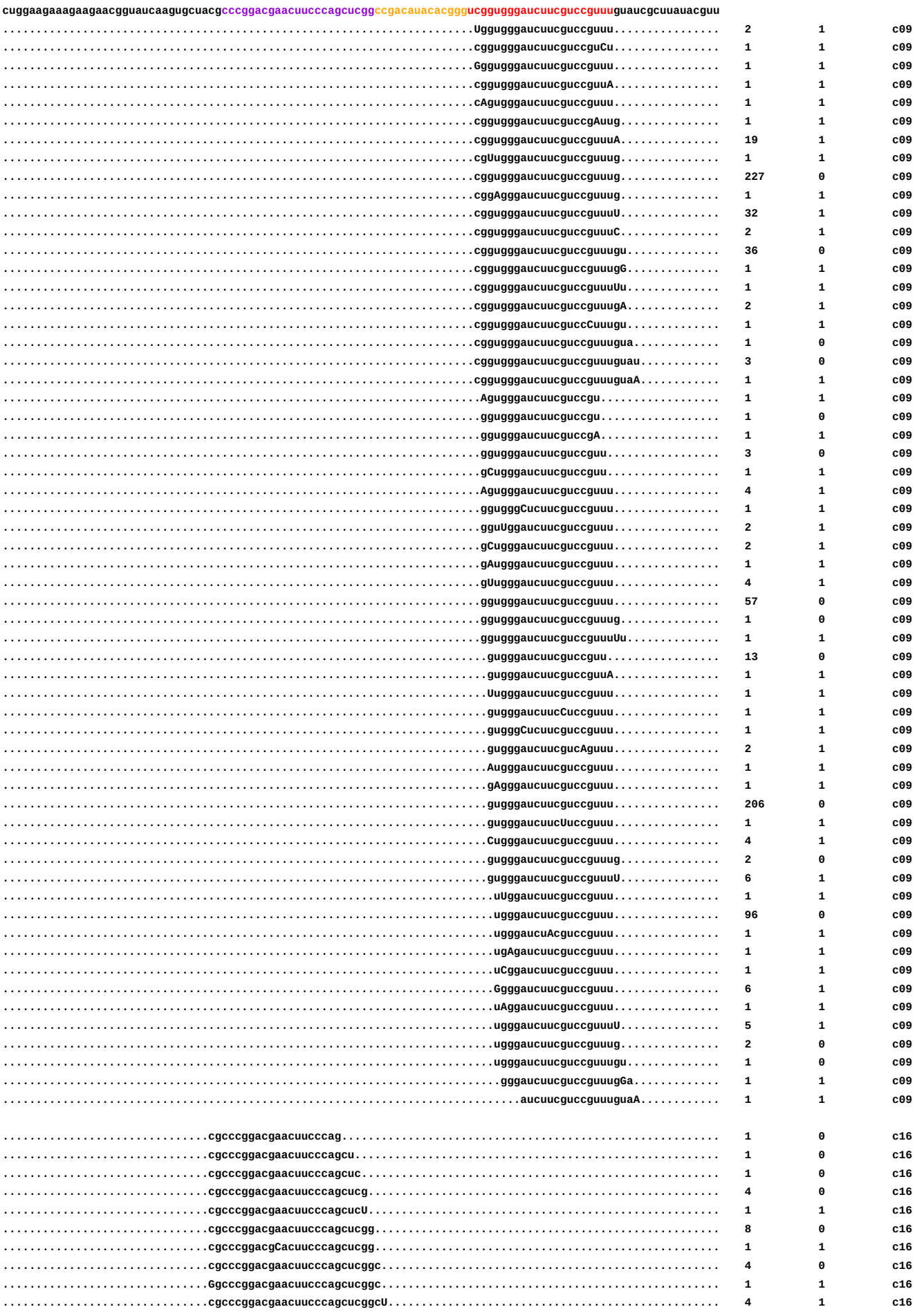
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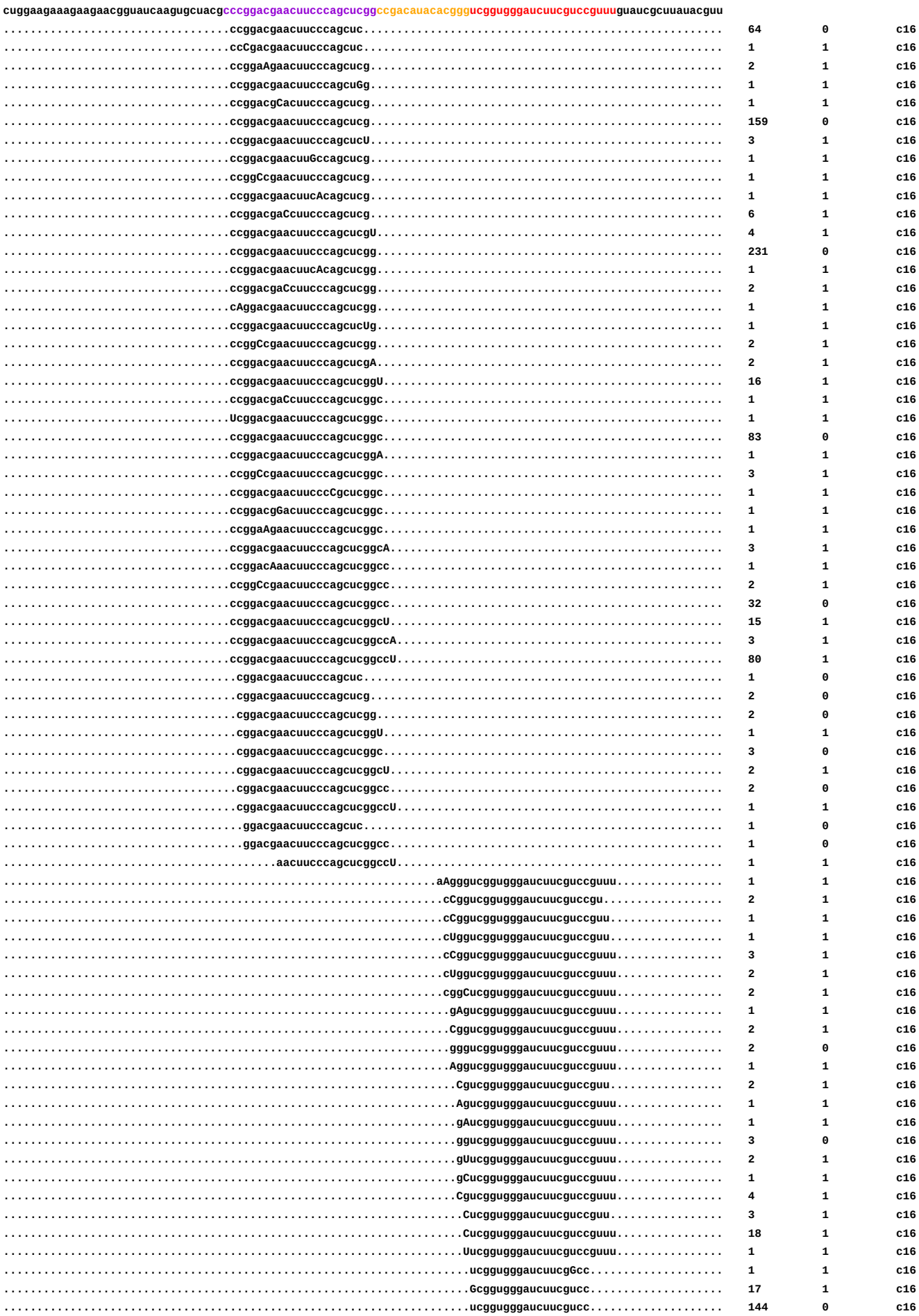
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.....Gcgguggguucuucguccguu.....	33	1	c04
.....ucgguggguucuucguccguA.....	1	1	c04
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.....ucgguggguucuucguccgGu.....	1	1	c04
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.....ucgguggguucuucguccCuuu.....	1	1	c04
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.....ucgguggguucuucgAccguuu.....	3	1	c04
.....uAgguggguucuucguccguuu.....	5	1	c04
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.....ucgguggguucGucguccguuu.....	3	1	c04
.....ucgguggguuAuucguccguuu.....	3	1	c04
.....ucgguCggauucuucguccguuu.....	5	1	c04
.....ucgAuggguucuucguccguuu.....	2	1	c04
.....ucgguggguucuucgucGguuu.....	2	1	c04
.....ucgguggguucuuGguccguuu.....	1	1	c04
.....ucgguggguucuAcguccguuu.....	2	1	c04
.....ucgguggguucuucguccAuuu.....	2	1	c04
.....ucgguggguucuucguGcguuu.....	3	1	c04
.....ucggAgggauucuucguccguuu.....	6	1	c04
.....ucgguggguucuucgCccguuu.....	1	1	c04
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.....ucgguggguucuucguccguGu.....	1	1	c04
.....Ccgguggguucuucguccguuu.....	2	1	c04
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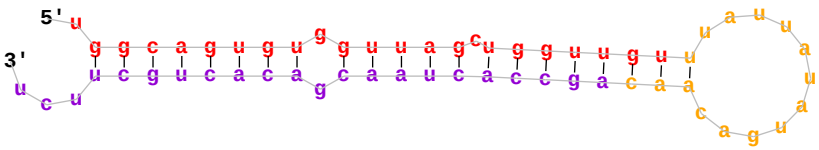
.....ucgguggguucuucguccguAu.....	3	1	c04
.....ucgguggguucuucguccguCu.....	3	1	c04
.....ucgguggguucuucguccgGuu.....	2	1	c04
.....ucgguugggCucuucguccguuu.....	11	1	c04
.....ucgUuggguucuucguccguuu.....	3	1	c04
.....ucgguggguucuucguccUuuu.....	6	1	c04
.....ucUguggguucuucguccguuu.....	3	1	c04
.....ucggGgggauucuucguccguuu.....	1	1	c04
.....Acgguggguucuucguccguuu.....	7	1	c04
.....ucgguggguucuucguccguuA.....	11	1	c04
.....ucCguggguucuucguccguuu.....	1	1	c04
.....ucAguggguucuucguccguuu.....	1	1	c04
.....Gcgguggguucuucguccguuu.....	366	1	c04
.....ucgCuggguucuucguccguuu.....	2	1	c04
.....ucgguugUaucuucguccguuu.....	2	1	c04
.....uUgguggguucuucguccguuu.....	8	1	c04
.....ucgguggguucuucgucUguuu.....	5	1	c04
.....ucgguggguucuucguccguuu.....	4890	0	c04
.....ucggugCgaucuucguccguuu.....	4	1	c04
.....ucgguugggGucuucguccguuu.....	3	1	c04
.....ucgguggguucuucgucAguuu.....	12	1	c04
.....ucggugUgaucuucguccguuu.....	4	1	c04
.....ucgguggguucuucAuccguuu.....	4	1	c04
.....ucgguggguuUuucguccguuu.....	1	1	c04
.....ucgguggguucAucguccguuu.....	2	1	c04
.....ucgguggguucCucguccguuu.....	2	1	c04
.....ucgguggguucuucUuccguuu.....	2	1	c04
.....ucgguggguucuucguccguuG.....	3	1	c04
.....ucgguggguucuucguccAuuug.....	1	1	c04

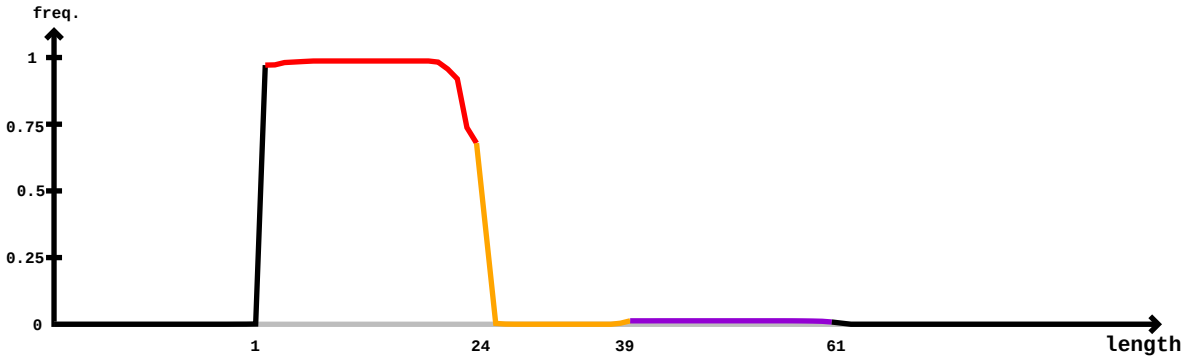
Star Mature

cuggaagaaagaagaacgguaucaagugcuacgcccggacgaacuucccagcucggccgacauacacgggucgguggaucuucguccguuuguaucgcuuauacguu

.....ucgguggaucuucguccguuuC.....	2	1	c04
.....ucgguggaucuucguccguuuA.....	32	1	c04
.....Gcgguggaucuucguccguuug.....	4	1	c04
.....Ccgguggaucuucguccguuug.....	1	1	c04
.....ucgguggaucuucguccguuug.....	32	0	c04
.....ucgguggaucuucguccguuuU.....	283	1	c04
.....ucgguggaucuucguccguuGgu.....	1	1	c04
.....ucgguggaucuucguccguuuUu.....	34	1	c04
.....ucgguggaucuucguccguuugG.....	2	1	c04
.....ucgguggaucuucguccguuuAu.....	2	1	c04
.....ucgguggaucuucguccguuuCu.....	3	1	c04
.....ucgguggaucuucguccguuugu.....	7	0	c04
.....ucgguggaucuucguccguuugC.....	3	1	c04
.....Gcgguggaucuucguccguuugu.....	1	1	c04
.....ucgguggaucuucguccguuugua.....	1	0	c04
.....ucgguggaucuucguccguuugAau.....	1	1	c04
.....cgguggaucuucguccg.....	2	0	c04
.....cgguggaucuucguccgu.....	1	0	c04
.....cgguggaucuucguccguA.....	1	1	c04
.....Gguggaucuucguccguu.....	1	1	c04
.....cgguggaucuucguccguu.....	2	0	c04
.....cgguggaucuucguccguuu.....	27	0	c04
.....cgguggaucuucguccguuug.....	5	0	c04
.....cgguggaucuucguccguuuU.....	3	1	c04
.....cgguggaucuucguccguuuA.....	1	1	c04
.....cgguggaucuucguccguuugA.....	1	1	c04
.....cgguggaucuucguccguuugu.....	2	0	c04
.....cgguggaucuucguccguuugua.....	2	0	c04
.....cgguggaucuucguccguuuguau.....	2	0	c04
.....gguggaucuucguccguu.....	1	0	c04
.....gguggaucuucguccguuu.....	4	0	c04
.....gugggaucuucguccguu.....	1	0	c04
.....gugggaucuucguccguuu.....	8	0	c04
.....gugggaucuucguccguuuU.....	1	1	c04
.....ugggaucuucguccguuu.....	5	0	c04
.....ugggaucuucguccguuuU.....	1	1	c04

Provisional ID	:	group10_15089
Score total	:	288715.2
Score for star read(s)	:	3.9
Score for read counts	:	288704.9
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	566294
Mature read count	:	558955
Loop read count	:	0
Star read count	:	7339





Mature **Star**

```
5'- gaaaauggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag -3'   obs
    gaaaauggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag       exp
    ......(((((((...((((.(((((((((.(((((.(((((((((...........)))))))))).)))))))))...))))).....)))))))..................  reads     mm        sample
    ....augggguuagaccgcguuggcagug.....................................................................................  1         0         c09
    ..............ccgcgCuggcaguguggguuagcugguugu.....................................................................  1         1         c09
    ..............cUcguuggcaguguggguuagcugguu.......................................................................  1         1         c09
    ..............cgcCuuggcaguguggguuagcugguu.......................................................................  1         1         c09
    ..............cCcguuggcaguguggguuagcugguugu.....................................................................  1         1         c09
    ..............gcUuuggcaguguggguuagcug...........................................................................  1         1         c09
    ..............gcUuuggcaguguggguuagcugg..........................................................................  1         1         c09
    ..............Ccguuggcaguguggguuagcugguu.......................................................................  1         1         c09
    ..............gcUuuggcaguguggguuagcugguugu.....................................................................  8         1         c09
    ..............Ccguuggcaguguggguuagcugguugu.....................................................................  1         1         c09
    ..............Acguuggcaguguggguuagcugguugu.....................................................................  1         1         c09
    ..............gUguuggcaguguggguuagcugguuguu....................................................................  1         1         c09
    ..............gcUuuggcaguguggguuagcugguuguu....................................................................  1         1         c09
    ..............cCuuggcaguguggguuagcugguu.........................................................................  1         1         c09
    ..............cgAuggcaguguggguuagcugguu.........................................................................  1         1         c09
    ..............cgGuggcaguguggguuagcugguu.........................................................................  1         1         c09
    ..............cgCuggcaguguggguuagcugguu.........................................................................  3         1         c09
    ..............cUuuggcaguguggguuagcugguu.........................................................................  2         1         c09
    ..............Gguuggcaguguggguuagcugguug........................................................................  1         1         c09
    ..............cgCuggcaguguggguuagcugguug........................................................................  1         1         c09
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    ..............cCuuggcaguguggguuagcugguugu.....................................................................  4         1         c09
    ..............Gguuggcaguguggguuagcugguugu.....................................................................  3         1         c09
    ..............Uguuggcaguguggguuagcugguugu.....................................................................  1         1         c09
    ..............cUuuggcaguguggguuagcugguugu.....................................................................  5         1         c09
    ..............cgCuggcaguguggguuagcugguugu.....................................................................  25        1         c09
    ..............Aguuggcaguguggguuagcugguugu.....................................................................  6         1         c09
    ..............cgGuggcaguguggguuagcugguugu.....................................................................  3         1         c09
    ..............Gguuggcaguguggguuagcugguuguu....................................................................  1         1         c09
    ..............Auuggcaguguggguuagcugg..........................................................................  1         1         c09
    ..............gCuggcaguguggguuagcuggu.........................................................................  1         1         c09
    ..............Auuggcaguguggguuagcugguu.......................................................................  1         1         c09
    ..............Uuuggcaguguggguuagcugguu.......................................................................  3         1         c09
```

Mature Star

gaaaaugggguuagaccgcguuggcagugugguuagcuggguugguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....Cuuggcagugugguuagcuggguu.....	1	1	c09
.....gCuggcagugugguuagcuggguu.....	3	1	c09
.....guAggcagugugguuagcuggguug.....	1	1	c09
.....gAuggcagugugguuagcuggguug.....	2	1	c09
.....Auuggcagugugguuagcuggguugu.....	1	1	c09
.....Uuuggcagugugguuagcuggguugu.....	1	1	c09
.....Cuuggcagugugguuagcuggguugu.....	1	1	c09
.....gAuggcagugugguuagcuggguugu.....	3	1	c09
.....gCuggcagugugguuagcuggguugu.....	13	1	c09
.....guuggcagugugguuagcuggguugu.....	2	0	c09
.....gGuggcagugugguuagcuggguugu.....	6	1	c09
.....gGuggcagugugguuagcuggguuguu.....	1	1	c09
.....Guggcagugugguuagcu.....	2	1	c09
.....uuggcagugugguuagcu.....	1	0	c09
.....Cuggcagugugguuagcu.....	4	1	c09
.....uuggcagugugguuagcug.....	1	0	c09
.....uuggcagugugguuagcugg.....	2	0	c09
.....Cuggcagugugguuagcugg.....	1	1	c09
.....Cuggcagugugguuagcuggu.....	5	1	c09
.....uuggcagugugguuagcuggu.....	6	0	c09
.....uuggcagugugguuagcugguu.....	14	0	c09
.....Guggcagugugguuagcugguu.....	1	1	c09
.....Cuggcagugugguuagcugguu.....	39	1	c09
.....uuggcagugugguuagcugguug.....	5	0	c09
.....uuggcagugugguuagcugguuA.....	1	1	c09
.....Cuggcagugugguuagcugguug.....	9	1	c09
.....uuggcagugugguuagcugguugu.....	37	0	c09
.....Cuggcagugugguuagcugguugu.....	98	1	c09
.....Auggcagugugguuagcugguugu.....	6	1	c09
.....Guggcagugugguuagcugguugu.....	3	1	c09
.....Cuggcagugugguuagcugguuguu.....	3	1	c09
.....uuggcagugugguuagcugguuguu.....	12	0	c09
.....Guggcagugugguuagcugguuguu.....	1	1	c09
.....uuggcagugugguuagcugguuguA.....	3	1	c09
.....uuggcagugugguuagcugguuguG.....	1	1	c09
.....uuggcagugugguuagcugguuguuu.....	1	0	c09
.....uggcagugugguuagcGg.....	1	1	c09
.....uggcaAugugguuagcug.....	1	1	c09
.....uggcagugugguuagcuC.....	52	1	c09
.....uggAagugugguuagcug.....	2	1	c09
.....Gggcagugugguuagcug.....	131	1	c09
.....uggcagugugguuagUug.....	1	1	c09
.....uggcagugugguAagcug.....	1	1	c09
.....Cggcagugugguuagcug.....	2	1	c09
.....uggcagugugguuaCcug.....	2	1	c09
.....uggcagugugguuagcCg.....	2	1	c09
.....ugUcagugugguuagcug.....	1	1	c09
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.....uggcagugugguuagcuU.....	40	1	c09
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.....uggcagugCgguuagcug.....	1	1	c09
.....ugAcagugugguuagcug.....	1	1	c09
.....uggcaguguUguuagcug.....	1	1	c09
.....uggcagugugguuagcuA.....	20	1	c09
.....uggcaguUugguuagcug.....	1	1	c09
.....uUgcagugugguuagcug.....	3	1	c09
.....uggcaguCugguuagcug.....	1	1	c09
.....uggcGgugugguuagcug.....	1	1	c09
.....uggcagugugguuagAug.....	2	1	c09
.....uggUagugugguuagcug.....	1	1	c09
.....uggcagugugguuagcuAg.....	3	1	c09
.....ugCcagugugguuagcugg.....	1	1	c09
.....uggcaguguCguuagcugg.....	4	1	c09
.....uggcagugugguuCgcugg.....	1	1	c09
.....uggcagugugguuagUugg.....	3	1	c09
.....uggcagugugguAagcugg.....	2	1	c09
.....uggcaCugugguuagcugg.....	3	1	c09
.....uggcaguAugguuagcugg.....	2	1	c09
.....uggcagugugguuagcugC.....	4	1	c09

Mature Star

gaaaaugggguuagaccgcguuggcagugugguuagcuggguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....uggcUgugugguuagcugg.....	1	1	c09
.....uggcaguguggguuagcGgg.....	1	1	c09
.....uggcaguguggguuUgcugg.....	2	1	c09
.....uggcagCguggguuagcugg.....	2	1	c09
.....uggcaguguggguuagcugg.....	6784	0	c09
.....uggAaguguggguuagcugg.....	3	1	c09
.....uUgcaguguggguuagcugg.....	5	1	c09
.....uggcaguguAguuagcugg.....	1	1	c09
.....ugAcaguguggguuagcugg.....	1	1	c09
.....Gggcaguguggguuagcugg.....	474	1	c09
.....uggcaguguggAuagcugg.....	3	1	c09
.....uggcaguguggguuaAcugg.....	4	1	c09
.....uggcaguguggguuaCcugg.....	6	1	c09
.....ugUcaguguggguuagcugg.....	1	1	c09
.....uggGaguguggguuagcugg.....	2	1	c09
.....uggcagugugCuuagcugg.....	8	1	c09
.....uggcaguguggguuagcAgg.....	1	1	c09
.....uggcaguguggguuagcuCg.....	2	1	c09
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.....uggcagugugguCagcugg.....	5	1	c09
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.....uggcaguguggguuagAugg.....	6	1	c09
.....uggcaguCuggguuagcugg.....	4	1	c09
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.....uggcaguguggguuagcuUg.....	2	1	c09
.....uggcaguguggguuagcugA.....	16	1	c09
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.....uggcaguguAguuagcuggu.....	5	1	c09
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.....uggcaguguggguuagcuggA.....	43	1	c09
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.....uggcaguguggguuagcuCgu.....	2	1	c09
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.....uggcaguguGAuuagcuggu.....	3	1	c09
.....uUgcaguguggguuagcuggu.....	4	1	c09
.....Gggcaguguggguuagcuggu.....	936	1	c09
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.....uggcaguguggguuagAuggu.....	15	1	c09
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.....uggcagugGgguuagcuggu.....	3	1	c09
.....uggcaguguggguuagcAggu.....	2	1	c09
.....uggcaguguggGuagcuggu.....	7	1	c09
.....uggcaguguggguuagcuggC.....	32	1	c09
.....uggcaguguGCuuagcuggu.....	10	1	c09

Mature Star

gaaaaugggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....uggcaguguggAuagcuggu.....	7	1	c09
.....uggcagugAgguuagcuggu.....	7	1	c09
.....uggcaguguggguuagcuAgu.....	2	1	c09
.....uggcaCuguggguuagcuggu.....	4	1	c09
.....uggcagugCgguuagcuggu.....	4	1	c09
.....ugUcaguguggguuagcuggu.....	2	1	c09
.....uggcaguUuggguuagcuggu.....	3	1	c09
.....uggcagGguggguuagcuggu.....	2	1	c09
.....uggcaguguCguuagcuggu.....	7	1	c09
.....uAgcaguguggguuagcuggu.....	9	1	c09
.....ugAcaguguggguuagcuggu.....	6	1	c09
.....uggGaguguggguuagcuggu.....	4	1	c09
.....uggcagAguggguuagcuggu.....	3	1	c09
.....uggUaguguggguuagcuggu.....	14	1	c09
.....uggcaguguggguuagcugUu.....	19	1	c09
.....uggcaguguggguuagUuggu.....	4	1	c09
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.....uggcaguguggguCagcuggu.....	6	1	c09
.....uggcaguCuggguuagcuggu.....	17	1	c09
.....uggcaguguggguGagcuggu.....	1	1	c09
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.....uggcaguguggguuagcuUgu.....	9	1	c09
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.....uggcaguguggguAagcuggu.....	2	1	c09
.....uggcagugugUuuagcuggguu.....	8	1	c09
.....uggcaAuguggguuagcuggguu.....	7	1	c09
.....uggcaguguggGuagcuggguu.....	20	1	c09
.....uggcagCguggguuagcuggguu.....	14	1	c09
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.....uggcaguguggguuaCcuggguu.....	66	1	c09
.....uggcaguguggguuaUcuggguu.....	37	1	c09
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.....uggcaguguggguuCgcuggguu.....	5	1	c09
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.....uggcaguguggguuagcugUuu.....	25	1	c09
.....uggcaguguUguuagcuggguu.....	15	1	c09
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.....uggcaguguggCuagcuggguu.....	13	1	c09
.....uggcaguCuggguuagcuggguu.....	56	1	c09
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.....uggcCguguggguuagcuggguu.....	3	1	c09
.....uggcaguguggguuUgcuggguu.....	14	1	c09
.....uggAaguguggguuagcuggguu.....	37	1	c09
.....uggcaguguCguuagcuggguu.....	28	1	c09
.....uggcaguguggguuagcuAguu.....	12	1	c09
.....uggcaguguggguuagcuggguu.....	56655	0	c09
.....Gggcaguguggguuagcuggguu.....	4076	1	c09
.....uggcagGguggguuagcuggguu.....	12	1	c09
.....uggcaguguggguuaAcuggguu.....	3	1	c09
.....uggcaguguggguuagcuggAu.....	33	1	c09
.....uggUaguguggguuagcuggguu.....	48	1	c09
.....uggcagugugCuuagcuggguu.....	37	1	c09
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.....uggcagAguggguuagcuggguu.....	16	1	c09
.....uggcaguguggguuagcCgguu.....	15	1	c09
.....uggcagugugAuuagcuggguu.....	7	1	c09
.....uggcaguguggguuagcugCuu.....	61	1	c09
.....uggcagugAgguuagcuggguu.....	20	1	c09
.....uggcagugCgguuagcuggguu.....	12	1	c09
.....uggcagugGguuagcuggguu.....	16	1	c09
.....ugCcaguguggguuagcuggguu.....	24	1	c09
.....uggcaguguggguuagcuggguG.....	57	1	c09

Mature Star

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.....uggcagugugguAagcuggguu.....	16	1	c09
.....uggcaguguggguuagcuggguA.....	107	1	c09
.....uggcaguguggguGagcuggguu.....	11	1	c09
.....uggcaguguggAuagcuggguu.....	26	1	c09
.....uggcaguAuggguuagcuggguu.....	14	1	c09
.....uggcUguguggguuagcuggguu.....	4	1	c09
.....ugUcaguguggguuagcuggguu.....	8	1	c09
.....uggGaguguggguuagcuggguu.....	11	1	c09
.....uggcaguguggguuagcugAuu.....	18	1	c09
.....Cggcaguguggguuagcuggguu.....	57	1	c09
.....uggcaguguggguuagAuggguu.....	60	1	c09
.....uggcaguguggguuGgcuggguu.....	9	1	c09
.....uggcaguguggguuagcuggGu.....	15	1	c09
.....uggcGguguggguuagcuggguu.....	19	1	c09
.....uggcaguguggguuagcGgguu.....	7	1	c09
.....uCgcaguguggguuagcuggguu.....	24	1	c09
.....uggcaguguAguuagcuggguu.....	19	1	c09
.....uggcaguguggguuagcuCguu.....	40	1	c09
.....uggcaguguggguuagUuggguu.....	26	1	c09
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.....uCgcaguguggguuagcuggguug.....	6	1	c09
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.....Cggcaguguggguuagcuggguug.....	12	1	c09
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.....uggcaguguggguuagcuggguuC.....	186	1	c09
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.....uggcaUuguggguuagcuggguug.....	4	1	c09
.....Gggcaguguggguuagcuggguug.....	1095	1	c09
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.....uggcaCuguggguuagcuggguug.....	9	1	c09
.....uggcaguguggguuagUuggguug.....	6	1	c09
.....uggGaguguggguuagcuggguug.....	4	1	c09
.....uggcaguAuggguuagcuggguug.....	7	1	c09
.....uggcaguguguUuuagcuggguug.....	1	1	c09
.....Aggcaguguggguuagcuggguug.....	50	1	c09
.....uggcaguguggguuagcugAuug.....	5	1	c09

Mature Star

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.....uggcagugugCuuagcuggguug.....	15	1	c09
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.....uggUaguguggguuagcuggguug.....	14	1	c09
.....uggcaguguggguuaAcuggguug.....	5	1	c09
.....uggcGguguggguuagcuggguug.....	2	1	c09
.....uggcaguguggguuaCcuggguug.....	10	1	c09
.....uggcaguguggguuagcugguGg.....	6	1	c09
.....uggAaguguggguuagcuggguug.....	10	1	c09
.....uggcaguguggguuagcAgguugu.....	45	1	c09
.....uggcaguCuggguuagcuggguugu.....	193	1	c09
.....uggcaguguggguuaUcuggguugu.....	87	1	c09
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.....uggcaguguggguuagUuggguugu.....	102	1	c09
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.....uCgcaguguggguuagcuggguugu.....	99	1	c09
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Mature Star

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.....uggcaguguggguuagcuggGugu.....	27	1	c09
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.....uggcaguguggguuagcuggguuguC.....	479	1	c09
.....uggcaguguggguuagcuggguuAu.....	4	1	c09
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.....uggcaguguggguGagcugguuguu.....	1	1	c09
.....uggcaguguggguuagcuggguuguG.....	477	1	c09
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Mature Star

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.....uggcagugugguuagcugguuguuu.....	296	0	c09
.....uggcagugugguuagcugguuguAu.....	70	1	c09
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Mature Star

gaaaauggguuagaccgcguuggcagugugguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

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.....ggcagugugguuagcugguCgu.....	1	1	c09
.....ggcagugugguuagcugguuUu.....	1	1	c09
.....ggcagugugguuagcugguugu.....	80	0	c09
.....Cgcagugugguuagcugguuguu.....	1	1	c09
.....ggcagugugguuagcugguuAuu.....	1	1	c09
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.....ggcaguguggCuagcugguuguu.....	1	1	c09
.....Ugcagugugguuagcugguuguu.....	2	1	c09
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.....gcagugugguuagcugguuguuC.....	2	1	c09
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Mature Star

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Mature Star

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.....aguguggguuagcugguuguuuU.....	1	1	c09
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Mature Star

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Mature Star

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...................uggcaguguggguuagAugg.........................................................................  2     1     c16
...................uggcaguguggguGagcuggu........................................................................  1     1     c16
...................ugUcaguguggguuagcuggu........................................................................  1     1     c16
...................uggcaguugAuuagcuggu..........................................................................  1     1     c16
```

Mature Star

gaaaauggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....ugCcaguguggguuagcuggu.....	2	1	c16
.....Aggcaguguggguuagcuggu.....	2	1	c16
.....uggcaguguggguuagcuCgu.....	1	1	c16
.....uUgcaguguggguuagcuggu.....	1	1	c16
.....uggcaguguAguuagcuggu.....	1	1	c16
.....uggcaguguggguuagcuggu.....	1324	0	c16
.....uggcaguguggguAagcuggu.....	1	1	c16
.....uggcagAguggguuagcuggu.....	2	1	c16
.....uggcaguguCguuagcuggu.....	2	1	c16
.....Cggcaguguggguuagcuggu.....	1	1	c16
.....Gggcaguguggguuagcuggu.....	140	1	c16
.....uggcaguCuggguuagcuggu.....	3	1	c16
.....uggAaguguggguuagcuggu.....	2	1	c16
.....uggcaUuguggguuagcuggu.....	1	1	c16
.....uggcaCuguggguuagcuggu.....	2	1	c16
.....uggcaguguggguuaCcuggu.....	3	1	c16
.....uCgcaguguggguuagcuggu.....	2	1	c16
.....uggUaguguggguuagcuggu.....	1	1	c16
.....uggcaguguggguuagUuggu.....	1	1	c16
.....uggcaguguggguuaUcuggu.....	1	1	c16
.....uggcaguguggguuagcuggC.....	2	1	c16
.....uggcaguguggguuagAuggu.....	2	1	c16
.....uggcaguguggguuagcuggA.....	3	1	c16
.....uggcaguguggCuagcuggu.....	1	1	c16
.....uggcaguguggguuagcugUu.....	2	1	c16
.....uggcagGguggguuagcuggu.....	1	1	c16
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.....uggcaCuguggguuagcuggguu.....	5	1	c16
.....uggcCguguggguuagcuggguu.....	1	1	c16
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.....uggcaguguggguuagcugguA.....	13	1	c16
.....uggcGguguggguuagcuggguu.....	5	1	c16
.....uggcagugugCuuagcuggguu.....	7	1	c16
.....uggcaguguggguuagcuggguu.....	8614	0	c16
.....uggUaguguggguuagcuggguu.....	8	1	c16
.....uUgcaguguggguuagcuggguu.....	4	1	c16
.....uggcaguUuggguuagcuggguu.....	5	1	c16
.....uggcaguAuggguuagcuggguu.....	1	1	c16
.....uggcaguguCguuagcuggguu.....	3	1	c16
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.....uggcaguguggguuagcGgguu.....	2	1	c16
.....ugUcaguguggguuagcuggguu.....	5	1	c16
.....Cggcaguguggguuagcuggguu.....	14	1	c16
.....uAgcaguguggguuagcuggguu.....	3	1	c16
.....uggcaguguggguuagcAgguu.....	2	1	c16
.....uggcaguguggguuGgcuggguu.....	2	1	c16
.....Gggcaguguggguuagcuggguu.....	833	1	c16
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.....uggcaguguggguAagcuggguu.....	4	1	c16
.....uggcaguguggguuagcuggguG.....	4	1	c16
.....uggcaguguggguuaCcuggguu.....	9	1	c16
.....uggAaguguggguuagcuggguu.....	2	1	c16
.....ugAcaguguggguuagcuggguu.....	1	1	c16
.....uggcaguguggGuagcuggguu.....	5	1	c16
.....uggcaguguggguuagGuggguu.....	2	1	c16
.....uggcaguguggguuagcuggguC.....	4	1	c16
.....uggGaguguggguuagcuggguu.....	2	1	c16
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.....uggcaguguAguuagcuggguu.....	2	1	c16
.....uggcaguguggguuCgcuggguu.....	1	1	c16
.....uggcaguguggguuagcuggAu.....	6	1	c16
.....ugCcaguguggguuagcuggguu.....	8	1	c16
.....uggcaguguggguuagcuUguu.....	3	1	c16
.....uggcagugAgguuagcuggguu.....	7	1	c16
.....uggcaUuguggguuagcuggguu.....	3	1	c16

Mature Star

gaaaaugggguuagaccgcguuggcagugugguuagcuggguugguuauauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....uggcagugugguuagUugguu.....	5	1	c16
.....uCgcagugugguuagcugguu.....	5	1	c16
.....uggcagugugguuUgcugguu.....	1	1	c16
.....uggcagugugguuaUcugguu.....	13	1	c16
.....uggcaguCugguuagcugguu.....	20	1	c16
.....uggcagugugguuagcugUuu.....	6	1	c16
.....uggcagAgugguuagcugguu.....	5	1	c16
.....Aggcagugugguuagcugguu.....	12	1	c16
.....uggcagugugguuagcuggGu.....	3	1	c16
.....uggcagugugguuagcCgguu.....	2	1	c16
.....uggcagugugguuagcugCuu.....	7	1	c16
.....uggcagugugguGagcugguu.....	1	1	c16
.....uggcagugugguuagAugguu.....	9	1	c16
.....uggcaguguggCuagcugguu.....	1	1	c16
.....uggcagugugguuagcugAuu.....	1	1	c16
.....uggcagugugguuagcuCguu.....	12	1	c16
.....uggUagugugguuagcugguug.....	2	1	c16
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.....uggcagugugguuagcugCuug.....	5	1	c16
.....uggcagugugCuuagcugguug.....	2	1	c16
.....uggcagugugguuagcugguug.....	1334	0	c16
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.....uggcaguguCguuagcugguug.....	2	1	c16
.....uggcaguguAguuagcugguug.....	1	1	c16
.....uggcagGugguuagcugguug.....	1	1	c16
.....ugAcagugugguuagcugguug.....	1	1	c16
.....uggcagugugguuagcugguGg.....	1	1	c16
.....uggcagugugguuagcugguuA.....	38	1	c16
.....uggcagugugguuagcugguuU.....	1190	1	c16
.....Aggcagugugguuagcugguug.....	1	1	c16
.....uggcagugugguuagcuggGug.....	1	1	c16
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.....uggcagugugguuagcuggguC.....	17	1	c16
.....ugUcagugugguuagcugguug.....	2	1	c16
.....uggcagugugguuagcuggAug.....	2	1	c16
.....uggcaguCugguuagcugguug.....	3	1	c16
.....uggcagugugguuagcugUuug.....	1	1	c16
.....Cggcagugugguuagcuggguug.....	17	1	c16
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.....uggcagugugguuaCcuggguug.....	7	1	c16
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.....uggcagugugguuagcugCuugu.....	18	1	c16
.....uggcagugugguuUgcuggguug.....	1	1	c16
.....uggcagugugguuagcugUuugu.....	7	1	c16
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.....uggcagugugguuagGugguugu.....	2	1	c16
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.....uCgcagugugguuagcuggguugu.....	11	1	c16
.....uggcagugugguuaUcuggguugu.....	13	1	c16
.....uAgcagugugguuagcuggguugu.....	5	1	c16
.....uggcaAugugguuagcuggguugu.....	2	1	c16

Mature Star

gaaaaugggguuagaccgcguuggcaguguggguuagcuggguugguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....uggcaguguggguuagcuggguuUu.....	188	1	c16
.....uggcaguguggAuagcuggguugu.....	2	1	c16
.....uggcaguguggguuagcCgguugu.....	4	1	c16
.....uggcaguguUguuagcuggguugu.....	2	1	c16
.....uggcaguguCguuagcuggguugu.....	14	1	c16
.....uggcaguguggguuagcuggguugu.....	12947	0	c16
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.....uggcaguguggguuagcAgguugu.....	4	1	c16
.....uggcaguguggguuagcuggguuAu.....	3	1	c16
.....uggcaguguAguuagcuggguugu.....	3	1	c16
.....uggcaguguggCuagcuggguugu.....	7	1	c16
.....uggcaguguggguCgcuggguugu.....	1	1	c16
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.....uggcaguguggguuagcuggguugA.....	3	1	c16
.....uggAaguguggguuagcuggguugu.....	7	1	c16
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.....uggcaCuguggguuagcuggguugu.....	12	1	c16
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.....Gggcaguguggguuagcuggguugu.....	1346	1	c16
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.....uggcaguguggguuagcuggguuCu.....	25	1	c16
.....uggcaguguggguCagcuggguugu.....	5	1	c16
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.....uggcaguguggguuagcuggguCgu.....	2	1	c16
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.....uggUaguguggguuagcuggguuguu.....	2	1	c16
.....uggcaguguggguuagcuggguAguu.....	1	1	c16
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.....uggcaguguCguuagcuggguuguu.....	1	1	c16
.....uggcaguguggguuagAuggguuguu.....	2	1	c16
.....uggcaguguggguuagcuggguuguC.....	12	1	c16
.....uggcaguguggguuagcugUuuguu.....	1	1	c16
.....uggcaguguggguuagcuggguCuu.....	1	1	c16
.....uggcaCuguggguuagcuggguuguu.....	1	1	c16
.....uggcUguguggguuagcuggguuguu.....	1	1	c16
.....Aggcaguguggguuagcuggguuguu.....	2	1	c16
.....uggcaguguggguuagcuggguuguu.....	685	0	c16
.....uggcaguguggguuagcuggguuguG.....	17	1	c16
.....Gggcaguguggguuagcuggguuguu.....	69	1	c16
.....uggcaguguggguuagcuggguuUuu.....	29	1	c16
.....uggcaguguggguuagcuUguuguu.....	1	1	c16
.....uggcaguguggguuagcuggguuguuu.....	99	0	c16

Mature Star

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.....uggcagugugguuagcuggguuguC.....	5	1	c16
.....uggcaguguCguuagcuggguuguuu.....	1	1	c16
.....uAgcagugugguuagcuggguuguuu.....	1	1	c16
.....uUgcagugugguuagcuggguuguuu.....	1	1	c16
.....Gggcagugugguuagcuggguuguuu.....	12	1	c16
.....uggcagugugguuagcugguuguCu.....	3	1	c16
.....ugCcagugugguuagcuggguuguuu.....	1	1	c16
.....uggcagugugguuagcugguuguGu.....	1	1	c16
.....uggcagugugguuaCcuggguuguuu.....	1	1	c16
.....uggcagugugguuagcugguuguuA.....	7	1	c16
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.....uggcagugugguuagcuggguuguuG.....	2	1	c16
.....uggcagugugguuagcuggguuguAu.....	13	1	c16
.....uggcagugugguuagcuggguuguGa.....	1	1	c16
.....uggcagugugguuagcuggguuguuAa.....	1	1	c16
.....uggcagugugguuagcuggguuguuU.....	31	1	c16
.....uggcagugugguuagcuggguuguuua.....	4	0	c16
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.....uggcagugugguuagcuggguuguuUu.....	11	1	c16
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.....Ucagugugguuagcuggguuguuu.....	2	1	c16
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.....gcagugugguuagcuggguAguuu.....	1	1	c16
.....gcagugugCuuagcuggguuguuu.....	1	1	c16
.....gcagugugguuagcuggguuguuu.....	54	0	c16
.....gcagugugguuagcuggguuguuC.....	1	1	c16
.....gcagugugguuagcuUguuguuu.....	1	1	c16
.....gcagugugguuagcGgguuguuu.....	1	1	c16
.....gcagugugguuagcuggguuguuuU.....	13	1	c16
.....gcagugugguuagcuggguuguuuC.....	1	1	c16
.....gcagugugguuagcuggguuguuAa.....	2	1	c16
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.....caguguggguuagcuggCug.....	1	1	c16
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.....caCuguggguuagcugguugu.....	1	1	c16
.....caUuguggguuagcugguugu.....	1	1	c16
.....caguguggguuagcugguugu.....	25	0	c16
.....caguguggguuagcuggguuguu.....	1	0	c16
.....aguguggguuagcuggguug.....	6	0	c16
.....aguUuggguuagcugguugu.....	1	1	c16
.....aguguggguuagcugguugu.....	25	0	c16
.....aguguggguuagcuggguuUu.....	1	1	c16

Mature Star

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.....Cgugugguuagcugguugu.....  1  1  c16
.....agugugguuagcugguuguu.....  9  0  c16
.....agugugguuagcugguuguuuau.....  1  0  c16
.....gugugguuagcugguuUu.....  2  1  c16
.....gugugguuagcugguugu.....  16  0  c16
.....gugugguuagcugguuguu.....  1  0  c16
.....ugugguuagcugguuguu.....  1  0  c16
.....gugguuagcugguugAuu.....  1  1  c16
.....gugguuagcugguuguuu.....  2  0  c16
.....uuauuauaugacaacagUcacuaacgacacugcuucu.....  1  1  c16
.....acaacagccacuaacgacacugcuucu.....  1  0  c16
.....acagccacuaacgacacugcuu.....  1  0  c16
.....cagccacuaacgacacugc.....  13  0  c16
.....cagccacuaacgacacugcu.....  7  0  c16
.....cagccacuaacgacacugcuu.....  64  0  c16
.....cagccacuaacgacCcugcuu.....  1  1  c16
.....cagcUacuaacgacacugcuu.....  2  1  c16
.....cagccCcuaacgacacugcuu.....  1  1  c16
.....cagccacuaacgacacugcuuc.....  184  0  c16
.....cagcAacuaacgacacugcuuc.....  1  1  c16
.....cagccacuaacgacacugcuuU.....  21  1  c16
.....cagccacuaacgacacugAuuc.....  1  1  c16
.....caUccacuaacgacacugcuuc.....  1  1  c16
.....cagccacuaacgacCcugcuuc.....  1  1  c16
.....cagccacuaacgCcacugcuuc.....  3  1  c16
.....cCgccacuaacgacacugcuuc.....  1  1  c16
.....Uagccacuaacgacacugcuuc.....  1  1  c16
.....cagccacuaacgacUcugcuuc.....  1  1  c16
.....cagAcacuaacgacacugcuuc.....  1  1  c16
.....cagccacuaCcgacacugcuucu.....  1  1  c16
.....cagccacuaacgacacugcuucA.....  2  1  c16
.....cagccacuaacgacacugcuucC.....  4  1  c16
.....cagccacuaacgCcacugcuucu.....  2  1  c16
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.....cagccacuaacgacacugcuucuC.....  2  1  c16
.....agccacuaacgacacugU.....  1  1  c16
.....Cgccacuaacgacacugc.....  4  1  c16
.....agccacuaacgacacugc.....  9  0  c16
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.....Cgccacuaacgacacugcuuc.....  8  1  c16
.....Ggccacuaacgacacugcuuc.....  1  1  c16
.....aCccacuaacgacacugcuucu.....  3  1  c16
.....agccacuaacgacaUugcuucu.....  1  1  c16
.....Ugccacuaacgacacugcuucu.....  1  1  c16
.....agccacuaacgacacugcuGcu.....  1  1  c16
.....agccacuaacgacacugcuucu.....  570  0  c16
.....agccacuaacgacCcugcuucu.....  2  1  c16
.....agUcacuaacgacacugcuucu.....  1  1  c16
.....agccacuaacgacacugGuucu.....  1  1  c16
.....agccacuaCcgacacugcuucu.....  2  1  c16
.....agAcacuaacgacacugcuucu.....  1  1  c16
.....agccacuaacgacacugAuucu.....  2  1  c16
.....agccacuaacUacacugcuucu.....  1  1  c16
.....agccacuaacgacacugcuuGu.....  1  1  c16
.....Cgccacuaacgacacugcuucu.....  217  1  c16
.....agccacuaacgacacugcuucC.....  1  1  c16
.....Ggccacuaacgacacugcuucu.....  1  1  c16
.....agccaAuaacgacacugcuucu.....  1  1  c16
.....agccacuaacgacaGugcuucu.....  1  1  c16
.....agccacuaacgaAacugcuucu.....  1  1  c16
.....agccacuaacgCcacugcuucu.....  2  1  c16
.....agccacuaaAgacacugcuucu.....  1  1  c16
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Mature Star

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gaaaauggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag
                                                          agccaAuaacgacacugcuucug                                1          1          c16
                                                          agccacuaacgacacugcuucuA                                1          1          c16
                                                          agccacuaacgacacugcuucug                                1          0          c16
                                                          agccacuaacgacacugcuucuU                                3          1          c16
                                                          agccacuaacgacacugcuucuC                                1          1          c16
                                                          Cgccacuaacgacacugcuucugcg                              1          1          c16
                                                          gccacuaacgacacugcuu                                    1          0          c16
                                                          gccacuaacgacacugcuuc                                   2          0          c16
                                                          gccacuaacgacacugcuucu                                  4          0          c16
                                                          ccacuaacgacacugcuucu                                   1          0          c16
                                                          acuaacgacacugcuucu                                     1          0          c16

              gcUuuggcaguguggguuagcuggu                                                                          1          1          c04
            cgCuggcaguguggguuagcuggguug                                                                          1          1          c04
            cUuuggcaguguggguuagcuggguugu                                                                         1          1          c04
          Cuggcaguguggguuagcu                                                                                    1          1          c04
          Cuggcaguguggguuagcuggguu                                                                               2          1          c04
          Auggcaguguggguuagcuggguugu                                                                             1          1          c04
          uuggcaguguggguuagcuggguguuuU                                                                           1          1          c04
          Gggcaguguggguuagcug                                                                                    1          1          c04
          uggcaguguggguuagcug                                                                                   14          0          c04
          uggcaguguggguuagcuU                                                                                    1          1          c04
          Gggcaguguggguuagcugg                                                                                   5          1          c04
          uggcaguguggguuagcugg                                                                                  98          0          c04
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          uggcaguguggguuagcugA                                                                                   1          1          c04
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          ugUcaguguggguuagcuggu                                                                                  1          1          c04
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          Gggcaguuggguuagcuggu                                                                                   6          1          c04
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          uggcaguuggguAagcugguu                                                                                  1          1          c04
          Gggcaguuggguuagcugguu                                                                                 49          1          c04
          uggcaguuggguuagcugCuu                                                                                  1          1          c04
          uggcaguuggguuagcugguA                                                                                 13          1          c04
          uggcaguuggguuagcuggGu                                                                                  1          1          c04
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          uggcaguuggCuagcugguu                                                                                   1          1          c04
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          uggcaguguUguuagcugguu                                                                                  1          1          c04
          uggcaguCuggguuagcugguu                                                                                 1          1          c04
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          uggcaguuCguuagcugguu                                                                                   1          1          c04
          Aggcaguuggguuagcuggguug                                                                                1          1          c04
          uggcaguuggguuagcuggguug                                                                              196          0          c04
          uggcaguuggguuagcugguuA                                                                                24          1          c04
          uggcagCguggguuagcuggguug                                                                               1          1          c04
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          uggUaguuggguuagcuggguug                                                                                2          1          c04
          uggcaguuggguuagcugguuU                                                                                82          1          c04
          uUgcaguuggguuagcuggguug                                                                                1          1          c04
          Gggcaguuggguuagcuggguug                                                                               14          1          c04
          uggcaguuggguuagcugguuC                                                                                 1          1          c04
          ugUcaguuggguuagcuggguug                                                                                1          1          c04
          uggcaguuggguuaUcuggguug                                                                                1          1          c04
```

Mature Star

gaaaaugggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....uggcaUuguggguuagcuggguug.....	1	1	c04
.....uggcaguguggguuagcugAuugu.....	1	1	c04
.....uggcaguUuggguuagcuggguugu.....	2	1	c04
.....uCgcaguguggguuagcuggguugu.....	2	1	c04
.....uAgcaguguggguuagcuggguugu.....	1	1	c04
.....uggcaguguggguuagcuggguuCu.....	1	1	c04
.....uggcaguguggguuagcuggguuAu.....	1	1	c04
.....uggcaguguggguuaCcuggguugu.....	2	1	c04
.....uggcaguguggguuUgcuggguugu.....	1	1	c04
.....uggcaguguCguuagcuggguugu.....	1	1	c04
.....Aggcaguguggguuagcuggguugu.....	3	1	c04
.....uggcagugugCuuagcuggguugu.....	2	1	c04
.....uggcagAguggguuagcuggguugu.....	1	1	c04
.....uggcaguguggguuagcuggguugC.....	3	1	c04
.....uggcaguguggCuagcuggguugu.....	1	1	c04
.....uggcaguguggGuagcuggguugu.....	1	1	c04
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.....uggcaguguggguuagcuggAugu.....	3	1	c04
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.....Gggcaguguggguuagcuggguugu.....	114	1	c04
.....uggcagugugAuuagcuggguugu.....	1	1	c04
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.....Gggcaguguggguuagcuggguuguu.....	5	1	c04
.....uggcaguguggguuagcuAguuguu.....	2	1	c04
.....uggcaguguggguuagcuggguuguA.....	172	1	c04
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.....Ugcaguguggguuagcuggguugu.....	1	1	c04
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.....gcaguguggguuagcuggguu.....	2	0	c04

Mature Star

gaaaaugggguuagaccgcguuggcagugugguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

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.....gcagugugguuagcugCuuguu.....	1	1	c04
.....gcagugugguuagcugguuguu.....	16	0	c04
.....gcagugugguuagcugguuguuu.....	2	0	c04
.....gcagugugguuagcugguuguuA.....	7	1	c04
.....gcagugugguuagcugguuguuAa.....	2	1	c04
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.....cagugugguuagcugguuguA.....	1	1	c04
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.....agAgugguuagcugguugu.....	1	1	c04
.....gugugguuagcugguugu.....	4	0	c04
.....gugugguuagcugguuguA.....	1	1	c04
.....gugugguuagcugguuguuuU.....	1	1	c04
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.....cagccacuaacgacacugcuu.....	3	0	c04
.....cagccacuaacgacacugcuuU.....	2	1	c04
.....cagccacuaacgacacugcuuc.....	12	0	c04
.....cagccacuaacUacacugcuuc.....	1	1	c04
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.....agccacuaacgacacugcu.....	2	0	c04
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.....Cuggcagugugguuagcuggu.....	1	1	c15
.....uggcagugugguuagcug.....	1	0	c15
.....uggcagugugguuagcugg.....	145	0	c15
.....uggcagugugguuagUugg.....	1	1	c15
.....uggcagugugguuagcugA.....	2	1	c15
.....uggcagugugguuagcugU.....	1	1	c15
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.....uggcagugugguuagcugguu.....	245	0	c15
.....uggcagugugguuagcugAuu.....	3	1	c15
.....uggcagCgugguuagcugguu.....	1	1	c15
.....ugAcagugugguuagcugguu.....	1	1	c15
.....uggcagugugguuagcuggAu.....	1	1	c15
.....uggAaguguggguuagcugguug.....	1	1	c15
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.....uggcagugugguuagcCgguugu.....	3	1	c15
.....uggcagugugguuagcuggAugu.....	1	1	c15
.....uggcagugugguuagcugguuAu.....	2	1	c15
.....uggcagugGgguuagcugguugu.....	2	1	c15
.....uggcagugugguuagUugguugu.....	1	1	c15

Mature Star

gaaaaugggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

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.....uggcaguguggguuagcuUguugu.....	1	1	c15
.....uggcaguguggguuagcuggCugu.....	3	1	c15
.....Gggcaguguggguuagcugguugu.....	1	1	c15
.....uUgcaguguggguuagcugguugu.....	1	1	c15
.....uggcaguguggAuagcugguugu.....	1	1	c15
.....uggcagugCgguuagcugguugu.....	1	1	c15
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.....uggcaguguggguuagcugAuugu.....	1	1	c15
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.....gcaguguggguuagcugguuguuC.....	1	1	c15
.....gugugguuagcugguugA.....	1	1	c15
.....cagccacuaacgacacugcuu.....	3	0	c15
.....cagccacuaacgacaGugcuuc.....	1	1	c15
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.....cagccacuaacgacacugcuuc.....	45	0	c15
.....cagccacuaacgacacugcuucA.....	1	1	c15
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.....agccacuaacgacacugcuuc.....	33	0	c15
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.....Ggccacuaacgacacugcuucu.....	1	1	c15
.....agccacuaacgacacugcuucA.....	12	1	c15
.....agccacuaacgacacugcuucG.....	1	1	c15
.....agccacuaaAgacacugcuucu.....	1	1	c15
.....agccacuaacgacacugcuGcu.....	1	1	c15
.....agccacuaacgacacugcuucu.....	467	0	c15
.....agccacuaacgacacugcuuUu.....	1	1	c15

Mature Star

gaaaaugggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

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.....agccacuaacgacacugcuucuU.....	5	1	c15
.....agccacuaacgacacugcuucuA.....	1	1	c15
.....agccacuaacgacacugcuucugU.....	1	1	c15
.....gccacuaacgacacugcuuc.....	1	0	c15
.....gccacuaacgacacugcuucu.....	4	0	c15
.....cacuaacgacacugcuucu.....	2	0	c15
.....gcUuuggcaguguggguuagcugg.....	1	1	c02
.....gcUuuggcaguguggguuagcugguu.....	1	1	c02
.....gcUuuggcaguguggguuagcugguugu.....	1	1	c02
.....gcgCuggcaguguggguuagcugguugu.....	1	1	c02
.....gGguuggcaguguggguuagcugguugu.....	1	1	c02
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.....cCuuggcaguguggguuagcugguugu.....	1	1	c02
.....cgCuggcaguguggguuagcugguugu.....	1	1	c02
.....cUuuggcaguguggguuagcugguugu.....	1	1	c02
.....gCuggcaguguggguuagcuggguug.....	1	1	c02
.....gGuggcaguguggguuagcugguugu.....	3	1	c02
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.....uuggcaguguggguuagcuggu.....	4	0	c02
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.....Guggcaguguggguuagcuggguu.....	1	1	c02
.....Guggcaguguggguuagcuggguug.....	4	1	c02
.....uuggcaguguggguuagcuggguug.....	4	0	c02
.....Cuggcaguguggguuagcuggguug.....	3	1	c02
.....uuggcaguguggguuagcugguuU.....	2	1	c02
.....Guggcaguguggguuagcugguugu.....	4	1	c02
.....uuggcagugugCuuagcugguugu.....	1	1	c02
.....uuggcaguguggguuagcugguugG.....	1	1	c02
.....Auggcaguguggguuagcugguugu.....	7	1	c02
.....Cuggcaguguggguuagcugguugu.....	11	1	c02
.....uuggcaguguggguuagcugguugu.....	35	0	c02
.....uuggcaUuguggguuagcugguugu.....	1	1	c02
.....Guggcaguguggguuagcuggguguu.....	1	1	c02
.....uuggcaguguggguuagcuggguguu.....	11	0	c02
.....uuggcaguguggguuagcuggguguuu.....	1	0	c02
.....uggUaguguggguuagcug.....	1	1	c02
.....uggcaguguAguuagcug.....	1	1	c02
.....uggcaguguCguuagcug.....	1	1	c02
.....uggcaguguggguuagcuC.....	5	1	c02
.....uggcaguguggguuagcug.....	376	0	c02
.....uggcaguguUuuagcug.....	1	1	c02
.....uggcaCuguggguuagcug.....	6	1	c02
.....ugUcaguguggguuagcug.....	1	1	c02
.....uggcaguguggguuGgcug.....	1	1	c02
.....uggcaguguggguuaUcug.....	1	1	c02
.....uUgcaguguggguuagcug.....	1	1	c02
.....Cggcaguguggguuagcug.....	1	1	c02
.....Gggcaguguggguuagcug.....	30	1	c02
.....uggcaguguggguuCgcug.....	1	1	c02
.....uggcaguguggguuaUcugg.....	5	1	c02
.....uggcaguguguAuuagcugg.....	2	1	c02
.....uggcaguguggguuagcAgg.....	1	1	c02
.....uggcaAuguggguuagcugg.....	2	1	c02
.....uggcaCuguggguuagcugg.....	4	1	c02
.....uggcaguguggguuagcugg.....	4803	0	c02
.....uggcaguguggguuagcugU.....	3	1	c02
.....uggcaguAuggguuagcugg.....	2	1	c02
.....uggcaguguggguuagcCgg.....	3	1	c02
.....Cggcaguguggguuagcugg.....	3	1	c02
.....uggcagAguggguuagcugg.....	3	1	c02
.....uggcaUuguggguuagcugg.....	1	1	c02
.....ugUcaguguggguuagcugg.....	1	1	c02
.....uggGaguguggguuagcugg.....	2	1	c02
.....Gggcaguguggguuagcugg.....	457	1	c02
.....uggcagugAgguuagcugg.....	1	1	c02

Mature Star

gaaaaugggguuagaccgcguuggcaguguggguuagcuggguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

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.....uggcaguguggguuagcugA.....	1	1	c02
.....uggcaguguAguuagcugg.....	1	1	c02
.....uggcaguguggguuagUugg.....	2	1	c02
.....uggcaguCuggguuagcugg.....	6	1	c02
.....uggUaguguggguuagcugg.....	3	1	c02
.....uggAaguguggguuagcugg.....	1	1	c02
.....uggcaguguUuuagcugg.....	2	1	c02
.....uggcaguguCuuagcugg.....	3	1	c02
.....Aggcaguguggguuagcugg.....	11	1	c02
.....uggcagugCgguuagcugg.....	2	1	c02
.....uAgcaguguggguuagcugg.....	1	1	c02
.....uggcaguguggGuagcugg.....	1	1	c02
.....uggcaguguggguuagcugC.....	3	1	c02
.....uggcaguguggguuaCcugg.....	2	1	c02
.....uggcagugugguCagcugg.....	2	1	c02
.....uggcUguguggguuagcugg.....	1	1	c02
.....uggcaguguUguuagcugg.....	3	1	c02
.....uggcaguguggAuagcugg.....	5	1	c02
.....uggcaguguCguuagcugg.....	5	1	c02
.....uggcaguguggCuagcugg.....	2	1	c02
.....uggcaguguggguGgcugg.....	1	1	c02
.....uggcaguguggguuagAugg.....	7	1	c02
.....uggcGguguggguuagcugg.....	2	1	c02
.....uggcaguguggguuagcuCg.....	2	1	c02
.....uggcaguguggguuagcuAg.....	1	1	c02
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.....uggcaguguggguuagcuggC.....	3	1	c02
.....uggcagugugAuuagcuggu.....	1	1	c02
.....Aggcaguguggguuagcuggu.....	7	1	c02
.....uggcaguguggAuagcuggu.....	1	1	c02
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.....uggcagugGguuagcuggu.....	3	1	c02
.....uggcaguguggguuagGuggu.....	2	1	c02
.....uggcaguguggguuagcuCgu.....	2	1	c02
.....uggcGguguggguuagcuggu.....	2	1	c02
.....uggcaguAuggguuagcuggu.....	1	1	c02
.....uggcaguguggguuagcuggA.....	25	1	c02
.....uUgcaguguggguuagcuggu.....	1	1	c02
.....uggcaguCuggguuagcuggu.....	6	1	c02
.....uggcaguguggguuagcugUu.....	10	1	c02
.....uggcaguguggguuaCcuggu.....	4	1	c02
.....uggcaguguggguuagcugAu.....	1	1	c02
.....uggcaguguggguuagcuggu.....	4306	0	c02
.....Cggcaguguggguuagcuggu.....	9	1	c02
.....uggcaguguggguuagcGggu.....	1	1	c02
.....uggcaguUuggguuagcuggu.....	1	1	c02
.....uAgcaguguggguuagcuggu.....	1	1	c02
.....ugCcaguguggguuagcuggu.....	3	1	c02
.....uggcaguguggguuagcuUgu.....	4	1	c02
.....uggcaguguggguuagAuggu.....	8	1	c02
.....uggcaguguggCuagcuggu.....	2	1	c02
.....uggcagugAgguuagcuggu.....	1	1	c02
.....uggcagugugCuuagcuggu.....	1	1	c02
.....uggcagGguggguuagcuggu.....	2	1	c02
.....uggcaguguggGuagcuggu.....	2	1	c02
.....uggcUguguggguuagcuggu.....	2	1	c02
.....uggUaguguggguuagcuggu.....	4	1	c02
.....uggcaguguggguuagUuggu.....	2	1	c02
.....uggcaguguguUuuagcuggu.....	1	1	c02
.....uggcaguguggguuagcugCu.....	2	1	c02
.....uggcaguguggguuagcuggG.....	3	1	c02
.....uggcaguguggguuaAcuggu.....	1	1	c02
.....uggcaguguggguuagcAggu.....	2	1	c02
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.....uggcaguguCguuagcuggu.....	6	1	c02
.....Gggcaguguggguuagcuggu.....	431	1	c02
.....uggcagAguggguuagcuggu.....	3	1	c02

Mature Star

gaaaaugggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

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.....uggcaguguggguuGgcuggu.....	1	1	c02
.....uggcaguguggguuaUcuggu.....	3	1	c02
.....uggcaguguggguuagcCggu.....	4	1	c02
.....uggcaCuguggguuagcuggu.....	2	1	c02
.....uggcaguguggguuagcuAgu.....	5	1	c02
.....uggAaguguggguuagcuggu.....	1	1	c02
.....uggcaguguggguuaUcuggguu.....	29	1	c02
.....uggcaguguggguuagcuggGu.....	7	1	c02
.....uggcaguguggguuagcugCuu.....	27	1	c02
.....uggcaguguggguuagcuggguA.....	42	1	c02
.....uggcaguguggguuagcuggAu.....	17	1	c02
.....uggcaguguggguuagGuggguu.....	2	1	c02
.....uggcaguguggguuCgcuggguu.....	4	1	c02
.....uggcaAuguggguuagcuggguu.....	2	1	c02
.....uggcagugugUuuagcuggguu.....	13	1	c02
.....uggcaguguggAuagcuggguu.....	18	1	c02
.....uggcaguguCguuagcuggguu.....	25	1	c02
.....uggcaguguggguuagcuCguu.....	34	1	c02
.....uggcaguguggguuagcuggCu.....	5	1	c02
.....uggcaguguggguuGgcuggguu.....	7	1	c02
.....uggcaguguggguuagcuggguG.....	7	1	c02
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.....uggcaguguggGuagcuggguu.....	14	1	c02
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.....uggcagugugCuuagcuggguu.....	31	1	c02
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.....Cggcaguguggguuagcuggguu.....	29	1	c02
.....uggcaguguAguuagcuggguu.....	5	1	c02
.....uggcaguguggguuagcuAguu.....	5	1	c02
.....uggcagCguggguuagcuggguu.....	5	1	c02
.....uggcaguUuggguuagcuggguu.....	10	1	c02
.....uggcaguguggguAagcuggguu.....	6	1	c02
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.....uggcaguguggguuagAuggguu.....	34	1	c02
.....uggcaguguggguuagUuggguu.....	23	1	c02
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.....uggcagugAgguuagcuggguu.....	15	1	c02
.....uggcagGguggguuagcuggguu.....	8	1	c02
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.....uggcaguguggguuagcCgguu.....	10	1	c02
.....uggcaguguggguuagcugAuu.....	12	1	c02
.....uggcaguguggguuagcugguC.....	10	1	c02
.....uggcaguguggCuagcuggguu.....	3	1	c02
.....uggcagugugAuuagcuggguu.....	3	1	c02
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.....uAgcaguguggguuagcuggguu.....	18	1	c02
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.....ugCcaguguggguuagcuggguu.....	22	1	c02
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.....uggcaguguggguuagcAgguu.....	3	1	c02
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.....uUgcaguguggguuagcuggguu.....	20	1	c02
.....Aggcaguguggguuagcuggguu.....	42	1	c02
.....ugAcaguguggguuagcuggguu.....	10	1	c02
.....uggcCguguggguuagcuggguu.....	1	1	c02
.....Gggcaguguggguuagcuggguu.....	2789	1	c02
.....uggcaguguggguCagcuggguu.....	1	1	c02
.....uggcaguguggguuagcugUuu.....	11	1	c02

Mature Star

gaaaaugggguuagaccgcguuggcagugugguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

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.....Aggcagugugguuagcugguug.....	15	1	c02
.....Gggcagugugguuagcugguug.....	898	1	c02
.....uggcagugugAuuagcugguug.....	2	1	c02
.....uggcagugugguuagcugguuU.....	798	1	c02
.....ugCcagugugguuagcugguug.....	7	1	c02
.....ugAcagugugguuagcugguug.....	5	1	c02
.....uggcagGgugguuagcugguug.....	2	1	c02
.....uggcaUugugguuagcugguug.....	7	1	c02
.....uggcaAugugguuagcugguug.....	1	1	c02
.....uggcagugugguuaUcugguug.....	5	1	c02
.....uggcagugugguuagcCgguug.....	3	1	c02
.....uggcagugGgguuagcugguug.....	3	1	c02
.....uggcagugugguuagAugguug.....	9	1	c02
.....uggcagugugguuagcuAguug.....	1	1	c02
.....uggcaguguCguuagcugguug.....	4	1	c02
.....uCgcagugugguuagcugguug.....	2	1	c02
.....uggGagugugguuagcugguug.....	5	1	c02
.....uggcagugugguuagcuUguug.....	2	1	c02
.....uggcagugugGuagcugguug.....	2	1	c02
.....uggcUgugugguuagcugguug.....	2	1	c02
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.....uggcagAgugguuagcugguug.....	7	1	c02
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.....uggcagugAgguuagcugguug.....	4	1	c02
.....uggcagugugguuagcuCguug.....	5	1	c02
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.....uggcagugugCuuagcugguug.....	7	1	c02
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.....uggcaguguAguuagcugguug.....	1	1	c02
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.....uggcagugugguuaCcugguug.....	6	1	c02
.....uggcagugugguuCgcugguug.....	1	1	c02
.....uggcagugugguuagcugguAg.....	3	1	c02
.....uAgcagugugguuagcugguug.....	5	1	c02
.....uggcagugugguuagcAgguug.....	2	1	c02
.....uggcaCugugguuagcugguug.....	10	1	c02
.....uggcaguAugguuagcugguug.....	3	1	c02
.....uggcagugugAuagcugguug.....	7	1	c02
.....uggcagugugguuagcugguCg.....	1	1	c02
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.....ugUcagugugguuagcugguug.....	5	1	c02
.....uggcagugugguuagcugCuug.....	18	1	c02
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.....uggcagugugguuagcuggAug.....	4	1	c02
.....uggcagugugguGagcugguug.....	3	1	c02
.....uggcagugugguuagUugguug.....	6	1	c02
.....uggcagugugguuagcugguGg.....	3	1	c02
.....uggcGgugugguuagcugguug.....	7	1	c02
.....uggcagugugguuagcugguuC.....	46	1	c02
.....uggcagugugguAagcugguug.....	2	1	c02
.....uggcagugugguuagcuggCug.....	1	1	c02
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.....uggcagugugguuaUcugguugu.....	88	1	c02
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.....uggcCgugugguuagcugguugu.....	10	1	c02
.....uggcagugugguuagcuCguugu.....	108	1	c02
.....uUgcagugugguuagcugguugu.....	69	1	c02
.....uggcagugugguuagcugCuugu.....	161	1	c02

Mature Star

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.....uggcaguguggguuagcuUguugu.....	28	1	c02
.....uggcaguguggguuagcAgguugu.....	38	1	c02
.....uggcagugugguGagcuggguugu.....	29	1	c02
.....uggcaguUuggguuagcuggguugu.....	54	1	c02
.....uggcagugAgguuagcuggguugu.....	71	1	c02
.....uggcaguguggguuagcuggguugA.....	156	1	c02
.....uggcaUuguggguuagcuggguugu.....	76	1	c02
.....Gggcaguguggguuagcuggguugu.....	13200	1	c02
.....uggcagGguggguuagcuggguugu.....	31	1	c02
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.....uggcaguguCguuagcuggguugu.....	94	1	c02
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.....uAgcaguguggguuagcuggguugu.....	61	1	c02
.....uggcagugugAuuagcuggguugu.....	27	1	c02
.....uggcaguguggguuagcuggguuC.....	37	1	c02
.....uggcaguguggguuagcuggguuAu.....	27	1	c02
.....uggcaguguggguuagcuggguuG.....	44	1	c02
.....uggcaguguggguuagcCgguugu.....	48	1	c02
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.....uggcaguguggguuagUuggguugu.....	78	1	c02
.....uggcagugGgguuagcuggguugu.....	29	1	c02
.....uggcaguguggguuagcugUuugu.....	71	1	c02
.....uggcGguguggguuagcuggguugu.....	41	1	c02
.....uggcaguCuggguuagcuggguugu.....	157	1	c02
.....uggcaguguggguuagcuggguAgu.....	41	1	c02
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.....uggcaguguggguuagcuggGugu.....	32	1	c02
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.....uggcaguguggguuagcuggguuCu.....	118	1	c02
.....ugUcaguguggguuagcuggguugu.....	81	1	c02
.....uggcaguAuggguuagcuggguugu.....	59	1	c02
.....uggcagAguggguuagcuggguugu.....	56	1	c02
.....uggcaguguggguuagcuggAugu.....	65	1	c02
.....uggcagugugCuuagcuggguugu.....	110	1	c02
.....uggcaguguggguuagcugguGgu.....	14	1	c02
.....Aggcaguguggguuagcuggguugu.....	290	1	c02
.....uggcaguguggguuaCcuggguugu.....	96	1	c02
.....uggcaguguggCuagcuggguugu.....	19	1	c02
.....uggcaguguggguuagcuAguugu.....	22	1	c02
.....uggGaguguggguuagcuggguugu.....	34	1	c02
.....uggcaguguggguuagcuggguugu.....	127723	0	c02
.....ugAcaguguggguuagcuggguugu.....	45	1	c02
.....uggcaguguggguuUgcuggguugu.....	16	1	c02
.....uggcagugCgguuagcuggguugu.....	26	1	c02
.....uggcaguguggGuagcuggguugu.....	64	1	c02
.....uggcaguguggguuagcugAuugu.....	24	1	c02
.....uggAaguguggguuagcuggguugu.....	70	1	c02
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.....uggcaguguggguuagcuUguuguu.....	1	1	c02
.....uggcaguguggguuagcuggguuUuu.....	9	1	c02
.....uggUaguguggguuagcuggguuguu.....	2	1	c02
.....uggAaguguggguuagcuggguuguu.....	2	1	c02
.....uggcaguguggguuaUcuggguuguu.....	5	1	c02
.....uggcaguguggguuagUuggguuguu.....	1	1	c02

Mature Star

gaaaaugggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....uggcaguguggguuagcCgguuguu.....	1	1	c02
.....uggcagugugguAagcugguuguu.....	1	1	c02
.....uggcaguguggguuagcugguGguu.....	1	1	c02
.....uggcaguguggguuagcugCuuguu.....	2	1	c02
.....uggcagugugCuuagcugguuguu.....	4	1	c02
.....uggcaguguggguuagcuggAuguu.....	1	1	c02
.....uggcaguguggguuagcugguuguu.....	3627	0	c02
.....uggcaguguggguuagcuCguuguu.....	3	1	c02
.....ugCcaguguggguuagcugguuguu.....	4	1	c02
.....uUgcaguguggguuagcugguuguu.....	6	1	c02
.....ugAcaguguggguuagcugguuguu.....	1	1	c02
.....uggcagAguggguuagcugguuguu.....	4	1	c02
.....Cggcaguguggguuagcugguuguu.....	5	1	c02
.....uCgcaguguggguuagcugguuguu.....	3	1	c02
.....uggGaguguggguuagcugguuguu.....	2	1	c02
.....uggcaguguggguuagcugUuuguu.....	1	1	c02
.....uggcaguguggguuagcuAguuguu.....	2	1	c02
.....uggcaguguggguuagcugguugAu.....	2	1	c02
.....uggcagCguggguuagcugguuguu.....	3	1	c02
.....uggcaguguggguuagcuggCuguu.....	1	1	c02
.....uggcaguguggguuagcGgguuguu.....	1	1	c02
.....uggcaguguggguuagAugguuguu.....	3	1	c02
.....ugUcaguguggguuagcugguuguu.....	1	1	c02
.....uggcaguUuggguuagcugguuguu.....	2	1	c02
.....uggcaguguggguuagcugguugGu.....	7	1	c02
.....uggcaguguCguuagcugguuguu.....	4	1	c02
.....uggcaguguggguuagcugguuCuu.....	5	1	c02
.....uggcaguguggguuagcugguuguC.....	113	1	c02
.....uggcaguguggguuagcugguAguu.....	3	1	c02
.....uggcaguguggguuagcugguuguA.....	1117	1	c02
.....uggcagugAgguuagcugguuguu.....	1	1	c02
.....uggcaCuguggguuagcugguuguu.....	2	1	c02
.....uggcaguguggAuagcugguuguu.....	4	1	c02
.....uAgcaguguggguuagcugguuguu.....	2	1	c02
.....uggcaguguggguuaCcugguuguu.....	5	1	c02
.....uggcaguguggguuagcugguuguG.....	171	1	c02
.....uggcaguAugguuagcugguuguu.....	2	1	c02
.....uggcUguguggguuagcugguuguu.....	1	1	c02
.....uggcaguguAguuagcugguuguu.....	2	1	c02
.....uggcaguguggGuagcugguuguu.....	3	1	c02
.....uggcaguguggCuagcugguuguu.....	1	1	c02
.....uggcaguCuggguuagcugguuguu.....	9	1	c02
.....Gggcaguguggguuagcugguuguu.....	355	1	c02
.....uggcaguguUguuagcugguuguu.....	1	1	c02
.....uggcagugGgguuagcugguuguu.....	4	1	c02
.....uggcaguguggguuCgcugguuguu.....	2	1	c02
.....Aggcaguguggguuagcugguuguu.....	9	1	c02
.....uggcaguguggguuagcugguAguuu.....	1	1	c02
.....uggcaguguCguuagcugguuguuu.....	1	1	c02
.....uggcaguguggguuagcugguuguuA.....	59	1	c02
.....ugAcaguguggguuagcugguuguuu.....	1	1	c02
.....Gggcaguguggguuagcugguuguuu.....	15	1	c02
.....uggcaguguggguuagcugguUuuu.....	2	1	c02
.....uggcaguguggguuagcugguuguuu.....	125	0	c02
.....uggcaguguggguuagcugguuguAu.....	34	1	c02
.....uggcaguguggGuagcugguuguuu.....	1	1	c02
.....uggcaguguggguuagcugguuguuG.....	10	1	c02
.....uggcaguUuggguuagcugguuguuu.....	1	1	c02
.....uggcaguguggguuGgcugguuguuu.....	1	1	c02
.....uggcaguguggguuagcugguuguuC.....	7	1	c02
.....uggcaguguggguuagcugguugAuu.....	2	1	c02
.....uggcaguguggguuagcugguuguGu.....	12	1	c02
.....uggcaguguggguuagcAgguuguuu.....	1	1	c02
.....uggcaguguggguuagcugguuguCu.....	1	1	c02
.....uggcaguguggguAagcugguuguuu.....	1	1	c02
.....uggcaguguggguuagcugguuguuua.....	5	0	c02
.....uggcaguguggguuagcugguuguuuU.....	25	1	c02
.....uggcaguguggguuagcugguuguuuG.....	1	1	c02
.....uggcaguguggguuagcugguuguAua.....	1	1	c02
.....uggcaguguggguuagcuggCuguuua.....	1	1	c02

Mature Star

gaaaauggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....uggcaguguggguuagcugguuguuAa.....	8	1	c02
.....uggcaguguggguuagcugguuguuuC.....	1	1	c02
.....uggcaguguggguuagcugguuguuuau.....	4	0	c02
.....uggcaguguggguuagcugguuguuuGu.....	1	1	c02
.....uggcaguguggguuagcugguuguuGau.....	1	1	c02
.....uggcaguguggguuagcugguuguuuaA.....	4	1	c02
.....uggcaguguggguuagcugguuguuuUu.....	1	1	c02
.....uggcaguguggguuagcugguuguuuauuauauugacaac.....	5	0	c02
.....uggcaguguggguuagcugguuguuuauuauauugacaacU.....	1	1	c02
.....Ugcaguguggguuagcugg.....	2	1	c02
.....ggcaguguggguuagcuggu.....	1	0	c02
.....Ugcaguguggguuagcugguu.....	5	1	c02
.....ggcaguguggguuagcugguu.....	4	0	c02
.....ggcagGuggguuagcugguu.....	1	1	c02
.....Ugcaguguggguuagcugguug.....	2	1	c02
.....ggcaguguggguuagcugguug.....	3	0	c02
.....ggUaguguggguuagcugguugu.....	1	1	c02
.....ggcaguguggguuagcugguugu.....	46	0	c02
.....Ugcaguguggguuagcugguugu.....	31	1	c02
.....Cgcaguguggguuagcugguugu.....	1	1	c02
.....ggcaguguggguuagcugguuguu.....	108	0	c02
.....ggcagugAgguuagcugguuguu.....	1	1	c02
.....Ugcaguguggguuagcugguuguu.....	1	1	c02
.....gUcaguguggguuagcugguuguu.....	1	1	c02
.....ggcaguguggguuagcugguuguC.....	1	1	c02
.....ggcaguguggguuagcugAuuguu.....	1	1	c02
.....ggcaguguggguuagcugguuguuA.....	1	1	c02
.....ggcaguguggguuagcugguuguuu.....	3	0	c02
.....ggcaguguggguuagcugguuguuC.....	1	1	c02
.....ggcaguguggguuagcugguuguuuauuaua.....	1	0	c02
.....gcaguguggguuagcuggu.....	5	0	c02
.....gcaguguggguuagcugguu.....	36	0	c02
.....Ucaguguggguuagcugguu.....	2	1	c02
.....gcaguCuggguuagcugguug.....	1	1	c02
.....gcaguguggguuagcugguug.....	27	0	c02
.....Ucaguguggguuagcugguug.....	1	1	c02
.....gUaguguggguuagcugguugu.....	1	1	c02
.....gcaguguggguuagcugguugu.....	240	0	c02
.....Ucaguguggguuagcugguugu.....	2	1	c02
.....gcagugAgguuagcugguugu.....	1	1	c02
.....gcUguguggguuagcugguugu.....	1	1	c02
.....gcaguguggguuagcugguugA.....	1	1	c02
.....gcaguguggguuagcugguAgu.....	1	1	c02
.....Ccaguguggguuagcugguugu.....	1	1	c02
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.....gUaguguggguuagcugguuguu.....	1	1	c02
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.....gcaguguggguuagcuggguCuu.....	1	1	c02
.....gcaguguggguuagcuAguuguu.....	1	1	c02
.....gcaguguggAuagcugguuguu.....	2	1	c02
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.....Ccaguguggguuagcugguuguu.....	7	1	c02
.....Ucaguguggguuagcugguuguu.....	20	1	c02
.....gcagugugCuuagcugguuguu.....	2	1	c02
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.....gcaguguggguuagcuggguuguG.....	1	1	c02
.....gcagugugAuuagcugguuguu.....	1	1	c02
.....Acaguguggguuagcugguuguu.....	1	1	c02
.....gcaguguggguuagcuggCuguu.....	1	1	c02
.....gcaguguggguuagcuCguuguu.....	2	1	c02
.....gcaguUuggguuagcugguuguu.....	1	1	c02
.....gcaguguggguuagAuggguuguu.....	6	1	c02
.....gcagugCgguuagcugguuguu.....	1	1	c02
.....gcaCuguggguuagcugguuguu.....	1	1	c02
.....gcaguCuggguuagcugguuguu.....	3	1	c02
.....gcaguguUguuagcugguuguu.....	1	1	c02
.....gcaguguggguuUgcugguuguu.....	2	1	c02
.....gcaguguggguuagcuggguuguA.....	4	1	c02

Mature Star

gaaaauggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....gcagAguggguuagcugguuguu..... 1 1 c02

.....gcaguguggguuagcugguuguuC..... 2 1 c02

.....gcaguguggguuagcugCuuguuu..... 1 1 c02

.....gcaguguggguuagcugguuCuuu..... 2 1 c02

.....gcaguguggguuagcugguuguuA..... 17 1 c02

.....gcaguguggguuagcugguuguuu..... 76 0 c02

.....Ccaguguggguuagcugguuguuu..... 1 1 c02

.....gcaguguggguuagcugguuguuG..... 4 1 c02

.....gcaguguggguuagcugguuguuua..... 4 0 c02

.....gcaguguggguuagcugguuguuuU..... 10 1 c02

.....gcaguguggguuagcugguuguuuUu..... 1 1 c02

.....gcaguguggguuagcugguuguuuau..... 2 0 c02

.....caguguggguuagcuCguu..... 1 1 c02

.....caguguggguuagcugguu..... 19 0 c02

.....caguguggguuagcuggguU..... 2 1 c02

.....caguguggguuagcugggug..... 11 0 c02

.....caguguggguuaCcuggguu..... 2 1 c02

.....caguguggguuagcuggguA..... 1 1 c02

.....cagAguggguuagcugguu..... 2 1 c02

.....cCguguggguuagcugguu..... 1 1 c02

.....caguguggguuagcuggguCu..... 1 1 c02

.....caguCuggguuagcugguu..... 1 1 c02

.....caguguggguuagcugCuugu..... 1 1 c02

.....caguguggAuagcugguu..... 1 1 c02

.....caguguggguuagcugguu..... 477 0 c02

.....cGguguggguuagcugguu..... 1 1 c02

.....caguguggguuagcuggguu..... 12 0 c02

.....caguguggguuagcuggguuA..... 4 1 c02

.....aguguggguuagcugguU..... 1 1 c02

.....aguguggguuagcuggug..... 8 0 c02

.....aguguggguuagcugguu..... 284 0 c02

.....aguguggguuaUcugguu..... 2 1 c02

.....agAguggguuagcugguu..... 1 1 c02

.....aUuguggguuagcugguu..... 6 1 c02

.....aguAuggguuagcugguu..... 1 1 c02

.....aAuguggguuagcugguu..... 3 1 c02

.....Gguguggguuagcugguu..... 4 1 c02

.....aCuguggguuagcugguu..... 1 1 c02

.....aguUuggguuagcugguu..... 3 1 c02

.....aguCuggguuagcugguu..... 4 1 c02

.....aguguggAuagcugguu..... 1 1 c02

.....aguguggguuagcugguUu..... 1 1 c02

.....Cguguggguuagcugguu..... 12 1 c02

.....aguguggguuagcuggguu..... 6 0 c02

.....aguguggguuagcuggguuA..... 2 1 c02

.....aguguggguuagcugguuuu..... 1 0 c02

.....aguguggguuagcugguuuua..... 1 0 c02

.....aguguggguuagcugguuuuauuaua..... 1 0 c02

.....aguguggguuagcugguuuuauuauau..... 1 0 c02

.....aguguggguuagcugguuuuauuauauugaca..... 1 0 c02

.....Cguguggguuagcugguuuuauuauauugaca..... 1 1 c02

.....gAguggguuagcugguu..... 5 1 c02

.....guUuggguuagcugguu..... 1 1 c02

.....gugugguuagAuggguu..... 1 1 c02

.....gugugUuuagcugguu..... 1 1 c02

.....Cuguggguuagcugguu..... 3 1 c02

.....gGguggguuagcugguu..... 2 1 c02

.....gugugguuagcuggguUu..... 1 1 c02

.....Uuguggguuagcugguu..... 3 1 c02

.....gugugguuagcugguu..... 331 0 c02

.....gCguggguuagcuggguu..... 1 1 c02

.....gugugguuagcuggguu..... 16 0 c02

.....gugugguuagcuggguuA..... 3 1 c02

.....gugugguuagcuggguuG..... 1 1 c02

.....gugugguuagcuggguuuA..... 1 1 c02

.....gugugguuagcuggguuuuauu..... 1 0 c02

.....uguggguuagcuggguuA..... 1 1 c02

.....uguggguuagcuggguuu..... 6 0 c02

.....uguggguuagcuggguuuu..... 1 0 c02

.....uauuauaugacaacagccacuaacgac..... 2 0 c02

Mature Star

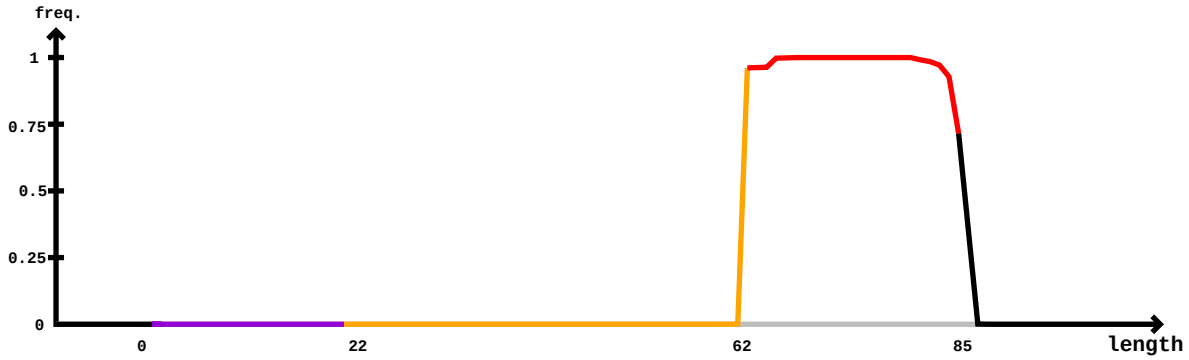
```
gaaaauggguuagaccgcguuggcagugugguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag
.....................................................uauaugacaacagccacuaacgacacugcuucu.....................................  1  0  c02
....................................................uaugacaacagccacuaacgacacugcuucu.....................................  1  0  c02
...................................................ugacaacagccacuaacgacacugcuucu.....................................  1  0  c02
.................................................aUcagccacuaacgacacugcuucu.....................................  1  1  c02
................................................acagccacuaacgacacugcu.....................................  1  0  c02
................................................acagccacuaacgacacugcuA.....................................  1  1  c02
................................................acagccacuaacgacacugcuu.....................................  1  0  c02
................................................acagccacuaacgGcacugcuu.....................................  1  1  c02
...............................................Ccagccacuaacgacacugcuu.....................................  1  1  c02
................................................acagccacuaacgacacugcuucu.....................................  1  0  c02
.............................................cagccacuaacgacacug.....................................  13  0  c02
.............................................cagccacuaacgacacugc.....................................  11  0  c02
.............................................cagccacuaacgacacugcu.....................................  17  0  c02
............................................Uagccacuaacgacacugcuu.....................................  1  1  c02
.............................................cagccacuaacgCcacugcuu.....................................  2  1  c02
.............................................cCgccacuaacgacacugcuu.....................................  1  1  c02
.............................................cagccacuaacgacacugcuu.....................................  66  0  c02
.............................................cagccacuaCcgacacugcuuc.....................................  4  1  c02
.............................................cagccacuaacgacCcugcuuc.....................................  2  1  c02
.............................................cagccacuaacgacacCgcuuc.....................................  2  1  c02
.............................................cagcAacuaacgacacugcuuc.....................................  1  1  c02
.............................................cagccacuaacgacacugcuuU.....................................  14  1  c02
.............................................cGgccacuaacgacacugcuuc.....................................  1  1  c02
.............................................cagccCcuaacgacacugcuuc.....................................  1  1  c02
.............................................cagccaAuaacgacacugcuuc.....................................  2  1  c02
.............................................cagccacuaacgCcacugcuuc.....................................  3  1  c02
.............................................cagccUcuaacgacacugcuuc.....................................  1  1  c02
.............................................caUccacuaacgacacugcuuc.....................................  1  1  c02
.............................................cCgccacuaacgacacugcuuc.....................................  2  1  c02
.............................................cagAcacuaacgacacugcuuc.....................................  2  1  c02
.............................................cagccacuaacgacacugcuuc.....................................  376  0  c02
.............................................cagccacuaacCacacugcuuc.....................................  1  1  c02
.............................................cagccacuaacgacacugcuuAu.....................................  1  1  c02
.............................................cagccacuaacgacacugcuucC.....................................  3  1  c02
.............................................cagccacuaacgCcacugcuucu.....................................  4  1  c02
.............................................cagccacuaacgacacugcuucA.....................................  3  1  c02
.............................................cagccacuaacgacacuUcuucu.....................................  1  1  c02
.............................................cCgccacuaacgacacugcuucu.....................................  1  1  c02
.............................................cagccacuaacgacacuCcuucu.....................................  2  1  c02
.............................................cagccacuaacgacacugcuucu.....................................  144  0  c02
.............................................cagccacuaacgacacugAuucu.....................................  1  1  c02
.............................................cagccacuaacgacacuAcuucu.....................................  1  1  c02
.............................................cagccacuaacgacacugcuCcu.....................................  1  1  c02
.............................................cagccacuaacgacacugcuucug.....................................  2  0  c02
.............................................cagccacuaacgacacugcuucugc.....................................  1  0  c02
..............................................Cgccacuaacgacacugc.....................................  9  1  c02
..............................................agccacuaacgacacugc.....................................  28  0  c02
..............................................agccacuaacgCcacugc.....................................  1  1  c02
..............................................Cgccacuaacgacacugcu.....................................  9  1  c02
..............................................agccacuaacgacacugcu.....................................  20  0  c02
..............................................Cgccacuaacgacacugcuu.....................................  8  1  c02
..............................................agccacuaacgacacugcuu.....................................  26  0  c02
..............................................agccacuaacgacacugAuuc.....................................  1  1  c02
..............................................agccacuaacgCcacugcuuc.....................................  1  1  c02
..............................................agccacuaacgacacugcuuc.....................................  37  0  c02
..............................................Ggccacuaacgacacugcuuc.....................................  1  1  c02
..............................................agccacuaacgacacugcuuU.....................................  2  1  c02
..............................................Cgccacuaacgacacugcuuc.....................................  4  1  c02
..............................................agccacuaacgacacugcuuAu.....................................  1  1  c02
..............................................agccacuaacgacacugAuucu.....................................  3  1  c02
..............................................agccacuaacgacacugcuucu.....................................  755  0  c02
..............................................Ugccacuaacgacacugcuucu.....................................  1  1  c02
..............................................agccacuaCcgacacugcuucu.....................................  3  1  c02
..............................................agccacuaacgGcacugcuucu.....................................  1  1  c02
..............................................agccCcuaacgacacugcuucu.....................................  1  1  c02
..............................................agccaAuaacgacacugcuucu.....................................  1  1  c02
..............................................agccacuaacgaAacugcuucu.....................................  1  1  c02
..............................................agccacuaacgacacugcuucC.....................................  1  1  c02
..............................................agccacuaacgacacuUcuucu.....................................  1  1  c02
..............................................aAccacuaacgacacugcuucu.....................................  1  1  c02
```

Mature Star

gaaaauggguuagaccgcguuggcaguguggguuagcugguuguuuauuauaugacaacagccacuaacgacacugcuucugcguacacccugauccuacauaucgacugacag

.....agccacuaacgacacugcuucA.....	4	1	c02
.....agUcacuaacgacacugcuucu.....	1	1	c02
.....agccacuaacgacCcugcuucu.....	1	1	c02
.....agAcacuaacgacacugcuucu.....	2	1	c02
.....Cgccacuaacgacacugcuucu.....	258	1	c02
.....agccacuaacgacacCgcuucu.....	1	1	c02
.....agcAacuaacgacacugcuucu.....	3	1	c02
.....agccacuaacgacaAugcuucu.....	2	1	c02
.....aUccacuaacgacacugcuucu.....	1	1	c02
.....agccacuaacCacacugcuucu.....	1	1	c02
.....agccacuaacgaGacugcuucu.....	1	1	c02
.....agccacuaacgCcacugcuucu.....	8	1	c02
.....agccacAaacgacacugcuucu.....	2	1	c02
.....agccacuaaAgacacugcuucu.....	1	1	c02
.....agccacuaacgUcacugcuucu.....	1	1	c02
.....Ggccacuaacgacacugcuucu.....	1	1	c02
.....agccacuaacgacacugcuucuA.....	3	1	c02
.....agccacuaacgacacugcuucuU.....	2	1	c02
.....gccacuaacgacacugcuucu.....	4	0	c02
.....ccacuaacgacacugcuucu.....	1	0	c02
.....cacuaacgacacugcuuc.....	1	0	c02
.....cacuaacgacacugcuucu.....	3	0	c02
.....cacuaacgacaAugcuucu.....	1	1	c02
.....acuaacgacacugcuucu.....	4	0	c02
.....Ccuaacgacacugcuucu.....	1	1	c02

Provisional ID	:	group10_15092
Score total	:	1902070.4
Score for star read(s)	:	3.9
Score for read counts	:	1902059.8
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	3730820
Mature read count	:	3729989
Loop read count	:	294
Star read count	:	537



Star **Mature**

```
5'- uccggaguucgugccaggagugcguuugcaaagcacgcuacaguuuugcguuaaggcaaaguugacacuguaaaugcacuaucugguacgacaccccggcgcguguagcgacg  -3'   obs
    uccggaguucgugccaggagugcguuugcaaagcacgcuacaguuuugcguuaaggcaaaguugacacuguaaaugcacuaucugguacgacaccccggcgcguguagcgacg       exp
    .((((.((((((((((((((((((((((.........(((((((((.....)))))))))....))))))))))))).))))))))))).)).)))))))(.....)))...  reads  mm  sample
    ........ucgugccaggagugcguuugc.....................................................................................  1      0   c16
    ........ucgugccaggagugcguuugca....................................................................................  1      0   c16
    .........cgugccaggagugcguuu.......................................................................................  3      0   c16
    .........cgugccaggagugcguuug......................................................................................  4      0   c16
    .........cgugccaggagugcguuugc.....................................................................................  5      0   c16
    .........cgugccaggagugcguuugca....................................................................................  14     0   c16
    .........cgugccaggagugcguuugcU....................................................................................  1      1   c16
    .........cgugccaggagugcguuugUa....................................................................................  3      1   c16
    .........cgugccaggaguCcguuugca....................................................................................  1      1   c16
    ............................aagcacgcuacaguuuugcguuaaggcaaag.....................................................  1      0   c16
    ............................aagcacgcuacaguuuugUguuaaggcaaag.....................................................  1      1   c16
    ............................aagcacgcuacaguuuugcguuaaggcaaaguugacac..............................................  1      0   c16
    ............................aagcacgcuacaguuuugcguuaaggcaaaguugacacu.............................................  1      0   c16
    ............................aagcacgcuacaguuuugcguuaaggcaaaguugacacug............................................  47     0   c16
    ............................aagcacgcuacaguuuugcguuaaggcaaaguugacCcug............................................  1      1   c16
    ............................Cagcacgcuacaguuuugcguuaaggcaaaguugacacug............................................  1      1   c16
    ............................aagcacgcuacaguuuugcguuaaggcaaaguuAacacug............................................  1      1   c16
    ............................aagcacUcuacaguuuugcguuaaggcaaaguugacacug............................................  1      1   c16
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.....aaaugcacuaucAgguacgaca.....	1	1	c02
.....aaauCcacuaucugguacgaca.....	1	1	c02
.....aaaugcacuaucuUguacgaca.....	1	1	c02
.....aaaCgcacuaucugguacgaca.....	1	1	c02
.....aaaugcacuaucugCuacgaca.....	1	1	c02
.....aaaugcacuaucugguacgCca.....	2	1	c02
.....aaaAgcacuaucugguacgaca.....	3	1	c02
.....aaGugcacuaucugguacgaca.....	2	1	c02
.....Uaaugcacuaucugguacgaca.....	142	1	c02
.....aaaugcacuaucugguacgacU.....	27	1	c02
.....aaaugcacuaucugguacCaca.....	1	1	c02
.....aGaugcacuaucugguacgaca.....	1	1	c02
.....aaauAcacuaucugguacgaca.....	1	1	c02

Star Mature

uccggaguucgugccaggagugcguuugcaaagcacgcuacaguuuugcguuaaggcaaaguugacacuguaaaugcacuaucugguacgacaccccggcgcguguagcgacg

.....aaCugcacuaucugguacgaca.....	5	1	c02
.....Gaaugcacuaucugguacgaca.....	18	1	c02
.....aaaGgcacuaucugguacgaca.....	22	1	c02
.....aaaugcacuaucugguaUgaca.....	1	1	c02
.....aaaugcGcuaucugguacgaca.....	1	1	c02
.....aaaugcacuaucugguacgacaG.....	1	1	c02
.....Caaugcacuaucugguacgacac.....	1	1	c02
.....Uaaugcacuaucugguacgacac.....	1	1	c02
.....aaaugcacuaucugguacgacaU.....	22	1	c02
.....aaaugcacuaucugguacgacac.....	26	0	c02
.....Gaaugcacuaucugguacgacac.....	2	1	c02
.....aaaugcacuaucugguacgacaA.....	61	1	c02
.....aGaugcacuaucugguacgacac.....	1	1	c02
.....aaaugcacuaucugguacUacac.....	1	1	c02
.....aaaugcacuaucugguacgacacA.....	1	1	c02
.....aaGgcacuaucugguacg.....	3	1	c02
.....aaugcacuaucugguacg.....	6	0	c02
.....aaugcacuaucugguacga.....	18	0	c02
.....aaGgcacuaucugguacga.....	8	1	c02
.....aUugcacuaucugguacgac.....	2	1	c02
.....aaugcacuaucugguacgac.....	130	0	c02
.....aaugcacuaucugUuacgac.....	1	1	c02
.....aaugcacuaucugguacUac.....	1	1	c02
.....Uaugcacuaucugguacgac.....	1	1	c02
.....aGugcacuaucugguacgac.....	1	1	c02
.....aaugcacuaucuggAacgac.....	1	1	c02
.....aaugcCcuaucugguacgac.....	1	1	c02
.....aaGgcacuaucugguacgac.....	18	1	c02
.....Caugcacuaucugguacgac.....	6	1	c02
.....aauUcacuaucugguacgac.....	1	1	c02
.....aaugcacuaucugguacgaU.....	1	1	c02
.....aaugcacuaucugguacgaA.....	1	1	c02
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.....aaugcacuaucugguacgacU.....	4	1	c02
.....aaugcaUuaucugguacgaca.....	1	1	c02
.....Caugcacuaucugguacgaca.....	26	1	c02
.....aGugcacuaucugguacgaca.....	1	1	c02
.....Uaugcacuaucugguacgaca.....	2	1	c02
.....aaugcacuaucugguacgaAa.....	1	1	c02
.....aaugcacuaucuggGacgaca.....	1	1	c02
.....aaugcacuaucugguaAgaca.....	1	1	c02
.....aaugcacuaucuggCacgaca.....	1	1	c02
.....aaugcacuaucugUuacgaca.....	1	1	c02
.....aaugcacuaucugguacgacC.....	7	1	c02
.....aUugcacuaucugguacgaca.....	9	1	c02
.....aaAgcacuaucugguacgaca.....	1	1	c02
.....aaugcaAuaucugguacgaca.....	1	1	c02
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.....aaugcacuaucugguacgacac.....	4	0	c02
.....aaugcacuaucugguacgacacU.....	1	1	c02
.....aaugcacuaucugguacgacacG.....	1	1	c02
.....aaugcacuaucugguacgacacA.....	1	1	c02
.....augUacuaucugguacga.....	1	1	c02
.....augcacuaucuggCacga.....	1	1	c02
.....Gugcacuaucugguacga.....	2	1	c02
.....augcacuaucugguGcga.....	1	1	c02
.....augcacuaucugguacCa.....	3	1	c02
.....augcacuaucugAuacga.....	1	1	c02
.....augcacuaucuggAacga.....	1	1	c02
.....augAacuaucugguacga.....	5	1	c02
.....augcacuaucuggGacga.....	1	1	c02
.....augcaUuaucugguacga.....	3	1	c02
.....augcacuaucuCguacga.....	3	1	c02
.....augcacuGucugguacga.....	1	1	c02
.....augcCcuaucugguacga.....	6	1	c02

Star Mature

uccggaguucgugccaggagugcguuugcaagcacgcuacaguuuugcguuaaggcaaaguugacacuguaaaugcacuaucugguacgacaccccggcgcguguagcgacg

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.....augcUcuaucugguacga.....	3	1	c02
.....augcacuaucugguacga.....	3497	0	c02
.....augcacuaucugguacUa.....	2	1	c02
.....auUcacuaucugguacga.....	1	1	c02
.....augcacuaucuUguacga.....	3	1	c02
.....augcaAuaucugguacga.....	5	1	c02
.....augcacuaucuAguacga.....	2	1	c02
.....augcacuaucugguacgU.....	7	1	c02
.....augcacuaucugguaAga.....	11	1	c02
.....augcacCaucugguacga.....	1	1	c02
.....augcacuaucugguCcga.....	1	1	c02
.....augcacuaAcugguacga.....	3	1	c02
.....augcacuaucCgguacga.....	4	1	c02
.....augcacuaucugguUcga.....	1	1	c02
.....augcacuaucugUuacga.....	2	1	c02
.....augcacuaucugguacAa.....	2	1	c02
.....Cugcacuaucugguacga.....	435	1	c02
.....auCcacuaucugguacga.....	3	1	c02
.....augcacuaCcugguacga.....	1	1	c02
.....augcacuaucugguacgC.....	2	1	c02
.....Gugcacuaucugguacgac.....	3	1	c02
.....augcacuaucugguacgUc.....	2	1	c02
.....augcacuaGcugguacgac.....	3	1	c02
.....aCgcacuaucugguacgac.....	3	1	c02
.....augcaUuaucugguacgac.....	3	1	c02
.....augcacuaucugguacgGc.....	2	1	c02
.....augcacuaucugUuacgac.....	7	1	c02
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.....augcacuaucugguaUgac.....	5	1	c02
.....augUacuaucugguacgac.....	6	1	c02
.....augcacuauUugguacgac.....	1	1	c02
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.....augcacuaucuAguacgac.....	2	1	c02
.....augcacuaucAgguacgac.....	4	1	c02
.....augcacuauAugguacgac.....	6	1	c02
.....augcacuaucugAuacgac.....	4	1	c02
.....augcacuaucugguacgaU.....	9	1	c02
.....augcacuaucugguacCac.....	4	1	c02
.....augcacuaucugguacAac.....	2	1	c02
.....augcacAaucugguacgac.....	3	1	c02
.....augAacuaucugguacgac.....	14	1	c02
.....augcacCaucugguacgac.....	1	1	c02
.....augcacuGucugguacgac.....	1	1	c02
.....augcacuaucugguGcgac.....	2	1	c02
.....augcGcuaucugguacgac.....	1	1	c02
.....augcacuaucuggAacgac.....	6	1	c02
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.....augcacuaucugguacgac.....	8990	0	c02
.....augcacuaucugguacgCc.....	36	1	c02
.....augcacuaucuUguacgac.....	2	1	c02
.....auUcacuaucugguacgac.....	6	1	c02
.....augcacuaucugguaAgac.....	25	1	c02
.....augcacuaucugguCcgac.....	2	1	c02
.....augcacuaucuggCacgac.....	4	1	c02
.....augcacuaucugguacgaA.....	16	1	c02
.....augcacuaucCgguacgac.....	6	1	c02
.....auCcacuaucugguacgac.....	13	1	c02
.....augcCcuaucugguacgac.....	16	1	c02
.....augcaAuaucugguacgac.....	15	1	c02
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.....augcacuaucugguUcgac.....	2	1	c02
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.....Uugcacuaucugguacgac.....	4	1	c02
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.....augcacuaucugguacUac.....	8	1	c02

Star Mature

uccggaguucgugccaggagugcguuugcaagcacgcuacaguuuugcguuaaggcaaaguugacacuguaaaugcacuaucugguacgacaccccggcgcguguagcgacg

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.....augcacuaucuCguacgac.....	14	1	c02
.....augcacuaucugCuacgac.....	10	1	c02
.....augcacuaucugguUcgaca.....	4	1	c02
.....augcacuCucugguacgaca.....	2	1	c02
.....augcacuaucugCuacgaca.....	74	1	c02
.....augcacuaucugguacgUca.....	4	1	c02
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.....aCgcacuaucugguacgaca.....	4	1	c02
.....augcacuaGcugguacgaca.....	5	1	c02
.....auUcacuaucugguacgaca.....	22	1	c02
.....augcacuaucCgguacgaca.....	13	1	c02
.....Gugcacuaucugguacgaca.....	17	1	c02
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.....augcacuUucugguacgaca.....	4	1	c02
.....augcacuaucugguacgaGa.....	3	1	c02
.....augcacuaucugguacgacC.....	602	1	c02
.....augcacuaucugguaUgaca.....	23	1	c02
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.....augcacuaucugguacUaca.....	21	1	c02
.....augcacuaucuggGacgaca.....	9	1	c02
.....augcacuaucugguacgaca.....	27259	0	c02
.....augcGcuaucugguacgaca.....	6	1	c02
.....aGgcacuaucugguacgaca.....	14	1	c02
.....augcacuauGugguacgaca.....	3	1	c02
.....aAgcacuaucugguacgaca.....	14	1	c02
.....augcacuaucugguacgCca.....	78	1	c02
.....Cugcacuaucugguacgaca.....	4401	1	c02
.....augcacuaCcugguacgaca.....	9	1	c02
.....auCcacuaucugguacgaca.....	43	1	c02
.....augcacuaucuCguacgaca.....	71	1	c02
.....augcacuaucugAuacgaca.....	6	1	c02
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.....augcacuaucuUguacgaca.....	14	1	c02
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.....augcacuaucGgguacgaca.....	3	1	c02
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.....augcacuaucuAguacgaca.....	6	1	c02
.....augcacuaucugguacgacG.....	28	1	c02
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.....augcacuaucugguacCaca.....	25	1	c02
.....augcacCaucugguacgaca.....	6	1	c02
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.....auAcacuaucugguacgaca.....	9	1	c02
.....augcacuauUugguacgaca.....	8	1	c02
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.....aCgcacuaucugguacgacac.....	1	1	c02

Star Mature

uccggaguucgugccaggagugcguuugcaagcacgcuacaguuuugcguuaaggcaaaguugacacuguaaaugcacuaucugguacgacaccccggcgcguguagcgacg

.....augcacuaucuggAacgacac.....	1	1	c02
.....augcaAuaucugguacgacac.....	1	1	c02
.....Cugcacuaucugguacgacac.....	63	1	c02
.....augcacuaucugguacgaAac.....	1	1	c02
.....augcacGaucugguacgacac.....	1	1	c02
.....augcacuaucugguacgacCc.....	3	1	c02
.....augcacuaucugguacgacac.....	324	0	c02
.....augcacuaucugCuacgacac.....	1	1	c02
.....augcacuaucugguacgCcac.....	5	1	c02
.....augcacuaucugguacgacaU.....	147	1	c02
.....augcacuaucugguacgacaA.....	618	1	c02
.....aGgcacuaucugguacgacac.....	1	1	c02
.....augcacuaucugguacgacaAc.....	1	1	c02
.....augcacuaucugguacgacaGc.....	3	1	c02
.....augcacuaucugguacgacUcc.....	1	1	c02
.....augcacuaucugguacgacacU.....	10	1	c02
.....augcacuaucugguacgacacA.....	11	1	c02
.....Cugcacuaucugguacgacacc.....	1	1	c02
.....augcacuaucugguacgacacG.....	1	1	c02
.....augcacuaucugguacgacacc.....	4	0	c02
.....augcacuaucugguacgacacGc.....	1	1	c02
.....augcacuaucugguacgacaGcc.....	1	1	c02
.....Ggcacuaucugguacgac.....	15	1	c02
.....ugAacuaucugguacgac.....	1	1	c02
.....Agcacuaucugguacgac.....	2	1	c02
.....ugcacuaucugCuacgac.....	1	1	c02
.....ugGacuaucugguacgac.....	1	1	c02
.....ugcacuaucugguacgac.....	93	0	c02
.....ugcacuaucugguCcgac.....	1	1	c02
.....ugcacuaucugguacgCc.....	1	1	c02
.....ugcacuaucugguacgaA.....	1	1	c02
.....uUcacuaucugguacgaca.....	5	1	c02
.....ugcUcuaucugguacgaca.....	1	1	c02
.....ugcacuaucugguacgacU.....	10	1	c02
.....ugcacuaAcugguacgaca.....	1	1	c02
.....ugcaUuaucugguacgaca.....	1	1	c02
.....ugAacuaucugguacgaca.....	1	1	c02
.....Agcacuaucugguacgaca.....	1	1	c02
.....ugcacuaucCgguacgaca.....	1	1	c02
.....ugcacuaucugCuacgaca.....	2	1	c02
.....ugcacuaucugUuacgaca.....	1	1	c02
.....ugcacuaucugguacgacC.....	7	1	c02
.....ugcacuaucugguacgaca.....	380	0	c02
.....ugcacuaucugguacgaAa.....	1	1	c02
.....ugGacuaucugguacgaca.....	7	1	c02
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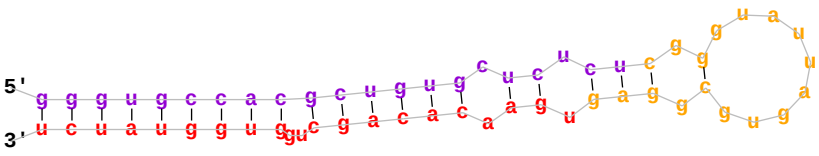
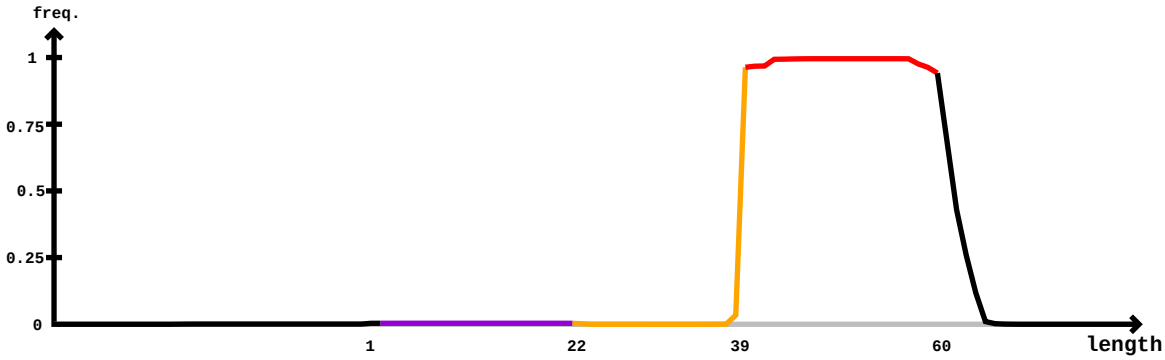
.....ugcacuaucuCguacgaca.....	2	1	c02
.....Ggcacuaucugguacgaca.....	47	1	c02
.....uCcacuaucugguacgaca.....	1	1	c02
.....ugcacuaucugguacgCca.....	1	1	c02
.....ugcacuaucugguacCaca.....	1	1	c02
.....ugcacuaucugguacgacac.....	1	0	c02
.....ugcacuaucugguacgacaU.....	6	1	c02
.....Ggcacuaucugguacgacac.....	1	1	c02
.....ugcacuaucugguacgacaA.....	13	1	c02
.....uUcacuaucugguacgacac.....	1	1	c02
.....ugcacuaucugguacgacaG.....	1	1	c02
.....Ucacuaucugguacgaca.....	15	1	c02
.....gcacuaucugguacgCca.....	1	1	c02
.....gcacuaucugguacgacU.....	43	1	c02
.....Ccacuaucugguacgaca.....	7	1	c02
.....Acacuaucugguacgaca.....	1	1	c02
.....gcacuaAcugguacgaca.....	1	1	c02
.....gcacuaucugguacgacC.....	16	1	c02
.....gcacuaCcugguacgaca.....	1	1	c02
.....gcGcuaucugguacgaca.....	1	1	c02
.....gUacuaucugguacgaca.....	3	1	c02
.....gcacuauAugguacgaca.....	3	1	c02
.....gcacuaucuAguacgaca.....	1	1	c02
.....gcaGuaucugguacgaca.....	2	1	c02

Star
Mature
uccggaguucgugccaggagugcguuugcaagcacgcuacaguuuugcguuaaggcaaaguugacacuguaaaugcacuaucugguacgacaccccggcgcguguagcgacg
.....gcacuaucAgguacgaca..... 1 1 c02
.....gcacGaucugguacgaca..... 1 1 c02
.....gcacuaucugguacgaca..... 874 0 c02
.....gcUcuaucugguacgaca..... 1 1 c02
.....gcacuaucugguCcgaca..... 1 1 c02
.....gcacuaucugguacgacG..... 1 1 c02
.....gAacuaucugguacgaca..... 1 1 c02
.....gcacuaucugCuacgaca..... 3 1 c02
.....gcacuaucugguacAaca..... 1 1 c02
.....gcacuaucugguacgacaU..... 14 1 c02
.....gcacuaucugguacgacaA..... 29 1 c02
.....gcacuaucugguacgacac..... 17 0 c02
.....gcacuaucugguacgacacG..... 1 1 c02
.....gcacuaucugguacgacacU..... 2 1 c02
.....cacuaucugguacgacac..... 9 0 c02
.....cacuaucugguacCacac..... 1 1 c02
.....cacuaucugguacgacaA..... 13 1 c02
.....cacuaucugguacgacaU..... 15 1 c02
.....acuaucugguacgacacU..... 4 1 c02
.....acuaucugguacgacacc..... 1 0 c02
.....cuaucugguacgacacUc..... 1 1 c02

Provisional ID	:	group10_15096
Score total	:	1.4
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.9
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	305706
Mature read count	:	305629
Loop read count	:	8
Star read count	:	69





Star **Mature**

```
5'- gagcuugaagaucaccgggcuaucgaacgaccgggugccacgcugugcucucucggguauuagugcggagugaacacagcuggugguaucucaguuguucccuaguucuuc  -3'   obs
    gagcuugaagaucaccgggcuaucgaacgaccggugccacgcugugcucucucggguauuagugcggagugaacacagcuggugguaucucaguuguucccuaguucuuc        exp
    ..............((((((..(((((((.(((((((((((((((.((.(((.(.........).))).)).)))))))..)))))))))..)))))))..))))))...
```

	reads	mm	sample
.....cgggugccacgcugugcuc.....	1	0	c04
.....Ugggugccacgcugugcucuc.....	1	1	c04
.....cgggugccacgcugugcucucu.....	39	0	c04
.....cgggugccacgcugCgcucucu.....	1	1	c04
.....cgggugccacgcugugcucucuU.....	1	1	c04
.....gggugccacgcugugcucucu.....	1	0	c04
.....Ugagugaacacagcuggugguaucu.....	1	1	c04
.....gaUugaacacagcuggugguaucu.....	1	1	c04
.....gaCugaacacagcuggugguaucu.....	1	1	c04
.....Aagugaacacagcuggugguaucu.....	1	1	c04
.....agugaacacagcuggugg.....	1	0	c04
.....agugaacacagcuggugguaucu.....	1	0	c04
.....aCugaacacagcuggugguaucucagu.....	1	1	c04
.....gugaacacagcugguggu.....	2	0	c04
.....gugaacacagcugguggua.....	6	0	c04
.....gugaacacagcuggugguau.....	4	0	c04
.....gugaacacagcuggugguauc.....	7	0	c04
.....gugaacacagcuggugguauA.....	3	1	c04
.....gugaacacagcuggugUuaucu.....	1	1	c04
.....Cugaacacagcuggugguaucu.....	2	1	c04
.....gugCacacagcuggugguaucu.....	1	1	c04
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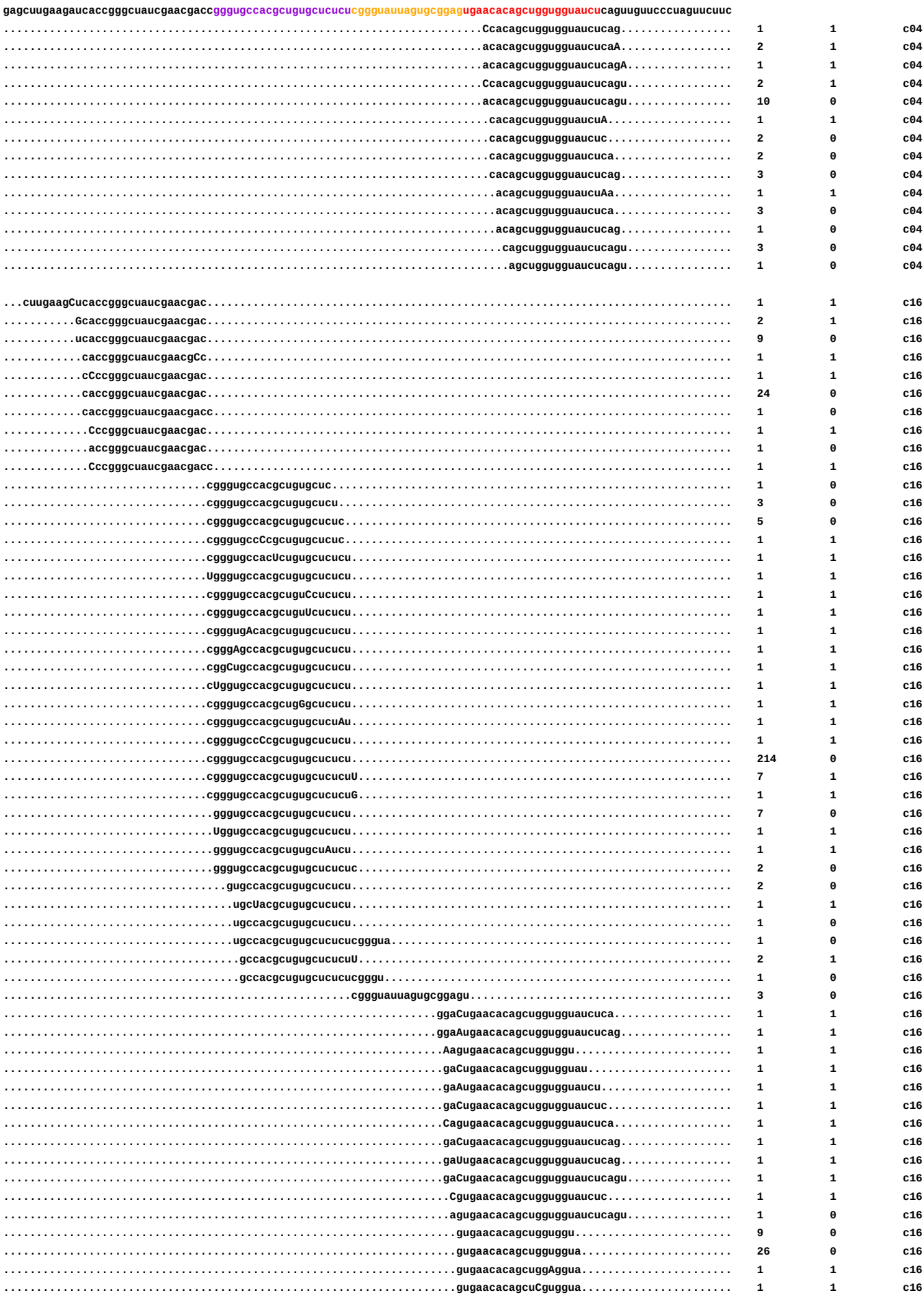

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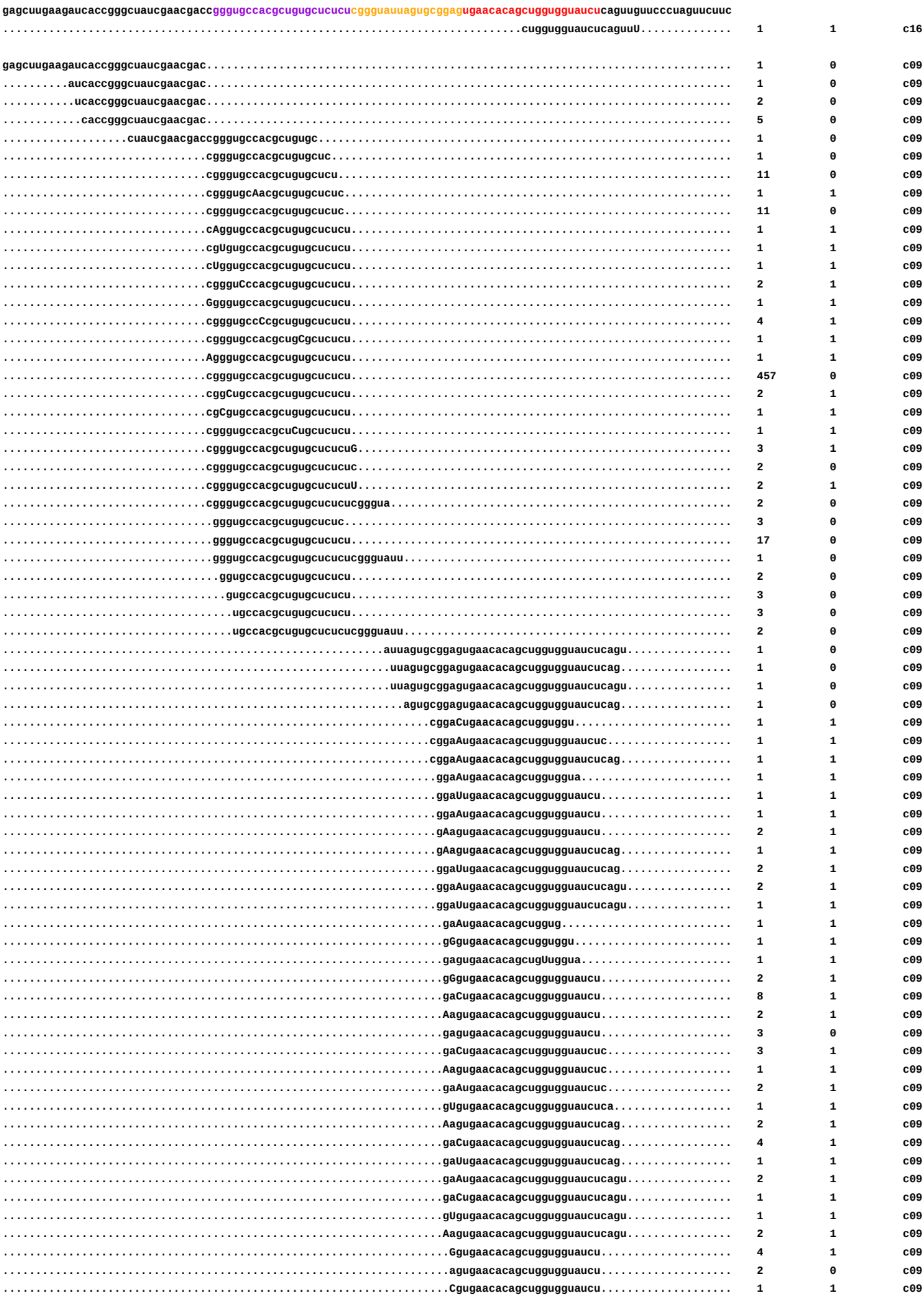
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............caccgggcuaucgaacgac.....  3  0  c15
............caccgggcuaucgaacgacc.....  1  0  c15
.............................cgggugccacgcugugcucuc.....  1  0  c15
.............................cgggugccacgcugugcucucA.....  4  1  c15
.............................cgggugccacgcugugcucucG.....  1  1  c15
.............................Ugggugccacgcugugcucucu.....  2  1  c15
.............................cgggugccacgcugugcucucu.....  133  0  c15
.............................cgggugccacgcugugcucuAu.....  1  1  c15
.............................cgggCgccacgcugugcucucu.....  1  1  c15
.............................cgggugccacgcuAugcucucu.....  1  1  c15
.............................Ggggugccacgcugugcucucu.....  1  1  c15
.............................cgggugccacgcugugcucucuA.....  1  1  c15
.............................cgggugccacgcugugcucucuc.....  2  0  c15
.............................cgggugccacgcugugcucucuU.....  2  1  c15
.............................gggugccacgcugugcucucu.....  4  0  c15
.....................................................cggguauuagugcggagu.....  1  0  c15
.....................................................cggguauuagugcggaguU.....  1  1  c15
.....................................................Uagugaacacagcuggugguaucu.....  1  1  c15
.....................................................gugaacacagcuggugguaucu.....  1  0  c15
.....................................................gugaacacagcuggugguaucu.....  1  0  c15
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.....................................................gugaacacagcuggugguaucu.....  18  0  c15
.....................................................gugaacacagcuggugguaucu.....  1  1  c15
.....................................................gugaacacagcuggugguaucu.....  6  0  c15
.....................................................Uugaacacagcuggugguaucu.....  1  1  c15
.....................................................gugaacacagcuggugguaucu.....  2  1  c15
.....................................................gugaacacagcuggugguaucu.....  4  1  c15
.....................................................Cugaacacagcuggugguaucu.....  2  1  c15
.....................................................Augaacacagcuggugguaucu.....  1  1  c15
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.....................................................gugaacacagcuggugguaucu.....  98  0  c15
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.....................................................Cugaacacagcuggugguaucu.....  6  1  c15
.....................................................gugaacacagcuggugguaucu.....  1  1  c15
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.....................................................gugaacacagcuggugguaucuca.....  5  0  c15
.....................................................gugaacacagcuggugguaucu.....  1  1  c15
.....................................................gugaacacagcuggugguaucu.....  3  1  c15
.....................................................gugaacacagcuggugguaucu.....  4  1  c15
.....................................................gugaacacagcuggugguaucu.....  1  1  c15
.....................................................gugaacacagcuggugguaucu.....  82  0  c15
.....................................................gugaacacagcuggugguaucu.....  7  0  c15
.....................................................gugaacacagcuggugguaucu.....  2  0  c15
.....................................................gugaacacagcuggugguaucu.....  1  1  c15
.....................................................ugaacacagcuggugguau.....  7  0  c15
.....................................................ugaacacagcuggugguau.....  68  0  c15
.....................................................ugaaGacagcuggugguau.....  1  1  c15
.....................................................Agaacacagcuggugguau.....  1  1  c15
```

Star Mature

gagcuugaagaucaccgggcuaucgaacgaccgggugccacgcugugcucucucgggguauuagugcggagugaacacagcuggugguaucucaguuguucccuaguucuuc

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.....ugaacacagcuggugguauU.....	13	1	c15
.....ugaacacagcuggugguauc.....	81	0	c15
.....ugaacacagcCggugguauc.....	1	1	c15
.....ugaacacagcuggGgguauc.....	1	1	c15
.....ugaacacagcuggUguaucu.....	1	1	c15
.....ugaacacagcuggugGaucu.....	2	1	c15
.....ugaacacagcuggugguGucu.....	1	1	c15
.....ugaacacagcuggCgguaucu.....	4	1	c15
.....ugaacacagcuCgugguaucu.....	2	1	c15
.....ugaacacagcuggugguUucu.....	1	1	c15
.....ugaacacCgcuggugguaucu.....	1	1	c15
.....ugaacacagAuggugguaucu.....	1	1	c15
.....ugaacacagUuggugguaucu.....	4	1	c15
.....ugaacacagcuggugguaucG.....	27	1	c15
.....ugaaUacagcuggugguaucu.....	3	1	c15
.....ugaacacagcuggugguaucA.....	195	1	c15
.....ugaacaUagcuggugguaucu.....	1	1	c15
.....ugaacacagcuAgugguaucu.....	1	1	c15
.....ugaacacagcuggugguaucC.....	73	1	c15
.....uAaacacagcuggugguaucu.....	1	1	c15
.....ugaacacagcuggugguaucu.....	5506	0	c15
.....uCaacacagcuggugguaucu.....	1	1	c15
.....ugaacaAagcuggugguaucu.....	1	1	c15
.....ugaacacagcuggugAaucu.....	5	1	c15
.....ugGacacagcuggugguaucu.....	1	1	c15
.....ugaacGcagcuggugguaucu.....	1	1	c15
.....ugaUcacagcuggugguaucu.....	1	1	c15
.....Cgaacacagcuggugguaucu.....	3	1	c15
.....ugaacacagcugguAguaucu.....	1	1	c15
.....ugaacacagcuggugguaCcu.....	2	1	c15
.....ugaacacagcuggAgguaucu.....	1	1	c15
.....ugaacacagcCggugguaucu.....	1	1	c15
.....ugaacacagcuggugCaucu.....	7	1	c15
.....Agaacacagcuggugguaucu.....	4	1	c15
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.....ugaacacagcugAugguaucu.....	4	1	c15
.....ugaaAacagcuggugguaucu.....	1	1	c15
.....ugaacacaAcuggugguaucu.....	2	1	c15
.....ugaacacagcuggugguauAu.....	3	1	c15
.....ugaacacagcuggGgguaucu.....	6	1	c15
.....ugaacacGgcuggugguaucu.....	2	1	c15
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.....uCaacacagcuggugguaucuc.....	1	1	c15
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.....Cgaacacagcuggugguaucuc.....	10	1	c15
.....ugaacacagcuggugguaucuA.....	63	1	c15
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Star Mature

gagcuugaagaucaccgggcuaucgaacgaccgggugccacgcugugcucucucgggguauuagugcggagugaacacagcuggugguaucucaguuguucccuaguucuuc

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.....ugaacacUgcuggugguaucuc.....	2	1	c15
.....ugaacacagcuggugguUucuc.....	1	1	c15
.....ugaacUcagcuggugguaucuc.....	2	1	c15
.....ugGacacagcuggugguaucuc.....	2	1	c15
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.....ugaacacagcugguAguaucuc.....	2	1	c15
.....ugaacacagcuggugAuaucuc.....	4	1	c15
.....ugaacacagcuggugUuaucuc.....	1	1	c15
.....ugaacacagcugUugguaucuc.....	1	1	c15
.....ugaacacagcuggugguaucuc.....	7781	0	c15
.....Agaacacagcuggugguaucuc.....	5	1	c15
.....ugaacacagcuggugguauUuc.....	1	1	c15
.....ugaacacagcAggugguaucuc.....	1	1	c15
.....ugaacacagcugguCguaucuc.....	1	1	c15
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.....ugaacacagcuggugguaucAc.....	34	1	c15
.....ugaacacagAuggugguaucuc.....	3	1	c15
.....uAaacacagcuggugguaucuc.....	2	1	c15
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.....ugaacacagcuggugguaUuc.....	3	1	c15
.....ugaacacagcugAugguaucuc.....	1	1	c15
.....ugaacaGagcuggugguaucuc.....	2	1	c15
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.....ugaacacagcuCgugguaucuca.....	1	1	c15
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.....ugaacacagcuggugguCucuca.....	1	1	c15
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.....ugaacacagcuggugguCaucuca.....	2	1	c15
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.....ugaacacagcuggugguCaucucag.....	1	1	c15
.....ugaacacGgcuggugguaucucag.....	2	1	c15

Star Mature

gagcuugaagaucaccgggcuaucgaacgaccgggugccacgcugugcucucucgggguauuagugcggagugaacacagcuggugguaucucaguuguucccuaguucuuc

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.....ugaacacagcuggugguauUucag.....	1	1	c15
.....ugaacacagcuggugCuaucucag.....	1	1	c15
.....ugaacacagcuggugGaucucag.....	1	1	c15
.....ugaacacagcuggAgguaucucag.....	4	1	c15
.....ugaacacagcuggugguaucucaA.....	56	1	c15
.....Cgaacacagcuggugguaucucag.....	2	1	c15
.....ugaacacaAcuggugguaucucag.....	1	1	c15
.....ugaacacagcuCgugguaucucag.....	1	1	c15
.....ugaacacagcuggugguaucucaC.....	22	1	c15
.....ugaacacagcuggCguaucucag.....	1	1	c15
.....ugaacacagcuggugguaucucaU.....	158	1	c15
.....ugaacacagcuggugAaucucag.....	1	1	c15
.....Agaacacagcuggugguaucucag.....	1	1	c15
.....ugaacaUagcuggugguaucucagu.....	1	1	c15
.....ugaacUcagcuggugguaucucagu.....	1	1	c15
.....ugaacacagcuggugguaucucagu.....	672	0	c15
.....ugaacacagcuggugguaucucaUu.....	13	1	c15
.....ugaacacagcuggugCuaucucagu.....	1	1	c15
.....ugaacacaAcuggugguaucucagu.....	1	1	c15
.....ugaacacagcuggAgguaucucagu.....	3	1	c15
.....ugaacacagcuggugguaucucaAu.....	1	1	c15
.....ugaacacagUuggugguaucucagu.....	3	1	c15
.....ugaacacagcuggugguauAucagu.....	1	1	c15
.....ugaacacagcuggugguaucucagA.....	29	1	c15
.....ugaacacagcugUugguaucucagu.....	2	1	c15
.....ugaacacagcuggGgguaucucagu.....	2	1	c15
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.....ugaacacagcugCugguaucucagu.....	1	1	c15
.....ugaacacagcuggugAaucucaguu.....	1	1	c15
.....ugaacacagcuggugguaucucGguu.....	1	1	c15
.....ugaacacagcuggugguaucucaUuu.....	1	1	c15
.....ugaacacagcuggugguaucuAaguu.....	1	1	c15
.....ugaacacagcugguggCaucucaguu.....	1	1	c15
.....ugaacGcagcuggugguaucucaguu.....	1	1	c15
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.....ugaacacagcuggugguaucucaguA.....	60	1	c15
.....ugaacacagcuggGgguaucucaguu.....	1	1	c15
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.....ugaacacagcuggugguaucucaguu.....	275	0	c15
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.....ugaacacagcuggugguaucucaguG.....	1	1	c15
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.....ugaacacagcuggugguaucucaguuAu.....	15	1	c15
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.....gaacacagcuggugguaucG.....	1	1	c15
.....gGacacagcuggugguaucu.....	1	1	c15
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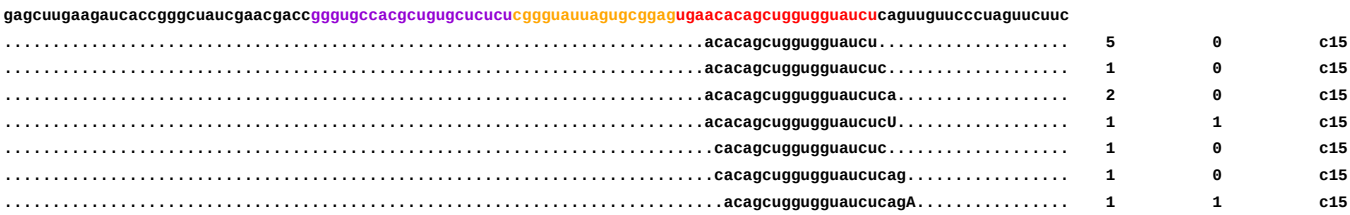
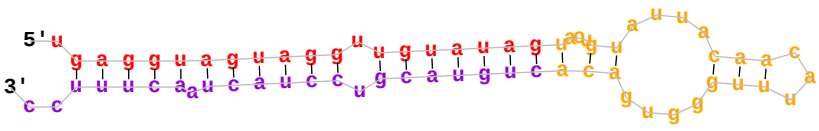
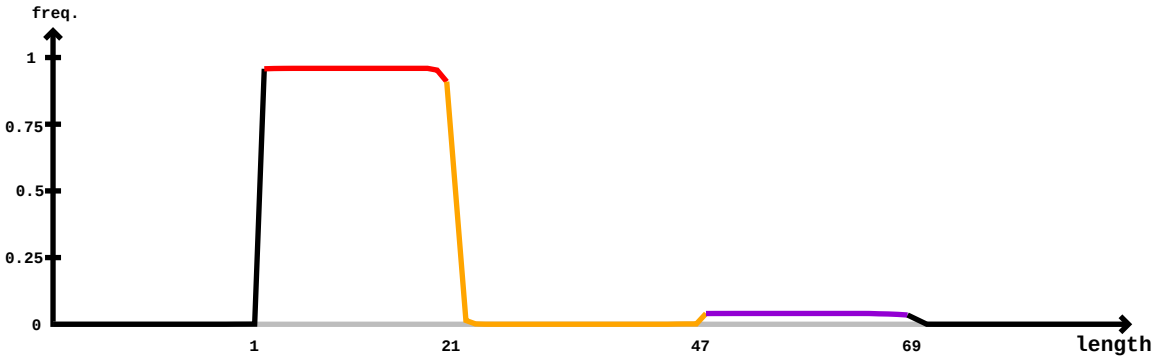


5	0	c15
1	0	c15
2	0	c15
1	1	c15
1	0	c15
1	0	c15
1	1	c15

Provisional ID	:	group10_15143
Score total	:	5
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1130464
Mature read count	:	1085732
Loop read count	:	106
Star read count	:	44626





Mature **Star**

```
5'- gaaguaguccguauacugggugagguaguagguuguauaguacuguauuacaacauuugggugacacuguacguccuacuaacuuuccugguuaacggacaaagcaacaa  -3'   obs
    gaaguaguccguauacugggugagguaguagguuguauaguacuguauuacaacauuugggugacacuguacguccuacuaacuuuccugguuaacggacaaagcaacaa        exp
    ......((((((..(((((((.(((.(((((((.(((((((((...((....(((...)))....)))))))))).)))))))..)))).)))))))..)))))).....  reads     mm        sample
    .aaguaguccguauacuggg.....................................................................................................  2         0         c15
    ................Cgggugagguaguagguuguauag.................................................................................  1         1         c15
    ..................Cugagguaguagguuguauag...................................................................................  12        1         c15
    ..................Cugagguaguagguuguauagu..................................................................................  2         1         c15
    ..................Cugagguaguagguuguauagua.................................................................................  2         1         c15
    ..................Uugagguaguagguuguauagua.................................................................................  1         1         c15
    ....................ugagguaguagguuguau....................................................................................  51        0         c15
    ....................ugagguaguagguuguaG....................................................................................  1         1         c15
    ....................ugagguaguagguCguaua...................................................................................  1         1         c15
    ....................ugaggCaguagguuguaua...................................................................................  1         1         c15
    ....................ugagguaguagguuguaua...................................................................................  271       0         c15
    ....................ugagguaguagguuguauC...................................................................................  1         1         c15
    ....................ugagguaguagguuguauU...................................................................................  17        1         c15
    ....................ugaggGaguagguuguaua...................................................................................  3         1         c15
    ....................ugagguaguGgguuguauag..................................................................................  15        1         c15
    ....................uUagguaguagguuguauag..................................................................................  15        1         c15
    ....................ugagguaUuagguuguauag..................................................................................  3         1         c15
    ....................ugagguaguUgguuguauag..................................................................................  3         1         c15
    ....................Ggagguaguagguuguauag..................................................................................  5         1         c15
    ....................ugagguaguaggAuguauag..................................................................................  23        1         c15
    ....................ugaCguaguagguuguauag..................................................................................  1         1         c15
    ....................ugagguaguagguugCauag..................................................................................  11        1         c15
    ....................ugagguaguagguuCuauag..................................................................................  1         1         c15
    ....................uCagguaguagguuguauag..................................................................................  5         1         c15
    ....................ugagguaguagguuguauaA..................................................................................  349       1         c15
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    ....................ugagguaguaAguuguauag..................................................................................  1         1         c15
    ....................ugagguaguagguuguaGag..................................................................................  1         1         c15
    ....................ugagAuaguagguuguauag..................................................................................  4         1         c15
    ....................ugagguaguagAuuguauag..................................................................................  3         1         c15
    ....................ugagguaguagguuAuauag..................................................................................  10        1         c15
```

Mature Star

gaaguaguccguauacugggugagguaguaggguuguauaguacuguauuacaacauuugggugacacuguacguccuacuaacuuuccugguuaacggacaaagcaacaa

.....ugaUguaguaggguuguauag.....	4	1	c15
.....ugagguaguaggguuguauag.....	33406	0	c15
.....ugagguaguaggguuguaCag.....	3	1	c15
.....uAagguaguaggguuguauag.....	12	1	c15
.....ugaggCaguaggguuguauag.....	52	1	c15
.....ugagguaAuaggguuguauag.....	3	1	c15
.....ugGgguaguaggguuguauag.....	17	1	c15
.....ugagguaguaggguuguauUg.....	7	1	c15
.....ugagguaguaggguugGauag.....	3	1	c15
.....ugaggGaguaggguuguauag.....	79	1	c15
.....Cgagguaguaggguuguauag.....	24	1	c15
.....ugaAguaguaggguuguauag.....	2	1	c15
.....ugagUuaguaggguuguauag.....	4	1	c15
.....ugagguaguaggCuguauag.....	15	1	c15
.....ugaggAaguaggguuguauag.....	53	1	c15
.....ugagguaCuaggguuguauag.....	2	1	c15
.....ugagguagCaggguuguauag.....	7	1	c15
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.....ugagguaguagguAguauag.....	1	1	c15
.....ugagguaguaggguuguauaU.....	204	1	c15
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Mature **Star**

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.....................................................................cCguacguccuacuaacuuuccc.....................  3     1     c15
.....................................................................cuguacguccuacuaacuuCccc.....................  1     1     c15
.....................................................................cuguacguccCacuaacuuuccc.....................  2     1     c15
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.....................................................................cuguacguccuUcuaacuuuccc.....................  1     1     c15
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.....................................................................cuguacguccuacuaacuuuccuU....................  5     1     c15
.....................................................................uguacguccuacuaacuuuc........................  2     0     c15
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Mature Star

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.....gAugagguaguaggguuguauagu.....	2	1	c02
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.....gCugagguaguaggguuguauagu.....	1	1	c02
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.....ugagguaguaggguuguAau.....	1	1	c02
.....ugagguaguaggguuguaA.....	10	1	c02
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Mature Star

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.....ugagguaguagguuguGuag.....	121	1	c02
.....ugagguCguagguuguauag.....	8	1	c02
.....ugaggAaguagguuguauag.....	162	1	c02
.....ugagguaguaCguuguauag.....	131	1	c02
.....ugagguaguagguuAuauag.....	83	1	c02

Mature Star

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.....ugaCguaguaggguuguauag.....	357	1	c02
.....uAagguaguaggguuguauag.....	113	1	c02
.....ugUgguaguaggguuguauag.....	83	1	c02
.....uUagguaguaggguuguauag.....	286	1	c02
.....ugagguaguagguCguauag.....	144	1	c02
.....uCagguaguaggguuguauag.....	323	1	c02
.....ugagguaguaggguuguauaC.....	200	1	c02
.....ugagguaguUgguuguauag.....	60	1	c02
.....ugagguaguaggguuguaGag.....	67	1	c02
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.....ugagguaguaggguugCauag.....	253	1	c02
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.....ugagguaguaggguugGauag.....	75	1	c02
.....ugagguaguGgguuguauag.....	178	1	c02
.....ugGgguaguaggguuguauag.....	88	1	c02
.....ugagguaguaggguuguaCag.....	83	1	c02
.....ugagguaguaggAuguauag.....	247	1	c02
.....ugagguaUuaggguuguauag.....	125	1	c02
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.....ugagguaguaggguuguUuag.....	91	1	c02
.....Agagguaguaggguuguauag.....	1443	1	c02
.....ugagguaguaggCuguauag.....	115	1	c02
.....ugagguaguaggguugAauag.....	153	1	c02
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.....ugagguaguaggGuguauag.....	285	1	c02
.....ugCgguaguaggguuguauag.....	119	1	c02
.....ugagguUguaggguuguauag.....	43	1	c02
.....ugagguaguagCuuguauag.....	397	1	c02
.....ugagguaguCgguuguauag.....	20	1	c02
.....ugagguaguagAuuguauag.....	53	1	c02
.....ugaAguaguaggguuguauag.....	97	1	c02
.....ugagguagGaggguuguauag.....	206	1	c02
.....ugagguaAuaggguuguauagu.....	7	1	c02
.....ugagguGguaggguuguauagu.....	5	1	c02
.....ugagguaguaggguugAauagu.....	12	1	c02
.....ugagAuaguaggguuguauagu.....	6	1	c02
.....ugagguaCuaggguuguauagu.....	17	1	c02
.....ugaUguaguaggguuguauagu.....	22	1	c02
.....ugagguaguaggguuguaGagu.....	7	1	c02
.....ugagguaguUgguuguauagu.....	3	1	c02
.....Cgagguaguaggguuguauagu.....	41	1	c02
.....ugUgguaguaggguuguauagu.....	3	1	c02
.....ugagguaguagguGguauagu.....	9	1	c02
.....ugagguaguaAguuguauagu.....	5	1	c02
.....Agagguaguaggguuguauagu.....	128	1	c02
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.....ugagguaguaggguuguauagG.....	699	1	c02
.....ugagguaguaggguuguauagA.....	5109	1	c02
.....ugagguaguaggguuguaCagu.....	6	1	c02
.....ugaggGaguaggguuguauagu.....	17	1	c02
.....ugagguagCaggguuguauagu.....	13	1	c02
.....ugCgguaguaggguuguauagu.....	10	1	c02
.....ugagguaguaggguugCauagu.....	22	1	c02
.....ugagguaguagguCguauagu.....	14	1	c02
.....ugagguaguaggguuguauagu.....	36317	0	c02
.....ugagguaguagAuuguauagu.....	3	1	c02
.....ugagguaguaggguuguauUgu.....	4	1	c02
.....ugagguaguaggAuguauagu.....	19	1	c02
.....ugagguaguaggguAguauagu.....	7	1	c02
.....uUagguaguaggguuguauagu.....	23	1	c02
.....ugagguaguagguuAuauagu.....	6	1	c02
.....ugagguaguagguuUuauagu.....	14	1	c02
.....uAagguaguaggguuguauagu.....	4	1	c02
.....ugagguaguaggGuguauagu.....	23	1	c02
.....ugagguaguaggguuguauaCu.....	35	1	c02

Mature Star

gaaguaguccguauacugggugagguaguaggguuguauaguacuguauuacaacauuugggugacacuguacguccuacuaacuuuccugguuaacggacaaagcaacaa

.....ugagguaUuagguuguauagu.....	10	1	c02
.....ugagguaguagguuguCuagu.....	2	1	c02
.....ugaggCaguagguuguauagu.....	4	1	c02
.....ugagguaguaUguuguauagu.....	8	1	c02
.....ugagguUguagguuguauagu.....	4	1	c02
.....ugagguaguagguuguauGgu.....	5	1	c02
.....ugagguaguagguuguauaUu.....	28	1	c02
.....ugagguaguagguuguGuagu.....	10	1	c02
.....ugaAguaguagguuguauagu.....	7	1	c02
.....Ggagguaguagguuguauagu.....	3701	1	c02
.....ugagguaguagguuCuauagu.....	38	1	c02
.....ugagguaguagguugGauagu.....	5	1	c02
.....uCagguaguagguuguauagu.....	28	1	c02
.....ugagguaguGgguuguauagu.....	18	1	c02
.....ugagguagAagguuguauagu.....	12	1	c02
.....ugaCguaguagguuguauagu.....	29	1	c02
.....ugagguaguagguuguauagC.....	310	1	c02
.....ugGgguaguagguuguauagu.....	10	1	c02
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.....ugagguaguaggCuguauagu.....	12	1	c02
.....ugaggAaguagguuguauagu.....	16	1	c02
.....ugagUuaguagguuguauagu.....	12	1	c02
.....ugagguaguagguuguUuagu.....	5	1	c02
.....ugagguaguagguuguauaAu.....	18	1	c02
.....ugagguaguagUuuguauagu.....	16	1	c02
.....ugagguaguagguuguaAagu.....	9	1	c02
.....ugagCuaguagguuguauagu.....	40	1	c02
.....ugaUguaguagguuguauagua.....	4	1	c02
.....ugagguaguagguuguauaguG.....	74	1	c02
.....ugagguagAagguuguauagua.....	1	1	c02
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.....ugagguaguagguCguauagua.....	3	1	c02
.....ugaggAaguagguuguauagua.....	2	1	c02
.....ugagguaguagguuguauaUua.....	4	1	c02
.....ugagguaguagguugAauagua.....	3	1	c02
.....ugagguaUuagguuguauagua.....	1	1	c02
.....ugagguaguagUuuguauagua.....	1	1	c02
.....ugagguaguagguuguauagCa.....	21	1	c02
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.....ugagguaguagguuguauagAa.....	100	1	c02
.....ugagguaguagguuguauUgua.....	1	1	c02
.....ugagguaguUgguuguauagua.....	1	1	c02
.....Cgagguaguagguuguauagua.....	2	1	c02
.....ugagguaguagguuguauaguC.....	50	1	c02
.....uCagguaguagguuguauagua.....	4	1	c02
.....ugagguaguagguuguauGgua.....	2	1	c02
.....ugagguaguagguuguauagua.....	3644	0	c02
.....ugagguaguagguuguUuagua.....	1	1	c02
.....Ggagguaguagguuguauagua.....	378	1	c02
.....ugagguaguagguuCuauagua.....	2	1	c02
.....ugagguaguagguuguauaAua.....	1	1	c02
.....ugagUuaguagguuguauagua.....	1	1	c02
.....uAagguaguagguuguauagua.....	3	1	c02
.....ugagguaguagCuuguauagua.....	2	1	c02
.....ugagguaguagguugCauagua.....	1	1	c02
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.....ugaggCaguagguuguauagua.....	1	1	c02
.....ugagguaguaggGuguauagua.....	2	1	c02
.....ugagguaguagguuguaCagua.....	1	1	c02
.....ugagguaguagguuguauaguU.....	84	1	c02
.....Agagguaguagguuguauagua.....	17	1	c02
.....ugagguGguagguuguauagua.....	6	1	c02
.....ugagguaguagguuguCuagua.....	1	1	c02
.....ugagCuaguagguuguauagua.....	3	1	c02
.....ugagguaguagguuguauaCua.....	6	1	c02
.....ugagguaguagguAguauagua.....	1	1	c02
.....ugagguaguagguuguauagGa.....	39	1	c02

Mature Star

gaaguaguccguauacugggugagguaguaggguuguauaguacuguauuacaacauuugggugacacuguacguccuacuaacuuuccugguuaacggacaaagcaacaa

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.....ugaCguaguaggguuguauagua.....	4	1	c02
.....ugagguaguaggguuguauaguaA.....	230	1	c02
.....ugagguaguaggguuguauaguGc.....	9	1	c02
.....ugagguaguaggguuguauaguUc.....	5	1	c02
.....ugagguaguaggguuguauagAac.....	7	1	c02
.....ugagguaguaggguuguauagGac.....	2	1	c02
.....ugagguaguaggguuguauagCac.....	1	1	c02
.....ugagguaguaggguuguauaguCc.....	1	1	c02
.....ugagguaguaggguuguauaguaU.....	71	1	c02
.....ugagguaguaggguuguauaguaG.....	6	1	c02
.....ugagguaguaggguuguauaguac.....	15	0	c02
.....Ggagguaguaggguuguauaguac.....	2	1	c02
.....ugagguaguagguuCuauaguac.....	1	1	c02
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.....ugagguaguaggguuguauaguaUu.....	3	1	c02
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.....gagguaguaggguuguauU.....	1	1	c02
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.....gagguaguaggguuguauaA.....	2	1	c02
.....gagguaUuaggguuguauag.....	1	1	c02
.....gagguagAaggguuguauag.....	1	1	c02
.....gCgguaguaggguuguauag.....	1	1	c02
.....gagguaguaUguuguauag.....	1	1	c02
.....gagguagGaggguuguauag.....	1	1	c02
.....Cagguaguaggguuguauag.....	1	1	c02
.....gagguaguaggguuguauU.....	3	1	c02
.....gagCuaguaggguuguauag.....	1	1	c02
.....gagguaguaggguuguauag.....	427	0	c02
.....gaAguaguaggguuguauag.....	3	1	c02
.....gagguaAuaggguuguauag.....	1	1	c02
.....gagguaguagguugCauag.....	1	1	c02
.....gagguaguagguCguauag.....	1	1	c02
.....gUgguaguaggguuguauag.....	1	1	c02
.....gagguaguaggguuguauagA.....	5	1	c02
.....gagguaguaggguuguauagG.....	1	1	c02
.....Uagguaguaggguuguauagu.....	1	1	c02
.....gagguaguaggguuguauagC.....	1	1	c02
.....gagguaguaggguuguauagu.....	41	0	c02
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.....agguCguaggguuguauag.....	1	1	c02
.....agCuaguaggguuguauag.....	1	1	c02
.....agAuaguaggguuguauag.....	1	1	c02
.....Ugguaguaggguuguauag.....	3	1	c02
.....agguaguagguuguaAag.....	1	1	c02
.....aAguaguaggguuguauag.....	1	1	c02
.....agUuaguaggguuguauag.....	2	1	c02
.....agguaguagguuguauGg.....	1	1	c02
.....agguaguaggguuguauag.....	102	0	c02
.....agguaguagguCguauag.....	1	1	c02
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.....agguaguaggguuguauagu.....	11	0	c02
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Mature Star

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.....agguaguagguuguauaguacu.....	1	0	c02
.....gguaguagguuguauagA.....	4	1	c02
.....gguaguagguuguauagC.....	1	1	c02
.....gguaguagguuguauaCu.....	1	1	c02
.....gguaguaggGuguauagu.....	1	1	c02
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.....gguaguagguuguGuagu.....	1	1	c02
.....Uguaguagguuguauagua.....	1	1	c02
.....gguaguagguuguauagua.....	5	0	c02
.....gguaguagguuguauaguac.....	1	0	c02
.....gguaguagguuguauaguaA.....	1	1	c02
.....guaguagguuguauagua.....	2	0	c02
.....uaguagguuguauaguaU.....	1	1	c02
.....uaguagguuguauaguaUu.....	1	1	c02
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.....cuguauuacaacauuugggugaca.....	1	0	c02
.....cuguauuacaacauuugggugacU.....	1	1	c02
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.....cauuugggugacacuguacguccuacuaac.....	1	0	c02
.....cauuugggugacacuguacguccuacuaacuuucc.....	1	0	c02
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.....gggugacacuguacguccuacuaacuuucc.....	1	0	c02
.....acacuguacguccuacua.....	1	0	c02
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.....acacuguacguccuacuaa.....	8	0	c02
.....Ccacuguacguccuacuaa.....	9	1	c02
.....Ccacuguacguccuacuaac.....	1	1	c02
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.....Ccacuguacguccuacuaacu.....	6	1	c02
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.....Ccacuguacguccuacuaacuu.....	19	1	c02
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.....acacuguacguccuacAaacuuu.....	1	1	c02
.....acacuguacCuccuacuaacuuu.....	1	1	c02
.....acacuguacguccuaUuaacuuu.....	1	1	c02
.....acacuguacguccuCcuaacuuu.....	1	1	c02
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.....acacuguacguccuacuaacuuG.....	1	1	c02
.....aAacuguacguccuacuaacuuu.....	2	1	c02
.....acacuguacguccuacuaacuuu.....	163	0	c02
.....acacAguacguccuacuaacuuuc.....	1	1	c02
.....Ccacuguacguccuacuaacuuuc.....	10	1	c02
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.....acacuguacguccuacuaacuuucc.....	5	0	c02
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.....Ccacuguacguccuacuaacuuucc.....	1	1	c02
.....acacuguacguccuacuaacuuucU.....	1	1	c02
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.....cacuguacgucAuacuaacuuuc.....	1	1	c02
.....cacuguacguccuacuaacuuuc.....	89	0	c02
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.....cacuguCcguccuacuaacuuuc.....	1	1	c02
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.....cacuguacguccuacuaacuuucU.....	3	1	c02
.....cacuguacguccuacuaacuuucc.....	13	0	c02
.....cCcuguacguccuacuaacuuucc.....	1	1	c02

Mature Star

gaaguaguccguauacugggugagguaguagguuguauaguacuguauuacaacauuugggugacacuguacguccuacuaacuuuccugguuaacggacaaagcaacaa

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.....Ccuguacguccuacuaacuuucc.....	1	1	c02
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.....cuguacguccuacuGacu.....	1	1	c02
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.....cuguaAguccuacuaacu.....	1	1	c02
.....cuguGcguccuacuaacuu.....	1	1	c02
.....cuguacguccuacuaacuu.....	91	0	c02
.....cuAuacguccuacuaacuu.....	1	1	c02
.....cuguacguccuacuaacuuu.....	213	0	c02
.....cuguacguccuacuaacuGu.....	1	1	c02
.....cuCuacguccuacuaacuuu.....	1	1	c02
.....cuguacgucGuacuaacuuu.....	1	1	c02
.....cuguacguAcuacuaacuuu.....	1	1	c02
.....cAguacguccuacuaacuuu.....	2	1	c02
.....cuguacguccuacuaCcuuu.....	1	1	c02
.....cuAuacguccuacuaacuuuc.....	2	1	c02
.....cuCuacguccuacuaacuuuc.....	1	1	c02
.....cuguacguccuacuaacuAuc.....	1	1	c02
.....cuguCcguccuacuaacuuuc.....	1	1	c02
.....cuguacguccuGcuaacuuuc.....	1	1	c02
.....cAguacguccuacuaacuuuc.....	2	1	c02
.....cuguacgAccuacuaacuuuc.....	1	1	c02
.....cuguacguccuacuaacuuuc.....	300	0	c02
.....cuguacgucAuacuaacuuuc.....	1	1	c02
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.....cuguacguccuacuaacuuuG.....	1	1	c02
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.....cuguCcguccuacuaacuuucc.....	10	1	c02
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.....cuguacgucAuacuaacuuucc.....	8	1	c02
.....cuAuacguccuacuaacuuucc.....	3	1	c02
.....cuCuacguccuacuaacuuucc.....	12	1	c02
.....cuguacAuccuacuaacuuucc.....	1	1	c02
.....cuguacguccuacuaUcuuucc.....	1	1	c02
.....cuguacguccuacuaacuuucG.....	2	1	c02
.....cuguacguUcuacuaacuuucc.....	2	1	c02
.....cCguacguccuacuaacuuucc.....	4	1	c02
.....cuguaUguccuacuaacuuucc.....	2	1	c02
.....cuguacguccuacuaacAuucc.....	2	1	c02
.....Uuguacguccuacuaacuuucc.....	1	1	c02
.....cuguacguccuacCaacuuucc.....	1	1	c02
.....cuguacguccuacuaacCuucc.....	2	1	c02
.....cuguacgucUuacuaacuuucc.....	3	1	c02
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.....cuguacgucCAacuaacuuucc.....	2	1	c02
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.....cuguGcguccuacuaacuuucc.....	1	1	c02
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.....cuguacguccuacuaacGuucc.....	1	1	c02
.....cuguacguccuacuaacuuAcc.....	2	1	c02
.....cuguacguccuacuaacuuucA.....	22	1	c02
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.....cuguacgGccuacuaacuuucc.....	1	1	c02
.....cuguacgAccuacuaacuuucc.....	5	1	c02
.....cuguacCuccuacuaacuuucc.....	10	1	c02
.....cuguacguccuacuaacuuCcc.....	1	1	c02
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.....cuUuacguccuacuaacuuucc.....	2	1	c02
.....cuguacguccuUcuaacuuucc.....	1	1	c02
.....cuguacguccuacuaaUuuucc.....	3	1	c02
.....cuguacguccuacuaCcuuucc.....	7	1	c02

Mature Star

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gaaguaguccguauacugggugagguaguagguuguauaguacuguauuacaacauuugggugacacuguacguccuacuaacuuuccugguuaacggacaaagcaacaa
.....................................................................cugCacguccuacuaacuuucc..... 2  1  c02
.....................................................................cAguacguccuacuaacuuucc..... 3  1  c02
.....................................................................cuguacguccuCcuaacuuucc..... 1  1  c02
.....................................................................cGguacguccuacuaacuuucc..... 1  1  c02
.....................................................................cuguacguccuacuaacuuuAc..... 8  1  c02
.....................................................................cuguacguccuacuaaAuuucc..... 3  1  c02
.....................................................................Auguacguccuacuaacuuucc..... 4  1  c02
.....................................................................cuguaAguccuacuaacuuucc..... 7  1  c02
.....................................................................cuguacgucGuacuaacuuucc..... 2  1  c02
.....................................................................cuguacguccuacAaacuuucc..... 1  1  c02
.....................................................................cuguacguccuacuaacuCuccu..... 1  1  c02
.....................................................................cuguacguccGacuaacuuuccu..... 1  1  c02
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.....................................................................cuguacguccuacuaUcuuuccu..... 1  1  c02
.....................................................................cuCuacguccuacuaacuuuccu..... 2  1  c02
.....................................................................cugCacguccuacuaacuuuccu..... 1  1  c02
.....................................................................cuguacguccuacuaacuuucUu..... 1  1  c02
.....................................................................cuguacguccuacuaacuuuAcu..... 1  1  c02
.....................................................................cuguacguccuacuaacuuuccA..... 88 1  c02
.....................................................................cuguacguccuacuaacuuuccG..... 6  1  c02
.....................................................................cuguacguccuacuaacuuuccu..... 225 0  c02
.....................................................................cuguacguccuacuaacuuuccC..... 9  1  c02
.....................................................................cuguacguccuacuaacuuuccGg.... 1  1  c02
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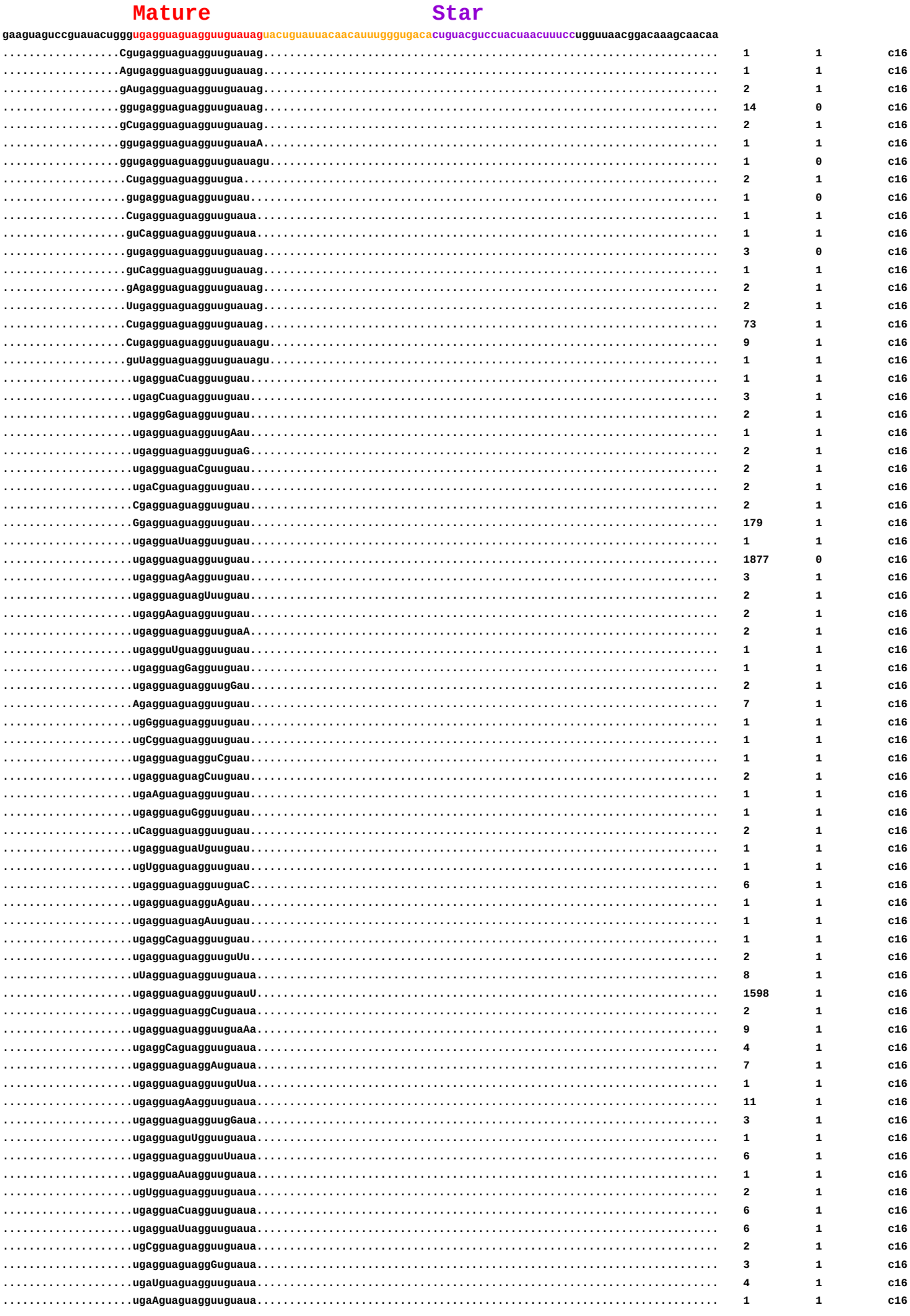
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Mature Star

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Mature Star

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Mature **Star**

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Mature Star

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Mature Star

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.....cuguacguccuacuaacuuuGc.....	1	1	c09
.....cuguacguccuacuaacuuAcc.....	1	1	c09
.....cuguacguccuacuaacuuucA.....	8	1	c09
.....cAguacguccuacuaacuuucc.....	2	1	c09
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Score total	:	4873.2
Score for star read(s)	:	3.9
Score for read counts	:	4862.8
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
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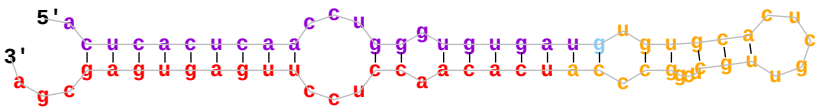
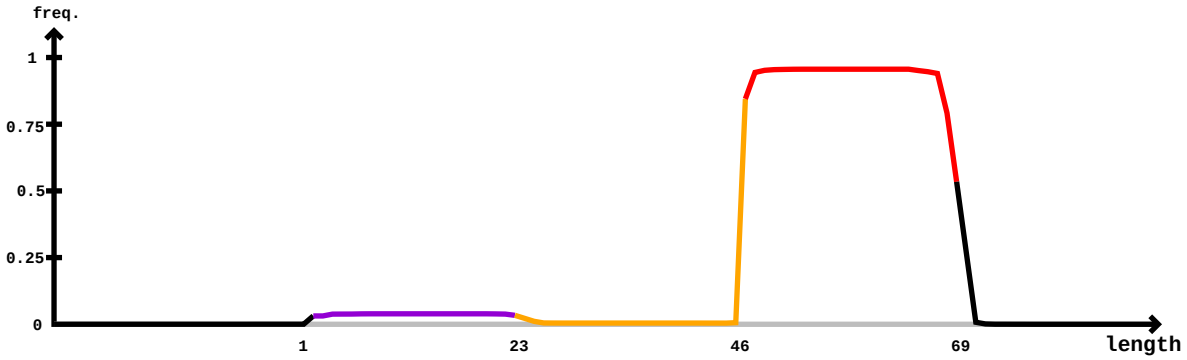
Mature read count	:	9134
Loop read count	:	43
Star read count	:	373





Star **Mature**

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    uacagcaagccucucguucccgguuacucacucaaccuggguguguaugugugcacucguugcucggcccaucacaaccuccuugagugagcgaucguggacgaaauaucuaca      exp
    .............((((((.(((((.((((((((((...((.(((((((.(((((.....)))...)).)))))))..))...)))))))))..)))))).)))))).....   reads   mm   sample
    ...................ccggGuacucacucaaccuggguguguau.....................................................................   1       1    c02
    .........................Ccucacucaaccugggugu.........................................................................   1       1    c02
    .........................acucacucaaccugggugug........................................................................   1       0    c02
    .........................Ccucacucaaccuggguguga.......................................................................   3       1    c02
    .........................acucacucaaccuggguguga.......................................................................   7       0    c02
    .........................acucacucaaccugggugugau......................................................................   50      0    c02
    .........................Ccucacucaaccugggugugau......................................................................   14      1    c02
    .........................acucacucaaccugggugugaug.....................................................................   8       0    c02
    .........................Ccucacucaaccugggugugaug.....................................................................   3       1    c02
    .........................acucacucaaccugggugugauU.....................................................................   1       1    c02
    .........................acucacucaaccugggugugaugu....................................................................   4       0    c02
    .........................acucacucaaccugggugugauguUu..................................................................   1       1    c02
    ...........................Gcacucaaccugggugugaug.....................................................................   1       1    c02
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    ....................................................................Acacaaccuccuugagugagc.......................   1       1    c02
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    ......................................................................ucacCaccuccuugagugagc.....................   1       1    c02
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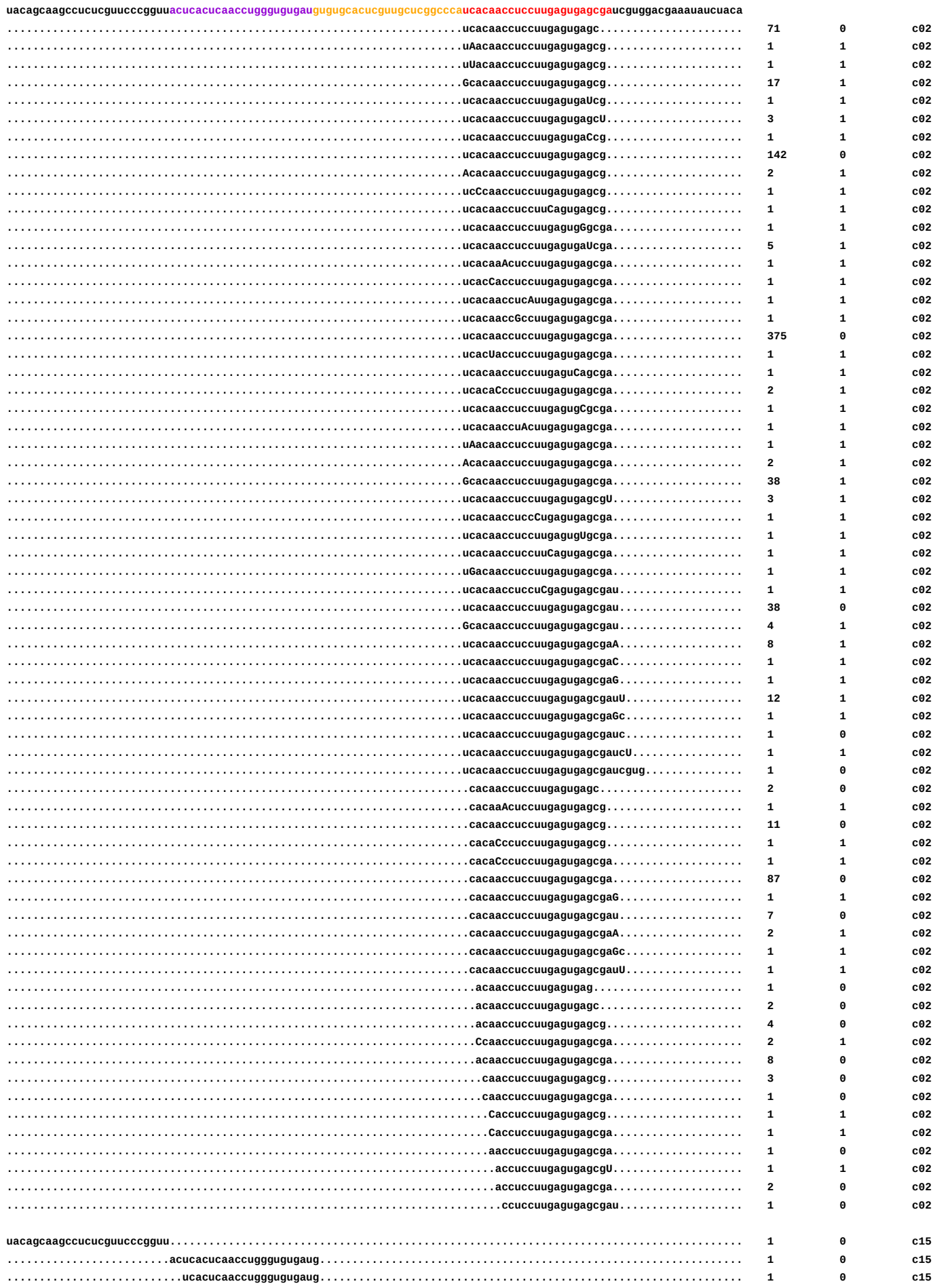
Star
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.....uUacaaccuccuugagugagcg..... 1 1 c02
.....Gcacaaccuccuugagugagcg..... 17 1 c02
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.....ucacaaccuccuugagugagcU..... 3 1 c02
.....ucacaaccuccuugagugaCcg..... 1 1 c02
.....ucacaaccuccuugagugagcg..... 142 0 c02
.....Acacaaccuccuugagugagcg..... 2 1 c02
.....ucCcaaccuccuugagugagcg..... 1 1 c02
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.....ucacaaccuccuugagugaUcga..... 5 1 c02
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.....ucacaaccucAuugagugagcga..... 1 1 c02
.....ucacaaccGcuugagugagcga..... 1 1 c02
.....ucacaaccuccuugagugagcga..... 375 0 c02
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Star Mature

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Star Mature

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.....Ggugcacucguugcucggccca.....	1	1	c16
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.....cUucacaaccuccuugagugagcga.....	1	1	c16
.....aucacaaccuccuugagugagcg.....	9	0	c16
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.....aucacaaccuccuugagugagcga.....	2	0	c16
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.....ucacCaccuccuugagug.....	1	1	c16
.....ucacaaccuccuugagug.....	15	0	c16
.....Gcacaaccuccuugagug.....	1	1	c16
.....Gcacaaccuccuugaguga.....	1	1	c16
.....ucacaaccuccuugaguga.....	28	0	c16
.....ucacaaccuAcuugagugag.....	1	1	c16
.....ucacaaccuccuugagugaU.....	1	1	c16
.....ucacaaccuccuugagugag.....	34	0	c16
.....ucaUaaccuccuugagugag.....	1	1	c16
.....Gcacaaccuccuugagugag.....	2	1	c16
.....ucacaaccuccuugagAgag.....	1	1	c16
.....ucacaaccuccuugaCugagc.....	2	1	c16
.....ucacCaccuccuugagugagc.....	3	1	c16
.....ucacaaccuAcuugagugagc.....	1	1	c16
.....ucacaaccuccuugagAgagc.....	1	1	c16
.....Gcacaaccuccuugagugagc.....	37	1	c16
.....ucacaaccuccuugagugagc.....	331	0	c16
.....ucCcaaccuccuugagugagc.....	2	1	c16
.....ucacaaccuccuugagugagA.....	2	1	c16
.....ucacaaccuccuugagugCgc.....	1	1	c16
.....ucacaacAuccuugagugagc.....	3	1	c16
.....ucacaaccuccuugGugagc.....	1	1	c16
.....ucacaaUcuccuugagugagc.....	1	1	c16
.....uUacaaccuccuugagugagc.....	2	1	c16
.....ucacaaccuccuugaguCagc.....	2	1	c16
.....Acacaaccuccuugagugagc.....	1	1	c16
.....ucacaaccuccuCgagugagcg.....	1	1	c16
.....Acacaaccuccuugagugagcg.....	8	1	c16
.....ucacaaccuccuuCagugagcg.....	2	1	c16
.....ucacaaccuAcuugagugagcg.....	2	1	c16
.....ucacaaccuccuuUagugagcg.....	1	1	c16
.....ucacaaccuccGugagugagcg.....	1	1	c16
.....ucacaaAcuccuugagugagcg.....	3	1	c16
.....Ccacaaccuccuugagugagcg.....	2	1	c16
.....Gcacaaccuccuugagugagcg.....	143	1	c16
.....ucacaacAuccuugagugagcg.....	2	1	c16
.....ucacaaccuccuugagugagcA.....	1	1	c16
.....ucacaaccuccuugagAgagcg.....	1	1	c16
.....ucacaaccuccuugagugagcg.....	1451	0	c16
.....ucacaaccuccuugaguCagcg.....	1	1	c16
.....ucacaaccuccuugagugaCcg.....	2	1	c16
.....uGacaaccuccuugagugagcg.....	1	1	c16
.....ucacaaccuUcuugagugagcg.....	1	1	c16
.....ucacaaccuccuugagugaUcg.....	3	1	c16
.....ucacaaccuccuugagCgagcg.....	1	1	c16
.....ucacaaccuccuugagugagcU.....	18	1	c16
.....ucacaCccuccuugagugagcg.....	6	1	c16
.....ucacaaccuccuugaguUagcg.....	4	1	c16
.....ucGcaaccuccuugagugagcg.....	1	1	c16

Star Mature

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.....ucUcaaccuccuugagugagcg.....	1	1	c16
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.....ucacCaccuccuugagugagcg.....	14	1	c16
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.....ucacaaccuccuugaUugagcg.....	1	1	c16
.....ucCcaaccuccuugagugagcg.....	5	1	c16
.....ucacaaccuccAugagugagcg.....	1	1	c16
.....ucacaaccuccuugagugagUg.....	1	1	c16
.....ucacaaccuccuAgagugagcg.....	2	1	c16
.....ucacaaccuccuugagugagcC.....	1	1	c16
.....ucacaaccuccuugagugGgcg.....	1	1	c16
.....ucaAaaccuccuugagugagcg.....	3	1	c16
.....ucacUaccuccuugagugagcga.....	1	1	c16
.....ucacaCccuccuugagugagcga.....	11	1	c16
.....uAacaaccuccuugagugagcga.....	1	1	c16
.....ucacaaUcuccuugagugagcga.....	1	1	c16
.....ucacaaccuccuugagAgagcga.....	1	1	c16
.....ucacaaccuccuuCagugagcga.....	4	1	c16
.....ucacaaccuccuugagugagcgU.....	14	1	c16
.....ucacaaccuccuugaUugagcga.....	2	1	c16
.....Acacaaccuccuugagugagcga.....	11	1	c16
.....ucacaaccuccAugagugagcga.....	2	1	c16
.....ucacaaccuccuugagugagAga.....	7	1	c16
.....Ccacaaccuccuugagugagcga.....	1	1	c16
.....ucacaaccuccuAgagugagcga.....	1	1	c16
.....ucCcaaccuccuugagugagcga.....	1	1	c16
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.....ucacaacAuccuugagugagcga.....	4	1	c16
.....ucacaaccuccuuUagugagcga.....	2	1	c16
.....ucacaaccuccuugagugaCcga.....	3	1	c16
.....ucacaaccuccuugagugagUga.....	1	1	c16
.....ucacaaccuccuugaCugagcga.....	3	1	c16
.....ucacaaccucAuugagugagcga.....	3	1	c16
.....ucacaaccuccuugagugagcUa.....	4	1	c16
.....ucacaaccuccuugagugagGga.....	1	1	c16
.....ucacaaccuccuugagugagcCa.....	1	1	c16
.....ucacaaccuUcuugagugagcga.....	1	1	c16
.....ucacaaccuccGugagugagcga.....	2	1	c16
.....ucacGaccuccuugagugagcga.....	1	1	c16
.....ucacaaccuccuugagugagcga.....	2246	0	c16
.....ucacaaAcuccuugagugagcga.....	4	1	c16
.....ucacaacUuccuugagugagcga.....	2	1	c16
.....ucacaaccuGcuugagugagcga.....	2	1	c16
.....ucacaaccuccuugagugaUcga.....	4	1	c16
.....ucacaaccuccuugagugagcAa.....	1	1	c16
.....ucacaaccuAcuugagugagcga.....	3	1	c16
.....ucacaaccuccuugaguUagcga.....	3	1	c16
.....ucacaaccuccuugagugagcgC.....	2	1	c16
.....ucaAaaccuccuugagugagcga.....	3	1	c16
.....ucacaaccuccuugagugCgcga.....	3	1	c16
.....ucacaaccucUuugagugagcga.....	1	1	c16
.....ucacaaccucGuugagugagcga.....	1	1	c16
.....Gcacaaccuccuugagugagcga.....	207	1	c16
.....ucacaaccuccuugagugagcgG.....	1	1	c16
.....ucacCaccuccuugagugagcga.....	10	1	c16
.....ucacaaccuccuugagugGgcgau.....	1	1	c16
.....ucacaaccuccuugagugagcgGu.....	1	1	c16
.....Acacaaccuccuugagugagcgau.....	1	1	c16
.....Gcacaaccuccuugagugagcgau.....	16	1	c16
.....ucacaaccuccuugagugagcgau.....	105	0	c16
.....ucacaaccuccuugagugagcgaA.....	43	1	c16
.....ucacaaccuccuugagugagcgaG.....	7	1	c16
.....ucacaaccuccuugaCugagcgau.....	1	1	c16
.....ucacaaccuccuugagugagcgCu.....	1	1	c16
.....ucacaaccuccuugagugagcgaC.....	6	1	c16
.....ucacaaccuccuugagugagcgaGc.....	1	1	c16
.....ucacaaccuccuugagugagcgauU.....	17	1	c16
.....ucacaaccuccuugagugagAgauc.....	1	1	c16
.....ucacaaccuccuugagugagcgauG.....	1	1	c16

Star Mature

uacagcaagccucucguucccgguuacucacucaaccugggugugaugugugcacucguugcucggcccaucacaaccuccuugagugagcgaucguggacgaaauaucuaca

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.....ucacaaccuccuugagugagcgaCc.....	1	1	c16
.....ucacaaccuccuugagugagcgaAc.....	1	1	c16
.....Gcacaaccuccuugagugagcgauc.....	1	1	c16
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.....ucacaaccuccuugagugagcgaucU.....	1	1	c16
.....ucacaaccuccuugagugagcgaucgugga.....	1	0	c16
.....cacaaccuccuugagugag.....	1	0	c16
.....cacaaccuccuugagugagc.....	6	0	c16
.....cacaaccuccuugagugagcU.....	2	1	c16
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.....cacaCccuccuugagugagcg.....	1	1	c16
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.....cacaCccuccuugagugagcga.....	2	1	c16
.....cacaaccuccuuCagugagcga.....	1	1	c16
.....cacaaAcuccuugagugagcga.....	1	1	c16
.....cacaaccuccuugagugagcUa.....	2	1	c16
.....cCcaaccuccuugagugagcga.....	1	1	c16
.....caAaaccuccuugagugagcga.....	1	1	c16
.....cacaaccuccuugaCugagcga.....	1	1	c16
.....cacaaccuccuuUagugagcga.....	1	1	c16
.....cacaaccuccuugagugagcgC.....	1	1	c16
.....cacaaccuccuugagugaUcga.....	1	1	c16
.....cacaaccuccuugagugGgcga.....	1	1	c16
.....cacaacAuccuugagugagcga.....	1	1	c16
.....cacaaccuccuugagugagcAa.....	1	1	c16
.....cacaaccuccuugagugagcgaA.....	6	1	c16
.....cacaaccuccuugagugagcgau.....	5	0	c16
.....cacaaccuccuugagugagcgaC.....	1	1	c16
.....cacaaccucAuugagugagcgau.....	1	1	c16
.....cacaaccuccuugagugagcgauA.....	1	1	c16
.....cacaaccuccuugagugagcgaucU.....	4	1	c16
.....Ccaaccuccuugagugagcg.....	1	1	c16
.....acaaccuccuugagugagcg.....	9	0	c16
.....acaaccuccuugagugagcga.....	31	0	c16
.....Ccaaccuccuugagugagcga.....	8	1	c16
.....caaccuccuugagugagc.....	2	0	c16
.....caaccuccuugagugagcU.....	1	1	c16
.....caaccuccuugagugagcg.....	2	0	c16
.....caaccuccuugagugagcgC.....	1	1	c16
.....caaccuccuugagugagcga.....	5	0	c16
.....Caccuccuugagugagcga.....	1	1	c16
.....aaccuccuugagugagcga.....	2	0	c16
.....accuccuugagugagcgU.....	1	1	c16
.....accuccuugagugagcga.....	1	0	c16
.....Cccuccuugagugagcga.....	1	1	c16
.....ccuccuugagugagcgau.....	1	0	c16

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.....ugugcacucguugcucggccca.....	2	0	c04
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.....uUacaaccuccuugagugagcg.....	1	1	c04
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.....ucUcaaccuccuugagugagcga.....	1	1	c04
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Star Mature

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.....ucacaaccuccuugagugagcgG.....	1	1	c04
.....ucacaaccuccuugagugagcgau.....	1	0	c04
.....ucacaaccuccuugagugagcgaC.....	1	1	c04
.....ucacaaccuccuugagugagcgaA.....	3	1	c04
.....ucacaaccuccuugagugagcgaGc.....	1	1	c04
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.....aaAcuccuugagugagcga.....	1	1	c04
.....acucacucaaccugggugug.....	1	0	c09
.....acucacucaaccuggguguC.....	1	1	c09
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.....Ccucacucaaccugggugugaug.....	1	1	c09
.....acucacucaaccugggugugauU.....	1	1	c09
.....acucacucaaccugggugugaug.....	6	0	c09
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.....Gcacucaaccugggugugaugu.....	1	1	c09
.....ucacucaaccugggugugauguA.....	1	1	c09
.....cucaaccugggugugaug.....	3	0	c09
.....cucaaccugggugugaugu.....	1	0	c09
.....ucaaccugggugugaugu.....	1	0	c09
.....ugugcacucguugcucggccc.....	2	0	c09
.....ugugcacucguugcucggccca.....	4	0	c09
.....caucacaaccuccuugaguga.....	1	0	c09
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.....Gucacaaccuccuugagugagcga.....	1	1	c09
.....aucacaaccuccuugagugagcga.....	1	0	c09
.....Gcacaaccuccuugagug.....	1	1	c09
.....ucacaaccuccuugagug.....	18	0	c09
.....ucacaaccuccuugaguga.....	7	0	c09
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.....ucacaaccuccuugagugag.....	3	0	c09
.....ucacaaccuccuugagugaC.....	1	1	c09
.....Gcacaaccuccuugagugagc.....	1	1	c09
.....ucacaaccucUuugagugagc.....	1	1	c09
.....uUacaaccuccuugagugagc.....	2	1	c09
.....ucacaaccucAuugagugagc.....	1	1	c09
.....ucacaaccuccuugagugagc.....	132	0	c09
.....ucacCaccuccuugagugagc.....	1	1	c09
.....ucacaCccuccuugagugagc.....	2	1	c09
.....ucacaaccuccuugagugagA.....	1	1	c09
.....ucacaaAcuccuugagugagcg.....	1	1	c09
.....ucaUaaccuccuugagugagcg.....	2	1	c09
.....ucacaaccuccuugGugagcg.....	1	1	c09
.....Gcacaaccuccuugagugagcg.....	18	1	c09
.....ucacaaccuccuugaCugagcg.....	1	1	c09
.....Acacaaccuccuugagugagcg.....	2	1	c09
.....ucacaaccuccuugagugagcA.....	1	1	c09
.....ucacaaccAccuugagugagcg.....	1	1	c09
.....ucCcaaccuccuugagugagcg.....	1	1	c09
.....ucacaaccuccuugagugagcU.....	6	1	c09
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.....ucacaaccuccuugaguUagcg.....	2	1	c09
.....ucacaaccuccuugagugagAg.....	2	1	c09
.....ucacaaccuccuAgagugagcga.....	1	1	c09
.....ucGcaaccuccuugagugagcga.....	2	1	c09
.....ucacaaccuccuugagugagcga.....	506	0	c09
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.....ucacaaccuccuugagugUgcga.....	1	1	c09

Star Mature

uacagcaagccucucguucccgguuacucacucaaccugggugugaugugugcacucguugcucggcccaucacaaccuccuugagugagcgaucguggacgaaauaucuaca

.....ucacaaccuccuugagAgagcga.....	1	1	c09
.....ucacaaccuccuugagugagAga.....	1	1	c09
.....ucacaCccuccuugagugagcga.....	1	1	c09
.....ucacGaccuccuugagugagcga.....	1	1	c09
.....ucacaaccuccuugagugaCcga.....	1	1	c09
.....ucacaaccuccuugaCugagcga.....	1	1	c09
.....ucacaaccuccuugagugagcgU.....	7	1	c09
.....ucacaaUcuccuugagugagcga.....	1	1	c09
.....Acacaaccuccuugagugagcga.....	4	1	c09
.....ucacaaccucAuugagugagcga.....	1	1	c09
.....ucacCaccuccuugagugagcga.....	1	1	c09
.....ucacaaccuccuGgagugagcga.....	1	1	c09
.....ucacaaccuccuugagugagcgG.....	1	1	c09
.....Gcacaaccuccuugagugagcga.....	45	1	c09
.....ucacaaccuccuugagugagcgaG.....	3	1	c09
.....ucacaaccuccuugagugagcgaC.....	1	1	c09
.....ucacaaccuccuugagugaCcgau.....	1	1	c09
.....Gcacaaccuccuugagugagcgau.....	4	1	c09
.....ucacaaccuccuugagugagcgaA.....	8	1	c09
.....ucacaaccuccuugagugagcgau.....	34	0	c09
.....ucacaaccuccuugagugagcgauA.....	2	1	c09
.....ucacaaccuccuugagugagcgaGc.....	1	1	c09
.....ucacaaccuccuugagugagcgauc.....	2	0	c09
.....ucacaaccuccuugagugagcgauU.....	8	1	c09
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.....Uacaaccuccuugagugagcga.....	1	1	c09
.....cacaaccuccuugaguCagcga.....	1	1	c09
.....cacaaccuccuugagugagAga.....	2	1	c09
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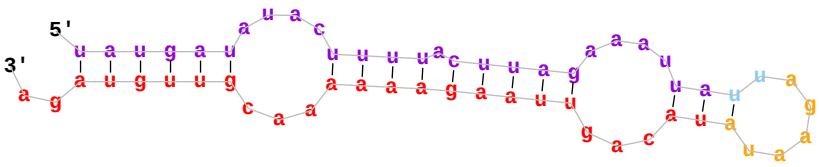
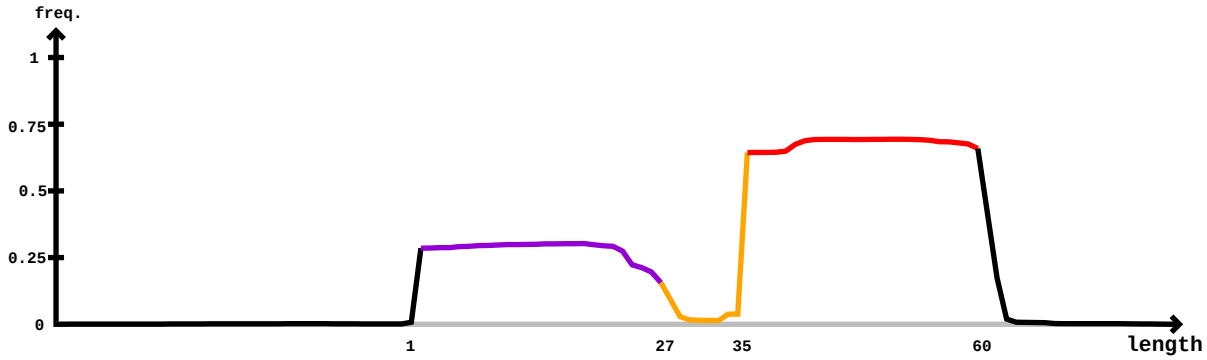
.....acaaccuccuugagugagcg.....	1	0	c09
.....Ccaaccuccuugagugagcga.....	1	1	c09
.....acaaccuccuugagugagcga.....	7	0	c09
.....caaccuccuugagugagcg.....	3	0	c09
.....caaccuccuugagugagcga.....	5	0	c09
.....Caccuccuugagugagcg.....	1	1	c09

Provisional ID	:	group11_16141
Score total	:	898.1
Score for star read(s)	:	3.9
Score for read counts	:	912.2
Score for mfe	:	-15.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	1801
Mature read count	:	1251
Loop read count	:	0
Star read count	:	550





Star **Mature**

```
5'- aacacuaacaugugucgaacaauacgccuuauucaauaugauauacuuuuacuuagaaauuauuagaauauacaguuaagaaaaaacguuguagagaugcgcgugcgccauguug -3'   obs
    aacacuaacaugugucgaacaauacgccuuauucaauaugauauacuuuuacuuagaaauuauuagaauauacaguuaagaaaaaacguuguagagaugcgcgugcgccauguug       exp
    .....(((((((.(.((.....(((((.....((..(((((((....((((.(((((....(((......)))...))))))))...)))))))..))...)))))))))))))))   reads     mm      sample
    ..................................Gaugauauacuuuuacuua.....................................................................   1         1       c02
    ..................................uaugauauacuuuuacuuagaaau................................................................   1         0       c02
    ..................................uaugauauacuuuuacuuagaaaC................................................................   1         1       c02
    ..................................uaugauauacuuuuacuuagaaauua..............................................................   4         0       c02
    ..................................Aaugauauacuuuuacuuagaaauua..............................................................   1         1       c02
    ....................................ugauauacuuuuacuuaga...................................................................   1         0       c02
    ......................................auauacuuuuacuuagaa....................................................................   1         0       c02
    ............................................cuuagaaauuauuagaauau...........................................................   1         0       c02
    ..................................................................Gacaguuaagaaaaaacguuguagagau..............................   1         1       c02
    ....................................................................uaagaaaaaacguuguagag...................................   2         0       c02

    ..............ucgaacaauacgccuuauucaauaug.....................................................................................   1         0       c15
    ..........................................uacuuuuacuuagaaauuauuagaaCa...........................................................   1         1       c15
    ..............................................uagaaauuauuagaauauacaguuaaga.....................................................   1         0       c15
    ..................................................uauuagaauauacaguuaagaaaaac...................................................   1         0       c15

    ..................................uaugauauacuuuuacuuagaa..................................................................   2         0       c09
    ..................................uaugauauacuuuuacuuagaaau................................................................   1         0       c09
    ....................................................................uaagaaaaaacguuguagagaugcgc.............................   1         0       c09

    aacacuaacaugugucgaaUaauacgc.............................................................................................   1         1       c16
    ..........ugugucgaaUaauacgccuu..........................................................................................   1         1       c16
    ......................uacgccuuauucaauaugauauacuuu........................................................................   1         0       c16
    ..................................auaugauauacuuuuacuuaga.................................................................   1         0       c16
    ..................................auaugauauacuuuuacuuagaa................................................................   1         0       c16
    ..................................auaugauauacuuuuacuuagaaauu.............................................................   2         0       c16
    ..................................uaugauauacuuuuacuu......................................................................   1         0       c16
    ..................................uaugauauacuuuuacuua.....................................................................   1         0       c16
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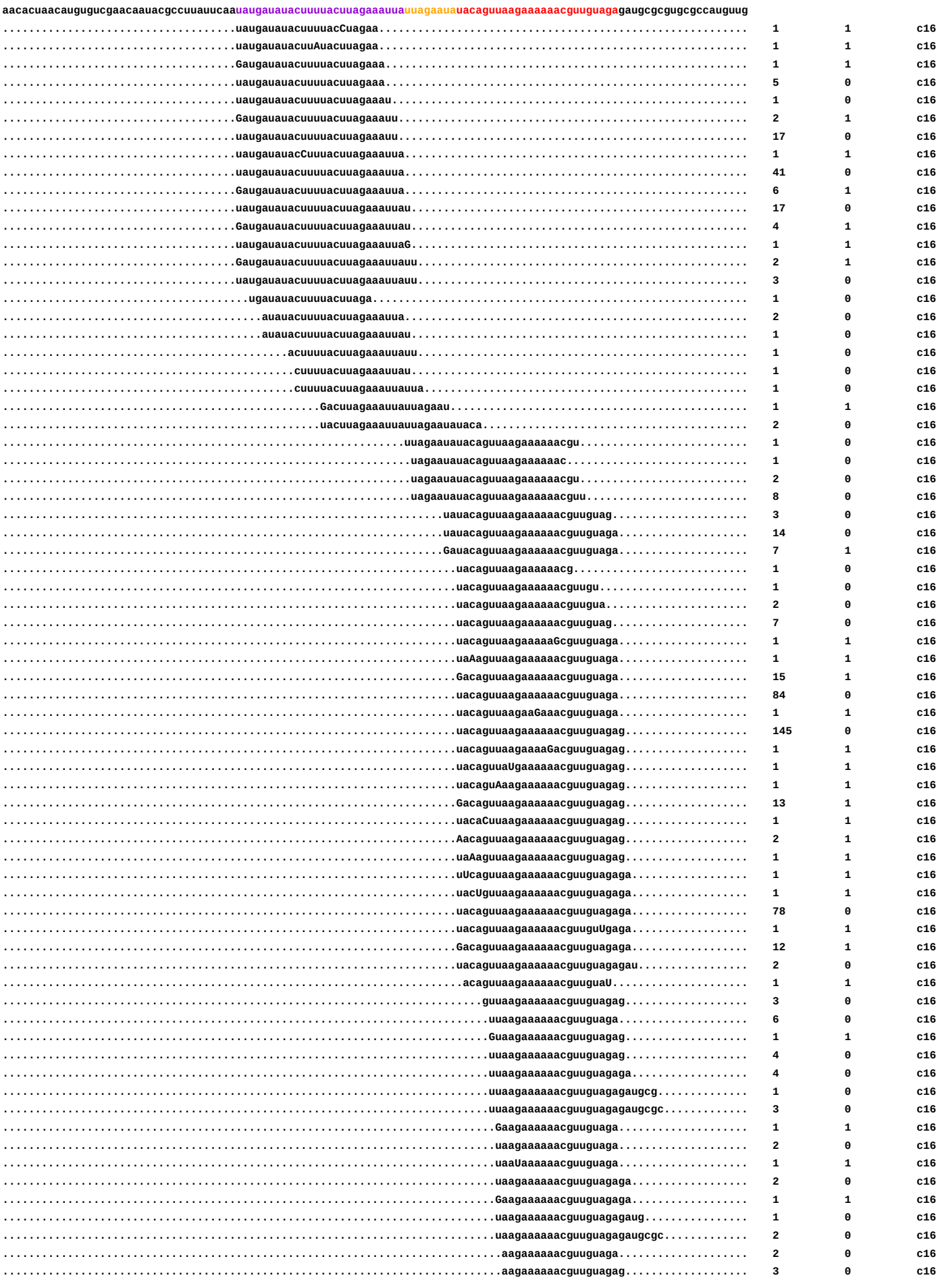
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Gaagaaaaacguuguaga 1 1 c16
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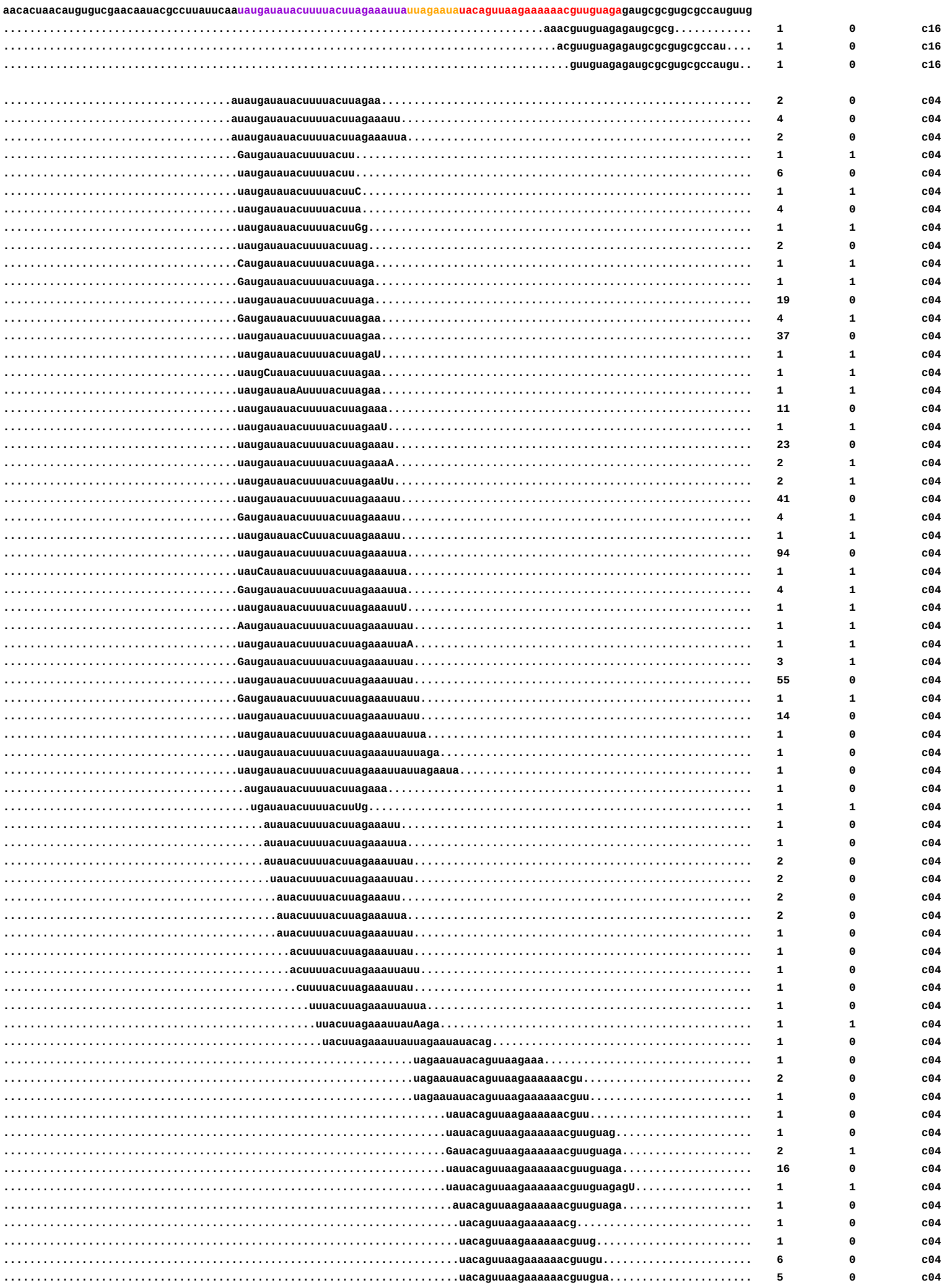
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.....guuguagagaugcgcgugcgccaugu.. 1 0 c16
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Star Mature

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Score for read counts	:	12518.4
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
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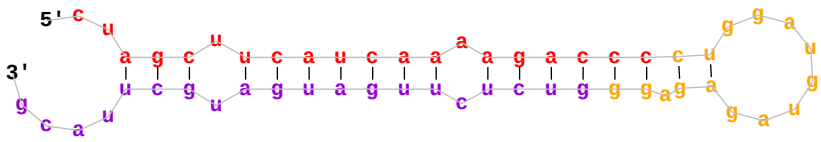

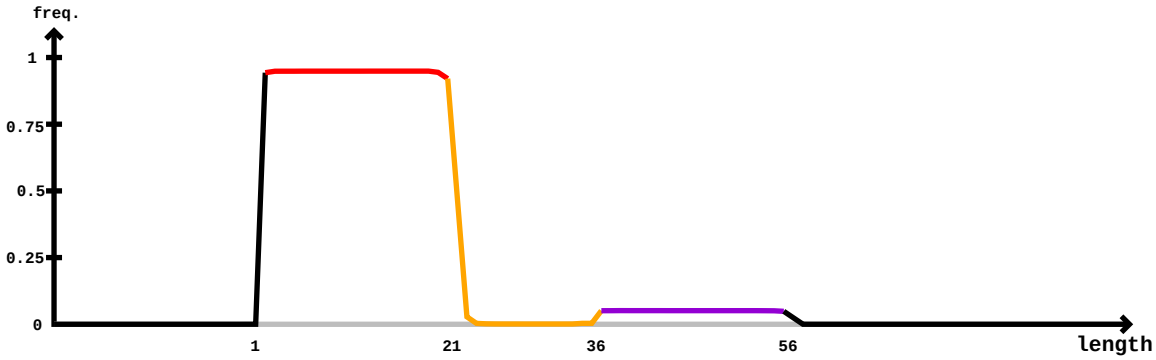

Mature **Star**

```
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    gauuucugaccccuguuucgcuagcuucaucaaaagacccCUGGAUGUAGAGAGGGUCUCUUGAUGAUGCUUACGaaaaaucggucguugcgucguugagaagaagccaa       exp
    ......(((((....(((((..(((.(((((((.(((((((.........)).)))))))..)))))))..)))..)))))....)))))..((.((........)).))...
```

	reads	mm	sample
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.....cuagcuucaucaaGagac.....	3	1	c09
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.....cuagcuucaucaaGagaccc.....	18	1	c09
.....cuagcuuUaucaaaagaccc.....	1	1	c09
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Mature Star

```
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```

Mature Star

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.....cuUgcuucaucaaaagaccc.....	1	1	c16
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.....cuagcuucaucaaaagacccU.....	618	1	c16
.....cuagcuucaucaaaagaAccc.....	3	1	c16
.....cuagcuucauUaaaagacccc.....	1	1	c16
.....cuagcuucaucaaGagacccc.....	242	1	c16
.....cuagcAucaucaaaagacccc.....	1	1	c16
.....cuagAuucaucaaaagacccc.....	1	1	c16
.....cuagcuucaucaaaGgacccc.....	91	1	c16
.....cuagcuucCucaaaagacccc.....	1	1	c16
.....cuaUcuucaucaaaagacccc.....	1	1	c16
.....cuagcuucaucGaaagacccc.....	20	1	c16
.....cuagcuucaucaaaagaccccG.....	5	1	c16
.....cuagcuucaucaaaGgaccccu.....	14	1	c16
.....cuagcuucaucaaaagacAccu.....	1	1	c16
.....cuagcuucaucaaaagacccAu.....	8	1	c16
.....cuagcCucaucaaaagaccccu.....	1	1	c16
.....cuagcuuAaucaaaagaccccu.....	1	1	c16
.....cuGgcuucaucaaaagaccccu.....	2	1	c16
.....cuagcuucaucaaaagaccccA.....	4	1	c16
.....cuagcuucaucGaaagaccccu.....	5	1	c16
.....cuaCcuucaucaaaagaccccu.....	2	1	c16
.....cuagcuucaucaaaagacccUu.....	43	1	c16
.....cuagcuucaucaaaagaccccC.....	4	1	c16
.....cuagcuucaucaaaagCccccu.....	1	1	c16
.....cuagcuucCucaaaagaccccu.....	1	1	c16
.....cuagcuucaucaaUagaccccu.....	1	1	c16
.....cuagcuucaucaaaagacccGu.....	1	1	c16
.....cuagcuucauAaaaagaccccu.....	1	1	c16
.....cuagcuucaucaaGagaccccu.....	100	1	c16
.....cuagcuucaucaaCagaccccu.....	1	1	c16
.....cuagcuucaucaaaagaccccu.....	271	0	c16

Mature Star

```
gauuucugacccuguuucgcuagcuucaucaaaagacccuggauguagagagggucucuugaugaugcuuacgaaaaaucggucguugcgucguugagaagaagccaa
.....cuagcuucaucaaaagacccUug..... 1 1 c16
.....cuagcuucaucaaaagaccccug..... 7 0 c16
.....cuagcuucaucaaaagaccccuU..... 21 1 c16
.....cuagcuucaucaaGagaccccug..... 3 1 c16
.....cuagcuucaucaaaagaccccuC..... 1 1 c16
.....cuagcuucaucaaaagaccccuA..... 1 1 c16
.....cuagcuucaucaaaagaccccugU..... 4 1 c16
.....cuagcuucaucaaaagaccccGgg..... 1 1 c16
.....cuagcuucaucaaGagaccccugg..... 6 1 c16
.....cuagcuucaucaaGagaccccugga..... 1 1 c16
.....cuagcuucaucaaaagaccccuggau..... 1 0 c16
.....cuagcuucaucaaGagaccccuggau..... 1 1 c16
.....cuagcuucaucaaGagaccccuggauguaga..... 1 1 c16
.....cuagcuucaucaaGagaccccuggauguagag..... 1 1 c16
.....cuagcuucaucaaGagaccccuggauguagaga..... 1 1 c16
.....cuagcuucaucaaaagaccccuggauguagaga..... 3 0 c16
.....cuagcuucaucaaaGgaccccuggauguagaga..... 1 1 c16
.....cuagcuucaucaaGagaccccuggauguagagag..... 1 1 c16
.....cuagcuucaucaaaagaccccuggauguagagag..... 1 0 c16
.....cuagcuucaucaaaagaccccuggauguagagagg..... 1 0 c16
.....cuagcuucaucaaaagaccccuggauguagagagggucucu..... 1 0 c16
.....cuagcuucaucaaGagaccccuggauguagagagggucucuu..... 1 1 c16
.....uagcuucaucaaaagacc..... 1 0 c16
.....uagcuucaucaaaagaccU..... 1 1 c16
.....uagcuucaucaaaagaccc..... 55 0 c16
.....uagcuucaucaaaGgaccc..... 5 1 c16
.....uagGuucaucaaaagaccc..... 1 1 c16
.....uagcuucaucaaGagaccc..... 24 1 c16
.....uagcuucaucGaaagaccc..... 1 1 c16
.....Gagcuucaucaaaagaccc..... 9 1 c16
.....uagcuucaucaaaGgacccc..... 1 1 c16
.....uagcuucaucaaaagacccU..... 3 1 c16
.....Gagcuucaucaaaagacccc..... 1 1 c16
.....uagcuucaucaaaagacccc..... 5 0 c16
.....uagcuucaucaaaagCccccu..... 1 1 c16
.....uagcuucaucaaGagaccccu..... 1 1 c16
.....uagcuucaucaaaagaccccu..... 2 0 c16
.....uagcuucaucaaaagaccccuggauU..... 1 1 c16
.....uagcuucaucaaGagaccccuggauguagagagggucucu..... 1 1 c16
.....Ugcuucaucaaaagaccc..... 1 1 c16
.....agcuucaucaaaagaccc..... 1 0 c16
.....cuucaucaaaagaccccu..... 1 0 c16
.....uucaucaaGagaccccuggauguagagaggguc..... 1 1 c16
.....aaaagaccccuggauguagagag..... 1 0 c16
.....cuggauguagagagggucucuugaugaugcuuacU..... 1 1 c16
.....cuggauguagagagggucucuugaugaugcuuacg..... 4 0 c16
.....uggauguagagagggucucuugaugaugcuuacg..... 1 0 c16
.....aAggucucuugaugaugcuuacg..... 1 1 c16
.....agggucucuugaugaugcuuacg..... 1 0 c16
.....Ugggucucuugaugaugcuuacg..... 1 1 c16
.....aggguUucuugaugaugcuuacg..... 1 1 c16
.....gggucucuugaugaugcu..... 1 0 c16
.....gggucucuugaugaugcuu..... 3 0 c16
.....gggucucuugaugaugcuuU..... 1 1 c16
.....gggucucuugaugaugcuua..... 1 0 c16
.....gggucucuugaugaugcuuac..... 7 0 c16
.....gggucucuugaugaugcuuacg..... 40 0 c16
.....gggucucuugaugaugcuuacU..... 2 1 c16
.....Cggucucuugaugaugcuuacg..... 1 1 c16
.....ggucucuugaugaugcuuac..... 1 0 c16
.....ggucucuugaugaugcuuacg..... 2 0 c16
.....gucucuugaugaugcuua..... 2 0 c16
.....gucucuugaugauCcuuac..... 1 1 c16
.....gucucuAgaugaugcuuac..... 1 1 c16
.....gucucuugaugaugcuuac..... 34 0 c16
.....gucucuugaugaugUuuacg..... 1 1 c16
.....gucuAuugaugaugcuuacg..... 1 1 c16
.....gucucuugaugaugcuuacg..... 758 0 c16
.....gucucuugaugaCgcuuacg..... 1 1 c16
.....gucucuugGugaugcuuacg..... 1 1 c16
```

Mature Star

```
gauuucugaccccuguuucgcuagcuucaucaaaagacccuggauguagagagggucucuugaugaugcuuacgaaaaaucggucguugcgucguugagaagaagccaa
.....................................................gucucuugaugaugcuuacU.....................................  23  1  c16
.....................................................gucucuugaugaugcuAacg.....................................  2  1  c16
.....................................................gucucuugaugauUcuuacg.....................................  1  1  c16
.....................................................gucucuugaugaugcuuGcg.....................................  2  1  c16
.....................................................gucucuugaugaugcuuacC.....................................  1  1  c16
.....................................................gucucuugaugaugAuuacg.....................................  4  1  c16
.....................................................gucucuugaugaugcuuaUg.....................................  2  1  c16
.....................................................gGcucuugaugaugcuuacg.....................................  2  1  c16
.....................................................gucCcuugaugaugcuuacg.....................................  1  1  c16
.....................................................gucucuugaugCugcuuacg.....................................  1  1  c16
.....................................................gucucuugaugauCcuuacg.....................................  2  1  c16
.....................................................Cucucuugaugaugcuuacg.....................................  10  1  c16
.....................................................gucucuugaugaAgcuuacg.....................................  1  1  c16
.....................................................gucucuugaugaugcCuacg.....................................  1  1  c16
.....................................................gAcucuugaugaugcuuacg.....................................  2  1  c16
.....................................................Aucucuugaugaugcuuacg.....................................  1  1  c16
.....................................................gucucuugCugaugcuuacg.....................................  1  1  c16
.....................................................guAucuugaugaugcuuacg.....................................  1  1  c16
.....................................................Uucucuugaugaugcuuacg.....................................  5  1  c16
.....................................................gucucuugaugauAcuuacg.....................................  1  1  c16
.....................................................gucucuugaugaugcuuacgG....................................  3  1  c16
.....................................................gucucuugaugaugcuuacgU....................................  27  1  c16
.....................................................gucucuugaugaugcuuacga....................................  3  0  c16
.....................................................gucucuugaugaugcuuacgUa...................................  1  1  c16
.....................................................gucucuugaugaugcuuacgaa...................................  1  0  c16
.....................................................ucucuugaugaugcuuacg.....................................  1  0  c16
.....................................................Acucuugaugaugcuuacg.....................................  1  1  c16
.....................................................cucuugaugaugcuuacg......................................  4  0  c16
.....................................................cucuugaugaugcuuacgU.....................................  1  1  c16

...................cuagcuucaucaaaagacc.....................................................................  2  0  c04
...................cuagcuucaucaaGagaccc....................................................................  5  1  c04
...................cuagcuucaucaaaagacccc...................................................................  1  0  c04
...................cuagcuucaucaaaagacccU...................................................................  1  1  c04
...................cuagcuucaucaaGagaccccc..................................................................  1  1  c04
...................cuagcuucaucaaaagacccUu..................................................................  2  1  c04
...................cuagcuucGucaaaagaccccu...................................................................  1  1  c04
...................cuagcuucaucaaGagaccccu...................................................................  1  1  c04
...................cuagcuucaucaaaagaccccu...................................................................  1  0  c04
...................cuagcuucaucaaaagaccccuggauguagagagggu....................................................  1  0  c04
.....................cuucaucaaaagaccccu.....................................................................  1  0  c04
.....................................................gucucuugaugaugcuuacg.....................................  2  0  c04

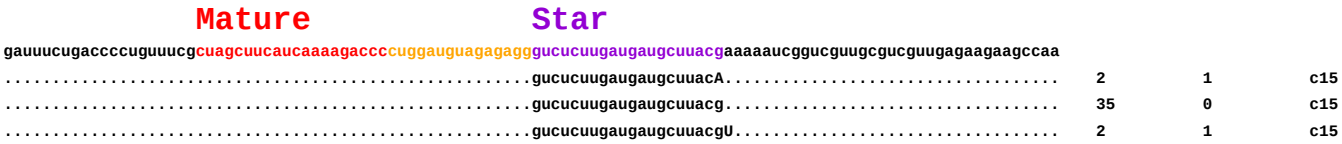
...................cuagcuucaucGaaagac.......................................................................  2  1  c02
...................cuagcuucaucaaGagac.......................................................................  4  1  c02
...................cuagcuucaucaaaagac.......................................................................  6  0  c02
...................cuagcuucaucaaGagacc......................................................................  21  1  c02
...................cuaUcuucaucaaaagacc......................................................................  1  1  c02
...................cuagcuucaucaaaGgacc......................................................................  1  1  c02
...................cuagcuucaucaaaagCcc......................................................................  2  1  c02
...................cAagcuucaucaaaagacc......................................................................  1  1  c02
...................cuagcuucaucGaaagacc......................................................................  2  1  c02
...................cuagcuucaucaaaagacc......................................................................  52  0  c02
...................cuagcuucaucaaaagacU......................................................................  3  1  c02
...................cuagcuucaCcaaaagacc......................................................................  1  1  c02
...................cuagcuucaucaaaagacAc.....................................................................  8  1  c02
...................cuagcuAcaucaaaagaccc.....................................................................  1  1  c02
...................cuGgcuucaucaaaagaccc.....................................................................  2  1  c02
...................cuagcuucaucaaaaCaccc.....................................................................  2  1  c02
...................cuagcCucaucaaaagaccc.....................................................................  1  1  c02
...................cuagcuucaucaaaagCccc.....................................................................  11  1  c02
...................cuagcuucaucaaGagaccc.....................................................................  828  1  c02
...................cuaCcuucaucaaaagaccc.....................................................................  3  1  c02
...................cuagcuucaucaGaagaccc.....................................................................  1  1  c02
...................cuagcuucaucaaaagaccU.....................................................................  3  1  c02
...................cuagcuucaucaUaagaccc.....................................................................  1  1  c02
...................cuagcuucaucGaaagaccc.....................................................................  16  1  c02
...................Uuagcuucaucaaaagaccc.....................................................................  2  1  c02
...................cuagAuucaucaaaagaccc.....................................................................  3  1  c02
...................cuagcuucaucaaaGgaccc.....................................................................  90  1  c02
```

Mature Star

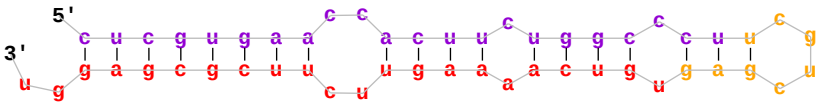
gauuucugaccccuguuucgcuagcuucaucaaaagacccuggauguagagaggugucuuugaugaugcuuacgaaaaaucggucguugcgucguugagaagaagccaa

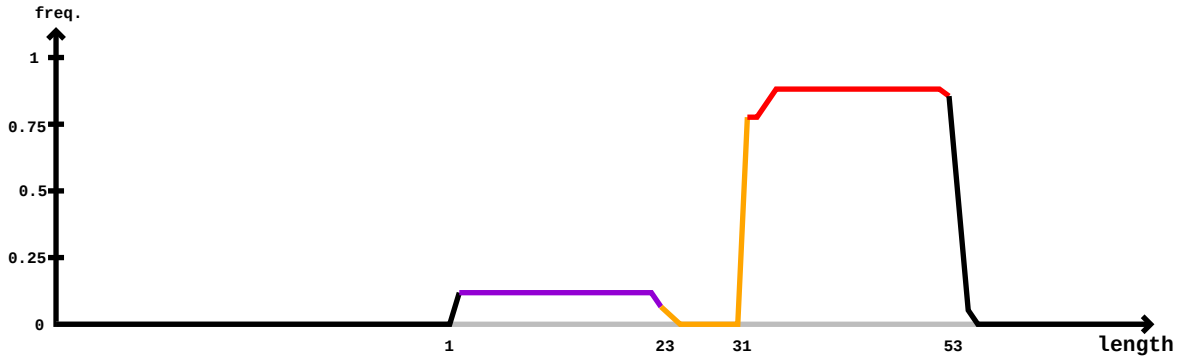
.....cuagcuucaucaaaCgaccc.....	1	1	c02
.....cuagcuucAcaaaagaccc.....	1	1	c02
.....cuagcAucaucaaaagaccc.....	1	1	c02
.....cAagcuucaucaaaagaccc.....	1	1	c02
.....cuagcuucaucaaaagacA.....	9	1	c02
.....cuagcuucaucaaaagaAcc.....	2	1	c02
.....cuagcuucaucaaaagacGc.....	1	1	c02
.....cuagcuucaucaaaaUaccc.....	1	1	c02
.....cuagcuucauAaaaagaccc.....	1	1	c02
.....cuagcuuAaucaaaagaccc.....	1	1	c02
.....cuagcuucaucaaCagaccc.....	1	1	c02
.....cuagcGucaucaaaagaccc.....	2	1	c02
.....cuagUuucaucaaaagaccc.....	1	1	c02
.....cuagcuucaucaaaagGccc.....	1	1	c02
.....cuagcuucaucaaaagaccc.....	1237	0	c02
.....cuagcuucaucaaaagacccG.....	8	1	c02
.....cuagcuucaucaaGagacccc.....	61	1	c02
.....cuagcuucauUaaaagacccc.....	1	1	c02
.....cuagcuucaucaaaagacccc.....	96	0	c02
.....cuagcuucaucGaaagacccc.....	2	1	c02
.....cuagcuucaucaaaagacccA.....	10	1	c02
.....cuagcuucaucaaaGgacccc.....	13	1	c02
.....cuagcuucaucaaaagacccU.....	34	1	c02
.....cuagcuucaucaaaagacccAu.....	4	1	c02
.....cuagcuucaucaaGagaccccu.....	29	1	c02
.....cuagcuucaucaaaagaccccA.....	1	1	c02
.....cuagcuucaucaaaagacAccu.....	2	1	c02
.....cuagcuucaucaaaagaccccu.....	34	0	c02
.....cuagcuucaucaaaagacccUu.....	8	1	c02
.....cuagcuucaucaaGagaccccug.....	1	1	c02
.....cuagcuucaucaaaagaccccuU.....	2	1	c02
.....cuagcuucaucaaaagaccccugA.....	1	1	c02
.....uagcuucaucaaaGgaccc.....	2	1	c02
.....Gagcuucaucaaaagaccc.....	1	1	c02
.....uagcuucaucaaaagaccc.....	4	0	c02
.....uagcuucaucaaGagaccc.....	8	1	c02
.....uagcuucaucaaaagacAc.....	1	1	c02
.....uagcuucaucaaGagacccc.....	1	1	c02
.....uagcuucaucaaaagacccU.....	2	1	c02
.....uagcuucaucaaaagacccUu.....	1	1	c02
.....cuucaucaaaagaccccu.....	1	0	c02
.....cuggauguagagagggucucuugaugaugcuuacg.....	1	0	c02
.....agagagggucucuugaugaugcuuacg.....	1	0	c02
.....gggucucuugaugaugcuuacg.....	2	0	c02
.....gucucuugaugaugcuua.....	1	0	c02
.....gucucuugaugaugcuuac.....	3	0	c02
.....gucucuugaugaugcuuacg.....	155	0	c02
.....gucucuuUaugaugcuuacg.....	1	1	c02
.....Cucucuugaugaugcuuacg.....	1	1	c02
.....gAcucuugaugaugcuuacg.....	1	1	c02
.....gucuUuugaugaugcuuacg.....	1	1	c02
.....gucucuugaugauCcuuacg.....	1	1	c02
.....gucucuugaugaugcuuacU.....	10	1	c02
.....gucucuugaugaugcuuacgU.....	6	1	c02
.....gucucuugaugaugcuuacgG.....	1	1	c02
.....cucuugaugaugcuuacg.....	3	0	c02

.....cuagcuucaucaaaagacc.....	1	0	c15
.....cuagcuucaucaaaGgaccc.....	1	1	c15
.....cuagcuucaucaaGagaccc.....	2	1	c15
.....cuagcuucaucaaaagacA.....	1	1	c15
.....cuagcuucaucaaaagacAc.....	1	1	c15
.....cuagcuucaucaaaagaccc.....	48	0	c15
.....cuagcuucaucaaaagacccA.....	1	1	c15
.....cuagcuucaucaaGagacccc.....	1	1	c15
.....cuagcuucaucaaaagaccccc.....	16	0	c15
.....cuagcuucaucaaaagacccU.....	2	1	c15
.....cuagcuucaucaaaagacccUu.....	2	1	c15
.....cuagcuucaucaaaagaccccuU.....	1	1	c15
.....uagcuucaucaaGagaccc.....	1	1	c15


Mature
Star
gauuucugaccccuguuucgcuagcuucaucaaaagacccuggauguagagaggucucuugaugaugcuuacgaaaaaucggucguugcgucguugagaagaagccaa
.....gucucuugaugaugcuuacA..... 2 1 c15
.....gucucuugaugaugcuuacg..... 35 0 c15
.....gucucuugaugaugcuuacgU..... 2 1 c15

Provisional ID	:	group11_16483
Score total	:	35
Score for star read(s)	:	3.9
Score for read counts	:	32.8
Score for mfe	:	1.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	76
Mature read count	:	67
Loop read count	:	0
Star read count	:	9





Star **Mature**

```
5'- ccaccggaagaaagaaauacaguugaccuggaggugcucccucgugaaccacuucuggcccuucgucgagugucaaaaguucuucgcgaggugguccucaaguaacauaccg  -3'   obs
    ccaccggaagaaagaaauacaguugaccuggaggugcucccucgugaaccacuucuggcccuucgucgagugucaaaaguucuucgcgaggugguccucaaguaacauaccg        exp
    .....................(((((..((.((((.(((.((((((((((..((((.((((.(((....))).)))).))))..)))))))))).)))))))..)))))).....  reads    mm    sample
    ..........................................cucgugaaccacuucuggcccu.....................................................  2        0     c16
    ..................................................................ugucaaaaguucuucgcgagg.....................  1        0     c16
    ..................................................................ugucaaaaguucuucgcgaggu.....................  8        0     c16
    ..................................................................uAucaaaaguucuucgcgaggu.....................  1        1     c16
    .....................................................................caaaaguucuucgcgagguU.....................  1        1     c16

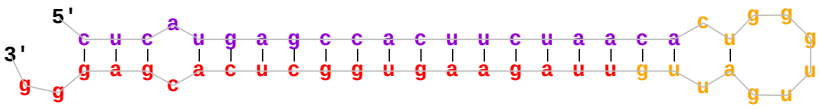
    ..........................................cucgugaaccacuucuggccc.....................................................  1        0     c04
    ..................................................................ugucaaaaguAcuucgcgaggu.....................  1        1     c04

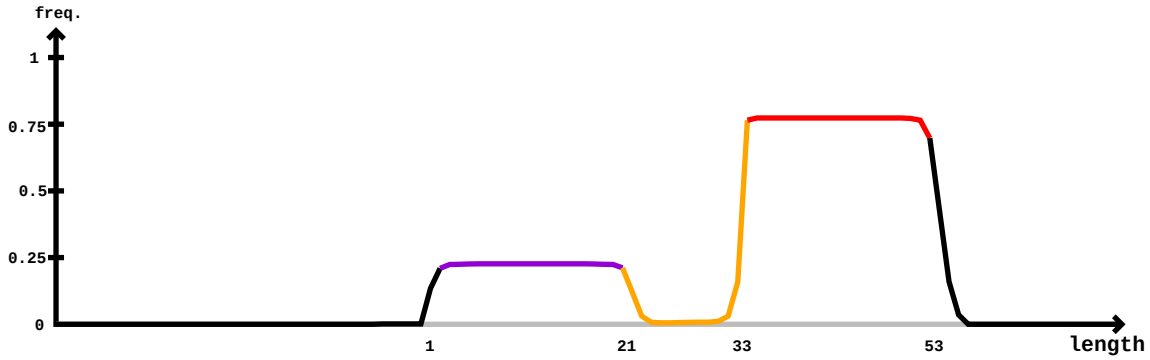
    ..........................................cucgugaaccacuucuggccc.....................................................  2        0     c09
    ..........................................cucgugaaccacuucuggcccu....................................................  2        0     c09
    ..................................................................ugucaaaaguucuucgcgaggu.....................  12       0     c09
    ..................................................................Ggucaaaaguucuucgcgaggu.....................  1        1     c09
    ..................................................................ugucaaaaguucuucgcgaggug....................  4        0     c09
    ..................................................................ugucaaaaguucuucgcgagguA....................  1        1     c09
    ................................................................ucaaaaguucuucgcgaggugU....................  2        1     c09
    .....................................................................caaaaguucuucgcgaggu.....................  1        0     c09
    .....................................................................caaaaguucuucgcgagguU.....................  2        1     c09

    ..........................................cucgugaaccacuucuggcccu....................................................  1        0     c02
    ..................................................................Ggucaaaaguucuucgcgagg.....................  1        1     c02
    ..................................................................Ggucaaaaguucuucgcgaggu.....................  1        1     c02
    ..................................................................ugucaaaaguucuucgcgaggu.....................  24       0     c02
    ..................................................................ugucaaaaguucuucgcgagguA....................  4        1     c02
    ....................................................................Gcaaaaguucuucgcgaggugg....................  1        1     c02

    ..........................................cucgugaaccacuucuggccc.....................................................  1        0     c15
    ................................................................ucaaaaguucuucgcgaggugU....................  1        1     c15
```

Provisional ID	:	group11_16485
Score total	:	836.6
Score for star read(s)	:	3.9
Score for read counts	:	829.6
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1639
Mature read count	:	1268
Loop read count	:	0
Star read count	:	371





Star **Mature**

```
5'- ugaaaacgaucguuuuggagcucauuuggagaugccccCUCAUGAGCCACUUCUAACACUGGGUUGAUUGUUAGAAGUGGCUCACGAGGGAGUCCUUCAAAUACUGUCA -3'   obs
    ugaaaacgaucguuuuggagcucauuuggagaugccccCUCAUGAGCCACUUCUAACACUGGGUUGAUUGUUAGAAGUGGCUCACGAGGGAGUCCUUCAAAUACUGUCA       exp
    ..(((((....))))).((....(((((((((..((.(((((.((((((((((((((((.(......).)))))))))))))))).)))))..)).)))))))....)).
```

reads	mm	sample
.....ccucaugagccacuucuaacac.....	2	0	c04
.....ccucaugagccacuucuaacacu.....	1	0	c04
.....uggguugauuguuagaaguggcucacgaggga.....	1	0	c04
.....guuagaaguggcucacgagg.....	1	0	c04
.....guuagaaguggcucacgaggg.....	2	0	c04
.....guuagaaguggcucacgaggga.....	3	0	c04
.....guuagaaguggcucacgagggaU.....	1	1	c04
.....uuagaaguggcucacgaggg.....	1	0	c04
.....uuagaaguggcucacgaggga.....	6	0	c04
.....uuagaaguggcucacgagggaA.....	2	1	c04
.....ugccccucaugagccacuucu.....	1	0	c16
.....ccucaugagccacuucuaac.....	9	0	c16
.....ccucaugagccacuucuaaca.....	40	0	c16
.....ccucaugagccacuucuaacaG.....	1	1	c16
.....ccucaugagccacuucuaacac.....	16	0	c16
.....ccucaugagccacuucuaacaA.....	1	1	c16
.....ccucaugagccacuucuaacaUu.....	1	1	c16
.....ccucaugagccacuucuaacacA.....	1	1	c16
.....ccucaugagccacuucuaacacC.....	5	1	c16
.....ccucaugagccacuucuaacacug.....	1	0	c16
.....cucaugagccacuucuaac.....	2	0	c16
.....cucaugagccacuucuaaca.....	42	0	c16
.....cucaugagcUacuucuaaca.....	1	1	c16
.....cucaugagccacCucuaaca.....	1	1	c16
.....cucaugagccacuucuaacaA.....	3	1	c16
.....cucaugagccacuucuaacac.....	6	0	c16
.....cucaugagccacuucuaacaUu.....	2	1	c16
.....cucaugagccacuucuaacacA.....	1	1	c16
.....cucaugagccacuucuaacacugggA.....	1	1	c16
.....ucaugagccacuuUuaacac.....	1	1	c16
.....ucaugagccacuucuaacac.....	6	0	c16
.....ugauuguuagaaguggcucacgaggg.....	3	0	c16

Star Mature

ugaaaacgaucguuuuggagcucauuuggagaugccccucaugagccacuucuaacacuggguugauuguuagaaguggcucacgaggagguccuucaaauacuguca

.....ugauuguuagaaguggcucacgaggga.....	1	0	c16
.....gauuguuagaaguggcucacgaggga.....	1	0	c16
.....auuguuagaaguggcucacgaggga.....	1	0	c16
.....uuguuagaaguggcucacgagg.....	1	0	c16
.....uguuagaaguggcucacga.....	1	0	c16
.....uguuagaaguggcucacgagg.....	4	0	c16
.....uguuagaaguggUucacgaggga.....	1	1	c16
.....uguuagaaguggcucacgaggga.....	5	0	c16
.....uguuagaaguggcucacgagggaA.....	1	1	c16
.....guuagaaguggcucacga.....	1	0	c16
.....guuagaaguggcucacgag.....	2	0	c16
.....guuagaaguggcucacgagg.....	7	0	c16
.....guuagaaguAgcucacgagg.....	1	1	c16
.....guuagaaguggcucacgaggg.....	1	0	c16
.....guuagaaguggcucacgaggga.....	36	0	c16
.....guuagaaguggcucacgagggaC.....	1	1	c16
.....guuagaaguggcucacgagggaA.....	12	1	c16
.....guuagaaguggcucacgagggaU.....	2	1	c16
.....guuagaaguggcucacgagggaAu.....	1	1	c16
.....uuagaaguggcucacgag.....	3	0	c16
.....uuagaaguggcucacgagg.....	32	0	c16
.....Guagaaguggcucacgagg.....	2	1	c16
.....uuagaaguggcucacgaggg.....	118	0	c16
.....uuagaUguggcucacgaggg.....	1	1	c16
.....Auagaaguggcucacgaggg.....	1	1	c16
.....uuagaaguggcucacCaggg.....	1	1	c16
.....uuagaaguggcucacgagAg.....	1	1	c16
.....uuagaaguggcucacgaggU.....	1	1	c16
.....Guagaaguggcucacgaggg.....	9	1	c16
.....uuagaaguggcucacgaCgg.....	1	1	c16
.....uuagaaguggcucacgGggga.....	1	1	c16
.....uuagaaguggcucacgaggga.....	84	0	c16
.....uuagaaguggcucacgagUga.....	1	1	c16
.....Guagaaguggcucacgaggga.....	9	1	c16
.....uuagaaguggcucacgagggU.....	17	1	c16
.....uuagaaguggcucacUaggga.....	1	1	c16
.....uuagaaguggcucacgagggaU.....	21	1	c16
.....uuagaaguggcucacgagggaC.....	1	1	c16
.....uuagaaguggcucacgagggag.....	6	0	c16
.....uuagaaguggcucacgagggaA.....	57	1	c16
.....Cuagaaguggcucacgagggag.....	1	1	c16
.....uuagaaguggcucacgagggaCu.....	1	1	c16
.....uuagaaguggcucacgagggaUu.....	8	1	c16
.....uuagaaguggcucacgagggaAu.....	9	1	c16
.....uagaaguggcucacgaggg.....	1	0	c16
.....uagaaguggcucacgaggga.....	3	0	c16
.....Gagaaguggcucacgaggga.....	1	1	c16
.....uagaaguggcucacgagggaA.....	2	1	c16

.....ccucaugagccacAucuaaca.....	1	1	c09
.....ccucaugagccacuucuaaca.....	19	0	c09
.....ccucauCagccacuucuaacac.....	1	1	c09
.....ccucaugagccacuucuaacac.....	9	0	c09
.....ccucaugagccacuucuaacaU.....	1	1	c09
.....ccucaugagccacuucuaacacC.....	2	1	c09
.....ccucaugagccacuucuaacacu.....	7	0	c09
.....ccucaugagccacuucuaacaUu.....	2	1	c09
.....ccucaugagccacuucuaacacA.....	1	1	c09
.....cucaugagccacuucuaaca.....	3	0	c09
.....cucaugagccacuucuaacac.....	1	0	c09
.....ucaugagccacuucuaaca.....	1	0	c09
.....caugagccacuucuaacacugggu.....	1	0	c09
.....augagccacuucuaacacug.....	1	0	c09
.....uggguugauuguuagaaguggcucacgaggga.....	2	0	c09
.....uugauuguuagaaguggcucacgaggga.....	1	0	c09
.....Guguuagaaguggcucacgagg.....	1	1	c09
.....uuguuagaaguggcucacgaggg.....	1	0	c09
.....uguuagaaguggcucacgagg.....	1	0	c09
.....uguuagaaguggcucacgaggg.....	2	0	c09
.....uguuagaaguggcucacgaggga.....	8	0	c09

Star Mature

ugaaaacgaucguuuuggagcucauuuggagaugccccucaugagccacuucuaacacuggguugauuguuagaaguggcucacgaggga guccuucaaauacuguca

.....uguuagaaguggcucacgagggaU.....	1	1	c09
.....guuagaaguggcucacga.....	1	0	c09
.....guuagaaguggcucacgag.....	1	0	c09
.....guuagaagugCcucacgagg.....	1	1	c09
.....guuagaaguggcucacgagg.....	12	0	c09
.....guuagaaguggcucacgaggU.....	1	1	c09
.....guuagaaguggcucacgaggg.....	3	0	c09
.....Cuuagaaguggcucacgaggga.....	1	1	c09
.....guuagaGguggcucacgaggga.....	1	1	c09
.....guuagaaguggcucacgaggga.....	57	0	c09
.....guuagaaguggcucacgagggaU.....	10	1	c09
.....guuagaaguggcucacgagggaA.....	2	1	c09
.....guuagaaguggcucacgagggaUu.....	4	1	c09
.....guuagaaguggcucacgagggaAu.....	1	1	c09
.....uuagaaguggcucacgag.....	2	0	c09
.....uuagaaguggcucacgaCg.....	1	1	c09
.....uuagaaguggcucacgagg.....	9	0	c09
.....uuagaaguggcucaUgaggg.....	1	1	c09
.....uuagaaguggcucacgaggg.....	55	0	c09
.....Guagaaguggcucacgaggg.....	2	1	c09
.....Auagaaguggcucacgagga.....	1	1	c09
.....uuagaaguggcucacgagggU.....	9	1	c09
.....uuagaagAggcucacgagga.....	1	1	c09
.....uuagaaguggcucacgagggC.....	1	1	c09
.....Guagaaguggcucacgagga.....	4	1	c09
.....uuagaaguggcucacgagCga.....	2	1	c09
.....uuagaaguggcucacgagga.....	55	0	c09
.....uuagaaguggcucacgagUga.....	1	1	c09
.....uuagaaguggcucacgagggag.....	3	0	c09
.....uuagaaguggcucacgagggaU.....	10	1	c09
.....uuagaaguggcucacgagggaA.....	9	1	c09
.....uuagaaguggcucacgagggaUu.....	7	1	c09
.....uuagaaguggcucacgagggaAu.....	5	1	c09
.....uuagaaguggcucacgagggaCu.....	2	1	c09
.....uagaaguggcucacgagg.....	1	0	c09
.....uagaaguggcucacgagga.....	3	0	c09
.....uagaaguggcucacgagggaU.....	1	1	c09

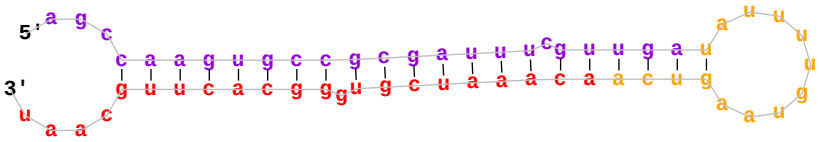
.....ugccccucaugagccacuucua.....	1	0	c02
.....ccucaugagccacuucua.....	1	0	c02
.....ccucaCgagccacuucuaac.....	1	1	c02
.....ccucaugagccacuucuaac.....	6	0	c02
.....ccucaugagccacuucuaaca.....	19	0	c02
.....ccucaugagccacuucuaacU.....	1	1	c02
.....ccucaugagccacuucuaacac.....	18	0	c02
.....ccucaugagccacuucuaacacu.....	9	0	c02
.....ccucaugagccacuucuaacacC.....	2	1	c02
.....cucaugagccacuucuaa.....	1	0	c02
.....cucaugagccacuucuaac.....	1	0	c02
.....cucaugagAcacuucuaaca.....	1	1	c02
.....cucaugagccacuucuCaca.....	1	1	c02
.....cucaugagccacuucuaaca.....	43	0	c02
.....cucaAgagccacuucuaaca.....	1	1	c02
.....cucaugagccacuucCaaca.....	1	1	c02
.....cucaugagccacuucuaacaU.....	1	1	c02
.....cucaugagccacuucuaacac.....	1	0	c02
.....cucaugagccacuucuaacacu.....	2	0	c02
.....ucaugagccacuucuaaca.....	1	0	c02
.....Gcaugagccacuucuaacac.....	2	1	c02
.....ucaugagccacuucuaacac.....	7	0	c02
.....ucaugagccacuucuaacCc.....	1	1	c02
.....ucaugagccacuucuaacaA.....	1	1	c02
.....ucaugagccacuucuaacacu.....	1	0	c02
.....ucaugagccacuucuaacacA.....	1	1	c02
.....ucaugagccacuucuaacacuU.....	1	1	c02
.....ugagccacuucuaacacugggu.....	1	0	c02
.....cuggguugauuguuagaaguggcucacgaggga.....	1	0	c02
.....uggguugauuguuagaaguggcucacgaggga.....	1	0	c02
.....uugauuguuagaaguggcucacgaggga.....	1	0	c02
.....uuguuagaaguggcucacgag.....	2	0	c02

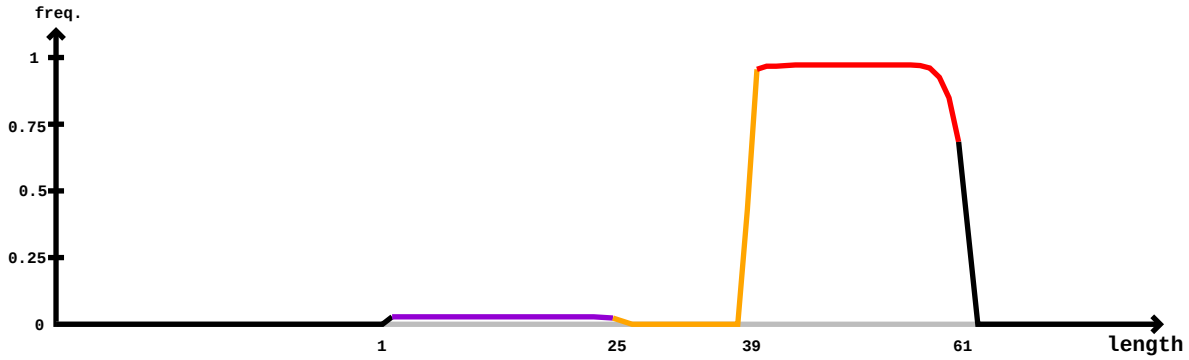
Star Mature

ugaaaacgaucguuuuggagcucauuuggagaugccccucaugagccacuucuaacacuggguugauuguuagaaguggcucacgagggaguccuucaaauacuguca

.....uuguuagaaguggcucacgagU.....	1	1	c02
.....Gguuagaaguggcucacgagg.....	1	1	c02
.....uguuagaaguggcucGcgagg.....	1	1	c02
.....uguuagaaguggcucacgagg.....	3	0	c02
.....uguuagaaguggcucacgaggga.....	1	0	c02
.....uguuagaaguggcucacgagggaUu.....	1	1	c02
.....guuagaaguggcucacgagg.....	3	0	c02
.....Cuuagaaguggcucacgaggg.....	1	1	c02
.....guuagaaguggcucacgaggg.....	1	0	c02
.....guuagaaguggcucacgaggga.....	23	0	c02
.....guuagaaCuggcucacgaggga.....	1	1	c02
.....guuagaaguggcucacgagggaA.....	6	1	c02
.....guuagaaguggcucacgagggaUu.....	1	1	c02
.....uuagaaguggcucacgag.....	1	0	c02
.....uuagaaguggcucacgagU.....	1	1	c02
.....uuagaaguggcucacgagg.....	20	0	c02
.....Guagaaguggcucacgagg.....	7	1	c02
.....uuagaaCuggcucacgaggg.....	1	1	c02
.....uuagaaguggcucacgaggU.....	2	1	c02
.....Auagaaguggcucacgaggg.....	2	1	c02
.....Guagaaguggcucacgaggg.....	17	1	c02
.....uuagaaguggcucacgaggg.....	142	0	c02
.....uuagaaguggcucacgaggC.....	1	1	c02
.....uuagaaguggcucacgagggU.....	17	1	c02
.....Guagaaguggcucacgaggga.....	13	1	c02
.....uuagaaguggcucCcgaggga.....	1	1	c02
.....uuagaaguggcucacgaggga.....	110	0	c02
.....uuagaaguggcucacgaCgga.....	1	1	c02
.....uuagaaguggcucacgagggag.....	1	0	c02
.....uuagaaguggcucacgagggaA.....	23	1	c02
.....uuagaaguggcucacgagggaU.....	30	1	c02
.....uuagaaguggcucacgagggaUu.....	15	1	c02
.....uuagaaguggcucacgagggaAu.....	3	1	c02
.....uagaaguggcucacgaggga.....	1	0	c02
.....uagaaguggcucacgagggaA.....	1	1	c02
.....ccucaugagccacuucuaac.....	2	0	c15
.....ccucaugagccacuucuaaca.....	16	0	c15
.....ccucaugagccacuucuGacac.....	1	1	c15
.....ccucaugagccacuucuaacac.....	24	0	c15
.....ccucaugagccacuucuaacacC.....	1	1	c15
.....cucauUagccacuucuaaca.....	1	1	c15
.....cucaugagccacuucuaaca.....	6	0	c15
.....cucaugagccacuucuaacac.....	2	0	c15
.....ucaugagccacuucuaacac.....	1	0	c15
.....augagccacuucuaacacuggguuA.....	1	1	c15
.....uguuagaaguggcucacgaggga.....	1	0	c15
.....Uuuagaaguggcucacgaggga.....	1	1	c15
.....guuagaaguggcucacgaggga.....	8	0	c15
.....guuagaaguggcucacgagggaA.....	1	1	c15
.....guuagaaguggcucacgagggaU.....	1	1	c15
.....uuagaaguggcucacgagg.....	1	0	c15
.....uuagaaguggcucacgaggg.....	9	0	c15
.....uuagaaguggcucacgagggU.....	1	1	c15
.....uuagaaguggcucacgaggAa.....	1	1	c15
.....uuagaaguggcucacgaggga.....	11	0	c15
.....uuagaaguggcucacgagggaU.....	1	1	c15
.....uuagaaguggcucacgagggaAu.....	1	1	c15

Provisional ID	:	group11_16489
Score total	:	219.4
Score for star read(s)	:	3.9
Score for read counts	:	213.2
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	430
Mature read count	:	418
Loop read count	:	0
Star read count	:	12





Star **Mature**

```
5'- guagcguaagcaaguagauaauguacaaucuuaagccaagugccgcgauuucguugauauuuuguaaguca acaaaucgugggcacuugcaauagauuuacacucaaggcgac -3'   obs
    guagcguaagcaaguagauaauguacaaucuuaagccaagugccgcgauuucguugauauuuuguaaguca acaaaucgugggcacuugcaauagauuuacacucaaggcgac       exp
    ...((....))..((......((((.(((((...((.((((((((((((((.((((((.........)))))))))))))).)))))))))...)))))))).....))...  reads   mm   sample
    ................................agccaagugccgcgauuucguuga.....................................................  1       0    c02
    ..........................................................aacaaaucgugggcacuAgc.....................  1       1    c02
    ..........................................................aacaaaucgugggcacuugca....................  1       0    c02
    ..........................................................aacaaaucgugggcacuAgca....................  2       1    c02
    ........................................................Cacaaaucgugggcacuugcaa....................  1       1    c02
    ..........................................................aacaaaucgugggcacuAgcaa...................  4       1    c02
    ..........................................................aacaaaucgugggcacuugcaau...................  4       0    c02
    ..........................................................aacaaaucgugggcacuAgcaau...................  36      1    c02
    ........................................................aGcaaaucgugggcacuugcaau...................  2       1    c02
    ........................................................Cacaaaucgugggcacuugcaau...................  1       1    c02
    ..........................................................acaaaucgugggcacuAgc.....................  2       1    c02
    ..........................................................acaaaucgugggcacuAgca....................  1       1    c02
    ..........................................................acaaaucgugggcacuugcaa....................  1       0    c02
    ..........................................................acaaaucgugggcacuAgcaa...................  10      1    c02
    ..........................................................acaaaucgugggcacuugcaau...................  5       0    c02
    ..........................................................acaaaucgugggcacuAgcaau...................  41      1    c02
    ........................................................Ccaaaucgugggcacuugcaau...................  1       1    c02

    ................................agccaagugccgcgauuucguuU.....................................................  1       1    c15
    ................................agccaagugccgcgauuucguuga.....................................................  1       0    c15
    ..........................................................aGcaaaucgugggcacuugca....................  1       1    c15
    ..........................................................aacaaaucgugggcacuugcUa....................  1       1    c15
    ..........................................................aacaaaucgugggcacuugcaa....................  10      0    c15
    ..........................................................aacaaaucgugggcacuugcaau...................  29      0    c15
    ..........................................................aacaaaucgugggcacuugcaaA...................  1       1    c15
    ..........................................................aGcaaaucgugggcacuugcaau...................  1       1    c15
    ..........................................................acaaaucgugggcacuugcaa....................  3       0    c15
    ..........................................................acaaaucgugggcacuugcaau...................  19      0    c15

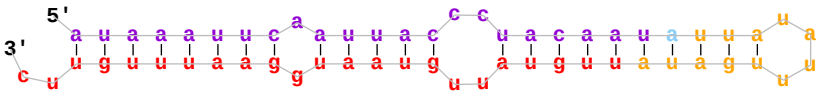
    ................................agccaagugccgcgauuucguugaG.....................................................  1       1    c04
    ..........................................................aacaaaucgugggcacuAgcaa...................  2       1    c04
    ..........................................................aacaaaucgugggcacuAgcaau...................  5       1    c04
    ..........................................................acaaaucgugggcacuAgcaau...................  4       1    c04
```

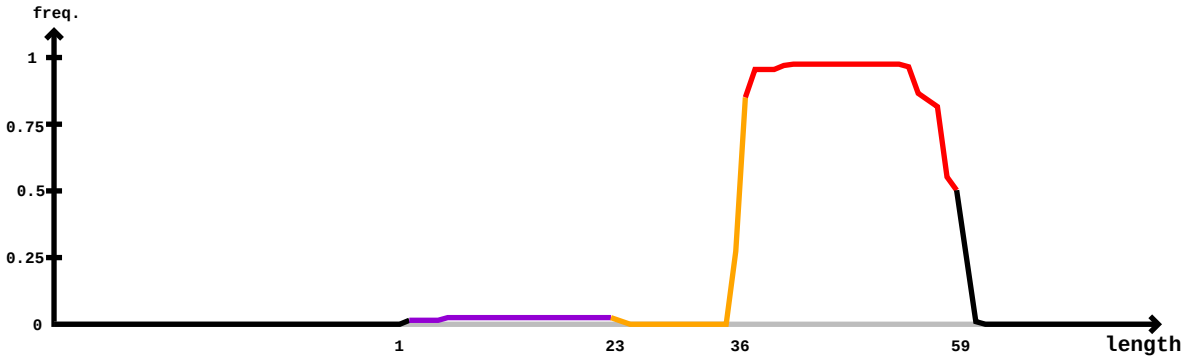
Star Mature

guagcguaagcaaguagauaauguacaaucuuaagccaagugccgcgauuucguugauauuuuguaagucaacaaaucgugggcacuugcaauagauuuacacucaaggcgac

....agccaagugccgcgauuucguuga....	3	0	c16
....Cgccaagugccgcgauuucguuga....	1	1	c16
....agccaagugccgcgauuucguugaA....	1	1	c16
....aacaaaucgugggcacuA....	1	1	c16
....aacaaaucgugggcacuAg....	4	1	c16
....aacaaaucgugggcacuAgc....	5	1	c16
....aacaaaucgugggcacuAgca....	10	1	c16
....aacaaaucgugggcacuAgcaa....	10	1	c16
....aGcaaaucgugggcacuugcaau....	1	1	c16
....aacaaaucgugggcacuAgcaau....	16	1	c16
....aacaaaucgugggcacuugcaau....	6	0	c16
....acaaaucgugggcacuAgc....	1	1	c16
....acaaaucgugggcacuAgca....	11	1	c16
....acaaaucguCggcacuugcaa....	1	1	c16
....acaaaucgugggcacuAgcaa....	16	1	c16
....acaaaucgugggcacuugcaau....	4	0	c16
....acaaaucgugggcacuAgcaau....	33	1	c16
....Ccaaaucgugggcacuugcaau....	1	1	c16
....acaaaucgugggcacuugcaauU....	1	1	c16
....acaaaucgugggcacuAgcaaua....	2	1	c16
....caaaucgugggcacuAgcaa....	1	1	c16
....agccaagugccgcgauuucguu....	1	0	c09
....agccaagugccgcgauuucguuga....	2	0	c09
....aacaaaucgugggcacuAgc....	3	1	c09
....aacaaaucgugggcacuAgca....	2	1	c09
....aacaaaucgugggcacuAgcaa....	6	1	c09
....aacaaaucgugggcacuAgcaau....	19	1	c09
....acaaaucgugggcacuAgc....	3	1	c09
....acaaaucgugggcacuAgca....	4	1	c09
....acaaaucgugggcacuAgcaa....	5	1	c09
....acaaaucgugggcacuAgcaau....	57	1	c09
....caaaucgugggcacuAgca....	1	1	c09
....caaaucgugggcacuAgcaau....	3	1	c09
....aaucgugggcacuAgcaau....	1	1	c09
....aucgugggcacuAgcaau....	1	1	c09

Provisional ID	:	group11_16503
Score total	:	101.5
Score for star read(s)	:	3.9
Score for read counts	:	96.5
Score for mfe	:	0.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	201
Mature read count	:	196
Loop read count	:	0
Star read count	:	5





Star **Mature**

```
5'- aucaaagaaaaaacuacaacuuugcauauacuuacauaaauucaaauuacccuacaauauuauauuugauauuguauuguaauggaauuuguucaaguaugcaaaaauuucguc -3'   obs
    aucaaagaaaaaacuacaacuuugcauauacuuacauaaauucaaauuacccuacaauauuauauuugauauuguauuguaauggaauuuguucaaguaugcaaaaauuucguc       exp
    ..................((((((..((((((..(((((((((.((((((..((((((((((....)))))))))).))))))).)))))))).))))))))))).........  reads  mm  sample
    ..........................................................auuguauuguaauggaauu.....................................  3      0   c09
    ..........................................................auuguauuguaauggaauuugu..................................  13     0   c09
    ..........................................................auuguauuguaauggaauuuAu..................................  4      1   c09
    ..........................................................uuguauuguaauggaauu.......................................  1      0   c09
    ..........................................................uuguauuguaauggaauuuA.....................................  1      1   c09
    ..........................................................uuguauuguaauggaauuuAu....................................  1      1   c09
    ..........................................................uuguauuguaauggaauuugu....................................  2      0   c09
    ..........................................................uuguauuguaauggaauuuguuc..................................  3      0   c09
    ..........................................................uuguauuguaauggaauuuAuuc..................................  9      1   c09
    ..........................................................uuguauuguaauggaauuuguucU.................................  1      1   c09
    ..........................................................uguauuguaauggaauuuAuuc...................................  1      1   c09
    ..........................................................Gguauuguaauggaauuuguuc...................................  1      1   c09
    ..........................................................uguauuguaauggaauuuguuc...................................  2      0   c09
    ..........................................................auuguaauggaauuuAuuc......................................  1      1   c09
    ..........................................................auuguaauggaauuuguucU.....................................  1      1   c09

    .....................................auucaauuacccuacaau...................................................................  1      0   c04
    ..........................................................auuguauuguaaugAaau.....................................  1      1   c04
    ..........................................................uuguauuguaauggaauuu.....................................  1      0   c04
    ..........................................................uuguauuguaauggaauuuAuu..................................  2      1   c04
    ..........................................................uuguauuguaauggaauuuAuuc..................................  10     1   c04
    ........................................................Gguauuguaauggaauuuguuca...................................  1      1   c04
    ..........................................................uuguauuguaauggaauuuAuuca..................................  1      1   c04
    ..........................................................uuguauuguaauggaauuuAuucaa.................................  2      1   c04
    ..........................................................uguauuguaauggaauuuAuuc...................................  1      1   c04
    ..........................................................uguauuguaauggaauuuAuuca..................................  1      1   c04

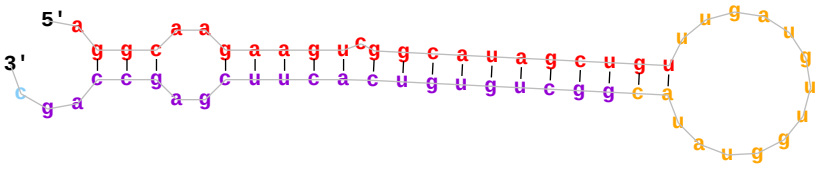
    .....................................auucaauuacccuacaau...................................................................  1      0   c16
    ..........................................................auuguauuguaauggaau......................................  1      0   c16
    ..........................................................auuguauuguaauggaauuug...................................  2      0   c16
    ..........................................................auuguauuguaauggaauuugu..................................  6      0   c16
    ..........................................................auuguauuguaauggaauuuguA.................................  1      1   c16
    ..........................................................uuguauuguaauggaauu......................................  4      0   c16
```

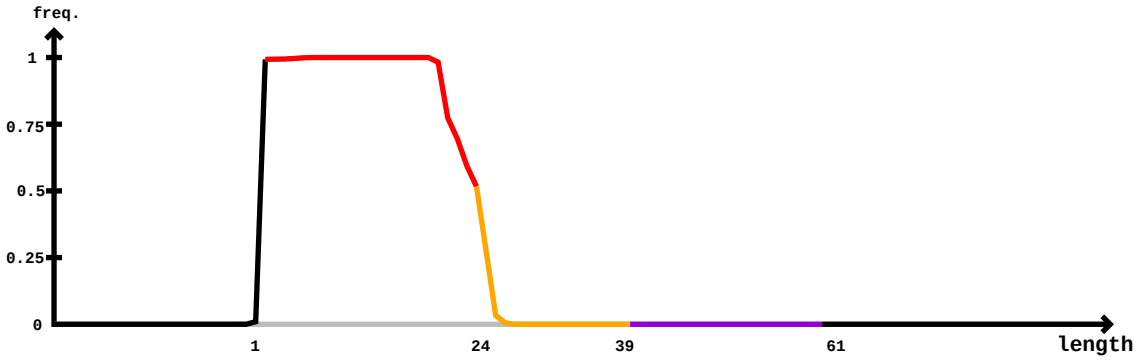
Star Mature

aucaaagaaaaaacuacaacuuugcauauacuuacauaaauucaauuacccuacaauauuauauuugauauuguauuguaauggaauuuguucaaguaugcaaaaauuucguc

.....uuguauuguaauCgaauuu.....	1	1	c16
.....Auguauuguaauggaauuuguuc.....	1	1	c16
.....uuguauuguaauggaauuuguuc.....	18	0	c16
.....uuguauuguaauggaauuuguucU.....	1	1	c16
.....uuguauuguaauggaauuuguuca.....	2	0	c16
.....uguauuguaauggaauuuguuc.....	1	0	c16
.....uguauuguaauggaauuuguuca.....	1	0	c16
.....auuguaauggaauuuguu.....	1	0	c16
.....auaaauucaauuacccuacaau.....	1	0	c02
.....auuguauuguaauggaaGu.....	1	1	c02
.....auuguauuguaauggaauu.....	2	0	c02
.....auuguauuguaauggaauuu.....	2	0	c02
.....auuguauuguaauggaauuug.....	1	0	c02
.....auuguauuguaauggaauuugu.....	16	0	c02
.....auuguauuguaauggaauuuguu.....	1	0	c02
.....uuguauuguaauggaauu.....	8	0	c02
.....Guguauuguaauggaauu.....	1	1	c02
.....uuguauuguaauggaauuu.....	1	0	c02
.....uuguauuguaauggaauuug.....	1	0	c02
.....uuguauuguaauggaauuugu.....	10	0	c02
.....uuguauuguaauggaauuuguu.....	3	0	c02
.....Guguauuguaauggaauuuguu.....	1	1	c02
.....uuguauuguaauggaauuuguuU.....	2	1	c02
.....uuguauuguaauggaauuuguuc.....	15	0	c02
.....Guguauuguaauggaauuuguuc.....	1	1	c02
.....uuguauuguaauggaauuuguucU.....	2	1	c02
.....uuguauuguaauggaauuuguuca.....	1	0	c02
.....uguauuguaauggaauuuguuc.....	6	0	c02
.....Gguauuguaauggaauuuguuc.....	1	1	c02
.....uguauuguaauggaauuuguucU.....	1	1	c02
.....uuguauuguaauggaauuuguuc.....	1	0	c02
.....auaaauucaauuacccuacaau.....	1	0	c15
.....auaaauucaauuacccuacaaua.....	1	0	c15
.....auuguauuguaauggaauuugu.....	1	0	c15
.....uuguauuguaauggaauuuguuc.....	5	0	c15
.....uuguauuguaauggaauuuguuU.....	1	1	c15
.....uuguauuguaauggaauuuAuuc.....	2	1	c15
.....uguauuguaauggaauuuAuu.....	1	1	c15
.....uguauuguaauggaauuuAuuc.....	3	1	c15
.....uguauuguaauggaauuuguuca.....	1	0	c15

Provisional ID	:	group1_1486
Score total	:	5.6
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	2.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	523307
Mature read count	:	523289
Loop read count	:	0
Star read count	:	18





Mature **Star**

```
5'- agucgagccgguggcuggga aggcaagaagucggcauagcuguuugauguuggguauac ggcugugucacuucgagccag cucaauccaccggcuuucugcgauugaag  -3'   obs
    agucgagccgguggcuggga aggcaagaagucggcauagcuguuugauguuggguauac ggcugugucacuucgagccagc ucaauccaccggcuuucugcgauugaag        exp
    ((((((((((((((.((((..(((..(((((.((((((((((((.............)))))))))))))))))..)))..)))))..)))))))))).....)))))....  reads     mm        sample
    ..................aaggcaagaagucggcauag.....................................................................................  6         0         c15
    ..................aaggcaagaagucggcauagcuUuu.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauaU.....................................................................................  2         1         c15
    ..................aggcaagCagucggcauag.....................................................................................  1         1         c15
    ..................aAgcaagaagucggcauag.....................................................................................  1         1         c15
    ..................aggcaagaagucgAcauag.....................................................................................  1         1         c15
    ..................Uggcaagaagucggcauag.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauaC.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauaA.....................................................................................  1         1         c15
    ..................aggcCagaagucggcauag.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauag.....................................................................................  182       0         c15
    ..................aggcaagaagucggcauGg.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauagA.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauagU.....................................................................................  7         1         c15
    ..................aggcaagaagucggcauagc.....................................................................................  102       0         c15
    ..................aggcaagaagucggcauagcu.....................................................................................  36        0         c15
    ..................aggcaagaagucggcauGgcu.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauagcA.....................................................................................  3         1         c15
    ..................aggcaagaagucUgcauagcu.....................................................................................  1         1         c15
    ..................aggcaagGagucggcauagcu.....................................................................................  1         1         c15
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    ..................aggcaagaagucggcauagcuU.....................................................................................  1         1         c15
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    ..................aggcaagaaguUggcauagcugu.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauagcugC.....................................................................................  1         1         c15
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    ..................aggcaagaagucggcauagcCgu.....................................................................................  1         1         c15
    ..................aggcaagaagCcggcauagcugu.....................................................................................  1         1         c15
    ..................aggcaagaagucggcauagcugu.....................................................................................  182       0         c15
    ..................aggcaagaagucggcauagcuUuu.....................................................................................  1         1         c15
```

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....aggcaagaagucggcauagcuguA.....	1	1	c15
.....aggcaagaagucggcauagcuguu.....	27	0	c15
.....aggcaagaagucggcauagcuguuu.....	8	0	c15
.....aggcaagaagucggcauagcuguuuA.....	1	1	c15
.....aggcaagaagucggcauagcuguuuU.....	1	1	c15
.....ggcaagaagucggcauagcuguuu.....	1	0	c15
.....caagaagucggcauagcA.....	1	1	c15
.....cuggCaaggcaagaagucggcauag.....	2	1	c02
.....gggCaggcaagaagucggcauag.....	1	1	c02
.....ggUaggcaagaagucggcau.....	1	1	c02
.....ggCaggcaagaagucggcauag.....	1	1	c02
.....ggUaggcaagaagucggcauagcugu.....	4	1	c02
.....ggCaggcaagaagucggcauagcugu.....	1	1	c02
.....gAaaggcaagaagucggcauagcugu.....	1	1	c02
.....Aaaggcaagaagucggcauag.....	1	1	c02
.....gCaggcaagaagucggcauag.....	1	1	c02
.....aaggcaagaagucggcau.....	12	0	c02
.....Caggcaagaagucggcau.....	3	1	c02
.....aaggcaagaagucggcaua.....	75	0	c02
.....Caggcaagaagucggcaua.....	3	1	c02
.....aaggcaaAaagucggcaua.....	1	1	c02
.....aaggcaagaaguAggcauag.....	4	1	c02
.....aaggcaagaaguUggcauag.....	1	1	c02
.....aaggcaagaagucggcauag.....	1439	0	c02
.....aaggcaagaagucggAauag.....	2	1	c02
.....aaggcaagaagucggcauaC.....	2	1	c02
.....aaggcaagaagucgCcauag.....	2	1	c02
.....aaUgcaagaagucggcauag.....	2	1	c02
.....Caggcaagaagucggcauag.....	112	1	c02
.....aaggcaagaagucggGauag.....	1	1	c02
.....aaggUaagaagucggcauag.....	2	1	c02
.....aaggcaagaagucggcauUg.....	1	1	c02
.....Uaggcaagaagucggcauag.....	1	1	c02
.....aaggcaagaagucggcUuag.....	1	1	c02
.....aaggcaagaagucAgcauag.....	1	1	c02
.....aaggcaagCagucggcauag.....	1	1	c02
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.....aaggcaagaagucggcaAag.....	1	1	c02
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.....aaggcaagaagucCgcauag.....	1	1	c02
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.....aaggcaagaaCucggcauag.....	4	1	c02
.....aaggcaagaagucggcauaU.....	4	1	c02
.....aaggcaaCaagucggcauag.....	1	1	c02
.....Caggcaagaagucggcauagc.....	14	1	c02
.....aaggcaagaagucggcauagU.....	4	1	c02
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.....Caggcaagaagucggcauagcu.....	3	1	c02
.....aaggcaagaagucggcauagAu.....	1	1	c02
.....aaggcaagaagucggcauagcug.....	10	0	c02
.....aaggcaGgaagucggcauagcug.....	1	1	c02
.....Caggcaagaagucggcauagcug.....	1	1	c02
.....aaggcaagaagucggcauGgcug.....	1	1	c02

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....aaggcaagaagucggcauagcuU.....	4	1	c02
.....Caggcaagaagucggcauagcugu.....	7	1	c02
.....aaggcaagaagucggcauagcugu.....	80	0	c02
.....aaUgcaagaagucggcauagcugu.....	1	1	c02
.....aagCcaagaagucggcauagcugu.....	1	1	c02
.....Gaggcaagaagucggcauagcugu.....	1	1	c02
.....aaAgcaagaagucggcauagcuguu.....	1	1	c02
.....aaggcaagaagucggcauagcuguC.....	1	1	c02
.....aaggcaagaagucggcauagcuguA.....	1	1	c02
.....aaggcaagaagucggcauagcuguu.....	6	0	c02
.....aaggcaagaagucggcauagcuguuu.....	1	0	c02
.....aggcaaCaagucggcaua.....	2	1	c02
.....aCgcaagaagucggcaua.....	3	1	c02
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.....aggcaagaagucggcaGa.....	1	1	c02
.....aggcaagaagucggcaua.....	2710	0	c02
.....aggcaagaagucggcaAa.....	2	1	c02
.....aggcaagaagucggcauC.....	2	1	c02
.....aggcaagaagucgCcaua.....	2	1	c02
.....aggcaagaagucggcGua.....	1	1	c02
.....aggcaagaUgucggcaua.....	1	1	c02
.....aggcaagaagucggcauU.....	7	1	c02
.....aggcaagaagucggcauG.....	2	1	c02
.....aggcaagaagAcggcaua.....	1	1	c02
.....aggcaagaagucggUaua.....	3	1	c02
.....aggcaaUaagucggcaua.....	1	1	c02
.....aUgcaagaagucggcaua.....	1	1	c02
.....Gggcaagaagucggcaua.....	2	1	c02
.....aggcaUgaagucggcaua.....	1	1	c02
.....aggcaagaaCucggcaua.....	2	1	c02
.....Cggcaagaagucggcaua.....	294	1	c02
.....aggcaagaaUucggcaua.....	2	1	c02
.....aggcaagaagucgUcaua.....	1	1	c02
.....aggcaagaCgucggcaua.....	2	1	c02
.....aAgcaagaagucggcaua.....	2	1	c02
.....agCcaagaagucggcaua.....	3	1	c02
.....aggcaagaagucggAaua.....	4	1	c02
.....aggcaagaagucgAcaua.....	3	1	c02
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.....aggcaagaagucggcauCg.....	8	1	c02
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.....aggcaagaaguAggcauag.....	66	1	c02
.....aggcaagaaguUggcauag.....	44	1	c02
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Mature Star

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.....aggcUagaagucggcauag.....	4	1	c02
.....aggcaagaaUucggcauag.....	21	1	c02
.....aggcaagaagucggcGuag.....	11	1	c02
.....aggGaagaagucggcauag.....	2	1	c02
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.....aggcaagaagucggUauag.....	41	1	c02
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.....aggcaagaUgucggcauag.....	9	1	c02
.....aggcaagaaCucggcauag.....	52	1	c02
.....aggcaagaagucggcauaC.....	46	1	c02
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.....Uggcaagaagucggcauagc.....	8	1	c02
.....aggcaagaagucgCcauagc.....	12	1	c02
.....aggcaagaaAucggcauagc.....	1	1	c02
.....aggcaaCaagucggcauagc.....	5	1	c02
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.....aggcaagaGgucggcauagc.....	1	1	c02
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.....aggcaagaagucggcauagU.....	198	1	c02
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.....aggcaGgaagucggcauagc.....	2	1	c02

Mature Star

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.....aggcaagUagucggcauagc.....	1	1	c02
.....Cggcaagaagucggcauagc.....	995	1	c02
.....aggcaagaagucggcaAagc.....	1	1	c02
.....aggcaagaagucUgcauagc.....	1	1	c02
.....aggcaagaagucggcauagc.....	10321	0	c02
.....aggcaagaaguUggcauagc.....	4	1	c02
.....Gggcaagaagucggcauagc.....	13	1	c02
.....aggcaagaagucAgcauagc.....	4	1	c02
.....aggcaagaagCcggcauagc.....	3	1	c02
.....aggcaaAaagucggcauagc.....	1	1	c02
.....aggcaagaaguAggcauagc.....	6	1	c02
.....aggcaagaagucCgcauagc.....	6	1	c02
.....aggcaagCagucggcauagc.....	1	1	c02
.....aggcaagaagucggcUuagc.....	5	1	c02
.....aggcaagaaCucggcauagcu.....	3	1	c02
.....aggcaagaagucggcCuagcu.....	5	1	c02
.....aggcaagaaUucggcauagcu.....	6	1	c02
.....aggcaagaagucggcauagGu.....	9	1	c02
.....aggcaagaagucgCcauagcu.....	10	1	c02
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.....aggGaagaagucggcauagcu.....	1	1	c02
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.....aggcaagaagucggcauaUcu.....	8	1	c02
.....aggAaagaagucggcauagcu.....	9	1	c02
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.....aggcaCgaagucggcauagcu.....	2	1	c02
.....aggcaagaagucggcauagAu.....	16	1	c02
.....aggcaUgaagucggcauagcu.....	1	1	c02
.....aCgcaagaagucggcauagcu.....	8	1	c02
.....aggcaagaagucggcauagcG.....	24	1	c02
.....aggcaagaagucggcGuagcu.....	1	1	c02
.....Uggcaagaagucggcauagcu.....	8	1	c02
.....aggcaagaagucggcauagcu.....	7180	0	c02
.....aggcaagaagucgUcauagcu.....	3	1	c02
.....aggcaagaagucggcauagcC.....	20	1	c02
.....aggcaagaaguAggcauagcu.....	8	1	c02
.....aggcaagaagucAgcauagcu.....	2	1	c02
.....aggcaagaagucggcauaCcu.....	10	1	c02
.....agCcaagaagucggcauagcu.....	11	1	c02
.....aggcaagaagucggcauagUu.....	4	1	c02
.....aggcaagaaguUggcauagcu.....	4	1	c02
.....aggcGagaagucggcauagcu.....	2	1	c02
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.....agUcaagaagucggcauagcu.....	8	1	c02
.....aUgcaagaagucggcauagcu.....	5	1	c02
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.....aAgcaagaagucggcauagcu.....	3	1	c02
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.....aggcaagCagucggcauagcu.....	1	1	c02
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.....aggcaagaagucCgcauagcu.....	2	1	c02
.....aggcaagaagucggcaCagcu.....	3	1	c02
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.....aggcaaCaagucggcauagcug.....	3	1	c02
.....aggcaagaagucgUcauagcug.....	3	1	c02
.....aggcCagaagucggcauagcug.....	1	1	c02
.....aggcaagaagucggcauagcGg.....	4	1	c02
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Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

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.....aggcaagaagucggGauagcug.....	1	1	c02
.....aggcaagaagucggAauagcug.....	2	1	c02
.....aggcaagaaguAggcauagcug.....	3	1	c02
.....aggcaagaagucgCcauagcug.....	1	1	c02
.....aggcaagaagucggcauagcug.....	2515	0	c02
.....aggAaagaagucggcauagcug.....	5	1	c02
.....aggcaagaagucUgcauagcug.....	3	1	c02
.....aggcaagaagucggcauagUug.....	1	1	c02
.....Gggcaagaagucggcauagcug.....	3	1	c02
.....aggcaGgaagucggcauagcug.....	1	1	c02
.....aggcaagaagucggcauCgcug.....	2	1	c02
.....aggcaagaCgucggcauagcug.....	4	1	c02
.....aggcaUgaagucggcauagcug.....	1	1	c02
.....aggcaagaagucggcauagcuU.....	131	1	c02
.....aggcaagaaUucggcauagcug.....	1	1	c02
.....aUgcaagaagucggcauagcug.....	4	1	c02
.....aggcaagaagucggcauaCcug.....	3	1	c02
.....aggcaaUaagucggcauagcug.....	1	1	c02
.....aggcaagaagucAgcauagcug.....	1	1	c02
.....aggcaagaaguUggcauagcug.....	3	1	c02
.....aggcaagaagucggcauagcuA.....	25	1	c02
.....aggcaagaagucggcauagcAg.....	2	1	c02
.....Cggcaagaagucggcauagcug.....	255	1	c02
.....aggcaagaagucggcauaUcug.....	3	1	c02
.....Uggcaagaagucggcauagcug.....	3	1	c02
.....aggcaagaagucggcauagGug.....	1	1	c02
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.....aggcaagaagucggcUuagcug.....	1	1	c02
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.....aggcaagaagucggcauaUcugu.....	9	1	c02
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.....aAgcaagaagucggcauagcugu.....	4	1	c02
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.....aggcaagaagGcggcauagcugu.....	4	1	c02
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.....aggcaagaCgucggcauagcugu.....	4	1	c02
.....aggcaagaagCcggcauagcugu.....	3	1	c02
.....aggcaagaagucggcauUgcugu.....	2	1	c02
.....aggcaaCaagucggcauagcugu.....	6	1	c02
.....aggcaagaagAcggcauagcugu.....	6	1	c02
.....aggcaaAaagucggcauagcugu.....	1	1	c02
.....aggcaagaagucggcauagcuCu.....	28	1	c02
.....aggcaagaagucggcauGgcugu.....	4	1	c02
.....aggcaagaagucggGauagcugu.....	2	1	c02
.....Uggcaagaagucggcauagcugu.....	12	1	c02
.....aggcaagaGgucggcauagcugu.....	1	1	c02
.....agAcaagaagucggcauagcugu.....	4	1	c02
.....aggcaagaaguAggcauagcugu.....	19	1	c02
.....aggcaagaagucggcauagcugG.....	9	1	c02
.....aggUaagaagucggcauagcugu.....	3	1	c02
.....aggcaagaagucggcauagGugu.....	2	1	c02

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....aggcaGgaagucggcauagcugu.....	3	1	c02
.....aggcaagaaAucggcauagcugu.....	1	1	c02
.....aggcaagaaguUggcauagcugu.....	5	1	c02
.....aggcaagaagucggcGuagcugu.....	3	1	c02
.....aggcaagaagucggcauaAcugu.....	1	1	c02
.....aggcaagaagucggcauagcCgu.....	8	1	c02
.....aggGaagaagucggcauagcugu.....	2	1	c02
.....aCgcaagaagucggcauagcugu.....	18	1	c02
.....aggcaagaagucggcaCagcugu.....	5	1	c02
.....aggcaagaagucgCcauagcugu.....	12	1	c02
.....aggcaagaagucggAauagcugu.....	21	1	c02
.....Gggcaagaagucggcauagcugu.....	16	1	c02
.....aggcaagaagucUgcauagcugu.....	8	1	c02
.....aggcaaUaagucggcauagcugu.....	6	1	c02
.....Cggcaagaagucggcauagcugu.....	1421	1	c02
.....aUgcaagaagucggcauagcugu.....	9	1	c02
.....aggcGagaagucggcauagcugu.....	3	1	c02
.....aggcaagaagucggcauagcuAu.....	6	1	c02
.....aggcaagaagucggcauagcuUu.....	26	1	c02
.....aggAaagaagucggcauagcugu.....	28	1	c02
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.....aggcaagaagucggcUuagcugu.....	2	1	c02
.....aggcaagaagucCgcauagcugu.....	7	1	c02
.....aggcaagaagucggcauaCcugu.....	14	1	c02
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.....aggcaagaagucggUauagcugu.....	10	1	c02
.....aggcUagaagucggcauagcugu.....	3	1	c02
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.....aggcaagUagucggcauagcugu.....	2	1	c02
.....aggcaagaagucggcauCgcuguu.....	1	1	c02
.....aggcaagCagucggcauagcuguu.....	1	1	c02
.....Cggcaagaagucggcauagcuguu.....	156	1	c02
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.....aggcaagaagucggcauagcuUuu.....	7	1	c02
.....agUcaagaagucggcauagcuguu.....	2	1	c02
.....aggcaagaagucggcauagcugAu.....	3	1	c02
.....aggcaagaagucggcauagcuCuu.....	3	1	c02
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.....aggcaagaagucggcauagcAguu.....	2	1	c02
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.....aggcaagaagucggGauagcuguu.....	1	1	c02
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.....Uggcaagaagucggcauagcuguu.....	1	1	c02
.....agCcaagaagucggcauagcuguu.....	1	1	c02
.....aggcaagaagucggcauagAuguu.....	1	1	c02
.....aggcaagaagucggcauagcuguA.....	236	1	c02
.....aCgcaagaagucggcauagcuguu.....	4	1	c02
.....aggcaagaagucggcGuagcuguu.....	1	1	c02
.....aggAaagaagucggcauagcuguu.....	3	1	c02
.....aggcaagaagucggcUuagcuguu.....	1	1	c02
.....aggcaagaagucgUcauagcuguu.....	1	1	c02
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.....Gggcaagaagucggcauagcuguu.....	1	1	c02
.....aAgcaagaagucggcauagcuguu.....	2	1	c02
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.....aggcaagaagucggcCuagcuguu.....	1	1	c02
.....aggcaagaagucggcaGagcuguu.....	1	1	c02
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.....aggcUagaagucggcauagcuguu.....	1	1	c02
.....aggcaaCaagucggcauagcuguu.....	2	1	c02
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Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

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.....aggcaagaagucgAcauagcuguuu.....	1	1	c02
.....aggcaagaagucggcauagcugCuu.....	1	1	c02
.....aggcaagaagucggcauagcuguAu.....	48	1	c02
.....aggcaagaagucggcauagcAguuu.....	1	1	c02
.....aggcaagaagucggcauagcuguuA.....	47	1	c02
.....aggcaagaagucggcauagcuguuu.....	445	0	c02
.....aggcaagaaguUggcauagcuguuu.....	1	1	c02
.....aggcaagaagucggcauagcuguuG.....	6	1	c02
.....aggcaagaagucggcauagcuguuC.....	7	1	c02
.....aggcaagaagucCgcauagcuguuu.....	1	1	c02
.....agCcaagaagucggcauagcuguuu.....	1	1	c02
.....aggcaagaCgucggcauagcuguuu.....	1	1	c02
.....aggcaagaagucggcauagcuguCu.....	1	1	c02
.....Cggcaagaagucggcauagcuguuu.....	33	1	c02
.....aggcaagaagucggcauagcuguGu.....	5	1	c02
.....aggcaagaagucggcauagAuguuu.....	1	1	c02
.....aggcaagaagucggcauagcuguCug.....	2	1	c02
.....aggcaagaagucggcauagcuguuuC.....	1	1	c02
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.....aggcaagaagucggcauagcuguuuA.....	5	1	c02
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.....aggcaagaagucggcauagcuguuuUa.....	3	1	c02
.....aggcaagaagucggcauagcuguuuAa.....	4	1	c02
.....ggUaagaagucggcauag.....	3	1	c02
.....gUcaagaagucggcauag.....	1	1	c02
.....Agcaagaagucggcauag.....	2	1	c02
.....ggGaagaagucggcauag.....	1	1	c02
.....ggcaagaagucggcauag.....	35	0	c02
.....gAcaagaagucggcauag.....	1	1	c02
.....ggGaagaagucggcauagc.....	1	1	c02
.....ggcaagaagucggcauagc.....	8	0	c02
.....ggcaagaagucggcauagcu.....	6	0	c02
.....gCcaagaagucggcauagcu.....	1	1	c02
.....Agcaagaagucggcauagcu.....	1	1	c02
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.....ggcaagaagucggcauagcug.....	2	0	c02
.....ggcaagaagucggcauagcugu.....	18	0	c02
.....gCcaagaagucggcauagcugu.....	1	1	c02
.....Agcaagaagucggcauagcugu.....	3	1	c02
.....ggUaagaagucggcauagcugu.....	1	1	c02
.....gAcaagaagucggcauagcugu.....	1	1	c02
.....ggcaagaagucggcauagcuguu.....	9	0	c02
.....ggcaagaagucggcauagcuguA.....	1	1	c02
.....ggcaagaagucggcauagcuguuu.....	6	0	c02
.....gGaagaagucggcauagc.....	1	1	c02
.....gcaagaagucggcauagA.....	1	1	c02
.....gcaagaagucggcauagc.....	28	0	c02
.....Ccaagaagucggcauagc.....	1	1	c02
.....gcaagaagucggcauaUcu.....	1	1	c02
.....gcaagaagucggcauagcu.....	7	0	c02
.....gcaagaagucggcauagcug.....	2	0	c02
.....gcaagaagucggcauagcugu.....	25	0	c02
.....gcaagaagucggcauagcuguu.....	2	0	c02
.....gcaagaagucggcauagcuguuu.....	2	0	c02
.....caagaagucggcauagcA.....	4	1	c02
.....caagaagucggcauagcu.....	53	0	c02
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.....caagaagucggcauagcG.....	1	1	c02
.....cCagaagucggcauagcug.....	1	1	c02
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.....caagaagucggcUuagcugu.....	1	1	c02
.....caagaagucggcauaCcugu.....	1	1	c02
.....Aaagaagucggcauagcugu.....	1	1	c02
.....caagaagucggcauagcugu.....	109	0	c02
.....caagaCgucggcauagcugu.....	1	1	c02
.....caagaagucggcauaUcuguu.....	1	1	c02
.....caagaagucggcauagcuguu.....	9	0	c02

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....caagaagucggcauagcuguA.....	1	1	c02
.....caagaagucggcauagAuguu.....	1	1	c02
.....caagaagucggcauagcuguuC.....	1	1	c02
.....caagaagucggcauagcuguuu.....	3	0	c02
.....aagaagucggcauagcuU.....	1	1	c02
.....aagaagucggcauagcuC.....	1	1	c02
.....Cagaagucggcauagcug.....	1	1	c02
.....aagaagucggcauagcug.....	14	0	c02
.....aagaagucgUcauagcug.....	1	1	c02
.....Cagaagucggcauagcugu.....	1	1	c02
.....aagaagucggcaAagcugu.....	1	1	c02
.....aagaagucggcauagcugA.....	1	1	c02
.....aagaagucggcauagcugu.....	97	0	c02
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.....aagaagucggcauagcuguu.....	13	0	c02
.....aagaagucggcauagcuguuu.....	1	0	c02
.....aagaagucggcauagcuguuuU.....	2	1	c02
.....agaagucggcauagcugu.....	23	0	c02
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.....agaagucggcauagcuguuu.....	3	0	c02
.....gaagucggcauagcuguuu.....	1	0	c02
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.....ggcugugucacuucgagccag.....	1	0	c02
.....ugugucacuucgagccagcucaa.....	1	0	c02

.....ggUaggcaagaagucggcauagcuguu.....	1	1	c09
.....gaaggcaagaagucggcauagc.....	2	0	c09
.....aaggcaagaagucggcau.....	18	0	c09
.....aaggcaagaagucggcUu.....	2	1	c09
.....aaggcaagaagucggcaC.....	1	1	c09
.....aaggcaagaagucggcaA.....	2	1	c09
.....Caggcaagaagucggcau.....	2	1	c09
.....aaggcaagaagucggcauC.....	1	1	c09
.....aaggcaagaagucggcaua.....	83	0	c09
.....aaggcaagaagAcggcaua.....	1	1	c09
.....aaggcaagaagucggcauU.....	1	1	c09
.....aCggcaagaagucggcaua.....	1	1	c09
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.....aUggcaagaagucggcauag.....	1	1	c09
.....aaggcaagaagucggcauUg.....	1	1	c09
.....aaggcaagaagucggGauag.....	1	1	c09
.....aaggUaagaagucggcauag.....	1	1	c09
.....aaggcaagaaAucggcauag.....	1	1	c09
.....Caggcaagaagucggcauag.....	27	1	c09
.....aaggcaagaagucggcCuag.....	1	1	c09
.....aaggcaaCaagucggcauag.....	1	1	c09
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.....aaggcaGgaagucggcauag.....	1	1	c09
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.....aaggcaagaagucggAauag.....	1	1	c09
.....aaggcaaUaagucggcauag.....	2	1	c09
.....aaggcaagaagucggcauag.....	853	0	c09
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.....aaggcaUgaagucggcauag.....	1	1	c09
.....aaggcaagaagucggcUuag.....	1	1	c09
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.....aaggcaagaagucCgcauag.....	2	1	c09
.....aaggcaagaagucggcauaU.....	3	1	c09
.....aaggcaagaagucggcauagG.....	4	1	c09
.....aaggcaagaagucggcauagc.....	183	0	c09
.....aaCgcaagaagucggcauagc.....	1	1	c09
.....aaggcaagaagucggcauagA.....	7	1	c09
.....aUggcaagaagucggcauagc.....	1	1	c09
.....Caggcaagaagucggcauagc.....	5	1	c09

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....aaggcaagaagucggcCuagc.....	1	1	c09
.....aaggcaagaagucggcauagU.....	4	1	c09
.....aaggcaagaagucgAcauagc.....	1	1	c09
.....aaggcaagaaCucggcauagc.....	2	1	c09
.....aaggcaagaagucAgcauagc.....	1	1	c09
.....aaggcaagaagucggGauagc.....	1	1	c09
.....Caggcaagaagucggcauagcu.....	5	1	c09
.....aaggcaagaaAucggcauagcu.....	1	1	c09
.....aaggUaagaagucggcauagcu.....	1	1	c09
.....aaggcaagaagucggcauagcG.....	1	1	c09
.....aaggcaagaaguUggcauagcu.....	1	1	c09
.....aaggcaagaagucggcauagcC.....	1	1	c09
.....aaCgcaagaagucggcauagcu.....	1	1	c09
.....aGggcaagaagucggcauagcu.....	2	1	c09
.....aaggcaaCaagucggcauagcu.....	1	1	c09
.....aaggcaagaagucggcauagGu.....	1	1	c09
.....aaggcaagaagucggcauagcu.....	60	0	c09
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.....Caggcaagaagucggcauagcug.....	2	1	c09
.....aaggcaagaagucCgcauagcug.....	1	1	c09
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.....aaggcaagaagucggcauagcuCu.....	1	1	c09
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.....aaggcaagaagucggcauagcuguuu.....	4	0	c09
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.....aaggcaagaagucggcauagcuguuugauguugguaua.....	1	0	c09
.....aggcaagaagucggcaGa.....	2	1	c09
.....aggcaagaagucggcaua.....	1369	0	c09
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.....aggcaagaagucggAaua.....	1	1	c09
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Mature Star

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.....aggUaagaagucggcauag.....	2	1	c09
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.....aggcaagaaguUggcauag.....	6	1	c09
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Mature Star

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.....aggcaaCaagucggcauagc.....	4	1	c09
.....aAgcaagaagucggcauagc.....	4	1	c09
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.....aggcaagaaCucggcauagc.....	12	1	c09
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.....aggcaagaGgucggcauagc.....	3	1	c09
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.....aggcaagaagucgCcauagc.....	9	1	c09
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Mature Star

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.....aCgcaagaagucggcauagcu.....	5	1	c09
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.....agUcaagaagucggcauagcu.....	1	1	c09
.....aggcaUgaagucggcauagcu.....	3	1	c09
.....aggcaagaagucCgcauagcug.....	1	1	c09
.....aggGaagaagucggcauagcug.....	2	1	c09
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.....aggcaagaagAcggcauagcugu.....	4	1	c09

Mature Star

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.....aggcaagaagucggcauagcAgu.....	4	1	c09
.....aggcaagaagucggcauaCcugu.....	13	1	c09
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Mature Star

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.....aggcaagaagucggcauagcuAuu.....	2	1	c09
.....aggcaagaagucggcauagcugCu.....	2	1	c09
.....aggcaagaagucggcUuagcuguu.....	1	1	c09
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.....aggcaagaagucggcauagcuguuug.....	5	0	c09
.....aggcaagaagucggcauagcuguuAg.....	1	1	c09
.....aggcaagaagucggcauagcuguuuU.....	132	1	c09
.....aggcaagaagucggcauagcuguuuga.....	1	0	c09
.....aggcaagaagucggcauagcuguuugU.....	1	1	c09
.....aggcaagaagucggcauagcuguuuAa.....	3	1	c09
.....aggcaagaagucggcauagcuguuugau.....	1	0	c09
.....aggcaagaagucggcauagcuguuuUau.....	1	1	c09
.....gAcaagaagucggcauag.....	1	1	c09
.....ggcaagaagucggcauag.....	4	0	c09
.....ggcaagaagucggcauagc.....	9	0	c09
.....gCcaagaagucggcauagc.....	1	1	c09
.....Agcaagaagucggcauagc.....	3	1	c09
.....gAcaagaagucggcauagc.....	1	1	c09
.....ggcaagaagucggcauagcu.....	5	0	c09
.....ggcUagaagucggcauagcu.....	1	1	c09
.....ggcUagaagucggcauagcug.....	1	1	c09
.....ggcaagaagucggcauagcug.....	1	0	c09
.....gUcaagaagucggcauagcugu.....	1	1	c09
.....ggcaagaagucggcauagcugu.....	20	0	c09
.....ggcaagaagucggcauagcuguu.....	1	0	c09
.....ggcaagaagucggcauagcuguuu.....	2	0	c09
.....ggcaagaagucggcauagcuguuuU.....	1	1	c09
.....gcaagaagucggcauagc.....	14	0	c09
.....gGaagaagucggcauagcu.....	1	1	c09
.....gcaagaagucggcauagcu.....	12	0	c09
.....Ccaagaagucggcauagcu.....	1	1	c09
.....Ucaagaagucggcauagcug.....	1	1	c09
.....gcaagaagucggcauagcug.....	3	0	c09
.....gcaagaagucggcauagcugu.....	18	0	c09
.....gcaagaagucggcauagcuguu.....	5	0	c09
.....caagaagucggcauagcu.....	61	0	c09
.....Uaagaagucggcauagcu.....	1	1	c09

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....caagaagucggcauagcuU.....	1	1	c09
.....caagaagucggcauagcug.....	28	0	c09
.....caagaagucggcauagcugu.....	75	0	c09
.....caagaagucggcauagcuCu.....	1	1	c09
.....Gaagaagucggcauagcugu.....	1	1	c09
.....Aaagaagucggcauagcugu.....	1	1	c09
.....Uaagaagucggcauagcugu.....	1	1	c09
.....caagaaguAggcauagcugu.....	1	1	c09
.....caagaagucggcauagcuAu.....	1	1	c09
.....cCagaagucggcauagcugu.....	1	1	c09
.....caagaagucggcauagcuguG.....	2	1	c09
.....caagaagucggcauagcuguA.....	2	1	c09
.....caagaagucggcauagcuguu.....	8	0	c09
.....caagaagucggcauagcuguC.....	1	1	c09
.....caagaagucggcauagcuguuu.....	1	0	c09
.....aagaagucggcauagcug.....	33	0	c09
.....aagaagucggcauagcuU.....	5	1	c09
.....aagaagucggcauagcugu.....	205	0	c09
.....aagaagucggcGuagcugu.....	1	1	c09
.....aagaagucggcauagcuCu.....	1	1	c09
.....aagaagucggcauaCcugu.....	1	1	c09
.....aagaagucggcauagcGguu.....	1	1	c09
.....aagaagucggcauagcuguu.....	23	0	c09
.....aagaagucggcauagcuguA.....	6	1	c09
.....aagaagucggcauagcuguC.....	2	1	c09
.....aagaagucggcauagcuguG.....	1	1	c09
.....aagaagucggcauagcuguAu.....	4	1	c09
.....aagaagucggcauagcuguuA.....	1	1	c09
.....aagaagucggcauagcuguuu.....	2	0	c09
.....aagaagucggcauagcuguuuU.....	1	1	c09
.....agaagucggcauagcGgu.....	1	1	c09
.....agaaguAggcauagcugu.....	1	1	c09
.....agaagucgAcauagcugu.....	1	1	c09
.....agaagucggGauagcugu.....	1	1	c09
.....Cgaagucggcauagcugu.....	2	1	c09
.....agaagucggcauagcugu.....	72	0	c09
.....agaagucggcauagcuguu.....	13	0	c09
.....agaagucggcauagcuguA.....	1	1	c09
.....agaagucggcauagcuguC.....	1	1	c09
.....agaagucggcauagcuguuu.....	3	0	c09
.....agaagucggcauagcuguAu.....	2	1	c09
.....gaagucggcauagcuguu.....	4	0	c09
.....Ccggcugugucacuucgagcc.....	1	1	c09
.....ggcugugucacuucgagccag.....	2	0	c09
.....ggcugugucacuucgagccagc.....	1	0	c09
.....cugugucacuucgagccag.....	1	0	c09
.....cugugucacuucgagccagc.....	1	0	c09
.....ugugucacuucgagccagU.....	1	1	c09
.....ugugucacuucgagccagcu.....	1	0	c09

.....Ggggaaggcaagaagucggcauagcuguu.....	1	1	c16
.....ggAaaggcaagaagucggcauag.....	1	1	c16
.....ggAaaggcaagaagucggcauagcugu.....	2	1	c16
.....ggAaaggcaagaagucggcauagcuguu.....	1	1	c16
.....ggaaggcaagaagucggcauag.....	1	0	c16
.....ggUaggcaagaagucggcauag.....	2	1	c16
.....gAaaggcaagaagucggcauagc.....	1	1	c16
.....ggCaggcaagaagucggcauagc.....	1	1	c16
.....ggaaggcaagaagucggcauagcu.....	1	0	c16
.....ggUaggcaagaagucggcauagcug.....	1	1	c16
.....ggUaggcaagaagucggcauagcugu.....	8	1	c16
.....ggCaggcaagaagucggcauagcugu.....	3	1	c16
.....gAaaggcaagaagucggcauagcugu.....	2	1	c16
.....ggUaggcaagaagucggcauagcuguu.....	2	1	c16
.....gAaaggcaagaagucggcauagcuguuu.....	1	1	c16
.....gCaggcaagaagucggcauag.....	1	1	c16
.....gaaggcaagaagucggcauagcu.....	1	0	c16
.....gGaggcaagaagucggcauagcugu.....	1	1	c16
.....gUaggcaagaagucggcauagcugu.....	1	1	c16
.....aaggcaagaagucggcau.....	4	0	c16

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....Caggcaagaagucggcaua.....	1	1	c16
.....aaggcaagaagucggcaua.....	37	0	c16
.....aaggcaagaagucggAaua.....	1	1	c16
.....aaCgcaagaagucggcauag.....	1	1	c16
.....aaggcaagaaguAggcauag.....	1	1	c16
.....aaUgcaagaagucggcauag.....	3	1	c16
.....aaggcaagaagucggcCuag.....	1	1	c16
.....aaggcaagaagucggcaAag.....	1	1	c16
.....aaggcaagaagucggGauag.....	1	1	c16
.....aaggcaaCaagucggcauag.....	1	1	c16
.....aaggcaagaaCucggcauag.....	1	1	c16
.....Caggcaagaagucggcauag.....	35	1	c16
.....aaAgcaagaagucggcauag.....	1	1	c16
.....aCggcaagaagucggcauag.....	1	1	c16
.....aaggcaagaagucggcauaU.....	2	1	c16
.....aaggcaagaagucggcauag.....	454	0	c16
.....aaggcaagaagucggcauaC.....	1	1	c16
.....aaggcaUgaagucggcauagc.....	1	1	c16
.....aaUgcaagaagucggcauagc.....	1	1	c16
.....Uaggcaagaagucggcauagc.....	1	1	c16
.....aagUcaagaagucggcauagc.....	2	1	c16
.....aaggcaagaagucggcauagU.....	4	1	c16
.....Caggcaagaagucggcauagc.....	13	1	c16
.....aaggAaagaagucggcauagc.....	1	1	c16
.....aaggcaaCaagucggcauagc.....	2	1	c16
.....aaggcaagaagucgUcauagc.....	1	1	c16
.....aaCgcaagaagucggcauagc.....	1	1	c16
.....aaggcaagaagucggcauagc.....	170	0	c16
.....aagCcaagaagucggcauagc.....	1	1	c16
.....aaggcaagaagucggcauagA.....	3	1	c16
.....aaggcaagaaguAggcauagcu.....	2	1	c16
.....aaggcaagaagucggcauagcA.....	8	1	c16
.....aaggcaagaagucggcCuagcu.....	1	1	c16
.....aaggcaagaagucggcauagcC.....	2	1	c16
.....aaggcaagaagucggcauGgcu.....	1	1	c16
.....aaggcaagaagucggcauagcu.....	236	0	c16
.....aaggcaagaagucggcaCagcu.....	1	1	c16
.....aaggcaagaagucggcauaCcu.....	1	1	c16
.....aaggcaagaagucggcauagAu.....	1	1	c16
.....aaggAaagaagucggcauagcu.....	1	1	c16
.....aaCgcaagaagucggcauagcu.....	2	1	c16
.....aaggcaagaagucgCcauagcu.....	1	1	c16
.....Caggcaagaagucggcauagcu.....	23	1	c16
.....aaggcaagaagucggcauaUcu.....	1	1	c16
.....aaggUaagaagucggcauagcu.....	1	1	c16
.....aaggcaagaagucggcauagcug.....	69	0	c16
.....aagCcaagaagucggcauagcug.....	1	1	c16
.....aaggcaCgaagucggcauagcug.....	1	1	c16
.....aaggcaagaagucUgcauagcug.....	1	1	c16
.....aaggcaagaagucggcauaCcug.....	1	1	c16
.....aaggcaagaagucggcauagcuU.....	11	1	c16
.....aaggcaagaagucggcauagcuA.....	1	1	c16
.....aaggcaagaagucggcauagcuC.....	1	1	c16
.....Caggcaagaagucggcauagcug.....	11	1	c16
.....aaggcGagaagucggcauagcugu.....	1	1	c16
.....aaggcaagaaguAggcauagcugu.....	1	1	c16
.....aaggcaagaagucggcauagcugu.....	196	0	c16
.....Caggcaagaagucggcauagcugu.....	22	1	c16
.....aaggcaagaagucggcauagcuUu.....	3	1	c16
.....aaggcaagaagucggcauagcugA.....	3	1	c16
.....Uaggcaagaagucggcauagcugu.....	2	1	c16
.....aaggcaagaGgucggcauagcugu.....	1	1	c16
.....aaggcaagaaguUggcauagcugu.....	1	1	c16
.....aaggcaagaagucggAauagcugu.....	1	1	c16
.....aaggcaagaagucggcauagcuguu.....	29	0	c16
.....aaggcaagaagucggcauagcuguA.....	3	1	c16
.....aaggcaagaagucggcauagUuguu.....	1	1	c16
.....aaggcaagaagucggcauagcuguG.....	1	1	c16
.....Caggcaagaagucggcauagcuguu.....	3	1	c16
.....aaggcaagaagucggcauagcuguAu.....	1	1	c16

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....Caggcaagaagucggcauagcuguuu.....	2	1	c16
.....aaggcaagaagucggcauagcuUuuu.....	1	1	c16
.....aaggcaagaagucggcauagcuguuu.....	8	0	c16
.....aaggcaagaagucggcauagcuguuuU.....	1	1	c16
.....aaggcaagaagucggcauagcuguuuga.....	1	0	c16
.....aaggcaagaagucggcauagcuguuugauguu.....	1	0	c16
.....aggcaagaaguAggcaua.....	5	1	c16
.....aggcaagaagucggcauC.....	6	1	c16
.....aggcaUgaagucggcaua.....	1	1	c16
.....Gggcaagaagucggcaua.....	4	1	c16
.....aggcaagaCgucggcaua.....	1	1	c16
.....aggcaagaagucggcaCa.....	1	1	c16
.....aggcaagaagucgUcaua.....	3	1	c16
.....aggcaagCagucggcaua.....	1	1	c16
.....aCgcaagaagucggcaua.....	4	1	c16
.....aggcaagaagAcggcaua.....	1	1	c16
.....aggcaagaagucggcauG.....	5	1	c16
.....agCcaagaagucggcaua.....	6	1	c16
.....aggcGagaagucggcaua.....	1	1	c16
.....aggcaagaagCcggcaua.....	1	1	c16
.....aggcaagaaAucggcaua.....	1	1	c16
.....Uggcaagaagucggcaua.....	8	1	c16
.....aggUaagaagucggcaua.....	1	1	c16
.....aggcaagaagucggcCua.....	2	1	c16
.....aggcaagaagucggAaua.....	6	1	c16
.....aggcaagaaCucggcaua.....	6	1	c16
.....aggAaagaagucggcaua.....	7	1	c16
.....aggcaCgaagucggcaua.....	1	1	c16
.....aggcaagaagucggcaGa.....	1	1	c16
.....aggcaagaaUucggcaua.....	1	1	c16
.....aggcaagaagGcggcaua.....	1	1	c16
.....aUgcaagaagucggcaua.....	3	1	c16
.....aggcaagaagucgAcaua.....	1	1	c16
.....aggcaagaaguUggcaua.....	1	1	c16
.....aggcUagaagucggcaua.....	1	1	c16
.....aggcaagaagucUgcaua.....	3	1	c16
.....aggcaagaagucggcUua.....	3	1	c16
.....agAcaagaagucggcaua.....	3	1	c16
.....aggcaagaagucCgcaua.....	1	1	c16
.....Cggcaagaagucggcaua.....	386	1	c16
.....aAgcaagaagucggcaua.....	1	1	c16
.....aggcaagaagucggUaua.....	2	1	c16
.....aggcCagaagucggcaua.....	2	1	c16
.....aggcaagaagucgCcaua.....	1	1	c16
.....aggcaaCaagucggcaua.....	2	1	c16
.....aggcaagaagucggcaua.....	3740	0	c16
.....agUcaagaagucggcaua.....	2	1	c16
.....aggcaGgaagucggcaua.....	1	1	c16
.....aggcaagaagucggcauU.....	10	1	c16
.....aggcaagaagucggcaAa.....	1	1	c16
.....aggcUagaagucggcauag.....	3	1	c16
.....aggcaagaagucggcauaA.....	65	1	c16
.....aggcaagaagucgAcauag.....	7	1	c16
.....aggcaagaagucUgcauag.....	33	1	c16
.....aggcaagaUgucggcauag.....	8	1	c16
.....aUgcaagaagucggcauag.....	18	1	c16
.....aggcaagaagGcggcauag.....	1	1	c16
.....aggcaagaagucgCcauag.....	27	1	c16
.....aggcaagaagucggGauag.....	9	1	c16
.....aggcaagaagucgUcauag.....	13	1	c16
.....aggcaagUagucggcauag.....	2	1	c16
.....aggcGagaagucggcauag.....	8	1	c16
.....aggcaagaCgucggcauag.....	22	1	c16
.....aggcaagaagucggcauag.....	28946	0	c16
.....aggcaagaagucggcUuag.....	7	1	c16
.....aggAaagaagucggcauag.....	51	1	c16
.....aAgcaagaagucggcauag.....	8	1	c16
.....aggUaagaagucggcauag.....	13	1	c16
.....aggcaagaaguAggcauag.....	25	1	c16
.....Cggcaagaagucggcauag.....	3385	1	c16

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....aggcaagaagucggcGuag.....	5	1	c16
.....aggcaCgaagucggcauag.....	5	1	c16
.....aggcaUgaagucggcauag.....	6	1	c16
.....aggcaagaaguUggcauag.....	7	1	c16
.....aggcaagaaUucggcauag.....	4	1	c16
.....aggcaagaagCcggcauag.....	5	1	c16
.....aggcaagaaAucggcauag.....	6	1	c16
.....aggcaaUaagucggcauag.....	14	1	c16
.....aggcaagaagucggcauGg.....	11	1	c16
.....Uggcaagaagucggcauag.....	30	1	c16
.....aggcaagaagucggcauaU.....	80	1	c16
.....aggcaagaagAcggcauag.....	12	1	c16
.....aggcaagaagucggcaGag.....	11	1	c16
.....aggcaagaagucggUauag.....	18	1	c16
.....aggcaaCaagucggcauag.....	19	1	c16
.....aggcaagaaguGggcauag.....	2	1	c16
.....aggGaagaagucggcauag.....	1	1	c16
.....agCcaagaagucggcauag.....	35	1	c16
.....agAcaagaagucggcauag.....	14	1	c16
.....aggcaaAaagucggcauag.....	2	1	c16
.....aggcaagGagucggcauag.....	6	1	c16
.....aggcaagaagucAgcauag.....	5	1	c16
.....aggcaagaagucggcCuag.....	2	1	c16
.....aggcaGgaagucggcauag.....	5	1	c16
.....aggcaagaagucggcaCag.....	3	1	c16
.....aggcaagaGgucggcauag.....	3	1	c16
.....aggcaagaagucCgcauag.....	18	1	c16
.....aCgcaagaagucggcauag.....	47	1	c16
.....aggcaagCagucggcauag.....	6	1	c16
.....aggcaagaagucggcauaC.....	23	1	c16
.....aggcaagaaCucggcauag.....	32	1	c16
.....aggcaagaagucggAauag.....	32	1	c16
.....aggcaagaagucggcauUg.....	5	1	c16
.....agUcaagaagucggcauag.....	18	1	c16
.....Gggcaagaagucggcauag.....	35	1	c16
.....aggcaagaagucggcauCg.....	1	1	c16
.....aggcaagaagucggcaAag.....	2	1	c16
.....aggcaagaCgucggcauagc.....	9	1	c16
.....aCgcaagaagucggcauagc.....	20	1	c16
.....aggUaagaagucggcauagc.....	11	1	c16
.....aggcaagaagucggcauaAc.....	2	1	c16
.....aggcaagaagucggcauagc.....	14402	0	c16
.....aggcaagaGgucggcauagc.....	4	1	c16
.....aggcaaUaagucggcauagc.....	4	1	c16
.....aggcaUgaagucggcauagc.....	1	1	c16
.....aggcUagaagucggcauagc.....	1	1	c16
.....aUgcaagaagucggcauagc.....	10	1	c16
.....aggcaagaaCucggcauagc.....	8	1	c16
.....aggcaagaagucggcUuagc.....	4	1	c16
.....aggcaagaagucggGauagc.....	3	1	c16
.....aggcaGgaagucggcauagc.....	6	1	c16
.....aggcaagaagucCgcauagc.....	6	1	c16
.....aggcaagaagucggcauagA.....	146	1	c16
.....aggcaagGagucggcauagc.....	1	1	c16
.....agUcaagaagucggcauagc.....	10	1	c16
.....aggcaagaagucggcCuagc.....	5	1	c16
.....aggcaagaagucggAauagc.....	14	1	c16
.....agAcaagaagucggcauagc.....	6	1	c16
.....aggcaagaaguUggcauagc.....	6	1	c16
.....aggcaagaaUucggcauagc.....	2	1	c16
.....aggcaagaagucggcauagG.....	50	1	c16
.....aggcaagaaAucggcauagc.....	1	1	c16
.....aggcaagaagucggcaCagc.....	3	1	c16
.....aggcaagaagucggcauaUc.....	7	1	c16
.....Gggcaagaagucggcauagc.....	15	1	c16
.....aggcaagaagucggcauCgc.....	9	1	c16
.....aggcaagaagucUgcauagc.....	15	1	c16
.....aAgcaagaagucggcauagc.....	7	1	c16
.....aggcaagCagucggcauagc.....	3	1	c16
.....Uggcaagaagucggcauagc.....	15	1	c16

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....aggcGagaagucggcauagc.....	8	1	c16
.....aggcaagaagucggcaGagc.....	8	1	c16
.....aggcaagaagCcggcauagc.....	2	1	c16
.....Cggcaagaagucggcauagc.....	1492	1	c16
.....aggAaagaagucggcauagc.....	29	1	c16
.....aggcaagaUgucggcauagc.....	1	1	c16
.....aggcaagaagucggcauaCc.....	14	1	c16
.....aggcaaCaagucggcauagc.....	5	1	c16
.....aggGaagaagucggcauagc.....	2	1	c16
.....aggcaagaagucggcGuagc.....	3	1	c16
.....aggcaagaagucAgcauagc.....	5	1	c16
.....aggcaCgaagucggcauagc.....	2	1	c16
.....agCcaagaagucggcauagc.....	17	1	c16
.....aggcaagaagucgCcauagc.....	5	1	c16
.....aggcaagaagucgUcauagc.....	7	1	c16
.....aggcaagaagucggcauGgc.....	4	1	c16
.....aggcaagaagAcggcauagc.....	7	1	c16
.....aggcaagaagucggcaAagc.....	3	1	c16
.....aggcaagaaguAggcauagc.....	22	1	c16
.....aggcaagaagucggcauagU.....	140	1	c16
.....aggcaagaagucgAcauagc.....	4	1	c16
.....aggcaagaagucggUauagc.....	10	1	c16
.....aggcaagCagucggcauagcu.....	11	1	c16
.....aggcaagaagucggcaCagcu.....	10	1	c16
.....aggcaagaagucggUauagcu.....	15	1	c16
.....aggcaGgaagucggcauagcu.....	9	1	c16
.....aggcaagaagucggcauCgcu.....	7	1	c16
.....aggcaagaagucggGauagcu.....	9	1	c16
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.....Gggcaagaagucggcauagcu.....	28	1	c16
.....aCgcaagaagucggcauagcu.....	44	1	c16
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.....aggcaagGagucggcauagcu.....	6	1	c16
.....agCcaagaagucggcauagcu.....	28	1	c16
.....aggcaagaaguAggcauagcu.....	32	1	c16
.....aggcaagaUgucggcauagcu.....	3	1	c16
.....aUgcaagaagucggcauagcu.....	23	1	c16
.....aggcaagaagucggcCuagcu.....	14	1	c16
.....aggcUagaagucggcauagcu.....	3	1	c16
.....aggAaagaagucggcauagcu.....	43	1	c16
.....aggGaagaagucggcauagcu.....	2	1	c16
.....aggcaCgaagucggcauagcu.....	8	1	c16
.....aggUaagaagucggcauagcu.....	13	1	c16
.....aggcaagaagucggcauaCcu.....	26	1	c16
.....agUcaagaagucggcauagcu.....	15	1	c16
.....aggcaagaaAucggcauagcu.....	3	1	c16
.....aggcaagaaguUggcauagcu.....	18	1	c16
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Mature Star

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.....aggcaagaCgucggcauagcu.....	18	1	c16
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.....aggcaaUaagucggcauagcu.....	9	1	c16
.....Cggcaagaagucggcauagcu.....	3272	1	c16
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Mature Star

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.....aggcaagaagucggcaGagcug.....	4	1	c16
.....aggcUagaagucggcauagcug.....	1	1	c16
.....aggcaagaagucggcauagcGg.....	7	1	c16
.....aggcaagaaAucggcauagcug.....	4	1	c16
.....aggcaagaagucgUcauagcug.....	18	1	c16
.....aggcaagaagucggcauaCcug.....	19	1	c16
.....Cggcaagaagucggcauagcug.....	3192	1	c16
.....agAcaagaagucggcauagcug.....	6	1	c16
.....aggcaagaagucggcauUgcug.....	5	1	c16
.....aUgcaagaagucggcauagcug.....	20	1	c16
.....aggcaagaagucggcauagcuU.....	842	1	c16
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.....aggcaagaagucggcauaCcugu.....	174	1	c16
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Mature Star

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.....agCcaagaagucggcauagcugu.....	193	1	c16
.....aggcaagaaAucggcauagcugu.....	14	1	c16
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.....aggcaagaagucUgcauagcugu.....	88	1	c16
.....aggcaagGagucggcauagcugu.....	21	1	c16
.....aggcaagaagucggcauagcugG.....	106	1	c16
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Mature Star

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.....aggcaagaagucgUcauagcuguu.....	9	1	c16
.....aggcaagaagucggcauGgcuguu.....	13	1	c16
.....agAcaagaagucggcauagcuguu.....	8	1	c16
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.....aCgcaagaagucggcauagcuguuu.....	11	1	c16
.....aggcaagaagAcggcauagcuguuu.....	1	1	c16
.....aggcaagaagucggUauagcuguuu.....	6	1	c16

Mature Star

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.....aggcaagaagucggcauagcuguCu.....	124	1	c16
.....aggcaagaagucgUcauagcuguuu.....	5	1	c16
.....aggcaaCaagucggcauagcuguuu.....	2	1	c16
.....aggcaagaagucggcauagcuUuuu.....	7	1	c16
.....agCcaagaagucggcauagcuguuu.....	14	1	c16
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.....aggcaagaagucggcauagcuguuugG.....	1	1	c16
.....aggcaagaagucggcauagcuguuGga.....	1	1	c16
.....Cggcaagaagucggcauagcuguuuga.....	1	1	c16
.....aggcaagaagucggcauagcuguuuAau.....	1	1	c16
.....aggcaagaagucggcauagcuguuugGu.....	1	1	c16
.....aggcaagaagucggcauagcuguuuUau.....	25	1	c16
.....aggcaagaagucggcauagcuguuuCau.....	2	1	c16
.....Cggcaagaagucggcauagcuguuugauguuggua.....	1	1	c16
.....aggcaagaagucggcauagcuguuugauguugguaua.....	1	0	c16
.....aggcaagaagucggcauagcuguuugauguugguauac.....	2	0	c16
.....gUcaagaagucggcauag.....	1	1	c16
.....ggGaagaagucggcauag.....	2	1	c16
.....ggUaagaagucggcauag.....	2	1	c16
.....Cgcaagaagucggcauag.....	1	1	c16
.....Agcaagaagucggcauag.....	4	1	c16
.....ggcaagaagucggcauag.....	15	0	c16
.....ggcaagaagucggcauagc.....	3	0	c16
.....ggUaagaagucggcauagc.....	1	1	c16
.....ggcaagaagucggcauagcu.....	16	0	c16
.....ggAaagaagucggcauagcu.....	2	1	c16
.....ggAaagaagucggcauagcug.....	1	1	c16
.....Agcaagaagucggcauagcug.....	2	1	c16
.....ggcaagaagucggcauagcug.....	21	0	c16
.....ggAaagaagucggcauagcugu.....	4	1	c16
.....gCcaagaagucggcauagcugu.....	1	1	c16
.....Cgcaagaagucggcauagcugu.....	1	1	c16
.....ggGaagaagucggcauagcugu.....	1	1	c16
.....Agcaagaagucggcauagcugu.....	7	1	c16
.....ggUaagaagucggcauagcugu.....	4	1	c16
.....gUcaagaagucggcauagcugu.....	1	1	c16
.....gAcaagaagucggcauagcugu.....	5	1	c16
.....ggcaaCaagucggcauagcugu.....	1	1	c16
.....ggcaagaagucgUcauagcugu.....	1	1	c16
.....ggcaagaagucggcauagcugu.....	122	0	c16
.....Cgcaagaagucggcauagcuguu.....	1	1	c16
.....ggUaagaagucggcauagcuguu.....	1	1	c16
.....ggcaagaagucggcauagcuguu.....	30	0	c16
.....ggcaagaagucggcauagcuguA.....	3	1	c16
.....ggcaagaagucggcauagcuguAu.....	1	1	c16
.....Cgcaagaagucggcauagcuguuu.....	2	1	c16

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....ggcaagaagucggcauagcuguuA.....	1	1	c16
.....ggcaagaagucggcauagcuCuuu.....	1	1	c16
.....ggcaagaagucggcauagcuguuu.....	19	0	c16
.....ggcaagaagucggcauagcuguGu.....	1	1	c16
.....ggcaagaagucggcauagcuguCu.....	1	1	c16
.....ggcaagaagucggcauagcuguuC.....	1	1	c16
.....Agcaagaagucggcauagcuguuu.....	1	1	c16
.....ggcaagaagucggcauagcugGuu.....	1	1	c16
.....ggcaagaagucgAcauagcuguuu.....	1	1	c16
.....ggcaagaagucggcauagcuguuuC.....	1	1	c16
.....gcaagaagucggcauagc.....	7	0	c16
.....Ucaagaagucggcauagc.....	1	1	c16
.....gcUagaagucggcauagcu.....	1	1	c16
.....gGaagaagucggcauagcu.....	2	1	c16
.....gcCagaagucggcauagcu.....	1	1	c16
.....gcaagaagucggcauagcu.....	19	0	c16
.....gcaagaagucggcauagcug.....	12	0	c16
.....gcaagaagucggcaAagcug.....	1	1	c16
.....gGaagaagucggcauagcug.....	1	1	c16
.....Ucaagaagucggcauagcugu.....	2	1	c16
.....gcaagaaguUggcauagcugu.....	1	1	c16
.....gcaagaaUucggcauagcugu.....	1	1	c16
.....gcaagaagucggcGuagcugu.....	1	1	c16
.....gUaagaagucggcauagcugu.....	1	1	c16
.....gGaagaagucggcauagcugu.....	6	1	c16
.....gcUagaagucggcauagcugu.....	1	1	c16
.....Ccaagaagucggcauagcugu.....	2	1	c16
.....gcaagaagucggcauagcAgu.....	1	1	c16
.....gcaagaagucggcauagcuCu.....	1	1	c16
.....Acaagaagucggcauagcugu.....	1	1	c16
.....gcaagaagucggcauagcugu.....	76	0	c16
.....gcaagaagucggcauagcuguA.....	1	1	c16
.....gcaagaagucggcauagcuguu.....	13	0	c16
.....gcaagaagucUgcauagcuguu.....	1	1	c16
.....Ucaagaagucggcauagcuguu.....	1	1	c16
.....gcaagaagucggcauagcuguuu.....	5	0	c16
.....gcaagaagucggcauagcuguAu.....	1	1	c16
.....gcaagaagucggcauagcuguuG.....	1	1	c16
.....gcaagaagucggcauagcuguuuU.....	2	1	c16
.....cGagaagucggcauagcu.....	1	1	c16
.....caagaagucggcauagcu.....	72	0	c16
.....caagaagucggcauagcug.....	55	0	c16
.....caagaagucggcauagcuU.....	1	1	c16
.....caagaagucggcauagcuA.....	1	1	c16
.....caagaagucAgcauagcug.....	1	1	c16
.....cUagaagucggcauagcug.....	1	1	c16
.....caagaagucUgcauagcug.....	1	1	c16
.....caagaagucggcauagcugC.....	1	1	c16
.....caagaagucggcauaCcugu.....	1	1	c16
.....caaUaagucggcauagcugu.....	1	1	c16
.....caagaagucggcauagUugu.....	1	1	c16
.....caagaagucggcauagcugu.....	414	0	c16
.....caagaagucggcauagcugG.....	3	1	c16
.....cGagaagucggcauagcugu.....	1	1	c16
.....caagaagucAgcauagcugu.....	1	1	c16
.....caagaagucggAauagcugu.....	1	1	c16
.....caagaagucggcauagGugu.....	1	1	c16
.....caagCagucggcauagcugu.....	1	1	c16
.....caagaaCucggcauagcugu.....	1	1	c16
.....caGgaagucggcauagcugu.....	1	1	c16
.....caagaagucggcauagcuguA.....	11	1	c16
.....caagaagucggcauagcuguu.....	59	0	c16
.....caagaagucggcauagcuguGu.....	1	1	c16
.....caagaagucggcauagcuguuu.....	23	0	c16
.....caagaagucggcauagcuguuG.....	1	1	c16
.....caagaagucggcauagcuguuA.....	1	1	c16
.....caagaagucggcauagcuguCu.....	1	1	c16
.....caagaagucggcauagcuguAu.....	3	1	c16
.....caagaagucggAauagcuguuu.....	1	1	c16
.....caagaagucggcauagcuguuuU.....	3	1	c16

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....aagaagucggcauagAug.....	1	1	c16
.....aagaagucggcauagcuU.....	3	1	c16
.....aagUagucggcauagcug.....	1	1	c16
.....aagaagucggcauagcug.....	87	0	c16
.....aagaagucggcauagcAg.....	1	1	c16
.....aagaagucggcauagcAgu.....	1	1	c16
.....aagUagucggcauagcugu.....	1	1	c16
.....aagaagucCgcauagcugu.....	2	1	c16
.....aagaagucggcauagcugu.....	615	0	c16
.....aagaagucggUauagcugu.....	1	1	c16
.....aagaagucggcauagcugA.....	2	1	c16
.....aagaagucggcauaCcugu.....	1	1	c16
.....Cagaagucggcauagcugu.....	6	1	c16
.....aagaagucggcauagAugu.....	2	1	c16
.....aGgaagucggcauagcugu.....	1	1	c16
.....Gagaagucggcauagcugu.....	1	1	c16
.....aaCaagucggcauagcugu.....	1	1	c16
.....aagaagucggcauagcuUu.....	2	1	c16
.....aagaagucggcauagUugu.....	1	1	c16
.....aagaaguAggcauagcuguu.....	1	1	c16
.....aagaagucggcauagcuUuu.....	1	1	c16
.....aagaagucggcauagcugGu.....	1	1	c16
.....aagaagucggcauagcuguA.....	13	1	c16
.....aagaagucggcauagcuguG.....	3	1	c16
.....Cagaagucggcauagcuguu.....	4	1	c16
.....aagaagucggcauagcuguu.....	117	0	c16
.....aagaagucggcauagcuguCu.....	1	1	c16
.....Cagaagucggcauagcuguuu.....	1	1	c16
.....aagaagucggcauagcuguuA.....	4	1	c16
.....aagUagucggcauagcuguuu.....	1	1	c16
.....aagaagucggcauagcuguuu.....	31	0	c16
.....aagaagucggcauagcuguAu.....	8	1	c16
.....aagaagucggcauagcuguuuU.....	10	1	c16
.....agaagucggcauagcugu.....	250	0	c16
.....Cgaagucggcauagcugu.....	10	1	c16
.....agaagucggcauagcAgu.....	1	1	c16
.....agaagAcggcauagcugu.....	1	1	c16
.....agaagucggcUuagcugu.....	1	1	c16
.....agaagucggcauagcuguu.....	44	0	c16
.....agaagucggcauagcuguA.....	6	1	c16
.....agaagucggcauagcuguG.....	1	1	c16
.....agaagucggcauagAuguu.....	1	1	c16
.....agaagucggcauagcuguuA.....	1	1	c16
.....agaagucggcauagcuguuu.....	17	0	c16
.....agaagucggGauagcuguuu.....	1	1	c16
.....agaagucggcauagcuguCu.....	1	1	c16
.....Cgaagucggcauagcuguuu.....	3	1	c16
.....agaagucggcauagcuguAu.....	3	1	c16
.....agaagucggcauagcuguuuU.....	2	1	c16
.....agaagucggcauagcuguuuUa.....	1	1	c16
.....gaagucggcauagcuguu.....	8	0	c16
.....gaagucggcauagcuguA.....	1	1	c16
.....gaagucggcauagcuguAu.....	3	1	c16
.....gaagucggcauagcuguuu.....	2	0	c16
.....gaagucggcauagcuguuuU.....	3	1	c16
.....aagucggcauagcuguuu.....	3	0	c16
.....aagucggcauagcuguAu.....	2	1	c16
.....aagucggcauagcuguuuU.....	1	1	c16
.....uugauguugguauacggcugugucacuucgagccagc.....	1	0	c16
.....ggcugugucacuucgagccag.....	2	0	c16
.....ggcugugucacuucgagccagcu.....	1	0	c16
.....cugugucacuucgagccag.....	1	0	c16
.....cugugucCcuucgagccag.....	1	1	c16
.....cugugucacuucgagccagc.....	2	0	c16
.....ugugucacuucgagccagc.....	1	0	c16

.....ggaaggcaagaagucggcauagcu.....	1	0	c04
.....aaggcaagaagucggcau.....	2	0	c04
.....Caggcaagaagucggcaua.....	1	1	c04
.....aaggcaagaagucggcauag.....	6	0	c04

Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....Caggcaagaagucggcauag.....	1	1	c04
.....aaggcaagaagucggcaAagc.....	1	1	c04
.....aaggcaagaagucggcauagc.....	2	0	c04
.....aaggcaagaagucggcauagcu.....	6	0	c04
.....aaggcaagaagucggcauagcA.....	1	1	c04
.....aaggcaagaagucggcauagcug.....	1	0	c04
.....aaggcaagaagucggcauagcugu.....	1	0	c04
.....aggcaagaagucggcaua.....	59	0	c04
.....aggcaagaaUucggcaua.....	1	1	c04
.....aggAaagaagucggcaua.....	1	1	c04
.....Cggcaagaagucggcaua.....	1	1	c04
.....aggcaagaaguAggcaua.....	1	1	c04
.....aggcaagaagucggcauaU.....	1	1	c04
.....aggcaagaagucggcauag.....	41	0	c04
.....Cggcaagaagucggcauag.....	1	1	c04
.....aggcaagaCgucggcauag.....	1	1	c04
.....aUgcaagaagucggcauagc.....	1	1	c04
.....aggcaagaagucggcGuagc.....	1	1	c04
.....Cggcaagaagucggcauagc.....	1	1	c04
.....aggcaagaagucggcauagc.....	119	0	c04
.....aggcaagaagucggcauagA.....	1	1	c04
.....agCcaagaagucggcauagcu.....	1	1	c04
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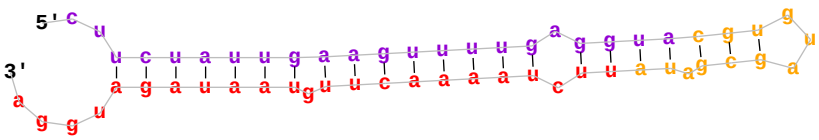
.....aggcaagaagucggcauagcu.....	451	0	c04
.....aggcaagaagucggAauagcu.....	1	1	c04
.....aggcaGgaagucggcauagcu.....	1	1	c04
.....aggcaagaagucAgcauagcu.....	1	1	c04
.....Cggcaagaagucggcauagcu.....	20	1	c04
.....aggcaagaagucUgcauagcu.....	1	1	c04
.....Gggcaagaagucggcauagcu.....	1	1	c04
.....aggcaagaagCcggcauagcu.....	1	1	c04
.....aggcaagaagucggcauaCcu.....	1	1	c04
.....aggcaagaagucgCcauagcu.....	2	1	c04
.....aggcaagaagucggcauagcA.....	6	1	c04
.....aggcaagaagucggcauagcuC.....	1	1	c04
.....aggcaagaagucggcauagcug.....	313	0	c04
.....aggcaagaagucggcaGagcug.....	1	1	c04
.....agUcaagaagucggcauagcug.....	1	1	c04
.....aggcaagaagucggcauagcuU.....	9	1	c04
.....Cggcaagaagucggcauagcug.....	14	1	c04
.....aggcaagaagucggcauagAug.....	1	1	c04
.....aggcaagaagucggcauagcuA.....	3	1	c04
.....Uggcaagaagucggcauagcug.....	2	1	c04
.....aggcaagaagucgUcauagcug.....	1	1	c04
.....aggcaagaagucCgcauagcug.....	1	1	c04
.....aCgcaagaagucggcauagcug.....	1	1	c04
.....aggcaagaaCucggcauagcug.....	1	1	c04
.....aggcaagaaUucggcauagcugu.....	1	1	c04
.....aCgcaagaagucggcauagcugu.....	2	1	c04
.....aggcaagaagucggcauaAcugu.....	1	1	c04
.....aggcaagaagucggcauagcugA.....	5	1	c04
.....aggcaagaagucgCcauagcugu.....	3	1	c04
.....aggcaagaagucggcauagcGgu.....	2	1	c04
.....aggcaagaagucggcauagcuUu.....	1	1	c04
.....aAgcaagaagucggcauagcugu.....	1	1	c04
.....aggcaagaagucggcauagUugu.....	3	1	c04
.....Cggcaagaagucggcauagcugu.....	66	1	c04
.....aggcaaCaagucggcauagcugu.....	1	1	c04
.....aggcaagaagucggcCuagcugu.....	1	1	c04
.....aggcaagaagucggcUuagcugu.....	1	1	c04
.....aggAaagaagucggcauagcugu.....	3	1	c04
.....aggcaagaaguUggcauagcugu.....	3	1	c04
.....aggcaagaagucggcauaCcugu.....	2	1	c04
.....aggcaagaagucggUauagcugu.....	1	1	c04
.....aggcaagaaCucggcauagcugu.....	1	1	c04
.....aggcaagaagucggcauagcugC.....	2	1	c04
.....aggcaagaagucggcauagcugu.....	1590	0	c04
.....aggcaagaagucgAcauagcugu.....	1	1	c04
.....aggUaagaagucggcauagcugu.....	1	1	c04
.....aggcaagaagucggcaCagcugu.....	1	1	c04

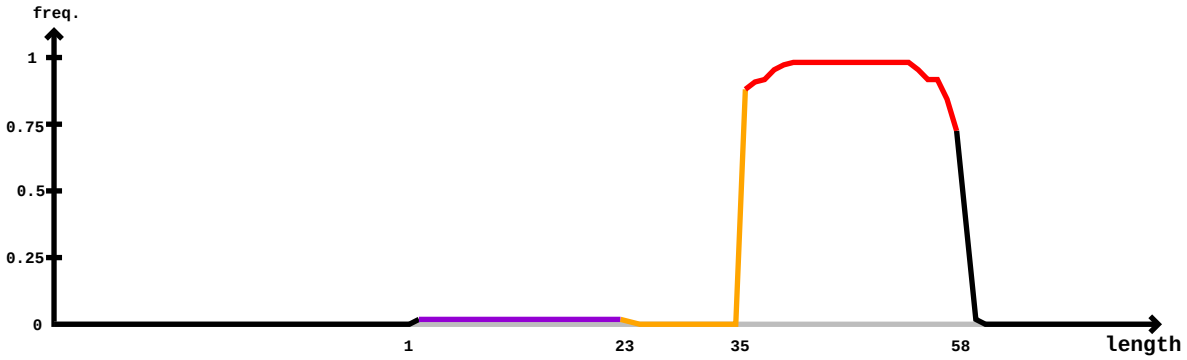
Mature Star

agucgagccgguggcuggga**aggcaagaagucggcauagcugu**uugauguugguauac**ggcugugucacuucgagccag**cucaauccaccggcuuucugcgauugaag

.....aggcaagaagucggAauagcugu.....	4	1	c04
.....aggcaagaagucggcauCgcugu.....	3	1	c04
.....agCcaagaagucggcauagcugu.....	3	1	c04
.....aUgcaagaagucggcauagcugu.....	3	1	c04
.....aggcaGgaagucggcauagcugu.....	1	1	c04
.....Uggcaagaagucggcauagcugu.....	1	1	c04
.....aggcaagaagucggcauGgcugu.....	1	1	c04
.....agUcaagaagucggcauagcugu.....	1	1	c04
.....aggcaagaagucggcauagcuguC.....	3	1	c04
.....agAcaagaagucggcauagcuguu.....	1	1	c04
.....aggcaagaagucggcauagcuAuu.....	2	1	c04
.....Cggcaagaagucggcauagcuguu.....	8	1	c04
.....Gggcaagaagucggcauagcuguu.....	2	1	c04
.....aggcaagaagucggcauagcuguu.....	122	0	c04
.....aggcaagaagucggcauaCcuguu.....	1	1	c04
.....aggcaagaagucggcauagcuguG.....	3	1	c04
.....aggcaagaagucggcauagcuguA.....	28	1	c04
.....aggcaagaagucggcauagcuUuu.....	1	1	c04
.....aggcaGgaagucggcauagcuguu.....	2	1	c04
.....aggcaagaagucggcauagcuguuu.....	34	0	c04
.....agAcaagaagucggcauagcuguuu.....	1	1	c04
.....Cggcaagaagucggcauagcuguuu.....	3	1	c04
.....aggcaagaagucggcauagcuguuC.....	1	1	c04
.....aggcaagaagucggcauagcuguuG.....	1	1	c04
.....aggcaagaagucggcauagcuguAu.....	2	1	c04
.....aggcaagaagucggGauagcuguuu.....	1	1	c04
.....aggcaagaagucggcauagcuguuA.....	2	1	c04
.....aggcaagaagucggcauagcuguuuU.....	6	1	c04
.....ggAaagaagucggcauagcugu.....	1	1	c04
.....gcaagaagucggcauagcCgu.....	1	1	c04
.....caagaagucggcauagcu.....	2	0	c04
.....caagaagucggcauagcug.....	2	0	c04
.....caagaagucggcauagcugu.....	4	0	c04
.....aagaagucggcauagcug.....	1	0	c04
.....Cagaagucggcauagcugu.....	1	1	c04
.....aagaagucggcauagcugu.....	4	0	c04
.....aagaagucggcauagcuguuu.....	1	0	c04
.....agaagucggcauagcugu.....	5	0	c04
.....aagucggcauagcuguuu.....	1	0	c04
.....ugauguugguauacggcugugucacuucgagccag.....	1	0	c04

Provisional ID	:	group1_1525
Score total	:	54.7
Score for star read(s)	:	3.9
Score for read counts	:	49.6
Score for mfe	:	0.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	109
Mature read count	:	107
Loop read count	:	0
Star read count	:	2





Star **Mature**

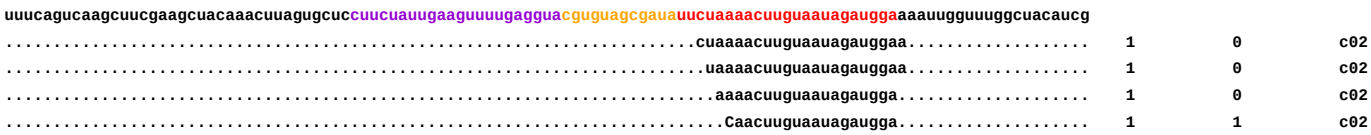
```
5'- uuucagucaagcuucgaagcuacaaacuuagugcucCUUCUAUUGAAGUUUUGAGGUACGUGUAGCGAUAUUCUAAAACUUGUAAUAGAUGGAAAAUUGGUUUGGCUACAUCG -3'   obs
    uuucagucaagcuucgaagcuacaaacuuagugcucCUUCUAUUGAAGUUUUGAGGUACGUGUAGCGAUAUUCUAAAACUUGUAAUAGAUGGAAAAUUGGUUUGGCUACAUCG       exp
    .........((((....)))).((((((.(((..(((.(((((((((((((((.(((((((...))).)))).)))))))).)))))))..)))..)))))))).........   reads   mm   sample
    ...........................................................uucuaaaacuuguaauagaugga.....................   3       0    c16

    ...................................cuucuauugaaguuuugaggua.....................................................   1       0    c04
    ...........................................................uucuaaaacuuguaauag..........................   1       0    c04
    ...........................................................Gucuaaaacuuguaauaga.........................   1       1    c04
    ...........................................................uucuaaaacuuguaauagaug.......................   7       0    c04
    ...........................................................uucuaaaacuuguaauagaugg......................   4       0    c04
    ...........................................................uucuaaaacuuCuaauagaugga.....................   1       1    c04
    ...........................................................uucuaaaacuuguaauagaugga.....................   20      0    c04
    ...........................................................Gucuaaaacuuguaauagaugga.....................   2       1    c04
    ...........................................................uucuaaaacuuguaauagauggaa....................   2       0    c04
    .........................................................uaaaacuuguaauagaugga.....................   2       0    c04
    .........................................................aaaacuuguaauagaugga.....................   1       0    c04

    ...........................................................uucuaaaacuuguaauag..........................   1       0    c09
    ...........................................................uucuaaaacuuguaauagaug.......................   1       0    c09
    ...........................................................uucuaaaacuuguaauagaugg......................   4       0    c09
    ...........................................................uucuaaaacuuguaauagaugga.....................   8       0    c09
    .........................................................ucuaaaacuuguaauagaugga.....................   3       0    c09
    .........................................................uaaaacuuguaauagaugga.....................   1       0    c09

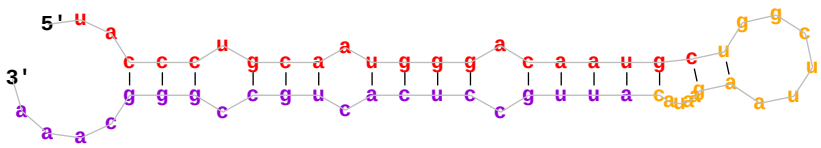
    ...........................................................uucuaaaacuuguaauagaugga.....................   12      0    c15
    ...........................................................uucuaaaacuuguaauagauggaaa...................   1       0    c15

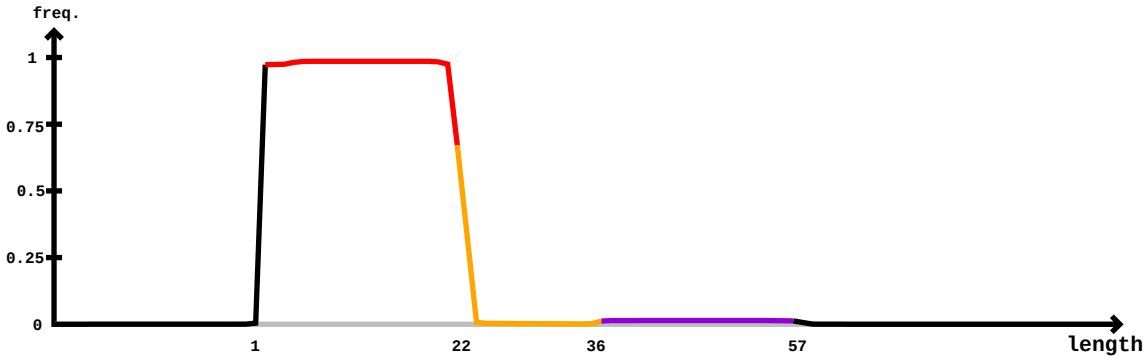
    ...................................cuucuauugaaguuuugagguU.....................................................   1       1    c02
    ...........................................................uucuaaaacuuguaauaC..........................   1       1    c02
    ...........................................................Gucuaaaacuuguaauaga.........................   1       1    c02
    ...........................................................uucuaaaacuuguaauaga.........................   2       0    c02
    ...........................................................uucuaaaacuuguaauagaugg......................   5       0    c02
    ...........................................................uucuaaaacuuguaauagaugga.....................   10      0    c02
    ...........................................................uucuaaaacuuguaauagauggaa....................   7       0    c02
    ...........................................................uuUuaaaacuuguaauagauggaa....................   1       1    c02
    ...........................................................uucuaaaacuuguaauagauggaaU...................   1       1    c02
```



1	0	c02
1	0	c02
1	0	c02
1	1	c02

Provisional ID	:	group1_1528
Score total	:	2963
Score for star read(s)	:	3.9
Score for read counts	:	2958.1
Score for mfe	:	0
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	5814
Mature read count	:	5732
Loop read count	:	0
Star read count	:	82





Mature **Star**

```
5'- gauaaacuagaggaaggguuuuacccugcaaugggacaaugcuggcuuaagaauacauugccucacugccgggcaaaauccuuucccuuacagucaacacucaccacaac  -3'   obs
    gauaaacuagaggaaggguuuuacccugcaaugggacaaugcuggcuuaagaauacauugccucacugccgggcaaaauccuuucccuuacagucaacacucaccacaac        exp
    (((.....((.((((((((((.(((.(((.(((((.(((((((.....)).....)))))).))))).))).))).)))).)))))))..))....))).............  reads   mm   sample
    ................uuuuacccugcaaugggacaaug.....................................................................  1       0    c02
    ..................uuacccugcaaugggacaaug.....................................................................  2       0    c02
    ..................uuacccugcaaugggacaaugc....................................................................  2       0    c02
    ....................uacccugcaaugggacaa......................................................................  1       0    c02
    ....................Gacccugcaaugggacaau.....................................................................  1       1    c02
    ....................uacccugcaaugggacaau.....................................................................  6       0    c02
    ....................uacccugcaaugggaAaaug....................................................................  1       1    c02
    ....................uacAcugcaaugggacaaug....................................................................  2       1    c02
    ....................Aacccugcaaugggacaaug....................................................................  1       1    c02
    ....................uacccugcaaugggacaauA....................................................................  1       1    c02
    ....................uacccugcaaugggacaauC....................................................................  1       1    c02
    ....................uacccugAaaugggacaaug....................................................................  1       1    c02
    ....................uacccugcaauCggacaaug....................................................................  1       1    c02
    ....................uGcccugcaaugggacaaug....................................................................  1       1    c02
    ....................uaAccugcaaugggacaaug....................................................................  2       1    c02
    ....................uacccugcaaugUgacaaug....................................................................  1       1    c02
    ....................uacccugcaaugggacaaug....................................................................  280     0    c02
    ....................Gacccugcaaugggacaaug....................................................................  17      1    c02
    ....................uacAcugcaaugggacaaugc...................................................................  2       1    c02
    ....................uacccugcaaugggacaauAc...................................................................  1       1    c02
    ....................uGcccugcaaugggacaaugc...................................................................  1       1    c02
    ....................uacccCgcaaugggacaaugc...................................................................  1       1    c02
    ....................Aacccugcaaugggacaaugc...................................................................  1       1    c02
    ....................Gacccugcaaugggacaaugc...................................................................  26      1    c02
    ....................uacccugcaaugggacaaugc...................................................................  299     0    c02
    ....................uaccAugcaaugggacaaugc...................................................................  1       1    c02
    ....................uacccuCcaaugggacaaugc...................................................................  1       1    c02
    ....................uacccugcaaugggCcaaugc...................................................................  1       1    c02
    ....................uacccugcaaugggacGaugc...................................................................  1       1    c02
    ....................uacccugcaaugggacCaugc...................................................................  1       1    c02
    ....................uacccugcaaugggacaauCc...................................................................  1       1    c02
    ....................uCcccugcaaugggacaaugcu..................................................................  1       1    c02
    ....................uUcccugcaaugggacaaugcu..................................................................  1       1    c02
```

Mature Star

gauaaacuagaggaagguuuuacccugcaaugggacaaugcuggcuuaagaauacauugccucacugccgggcaaaauccuuucccuuacagucaacacucaccacaac

.....uaccAugcaaugggacaaugcu.....	1	1	c02
.....uacccugUaaugggacaaugcu.....	1	1	c02
.....uacccugAaaugggacaaugcu.....	1	1	c02
.....uacccugcaaugggacaaugcu.....	116	0	c02
.....uacccugcaaugggacaaugcC.....	1	1	c02
.....uacccuUcaaugggacaaugcu.....	1	1	c02
.....Gacccugcaaugggacaaugcu.....	9	1	c02
.....uacccugcaaugCgacaaugcu.....	1	1	c02
.....uaccUugcaaugggacaaugcu.....	1	1	c02
.....uacccugcaaugggacaaugcA.....	4	1	c02
.....uacccugcaaugggacaaugcuC.....	1	1	c02
.....uacccugcaaugggacaaugcuggcuuaagaauac.....	1	0	c02
.....acccugcaaugggacaaugc.....	1	0	c02
.....ccugcaaugggacaaugc.....	3	0	c02
.....cugcaaugggacaaugcu.....	2	0	c02
.....auugccucacugccgggcaa.....	2	0	c02
.....auugccucacugccgggcaaa.....	1	0	c02
.....auugccucacugccgggcaaaa.....	2	0	c02
.....ccucacugccgggcaaaa.....	1	0	c02

.....uuacccugcaaugggacaaug.....	2	0	c15
.....uuacccugcaaugggacaaugc.....	7	0	c15
.....uuacccugcaaugggacaauAc.....	1	1	c15
.....uacccugcaaugggacCa.....	1	1	c15
.....uacccugcaaugggacaa.....	1	0	c15
.....uacccugcaaugggacaauC.....	1	1	c15
.....uacccugcaaugggacaaug.....	82	0	c15
.....uacccugcaaugggacaauA.....	3	1	c15
.....uacccugcaaugggacaaugc.....	427	0	c15
.....uacccugGaaugggacaaugc.....	1	1	c15
.....uacccugcaaugggacaauAc.....	5	1	c15
.....uacccugcaaugggacaaugA.....	15	1	c15
.....uacccAgcaaugggacaaugc.....	1	1	c15
.....uacccugUaaugggacaaugc.....	1	1	c15
.....uacccugcaaugggacaaugU.....	2	1	c15
.....uacccugcaaugggacaaugAu.....	1	1	c15
.....Cacccugcaaugggacaaugcu.....	1	1	c15
.....uacccugcaaugggacaaugcu.....	152	0	c15
.....uacccugcaaugggaAaaugcu.....	1	1	c15
.....uacccugcaaugggacaaugGu.....	1	1	c15
.....uacccugcaaugggacaaugcA.....	6	1	c15
.....uacccugUaaugggacaaugcu.....	1	1	c15
.....uacccugcaaugggacaaugcug.....	1	0	c15
.....uacccugcaaugggacaaugcuU.....	3	1	c15
.....uacccugcaaugggacaaugcuC.....	1	1	c15
.....uacccugcaaugggacaaugcuggcuu.....	1	0	c15
.....uacccugcaaugggacaaugcuggcuuaag.....	1	0	c15
.....uacccugcaaugggacaaugcuggcuuaaga.....	1	0	c15
.....uacccugcaaugggacaaugcuggcuuaagaa.....	2	0	c15
.....uacccugcaaugggacaaugcuggcuuaagaau.....	2	0	c15
.....acccugcaaugggacaaugc.....	2	0	c15
.....ccugcaaugggacaaugA.....	1	1	c15
.....ccugcaaugggacaaugc.....	3	0	c15
.....ccugcaaugggacaaugcu.....	1	0	c15
.....cauugccucacugccgggcaaa.....	1	0	c15
.....cauugccucacugccgggcaaaa.....	2	0	c15
.....auugccucacugccgggcaaa.....	4	0	c15
.....auugccucacugccgggcaaaa.....	13	0	c15
.....auugccucacugccgggcaaUau.....	1	1	c15
.....uugccucacugccgggcaaaa.....	2	0	c15

..uaaacuagaggaagguuu.....	1	0	c16
.....uuacccugcaaugggacaau.....	1	0	c16
.....uuacccugcaaugggacaaug.....	2	0	c16
.....uuacccugcaaugggacaaugc.....	3	0	c16
.....uacccugcaaugggacaa.....	2	0	c16
.....uacccugcaaugggacaau.....	29	0	c16
.....Gacccugcaaugggacaau.....	2	1	c16
.....uacccugcaaugggacaauU.....	2	1	c16
.....uacAcugcaaugggacaaug.....	4	1	c16

Mature Star

gauaaacuagaggaagguuuuacccugcaaugggacaaugcuggcuuaagaauacauugccucacugccgggcaaaauccuuucccuuacagucaacacucaccacaac

.....uaccUugcaaugggacaaug.....	1	1	c16
.....uacccugcaauCggacaaug.....	2	1	c16
.....uacUcugcaaugggacaaug.....	1	1	c16
.....uacccugcaaugCgacaaug.....	1	1	c16
.....uacccugcaaugggacaaAg.....	1	1	c16
.....uacccugcaaugggaAaaug.....	1	1	c16
.....uaAccugcaaugggacaaug.....	1	1	c16
.....uacccCgcaaugggacaaug.....	2	1	c16
.....uacccugcaaugggacaaug.....	1124	0	c16
.....uacccugcaauggUacaaug.....	1	1	c16
.....uacccugcaaugggaGaaug.....	1	1	c16
.....uCcccugcaaugggacaaug.....	1	1	c16
.....Aacccugcaaugggacaaug.....	1	1	c16
.....uacccuUcaaugggacaaug.....	2	1	c16
.....uacGcugcaaugggacaaug.....	1	1	c16
.....uacccugcaaugggGcaaug.....	1	1	c16
.....uacccugcaaugggCcaaug.....	1	1	c16
.....uacccuCcaaugggacaaug.....	1	1	c16
.....Gacccugcaaugggacaaug.....	85	1	c16
.....uaUccugcaaugggacaaug.....	2	1	c16
.....uacccugcaaCgggacaaug.....	1	1	c16
.....uacccugcaaugggacaauCc.....	2	1	c16
.....Cacccugcaaugggacaaugc.....	2	1	c16
.....uacccugcaaugggacaaugc.....	1262	0	c16
.....uacccugcaauggCacaaugc.....	2	1	c16
.....uacccugcaUugggacaaugc.....	2	1	c16
.....Aacccugcaaugggacaaugc.....	3	1	c16
.....uacccugUaaugggacaaugc.....	3	1	c16
.....uacccugcaGugggacaaugc.....	1	1	c16
.....uacAcugcaaugggacaaugc.....	4	1	c16
.....uacccugcaaugggacaGugc.....	1	1	c16
.....uacccugcaaugggUcaaugc.....	1	1	c16
.....uacccugcaauggUacaaugc.....	2	1	c16
.....uacccugcaaugggacUaugc.....	1	1	c16
.....uacccuCcaaugggacaaugc.....	2	1	c16
.....uaUccugcaaugggacaaugc.....	3	1	c16
.....uacccugcaaugggacaaugU.....	2	1	c16
.....uacccugcaaugggacaaugA.....	3	1	c16
.....uacccugcaaAgggacaaugc.....	1	1	c16
.....uCcccugcaaugggacaaugc.....	1	1	c16
.....uacccugcaaugCgacaaugc.....	2	1	c16
.....uaccAugcaaugggacaaugc.....	1	1	c16
.....uacGcugcaaugggacaaugc.....	2	1	c16
.....uacccAgcaaugggacaaugc.....	1	1	c16
.....Gacccugcaaugggacaaugc.....	84	1	c16
.....uacccugcaauCggacaaugc.....	1	1	c16
.....uacccugcaaugggCcaaugc.....	1	1	c16
.....uacccugcaaugggGcaaugc.....	2	1	c16
.....uacccugcaauggAacaaugcu.....	1	1	c16
.....uacccugcaaugggacaaugGu.....	1	1	c16
.....uacccugcaaugUgacaaugcu.....	1	1	c16
.....uacccugcaaugggacaaugcA.....	48	1	c16
.....uacccugcaaugggacaaugcC.....	1	1	c16
.....uacccugcaaugggacaaugAu.....	2	1	c16
.....uacccugcaaugggacaaugcu.....	289	0	c16
.....uCcccugcaaugggacaaugcu.....	1	1	c16
.....Gacccugcaaugggacaaugcu.....	17	1	c16
.....uaAccugcaaugggacaaugcu.....	1	1	c16
.....uacAcugcaaugggacaaugcu.....	2	1	c16
.....uacccugcaaugggacaaugcuA.....	6	1	c16
.....uacccugcaaugggacaaugcug.....	1	0	c16
.....uacccugcaaugggacaaugcuU.....	3	1	c16
.....uacccugcaaugggacaaugcuC.....	1	1	c16
.....uacccugcaaugggacaaugcuggcuuaaga.....	1	0	c16
.....uacccugcaaugggacaaugcuggcuuaagaau.....	2	0	c16
.....acccugcaaugggacaaugc.....	1	0	c16
.....Ccccugcaaugggacaaugc.....	1	1	c16
.....cccugcaaugggacaaugcA.....	1	1	c16
.....ccugcaaugggacaaugc.....	7	0	c16
.....ccugcaaugggacaaugcA.....	1	1	c16

Mature Star

gauaaacuagaggaagguuuuacccugcaaugggacaaugcuggcuuaagaauacauugccucacugccgggcaaaauccuuucccuuacagucaacacucaccacaac

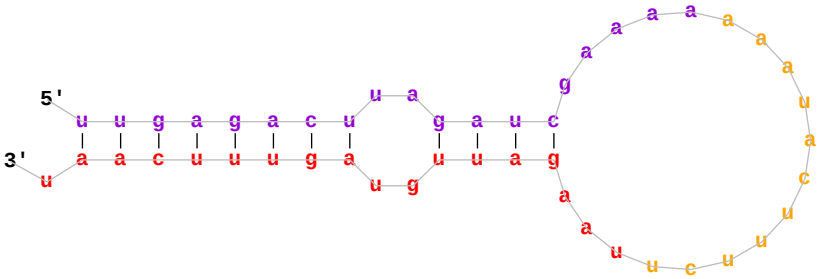
.....ccugcaaugggacaaugcu.....	3	0	c16
.....cugcaaugggacaaugcu.....	5	0	c16
.....ugcaaugggacaaugcuA.....	2	1	c16
.....cauugccucacugccgggcaaa.....	5	0	c16
.....cauugccucacugccgggcaaaUu.....	1	1	c16
.....auugccucacugccgggc.....	1	0	c16
.....auugccucacugccgggca.....	1	0	c16
.....auugccucacugccgggcU.....	1	1	c16
.....auugccucacugccgggcaa.....	2	0	c16
.....auugccucacugccgggcaaU.....	1	1	c16
.....auugccucacugAcgggcaaa.....	1	1	c16
.....Cuugccucacugccgggcaaa.....	1	1	c16
.....auugccucacugccgAgcaaa.....	1	1	c16
.....auugccucacugccgggcaaa.....	13	0	c16
.....auugccucacugccgggcaaaU.....	1	1	c16
.....Cuugccucacugccgggcaaaa.....	1	1	c16
.....auugccucacugccggCcaaaa.....	1	1	c16
.....auugccucacuAccgggcaaaa.....	1	1	c16
.....auugccucacugccgggcaaaC.....	1	1	c16
.....auugccucacugccgggcaaaa.....	3	0	c16
.....uugccucacugccgggcaaa.....	6	0	c16
.....uugccucacugccgggcaaaaAccu.....	1	1	c16
.....uacccugcaaugggacaaug.....	11	0	c04
.....uacccugcaaugggGcaaug.....	1	1	c04
.....Gacccugcaaugggacaaug.....	1	1	c04
.....uacccugcaauUggacaaug.....	1	1	c04
.....Gacccugcaaugggacaaugc.....	1	1	c04
.....uaccUugcaaugggacaaugc.....	1	1	c04
.....uacccugcaaugggacaaugc.....	43	0	c04
.....uacccugcaaugggacaaugcu.....	26	0	c04
.....uacccugcaaugggacaaugcA.....	15	1	c04
.....uacccugcaaugggaUaaugcu.....	1	1	c04
.....uacccugcaaugggacaaugcuA.....	1	1	c04
.....uacccugcaaugggacaaugcuggcu.....	1	0	c04
.....uacccugcaaugggacaaugcuggcuuaagaaua.....	1	0	c04
.....uacccugcaaugggacaaugcuggcuuaagaauac.....	1	0	c04
.....ccugcaaugggacaaugc.....	2	0	c04
.....ccugcaaugggacaaugcu.....	1	0	c04
.....cugcaaugggacaaugcu.....	1	0	c04
.....auugccucacugccgggc.....	1	0	c04
.....Cuacccugcaaugggacaaug.....	1	1	c09
.....Cuacccugcaaugggacaaugc.....	2	1	c09
.....uacccugcaaugggacaa.....	5	0	c09
.....uacccugcaaugggacaU.....	1	1	c09
.....uacccugcaaugggacaau.....	13	0	c09
.....uacccugcaaugggCcaaug.....	1	1	c09
.....uacAcugcaaugggacaaug.....	1	1	c09
.....Cacccugcaaugggacaaug.....	1	1	c09
.....Gacccugcaaugggacaaug.....	11	1	c09
.....uacccugcaaugggacaaug.....	102	0	c09
.....uacccugcaaugggUcaaug.....	1	1	c09
.....Aacccugcaaugggacaaugc.....	6	1	c09
.....uacAcugcaaugggacaaugc.....	2	1	c09
.....uacccugcaaugggacaaugc.....	555	0	c09
.....uaccUugcaaugggacaaugc.....	1	1	c09
.....uacccugcaUugggacaaugc.....	1	1	c09
.....uCcccugcaaugggacaaugc.....	2	1	c09
.....uacccugcaaugggacaaugA.....	4	1	c09
.....uacGcugcaaugggacaaugc.....	2	1	c09
.....uacccugcaauUggacaaugc.....	1	1	c09
.....Gacccugcaaugggacaaugc.....	34	1	c09
.....uacccugcaauCggacaaugc.....	1	1	c09
.....Cacccugcaaugggacaaugc.....	1	1	c09
.....uacccAgcaaugggacaaugc.....	1	1	c09
.....uacccugcUaugggacaaugc.....	1	1	c09
.....uacccugcaaugggacaaugcG.....	1	1	c09
.....uacccugcaauggAacaaugcu.....	1	1	c09
.....uacccugcaaugggacaaugcA.....	12	1	c09

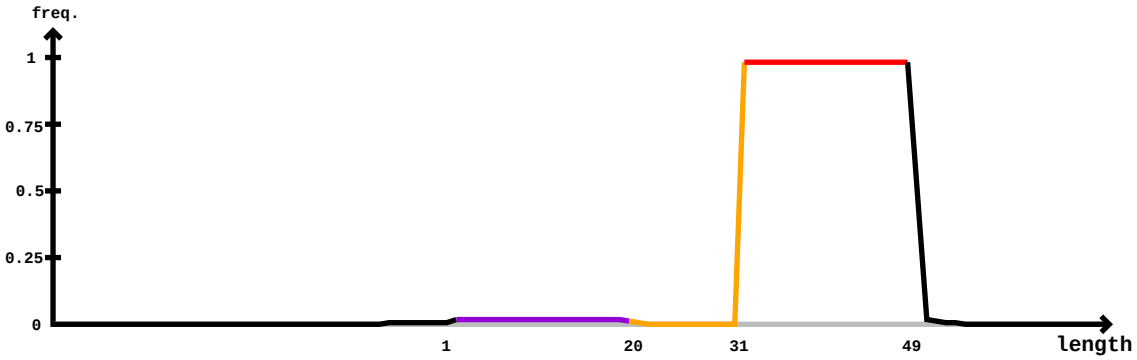
Mature Star

gauaaacuagaggaagguuuuacccugcaaugggacaaugcuggcuuaagaauacauugccucacugccgggcaaaauccuuucccuuacagucaacacucaccacaac

.....uacccugAaaugggacaaugcu.....	1	1	c09
.....uacccugcaaugggacaaugUu.....	1	1	c09
.....uacccugcaaugggacaaugcC.....	2	1	c09
.....Aacccugcaaugggacaaugcu.....	1	1	c09
.....uacccugcaaugggacaaugcu.....	205	0	c09
.....uacccugcaaugggacaaugGu.....	1	1	c09
.....Gacccugcaaugggacaaugcu.....	15	1	c09
.....uacccugcaaugggUcaaugcu.....	1	1	c09
.....uCcccugcaaugggacaaugcu.....	1	1	c09
.....uacccugcaaugggacaaugcuCg.....	1	1	c09
.....uacccugcaaugggacaaugcuAg.....	1	1	c09
.....uacccugcaaugggacaaugcuggc.....	1	0	c09
.....uacccugcaaugggacaaugcuggcA.....	1	1	c09
.....uacccugcaaugggacaaugcuggcuu.....	1	0	c09
.....uacccugcaaugggacaaugcuggcuuaa.....	1	0	c09
.....cccugcaaugggacaaugc.....	2	0	c09
.....cccugcaaugggacaaugcu.....	2	0	c09
.....ccugUaaugggacaaugc.....	1	1	c09
.....ccugcaaugggacaaugA.....	1	1	c09
.....ccugcaaugggaUaaugc.....	1	1	c09
.....ccugcaaugggacaaugc.....	9	0	c09
.....ccugcaauggCacaaugc.....	1	1	c09
.....ccugcaaugggacaaugcC.....	1	1	c09
.....ccugcaaugggacaaugcu.....	5	0	c09
.....ccugcaaugggacaaugcuggcuu.....	1	0	c09
.....cugcaaugggacaaugcu.....	11	0	c09
.....cGgcaaugggacaaugcu.....	1	1	c09
.....aAauugccucacugccgggcaaaa.....	1	1	c09
.....auugccucacugccgggc.....	1	0	c09
.....auugccucacugccgggcaaa.....	5	0	c09
.....uugccucacugccgggcaaa.....	1	0	c09
.....ccucacugccgggcaaaa.....	1	0	c09

Provisional ID	:	group1_1553
Score total	:	76.5
Score for star read(s)	:	3.9
Score for read counts	:	80.2
Score for mfe	:	-8.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	169
Mature read count	:	167
Loop read count	:	0
Star read count	:	2





Star **Mature**

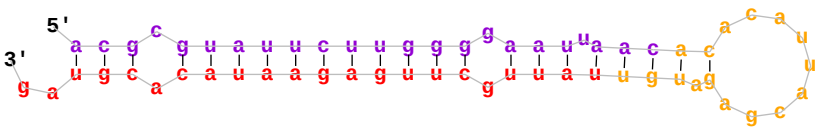
```
5'- acagcaaaauaaaauaucacucaugugguaaaaaaacuaaauugagacuuagaucgaaaaaaauacuuucuuaagauuguaguuucaauaaaacuaaaucaugugguau  -3'   obs
    acagcaaaauaaaauaucacucaugugguaaaaaaacuaaauugagacuuagaucgaaaaaaauacuuucuuaagauuguaguuucaauaaaacuaaaucaugugguau        exp
    .............((((((....))))))..........(((((((((..((((.....................))))..)))))))))...((((.......))))..  reads      mm         sample
    ................................aacuaaauCgagacuuagaucgaaa.....................................................  1          1          c09
    ....................................uugagacuuagaucgaaaa.....................................................  2          0          c09
    ..........................................................uaagauuguaguuucaau...................  1          0          c09
    ..........................................................uaagauuguaguuucaaua..................  3          0          c09

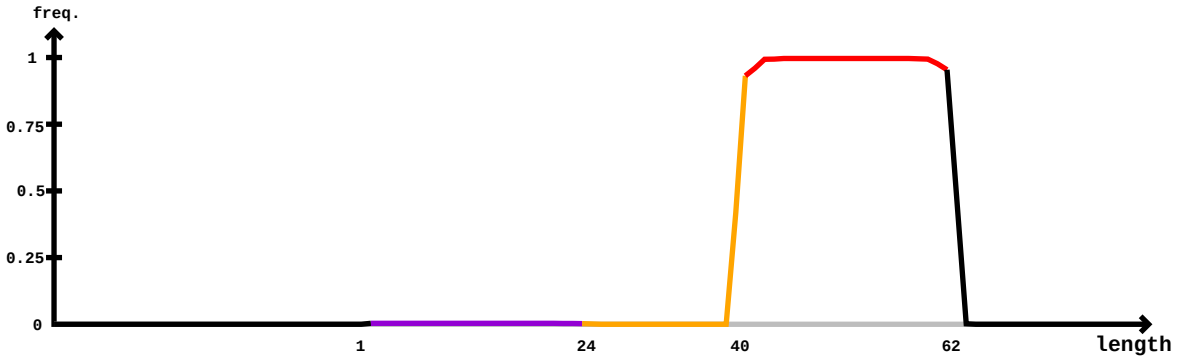
    ..........................................................uaagauuguaguuucaau...................  31         0          c16
    ..........................................................Gaagauuguaguuucaau...................  3          1          c16
    ..........................................................Gaagauuguaguuucaaua..................  3          1          c16
    ..........................................................uaagauuguaguuucaaua..................  36         0          c16

    ..........................................................Gaagauuguaguuucaau...................  1          1          c04
    ..........................................................uaagauuguaguuucaaC...................  1          1          c04
    ..........................................................Aaagauuguaguuucaau...................  1          1          c04
    ..........................................................uaagauugCaguuucaau...................  1          1          c04
    ..........................................................uaagauuguaguuucaau...................  40         0          c04
    ..........................................................uaagauuguaguuucaauC..................  1          1          c04
    ..........................................................Gaagauuguaguuucaaua..................  1          1          c04
    ..........................................................uaagauuguaguuucaaua..................  40         0          c04
    ..........................................................uaagauuguaguuucaauaC.................  1          1          c04
    ..........................................................uaagauuguaguuucaauaaa................  1          0          c04
    ..........................................................uaagauuguaguuucaauaaaaU..............  1          1          c04

    ..........................................................uaagauuguaguuucaau...................  1          0          c02
```

Provisional ID	:	group1_1607
Score total	:	857.5
Score for star read(s)	:	3.9
Score for read counts	:	849
Score for mfe	:	0
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1677
Mature read count	:	1671
Loop read count	:	0
Star read count	:	6





Star **Mature**

```
5'- acgaagagccuucuacuguaacuugaaggucacgcguauucuuggggaauuaacacacauuacgagauguuauugcuugagaauacacguagcugacaaggaguaaaaucauc  -3'   obs
    acgaagagccuucuacuguaacuugaaggucacgcguauucuuggggaauuaacacacauuacgagauguuauugcuugagaauacacguagcugacaaggaguaaaaucauc        exp
    ..((((...)))).......((((..(((.(((.((((((((((.(((.(((((.........).)))))))..)))))))))))).))).)))).....................  reads   mm   sample
    ..........................................................Guauugcuugagaauacacg.....................  1       1    c09
    ..........................................................uuauugcuugagaauacacgu....................  4       0    c09
    ..........................................................uuauugcuugagaauacacgua...................  1       0    c09
    ..........................................................uuauugcuugagaauGcacguag..................  2       1    c09
    ..........................................................uuauugcuuCagaauacacguag..................  2       1    c09
    ..........................................................uuauugcuugagaauacacguaU...................  1       1    c09
    ..........................................................uuauugcuugGgaauacacguag..................  1       1    c09
    ..........................................................Guauugcuugagaauacacguag..................  8       1    c09
    ..........................................................Auauugcuugagaauacacguag..................  1       1    c09
    ..........................................................uuauugcuugagaauacGcguag..................  9       1    c09
    ..........................................................uuauugcuugagaauacacguag..................  107     0    c09
    ..........................................................uuauugcuugagaauacacguagA.................  3       1    c09
    ..........................................................uuauugcuugagaauacacguagU.................  1       1    c09
    ..........................................................uauugcuugagaauacacgu.....................  2       0    c09
    ..........................................................Gauugcuugagaauacacgua....................  1       1    c09
    ..........................................................uauugcuugagaauacacgua....................  5       0    c09
    ..........................................................uauugcuugagaauacGcgua....................  1       1    c09
    ..........................................................Gauugcuugagaauacacguag...................  10      1    c09
    ..........................................................uauugcuugagaauGcacguag...................  1       1    c09
    ..........................................................uauugcuugagaauacacguag...................  137     0    c09
    ..........................................................uauugcuugGgaauacacguag...................  2       1    c09
    ..........................................................uauugcuugagaauacGcguag...................  11      1    c09
    ..........................................................uGuugcuugagaauacacguag...................  1       1    c09
    ..........................................................uauugcuugagaauacacguagA..................  2       1    c09
    ..........................................................auugcuugagaauacacgua.....................  2       0    c09
    ..........................................................auugcuugagaauGcacguag....................  1       1    c09
    ..........................................................auugcuugagaauacGcguag....................  1       1    c09
    ..........................................................auugcuugagaauacacguag....................  17      0    c09
    ..........................................................auugcuugagaauacacguagA...................  2       1    c09
    ..........................................................uugcuugagaauacacguag.....................  7       0    c09
    ..........................................................uugcuugagaauacGcguag.....................  3       1    c09
    ..........................................................uugcuugagaauacacguaA.....................  1       1    c09
    ..........................................................uugcuugagaauacacguagA....................  1       1    c09
```

Star Mature

acgaagagccuucuacuguaacuugaaggucacgcguauucuuggggaauuaacacacauuacgagaugguauugcuugagaauacacguagcugacaaggaguaaaucauc

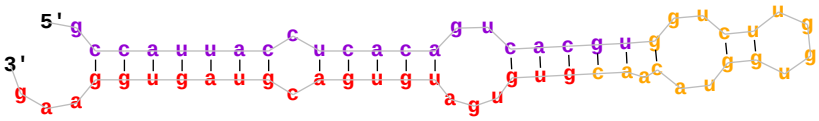
.....ugcuugagaauacacguag.....	1	0	c09
.....gcuugagaauGcacguag.....	1	1	c09
.....gcuugagaauacacguag.....	1	0	c09
.....acgcguauucuuggggaauuaa.....	1	0	c16
.....Ccgcguauucuuggggaauuaac.....	2	1	c16
.....acgcguauucuuggggaauuaacU.....	1	1	c16
.....Guauugcuugagaauacac.....	1	1	c16
.....Guauugcuugagaauacacgu.....	1	1	c16
.....uuauugcuugagaauacacgu.....	2	0	c16
.....uuauugcuugagaauacacgua.....	2	0	c16
.....uuauugcuugGgaauacacguag.....	2	1	c16
.....Guauugcuugagaauacacguag.....	8	1	c16
.....uuauugcuugagaauacacguaC.....	1	1	c16
.....uuauugcuugagaauacGcguag.....	9	1	c16
.....uuauugcuugagaaGacacguag.....	1	1	c16
.....uuauugcuugagaauacacguag.....	65	0	c16
.....uuauugcuugagaauGcacguag.....	1	1	c16
.....uauugcuugagaauGcacgu.....	1	1	c16
.....Gauugcuugagaauacacgua.....	1	1	c16
.....uauugcuugagaauacacgua.....	1	0	c16
.....uauugcuugagaauacaGguag.....	1	1	c16
.....uauugcuugagaauGcacguag.....	4	1	c16
.....uauugcuugagaauacCcguag.....	2	1	c16
.....Aauugcuugagaauacacguag.....	2	1	c16
.....uauugcuugagaauacGcguag.....	12	1	c16
.....Gauugcuugagaauacacguag.....	23	1	c16
.....uUuugcuugagaauacacguag.....	1	1	c16
.....uauugcuugagaauacacguag.....	177	0	c16
.....uauugcuugagaauacacguagU.....	4	1	c16
.....uauugcuugagaauacacguagA.....	2	1	c16
.....uauugcuugagaauacacguagUu.....	1	1	c16
.....auugcuugagaauacacguag.....	6	0	c16
.....uugcuugagaauacacguag.....	13	0	c16
.....gcuugagaauacacguag.....	1	0	c16
.....uauugcuugagaauacacguag.....	4	0	c04
.....uauugcuugagaauacGcguag.....	1	1	c04
.....Ccgcguauucuuggggaauu.....	1	1	c02
.....uuauugcuugagaauacGcgu.....	1	1	c02
.....uuauugcuugagaauaAacgu.....	1	1	c02
.....uuauugcuugagaauacacgu.....	11	0	c02
.....uuauugcuugagaauacacgua.....	9	0	c02
.....Guauugcuugagaauacacgua.....	1	1	c02
.....uuauugcuugagaauacGcgua.....	1	1	c02
.....uuauugcuugagaauacacCuag.....	1	1	c02
.....uuauugcuugagaauGcacguag.....	4	1	c02
.....uuauugcuugagaauacaUguag.....	1	1	c02
.....uuauugcuugagaauacacguag.....	320	0	c02
.....uuauugcuugGgaauacacguag.....	9	1	c02
.....Guauugcuugagaauacacguag.....	37	1	c02
.....Auauugcuugagaauacacguag.....	6	1	c02
.....uuauugcuuCagaauacacguag.....	1	1	c02
.....uuauugcuugagaauacacUuag.....	1	1	c02
.....uuauugcuugagaauacGcguag.....	34	1	c02
.....uuauugcuugagaauacCcguag.....	1	1	c02
.....uuauugcuugaCaauacacguag.....	1	1	c02
.....uuauugcuugagaauacaAguag.....	1	1	c02
.....uuauugcuugagaauacacguagA.....	3	1	c02
.....uuauugcuugagaauacacguagUu.....	2	1	c02
.....uauugcuugagaauacac.....	1	0	c02
.....uauugcuugagaauacacg.....	1	0	c02
.....uauugcuugagaauacacgu.....	2	0	c02
.....uauugcuugagaauacGcgua.....	1	1	c02
.....uauugcuugagaauacacgua.....	6	0	c02
.....uauugcuugagaauacacguag.....	340	0	c02
.....uauugcuugagaauacCcguag.....	1	1	c02
.....Gauugcuugagaauacacguag.....	26	1	c02
.....uauugcuuCagaauacacguag.....	1	1	c02

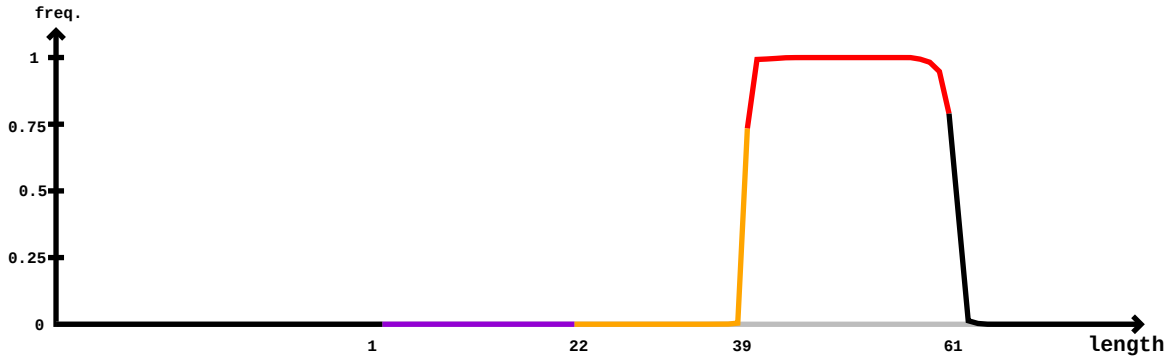
Star Mature

acgaagagccuucuacuguaacuugaaggucacgcguauucuuggggaauuaacacacauuacgagauguuauugcuugagaauacacguagcugacaaggaguaaaucauc

.....uauugcuugagaauacGcguag.....	23	1	c02
.....uauugcuugagaauGcacguag.....	3	1	c02
.....uauugcuugagaauacacguaU.....	1	1	c02
.....uaAugcuugagaauacacguag.....	1	1	c02
.....uauugcuugagaauacacguagU.....	3	1	c02
.....uauugcuugagaauacacguagA.....	5	1	c02
.....auugcuugagaauacacgu.....	2	0	c02
.....auugcuugagaauacacgua.....	2	0	c02
.....Cuugcuugagaauacacguag.....	1	1	c02
.....auugcuugagaauacacguag.....	13	0	c02
.....auugcuugagaauacGcguag.....	1	1	c02
.....uugcuugagaauacacgu.....	2	0	c02
.....uugcuugagaauacacgua.....	2	0	c02
.....Gugcuugagaauacacguag.....	1	1	c02
.....uugcuugagaauacGcguag.....	4	1	c02
.....uugcuugagaauacacguag.....	22	0	c02
.....gcuugagaauacacguag.....	1	0	c02
.....acgcguauucuuggggaauuaac.....	1	0	c15
.....uuauugcuugagaauacacgua.....	2	0	c15
.....uuauugcuugagaauacacguag.....	18	0	c15
.....uauugcuugagaauacaUguag.....	1	1	c15
.....uauugcuugagaauacacguag.....	36	0	c15

Provisional ID	:	group1_1709
Score total	:	49638.8
Score for star read(s)	:	3.9
Score for read counts	:	49628.5
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	97356
Mature read count	:	97339
Loop read count	:	1
Star read count	:	16





Star **Mature**

```
5'- caggaagagagaagagguucaggguugaaaugGCCAUUACCUCACAGUCACGUGGUCUUGGUGGUACAACGUGUGAUGUGACGUAGUGGAAGUCUCGACCUGGACGUAACU -3'   obs
    caggaagagagaagagguucaggguugaaaugGCCAUUACCUCACAGUCACGUGGUCUUGGUGGUACAACGUGUGAUGUGACGUAGUGGAAGUCUCGACCUGGACGUAACU      exp
    ..............(.(((((((.((((.((..(((((((.(((((..((((((..((....))..).))))))...)))))).)))))))..)).)))))))))).....  reads   mm   sample
    ..........................................................gugugaugugacguagugg.....................  3       0    c02
    ..........................................................gugugaugugacguagugga....................  3       0    c02
    ..........................................................Uugugaugugacguaguggaa....................  1       1    c02
    ..........................................................gugugaugugacguaguggaa....................  17      0    c02
    ..........................................................Uugugaugugacguaguggaag...................  1       1    c02
    ..........................................................gugugaugugacguaguggaag...................  47      0    c02
    ..........................................................gugugaugugacguaguggaaU...................  1       1    c02
    ..........................................................gugugaugugacguaguggaaUu..................  1       1    c02
    ..........................................................gugugaugugacguaguggaagu..................  1       0    c02
    ..........................................................ugugaugugacguagugg.......................  1       0    c02
    ..........................................................ugugaugugacguagugga......................  2       0    c02
    ..........................................................Ggugaugugacguaguggaa.....................  1       1    c02
    ..........................................................ugugaugugacguaguggaa.....................  9       0    c02
    ..........................................................Ggugaugugacguaguggaag....................  2       1    c02
    ..........................................................ugugaugugacguaguggaag....................  24      0    c02
    ..........................................................ugugaugugacguaguggaagA...................  1       1    c02
    ..........................................................ugugaugugacguaguggaagu...................  3       0    c02
    ..........................................................ugugaugugacguaguggaaguc..................  1       0    c02
    ..........................................................ugugaugugacguaguggaagucu.................  1       0    c02

    ..........................................................cgugugaugugacguaguggaag..................  1       0    c15
    ..........................................................gugugaugugacguagugga.....................  6       0    c15
    ..........................................................gugugaugugacguaAuggaa....................  1       1    c15
    ..........................................................gugugaugugacguaguggaa....................  29      0    c15
    ..........................................................gugugaugugacguaguggaag...................  122     0    c15
    ..........................................................gugugaugugacguaguggaaC...................  2       1    c15
    ..........................................................gugugaugugacguaguggaaA...................  2       1    c15
    ..........................................................gugugaugugacguaguggaaU...................  2       1    c15
    ..........................................................gugugaugugacguaguggaagu..................  3       0    c15
    ..........................................................gugugaugugacguaguggaaguUu................  1       1    c15
    ..........................................................ugugaugugacguaguggaa.....................  4       0    c15
    ..........................................................ugugaugugacguaguggaag....................  19      0    c15
    ..........................................................ugugaugugacguaguggaagu...................  12      0    c15
```

Star Mature

caggaagagagaagagguucaggguugaaaugGCCAUUACCUCACAGUCACGUGGUCUUGGUGGUACAACGUGUGAUGUGACGUAGUGGAAGUCUCGACCUGGACGUAACU

.....ugugaugugacguaguggaaguU.....	1	1	c15
.....ugugaugugacguaguggaaguc.....	1	0	c15
.....cgugugaugugacguaguggaag.....	1	0	c09
.....gugugaugugacguagugga.....	2	0	c09
.....gugugaugugacguaguggaU.....	1	1	c09
.....gugugaugugacguaguggaa.....	9	0	c09
.....gugugaugugacguaguggaag.....	31	0	c09
.....ugugaugugacguaguggaU.....	1	1	c09
.....ugugaugugacguaguggaa.....	2	0	c09
.....ugugaugugacguaguggaag.....	14	0	c09
.....ugugaugugaAguaguggaag.....	1	1	c09
.....Ggugaugugacguaguggaag.....	1	1	c09
.....ugugaugugacguaguggaagu.....	4	0	c09
.....Agugaugugacguaguggaagu.....	1	1	c09
.....ugugaugugacguaguggaagA.....	1	1	c09
.....gugugaugugacguagugg.....	4	0	c16
.....gugugaugugacguagugga.....	7	0	c16
.....gugugaugugacguaguggaC.....	1	1	c16
.....gugugaugugacguaguggaa.....	35	0	c16
.....Uugugaugugacguaguggaag.....	1	1	c16
.....Cugugaugugacguaguggaag.....	1	1	c16
.....gugugaugugacguaguggaag.....	103	0	c16
.....gugugaugugacguaguggaagu.....	1	0	c16
.....gugugaugugacguaguggaagA.....	1	1	c16
.....ugugaugugacguaguggaa.....	6	0	c16
.....Ggugaugugacguaguggaag.....	2	1	c16
.....ugugaugugacguaguggaag.....	20	0	c16
.....ugugaugugacguaguggaaA.....	1	1	c16
.....ugugaugugacguaguggaagu.....	5	0	c16
.....ugugaugugacguaguggaagucu.....	2	0	c16
.....ggccauuaccucacagucacg.....	1	0	c04
.....ggccauuaccucacagucacgu.....	2	0	c04
.....gccauuaccucacagucacgu.....	9	0	c04
.....gccauuaccucacagucacgug.....	1	0	c04
.....gccauuaccucacagucacguggu.....	1	0	c04
.....auuaccucacagucacgugg.....	1	0	c04
.....accucacagucacguggA.....	1	1	c04
.....ucacagucacgugucuugguggguacaac.....	1	0	c04
.....gucacgugucuugguggguacaa.....	1	0	c04
.....ucacgugucuugguggguacaac.....	1	0	c04
.....acguggucuugguggguaca.....	1	0	c04
.....uggucuugguggguacaac.....	1	0	c04
.....gucuugguggguacaacgugugaug.....	1	0	c04
.....gucuugguggguacaacgugugaugugacguaguggaag.....	1	0	c04
.....gucuugguggguCcaacgugugaugugacguaguggaag.....	1	1	c04
.....gucuugguggguacaacgugugaugugacgAaguggaag.....	1	1	c04
.....gucuuggugUuacaacgugugaugugacguaguggaag.....	1	1	c04
.....ucuugguggguacaacguguga.....	1	0	c04
.....ucuugguggguacaacgugugaugugacguaguggaag.....	1	0	c04
.....uacaaUgugugaugugacguagug.....	1	1	c04
.....caaAgugugaugugacguaguggaa.....	1	1	c04
.....Gaacgugugaugugacguaguggaag.....	1	1	c04
.....Uaacgugugaugugacguaguggaag.....	2	1	c04
.....aacgugugaugugacgua.....	1	0	c04
.....aacgugugaugugacguagu.....	1	0	c04
.....aacgugugaugugacguagug.....	2	0	c04
.....Cacgugugaugugacguagug.....	1	1	c04
.....aacgugugaugugacguagugg.....	3	0	c04
.....aacgugugaugugacguagugga.....	4	0	c04
.....Cacgugugaugugacguaguggaa.....	1	1	c04
.....aaUgugugaugugacguaguggaa.....	1	1	c04
.....aaGgugugaugugacguaguggaa.....	1	1	c04
.....aaAgugugaugugacguaguggaa.....	1	1	c04
.....aacgugugaugugacguaguggaa.....	6	0	c04
.....aUcgugugaugugacguaguggaa.....	1	1	c04
.....aaAgugugaugugacguaguggaag.....	1	1	c04
.....aacgugugaugugacguaguggaag.....	2	0	c04

Star Mature

caggaagagagaagagguucaggguugaaaugGCCAUUACCUCACAGUCACGUGGUCUUGGUGGUACAACGUGUGAUGUGACGUAGUGGAAGUCUCGACCUGGACGUAACU

.....aCcgugugaugugacguaguggaag.....	1	1	c04
.....Gacgugugaugugacguaguggaag.....	5	1	c04
.....aacgugugaugugacguaguggaaU.....	1	1	c04
.....Uacgugugaugugacguaguggaag.....	1	1	c04
.....aaGgugugaugugacguaguggaag.....	1	1	c04
.....aaUgugugaugugacguaguggaagu.....	1	1	c04
.....acgugugaugugacguagug.....	1	0	c04
.....acgugugaugugacguagugga.....	1	0	c04
.....aUgugugaugugacguaguggaa.....	2	1	c04
.....Ucgugugaugugacguaguggaa.....	2	1	c04
.....aAgugugaugugacguaguggaa.....	1	1	c04
.....Gcgugugaugugacguaguggaa.....	3	1	c04
.....Ccgugugaugugacguaguggaag.....	1	1	c04
.....aUgugugaugugacguaguggaag.....	1	1	c04
.....Gcgugugaugugacguaguggaag.....	3	1	c04
.....acUugugaugugacguaguggaag.....	1	1	c04
.....acgugugaugugacguaguggaag.....	1	0	c04
.....acAugugaugugacguaguggaag.....	1	1	c04
.....aAgugugaugugacguaguggaagu.....	1	1	c04
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.....cgugugaugugacguagug.....	1	0	c04
.....Ugugugaugugacguagug.....	1	1	c04
.....cgugugaugugCcguagug.....	1	1	c04
.....cgugugaugugacAuagugg.....	1	1	c04
.....cgugugaugugacguagugg.....	7	0	c04
.....cgugugaugugacguagugga.....	33	0	c04
.....cCugugaugugacguaguggaa.....	1	1	c04
.....cgugugaugugacguagCggaa.....	1	1	c04
.....Ggugugaugugacguaguggaa.....	1	1	c04
.....cgugugaugugCcguaguggaa.....	1	1	c04
.....Ugugugaugugacguaguggaa.....	1	1	c04
.....cAugugaugugacguaguggaa.....	1	1	c04
.....cgugugaugugacguaguggaa.....	60	0	c04
.....Ugugugaugugacguaguggaag.....	14	1	c04
.....cgugugGugugacguaguggaag.....	1	1	c04
.....cgugugaugugacguaUuggaag.....	1	1	c04
.....cgugugaugugacguaguggCag.....	1	1	c04
.....cgugugaugugaGguaguggaag.....	1	1	c04
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.....cCugugaugugacguaguggaag.....	1	1	c04
.....cgugugaugugacguaguggaag.....	193	0	c04
.....cgugugauCugacguaguggaag.....	1	1	c04
.....Ggugugaugugacguaguggaag.....	6	1	c04
.....cUugugaugugacguaguggaag.....	3	1	c04
.....Agugugaugugacguaguggaag.....	3	1	c04
.....cgugugaugugacguaguggaaA.....	1	1	c04
.....cgugugaugugacguaguggaagu.....	2	0	c04
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.....cgugugaugugacguaguggaaguA.....	1	1	c04
.....cgugugaugugacguaguggaaguUu.....	1	1	c04
.....gugugUugugacguagug.....	1	1	c04
.....gugugaugugCcguagug.....	4	1	c04
.....Cugugaugugacguagug.....	4	1	c04
.....gugugaugugacguaguA.....	10	1	c04
.....gugugauguCacguagug.....	1	1	c04
.....gugugGugugacguagug.....	1	1	c04
.....gugugauCugacguagug.....	1	1	c04
.....Uugugaugugacguagug.....	2	1	c04
.....gugugCugugacguagug.....	4	1	c04
.....gugugaugugacguagAg.....	1	1	c04
.....gugugaugugacguaguC.....	8	1	c04
.....gugugaugugacguaguU.....	13	1	c04
.....gugugaugugacguagug.....	523	0	c04
.....gugugauguUacguagugg.....	1	1	c04
.....gugugaugugacguagugC.....	5	1	c04
.....gugugCugugacguagugg.....	3	1	c04
.....gugugaugugacguagugA.....	5	1	c04
.....gugugaugugCcguagugg.....	15	1	c04
.....gugugaugugacguagugU.....	9	1	c04
.....gugugaugugacguaguAg.....	1	1	c04

Star Mature

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.....GUGUGAUGUGACGUAGUGG.....	831	0	C04
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.....GUGUGAUGUGACUUAGUGGA.....	2	1	C04
.....CUGUGAUGUGACGUAGUGGA.....	23	1	C04
.....UUGUGAUGUGACGUAGUGGA.....	9	1	C04
.....GUGUGAUGUCGUAGUGGA.....	1	1	C04
.....GUGUAAUGUGACGUAGUGGA.....	1	1	C04
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.....GUCUGAUGUGACGUAGUGGA.....	3	1	C04
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.....GUGUUAUGUGACGUAGUGGA.....	1	1	C04
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.....GUGUGAUGUGACGUAUUGGA.....	1	1	C04
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.....GUGUGAUGUGACGUAGUGCA.....	3	1	C04
.....GUGUGAUGUGACGUAGUGGG.....	3	1	C04
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.....GUGUGAUGUGACGUGGUGGAA.....	5	1	C04
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.....GUGUGAUGUGACGUAGUGGGA.....	6	1	C04
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.....GUGUGAUGUGCGUAGUGGAA.....	4	1	C04
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.....GUGCGAUGUGACGUAGUGGAA.....	3	1	C04
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Star Mature

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gugugaugugacguaguUgaa	6	1	c04
gugugaugugacUuaguggaa	10	1	c04
gugugaugugacguaguggaC	26	1	c04
gugugaugugaUguaguggaa	7	1	c04
gugugaugAgacguaguggaa	1	1	c04
gugugaugugacguaCuggaa	9	1	c04
gugugaugugacguagAggaa	5	1	c04
gugugaugugacgCaguggaa	1	1	c04
gugugaugugCcguaguggaa	158	1	c04
Uugugaugugacguaguggaa	32	1	c04
gugugaugugacguUguggaa	4	1	c04
gugugaugugacguaguggUa	8	1	c04
gugugaugugacguaguAgaa	5	1	c04
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gugugaugugacguagugAaa	3	1	c04
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gugugaugugacguagGggaag	8	1	c04
gugugaugCgacguaguggaag	14	1	c04
gugugaugugacguaguggaaU	212	1	c04
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Uugugaugugacguaguggaag	95	1	c04
guUugaugugacguaguggaag	19	1	c04
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gugugaugugacCuaguggaag	8	1	c04
gugugaugugacAuaguggaag	10	1	c04
gugugaugugacguaguAgaag	9	1	c04
gugugaugugacguaUuggaag	30	1	c04
gugugaugugacguaguCgaag	35	1	c04
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guAugaugugacguaguggaag	9	1	c04
gugugaugugacguaguggaCg	18	1	c04
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gugugaugugacguaguUgaag	26	1	c04
gugugaugugacguaguggGag	14	1	c04
gugugaugugacguGguggaag	10	1	c04
gugugaugugGcguaguggaag	15	1	c04
gAgugaugugacguaguggaag	9	1	c04
Augugaugugacguaguggaag	25	1	c04
guguAaugugacguaguggaag	7	1	c04
gugugaugugUcguaguggaag	7	1	c04
gugugaugugacguagAggaag	19	1	c04

Star Mature

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.....gugugCugugacguaguggaagu.....	5	1	c04
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.....gugugGugugacguaguggaagu.....	1	1	c04
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.....gugugaugugacguaguggaagCcu.....	3	1	c04
.....gugugaugugacguaguggaagucA.....	1	1	c04
.....gugugaugugacguaguggaaguAu.....	5	1	c04

Star Mature

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.....Agugaugugacguagugg.....	1	1	c04
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.....ugugaugugacguagugU.....	1	1	c04
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Star Mature

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.....ugugaugugacUuaguggaagu.....	8	1	c04
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Star Mature

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.....ugugaAgugacguaguggaagu.....	4	1	c04
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.....ugCgaugugacguaguggaagu.....	2	1	c04
.....ugugaGgugacguaguggaagu.....	3	1	c04
.....ugugaugugacguaguCgaagu.....	8	1	c04
.....ugugaugugacguaguggaagA.....	325	1	c04
.....ugugaugugacguaguAgaagu.....	1	1	c04
.....ugugaugugacguaguggaaUu.....	8	1	c04
.....ugugaugugacguaguggaaAu.....	4	1	c04
.....ugugaugugacguaCuggaagu.....	6	1	c04
.....ugugaugugacguaguggaagG.....	24	1	c04
.....ugugaugugacguaguggaagu.....	7305	0	c04
.....ugugaugugGcguaguggaagu.....	2	1	c04
.....ugugauCugacguaguggaagu.....	1	1	c04
.....ugugaugugacguagugUaagu.....	2	1	c04
.....uAugaugugacguaguggaagu.....	3	1	c04
.....ugugaugugUcguaguggaagu.....	1	1	c04
.....Agugaugugacguaguggaagu.....	16	1	c04
.....uUugaugugacguaguggaagu.....	3	1	c04
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.....ugugCugugacguaguggaagu.....	26	1	c04
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.....ugugaugugacguagAggaagu.....	5	1	c04
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.....ugugaugugacguaguggaagCc.....	1	1	c04
.....ugugCugugacguaguggaaguc.....	2	1	c04
.....ugugaugugacguaguggaaguA.....	138	1	c04
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.....ugugaugugCcguaguggaaguc.....	2	1	c04
.....ugugaugugacguaguggaaguUu.....	138	1	c04
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.....ugugaugugacguaguggaaguGu.....	2	1	c04
.....ugugaugugacguaguggaagucA.....	11	1	c04
.....ugugaugugacguaguggaagucC.....	2	1	c04
.....ugugaugugacguaguggaagucu.....	41	0	c04
.....Ggugaugugacguaguggaagucu.....	2	1	c04
.....ugugaugugacCuaguggaagucu.....	1	1	c04
.....ugugaugugacguaguggaagucuU.....	1	1	c04
.....ugugaugugacguaguggaaguUuc.....	3	1	c04
.....ugugaugugacguaguggaagucGc.....	1	1	c04
.....ugugaugugacguaguggaaguGuc.....	1	1	c04
.....ugugaugugacguaguggaagucuG.....	1	1	c04
.....ugugaugugacguaguggaaguAuc.....	1	1	c04
.....ugugaugugacguaguggaagGcuc.....	1	1	c04
.....ugugaugugacguaguggaagucuUg.....	1	1	c04
.....Cugaugugacguagugga.....	1	1	c04
.....gugaugugacguagugga.....	5	0	c04
.....gAgaugugacguaguggaa.....	1	1	c04
.....gugaugugacguaguggaa.....	31	0	c04
.....Uugaugugacguaguggaa.....	1	1	c04
.....gugaugugacguagugAaa.....	1	1	c04
.....gCgaugugacguaguggaa.....	1	1	c04
.....guUaugugacguaguggaa.....	1	1	c04
.....gugaugugCcguaguggaag.....	1	1	c04
.....gugaugugacguaguggaag.....	97	0	c04
.....gCgaugugacguaguggaag.....	2	1	c04
.....gugauguCacguaguggaag.....	1	1	c04
.....gugauguUacguaguggaag.....	1	1	c04

Star Mature

caggaagagagaagagguucaggguugaaaugGCCAUUACCUCACAGUCACGUGGUCUUGGUGGUACAACGUGUGAUGUGACGUAGUGGAAGUCUCGACCUGGACGUAACU

.....gGgaugugacguaguggaag.....	3	1	c04
.....Uugaugugacguaguggaag.....	6	1	c04
.....gAgaugugacguaguggaag.....	2	1	c04
.....gugaugugacguaguggaagu.....	5	0	c04
.....Cugaugugacguaguggaagu.....	1	1	c04
.....gAgaugugacguaguggaagu.....	1	1	c04
.....uAaugugacguaguggaa.....	1	1	c04
.....ugaugugacguaguggaa.....	35	0	c04
.....ugUugugacguaguggaa.....	1	1	c04
.....ugauCugacguaguggaag.....	1	1	c04
.....uAaugugacguaguggaag.....	3	1	c04
.....Agaugugacguaguggaag.....	1	1	c04
.....ugaugugacguaguggaaU.....	1	1	c04
.....uUaugugacguaguggaag.....	1	1	c04
.....ugaugugacUuaguggaag.....	1	1	c04
.....ugaugugacguaguggaag.....	151	0	c04
.....ugaugugacguaguCgaag.....	1	1	c04
.....Ggaugugacguaguggaag.....	6	1	c04
.....ugaAgugacguaguggaag.....	1	1	c04
.....ugauUugacguaguggaag.....	1	1	c04
.....Agaugugacguaguggaagu.....	1	1	c04
.....ugaugugacguaguggaagC.....	1	1	c04
.....ugaugugacguaguggaagu.....	9	0	c04
.....ugaugCgacguaguggaagu.....	1	1	c04
.....Ggaugugacguaguggaagu.....	1	1	c04
.....ugaugugacguaguggaaguUu.....	1	1	c04
.....Aaugugacguaguggaag.....	1	1	c04
.....gaugugacguagugUaag.....	1	1	c04
.....gaugugacguaguggaag.....	183	0	c04
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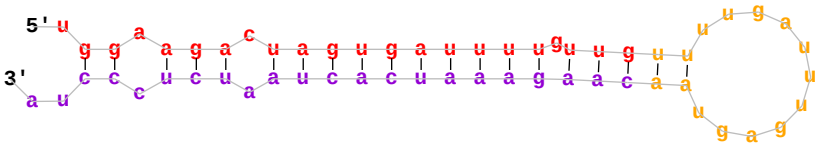
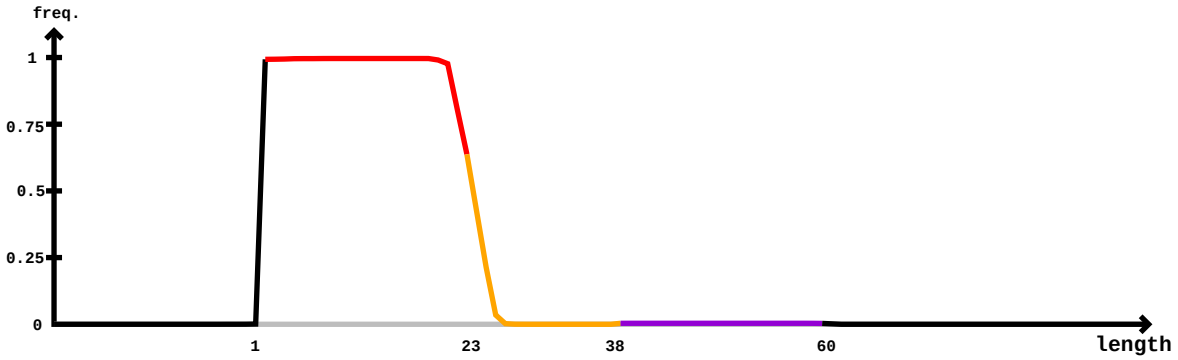
.....gaGgugacguaguggaag.....	1	1	c04
.....gaCgugacguaguggaag.....	1	1	c04
.....gGugugacguaguggaag.....	1	1	c04
.....Caugugacguaguggaag.....	1	1	c04
.....Uaugugacguaguggaag.....	1	1	c04
.....gaugugacguaguggaagA.....	3	1	c04
.....gaugugacguaguAgaagu.....	1	1	c04
.....gaugugacguagAggaagu.....	1	1	c04
.....gauCugacguaguggaagu.....	1	1	c04
.....gCugugacguaguggaagu.....	1	1	c04
.....gaugugacguaguggaagu.....	38	0	c04
.....gGugugacguaguggaagu.....	1	1	c04
.....gaCgugacguaguggaagu.....	1	1	c04
.....gaugugacguaguggaagG.....	1	1	c04
.....gaugugacguaguggaaguU.....	1	1	c04
.....gaugugacguaguggaaguc.....	1	0	c04
.....gaugugacguaguggaaguUu.....	2	1	c04
.....aAgugacguaguggaagu.....	2	1	c04
.....augugCcguaguggaagu.....	1	1	c04
.....augugacguaguggaagA.....	3	1	c04
.....auCugacguaguggaagu.....	1	1	c04
.....Uugugacguaguggaagu.....	1	1	c04
.....Cugugacguaguggaagu.....	2	1	c04
.....augugacguaguggaaAu.....	1	1	c04
.....augugacguaguggaagu.....	36	0	c04
.....augugacguaguggaaguU.....	3	1	c04
.....augugacguaguggaaguUu.....	1	1	c04
.....ugugacguaguggaaguU.....	4	1	c04
.....ugugacguaguggaaguc.....	3	0	c04
.....ugugacguaguggaaguUu.....	3	1	c04
.....gugacguaguggaaguUu.....	1	1	c04

Provisional ID	:	group1_1987
Score total	:	3.7
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	0.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	94912
Mature read count	:	94563
Loop read count	:	0
Star read count	:	349





Mature **Star**

```
5'- accacuagccucgaguugucuggaagacuagugauuuuguuguuuugauuugaguaacaagaaaucacuaaucucccuacaaagcgugggcgaauacuucggaucaagauuu  -3'   obs
    accacuagccucgaguugucuggaagacuagugauuuuguuguuuugauuugaguaacaagaaaucacuaaucucccuacaaagcgugggcgaauacuucggaucaagauuu        exp
    .......((((((..((((..(((.((.((((((((((.(((((...........)))))))))))))))).)))))..))))..)).))))..........................  reads     mm        sample
    ..................ucuggaagacuagugauuuugu.....................................................................................  1         0         c02
    ....................uggaagCcuagugauuuu.....................................................................................  1         1         c02
    ....................Gggaagacuagugauuuu.....................................................................................  3         1         c02
    ....................uggaagacuagugauuuG.....................................................................................  1         1         c02
    ....................uggaagacuagugauuuu.....................................................................................  34        0         c02
    ....................uggaagacuaguCauuuug....................................................................................  1         1         c02
    ....................uggaagCcuagugauuuug....................................................................................  3         1         c02
    ....................Cggaagacuagugauuuug....................................................................................  1         1         c02
    ....................Aggaagacuagugauuuug....................................................................................  4         1         c02
    ....................uggaaUacuagugauuuug....................................................................................  1         1         c02
    ....................uggaagacuagugauuuug....................................................................................  431       0         c02
    ....................Gggaagacuagugauuuug....................................................................................  43        1         c02
    ....................uggaagaAuagugauuuug....................................................................................  1         1         c02
    ....................uCgaagacuagugauuuug....................................................................................  1         1         c02
    ....................ugCaagacuagugauuuug....................................................................................  1         1         c02
    ....................uggaagacuagugauuuuCu...................................................................................  3         1         c02
    ....................Gggaagacuagugauuuugu...................................................................................  283       1         c02
    ....................uggaagacuaguAauuuugu...................................................................................  1         1         c02
    ....................uggaagCcuagugauuuugu...................................................................................  5         1         c02
    ....................uggaagacuagugauuuugC...................................................................................  1         1         c02
    ....................uggaagacuagugUuuuugu...................................................................................  3         1         c02
    ....................uggaagacuagugauAuugu...................................................................................  1         1         c02
    ....................uggaagacuagugauuuugA...................................................................................  8         1         c02
    ....................uggaaCacuagugauuuugu...................................................................................  2         1         c02
    ....................uggaagacuaCugauuuugu...................................................................................  3         1         c02
    ....................uggaagacuagugaGuuugu...................................................................................  2         1         c02
    ....................uggaagacuGgugauuuugu...................................................................................  1         1         c02
    ....................uggaGgacuagugauuuugu...................................................................................  1         1         c02
    ....................uggaaUacuagugauuuugu...................................................................................  2         1         c02
    ....................uggaagacuaguCauuuugu...................................................................................  1         1         c02
    ....................uggaagaAuagugauuuugu...................................................................................  1         1         c02
    ....................uggaCgacuagugauuuugu...................................................................................  2         1         c02
    ....................Aggaagacuagugauuuugu...................................................................................  16        1         c02
```

Mature Star

accacuagccucgaguugucuggaagacuagugauuuuguugguuuugauuugaguuacaagaaaucacuaaucucccuacaaagcgugggcgaauacuucggaucaagauuu

.....uggaagacuagugauuuugG.....	1	1	c02
.....uggaagUcuagugauuuugu.....	1	1	c02
.....uggaagaUuagugauuuugu.....	2	1	c02
.....uggaagacuagugCuuuugu.....	1	1	c02
.....uggaagacuaUugauuuugu.....	1	1	c02
.....uggaagacAagugauuuugu.....	1	1	c02
.....uggaagacuagugauCuugu.....	2	1	c02
.....uggaagGcuagugauuuugu.....	1	1	c02
.....uCgaagacuagugauuuugu.....	5	1	c02
.....uggaagacuagugauuuugu.....	2742	0	c02
.....uUgaagacuagugauuuugu.....	1	1	c02
.....ugAaagacuagugauuuugu.....	1	1	c02
.....ugCaagacuagugauuuugu.....	3	1	c02
.....uggaagacuagugauuuugAu.....	1	1	c02
.....uggaagacuagugauuAuguu.....	1	1	c02
.....uggaagacuagugauuuuguC.....	2	1	c02
.....uggaagacuagugUuuuuguu.....	1	1	c02
.....Gggaagacuagugauuuuguu.....	130	1	c02
.....uggaagacuagugauGuuguu.....	1	1	c02
.....uggaagacuagugauAuuguu.....	1	1	c02
.....uggaagacuagugauuuuguA.....	22	1	c02
.....Aggaagacuagugauuuuguu.....	14	1	c02
.....uggaagacuagugauuuuCuu.....	2	1	c02
.....uggaagacuagugauuuuguG.....	2	1	c02
.....uCgaagacuagugauuuuguu.....	4	1	c02
.....uggaagacuUgugauuuuguu.....	2	1	c02
.....uggaagacuaguCauuuuguu.....	2	1	c02
.....uggaagCcuagugauuuuguu.....	8	1	c02
.....uggaagacuaCugauuuuguu.....	2	1	c02
.....Cggaagacuagugauuuuguu.....	1	1	c02
.....uggaagacuagugauuuuguu.....	1318	0	c02
.....uggaagaAuagugauuuuguu.....	1	1	c02
.....uUgaagacuagugauuuuguu.....	1	1	c02
.....uggaagacuGgugauuuuguu.....	2	1	c02
.....uggaagacuagugauuuuguGg.....	1	1	c02
.....uggaagacuagugauuuuguuU.....	7	1	c02
.....uggaagacuagugauuuCguug.....	1	1	c02
.....uggaagacuagugauuuuguuC.....	2	1	c02
.....Gggaagacuagugauuuuguug.....	21	1	c02
.....uggaagacuaguCauuuuguug.....	1	1	c02
.....uggaagacuagugauuuuguug.....	149	0	c02
.....uggaagacuagugauuuuguuA.....	9	1	c02
.....uggaagaGuagugauuuuguugu.....	1	1	c02
.....uggaagacuUgugauuuuguugu.....	1	1	c02
.....uCgaagacuagugauuuuguugu.....	1	1	c02
.....uggaagacuagugauuuuguugG.....	1	1	c02
.....uggaagacuagugauuuuguugu.....	141	0	c02
.....Gggaagacuagugauuuuguugu.....	20	1	c02
.....uggaagacuaguCauuuuguugu.....	1	1	c02
.....Aggaagacuagugauuuuguugu.....	2	1	c02
.....uggaagCcuagugauuuuguugu.....	1	1	c02
.....uggaagacuagugauuuuguuguu.....	1	1	c02
.....uggaagGcuagugauuuuguuguu.....	1	1	c02
.....uCgaagacuagugauuuuguuguu.....	1	1	c02
.....uggaagacuaCugauuuuguuguu.....	2	1	c02
.....uggaagacuagugauuuuguuguu.....	346	0	c02
.....Gggaagacuagugauuuuguuguu.....	42	1	c02
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.....uggaagacuagugauuuuguuguuu.....	5	0	c02
.....uggaagacuagugauuuuguuguuA.....	2	1	c02
.....uggaagacuagugauuuuguuguuG.....	1	1	c02
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.....uggaagacuagugauuuuguuguuuA.....	1	1	c02
.....Ugaagacuagugauuuugu.....	1	1	c02
.....Ugaagacuagugauuuuguu.....	1	1	c02
.....gaagacuagugauuuuguuguu.....	1	0	c02
.....Cagacuagugauuuuguu.....	1	1	c02
.....aagacuagugauuuuguu.....	4	0	c02
.....aagacuagugauuuuguA.....	1	1	c02
.....aagacuagugauuuuguug.....	1	0	c02

Mature Star

accacuagccucgaguugucuggaagacuagugauuuuguugguuuugauuugaguaacaagaaaucacuaaucucccuacaaagcgugggcgaauacuucggaucaagauuu

.....aagacuagugauuuuguuC.....	1	1	c02
.....aagacuagugauuuuguuguu.....	2	0	c02
.....acuagugauuuuguuguu.....	1	0	c02
.....caagaaaucacuaaucucc.....	1	0	c02
.....caagaaaucacuaaucucccu.....	7	0	c02
.....caagaaaucacuaaucucccua.....	5	0	c02
.....aaucacuaaucucccuaA.....	1	1	c02
.....ucuggaagacuagugauuuugu.....	1	0	c15
.....ucuggaagacuagugauuuuguug.....	1	0	c15
.....cuggaagacuagugauuuugu.....	8	0	c15
.....cuggaagacuagugauuuuguu.....	2	0	c15
.....cuggaagacuagugauuuuguuA.....	1	1	c15
.....cuggaagacuagugauuuuguug.....	3	0	c15
.....cuggaagacuagugauuuuguugu.....	1	0	c15
.....cuggaagacuagugauuuuguuguu.....	2	0	c15
.....uggaagacuagCgauuuu.....	1	1	c15
.....uCgaagacuagugauuuu.....	1	1	c15
.....uggaagacuagugauuuu.....	50	0	c15
.....uggaagacuagAgauuuug.....	1	1	c15
.....uggaagacuagugauuuGg.....	1	1	c15
.....uggaagacuagugauuuug.....	233	0	c15
.....uggaagacuagugauuuuA.....	3	1	c15
.....uggaagacuagugauuuuC.....	1	1	c15
.....uggaagacuagugauuAugu.....	8	1	c15
.....ugUaagacuagugauuuugu.....	3	1	c15
.....uUgaagacuagugauuuugu.....	5	1	c15
.....uggaagacuUgugauuuugu.....	1	1	c15
.....uggaaAacuagugauuuugu.....	1	1	c15
.....uggaagacuagugauuuugA.....	27	1	c15
.....uggaagacuaguAauuuugu.....	1	1	c15
.....Aggaagacuagugauuuugu.....	6	1	c15
.....uggaagacuagCgauuuugu.....	2	1	c15
.....uggaagacuagugauuuugu.....	10399	0	c15
.....Cggaagacuagugauuuugu.....	9	1	c15
.....uggaagacuagugauuuugC.....	30	1	c15
.....uggaagacuaUugauuuugu.....	2	1	c15
.....uggaagaUuagugauuuugu.....	2	1	c15
.....uggaagacAagugauuuugu.....	1	1	c15
.....uggaaUacuagugauuuugu.....	5	1	c15
.....uggaagacuagugauuuuAu.....	3	1	c15
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.....uggaGgacuagugauuuugu.....	1	1	c15
.....uggaagacuagAgauuuugu.....	2	1	c15
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.....uggaagacuagugauGuugu.....	2	1	c15
.....uggaagacuagugauuCugu.....	1	1	c15
.....uggGagacuagugauuuugu.....	5	1	c15
.....uggaagacCagugauuuugu.....	3	1	c15
.....uggaagacuGgugauuuugu.....	4	1	c15
.....uCgaagacuagugauuuugu.....	1	1	c15
.....uggaagacuagugauAuugu.....	3	1	c15
.....uggaagacuagugUuuuugu.....	1	1	c15
.....ugAaagacuagugauuuugu.....	2	1	c15
.....uAgaagacuagugauuuugu.....	3	1	c15
.....uggaagacuagugauuuugG.....	8	1	c15
.....uggaagacuagGgauuuugu.....	7	1	c15
.....uggaagaAuagugauuuugu.....	1	1	c15
.....uggaagacuaAugauuuugu.....	2	1	c15
.....uggaagacuagugauuuAgu.....	1	1	c15
.....uggaagacuagugauuuGgu.....	2	1	c15
.....uggaagGcuagugauuuugu.....	1	1	c15
.....uggaUgacuagugauuuugu.....	2	1	c15
.....uggaagUcuagugauuuugu.....	2	1	c15
.....uggaagacuagugauCuugu.....	1	1	c15
.....uggaagacuagugauuuCgu.....	3	1	c15
.....uggaagacuagugauuuuUu.....	2	1	c15
.....uggaagacuagugUuuuuguu.....	6	1	c15
.....uggaagacuagugaCuuuguu.....	1	1	c15
.....uggaagacuagugauuuuguA.....	176	1	c15

Mature Star

accacuagccucgaguuguc**uggaagacuagugauuuuguug**uuuugauuugaguaa**caagaaaucacuaaucucccua**caaagcgugggcgaauacuucggaucaagauuu

.....uggaagaUuagugauuuuguu.....	1	1	c15
.....Cggaagacuagugauuuuguu.....	2	1	c15
.....uggaagacuagCgauuuuguu.....	4	1	c15
.....uggaagacuagugauuGuguu.....	2	1	c15
.....uggaagacuagAgauuuuguu.....	5	1	c15
.....uggaagacuaAugauuuuguu.....	1	1	c15
.....uggaagacuagugauuuuguC.....	16	1	c15
.....uggaagacuagugauGuuguu.....	2	1	c15
.....Aggaagacuagugauuuuguu.....	6	1	c15
.....uggaagacuUgugauuuuguu.....	3	1	c15
.....uggaaCacuagugauuuuguu.....	1	1	c15
.....Gggaagacuagugauuuuguu.....	1	1	c15
.....uggaUgacuagugauuuuguu.....	1	1	c15
.....uggaagacuagugauuuuguu.....	7633	0	c15
.....uggaagacuCgugauuuuguu.....	1	1	c15
.....uCgaagacuagugauuuuguu.....	1	1	c15
.....uggaagacAagugauuuuguu.....	3	1	c15
.....uggaagacuagugauuuugAu.....	4	1	c15
.....uggaagacuaCugauuuuguu.....	1	1	c15
.....uggaagacuagugauuuuUuu.....	2	1	c15
.....uggGagacuagugauuuuguu.....	3	1	c15
.....uggaagacuagugaAuuuguu.....	3	1	c15
.....uUgaagacuagugauuuuguu.....	3	1	c15
.....uggaagacuagugaGuuuguu.....	1	1	c15
.....uggaagacuagugauuuugGu.....	2	1	c15
.....uggaagacCagugauuuuguu.....	1	1	c15
.....uggaaAacuagugauuuuguu.....	2	1	c15
.....uggaagacuagugauuAuguu.....	1	1	c15
.....ugUaagacuagugauuuuguu.....	2	1	c15
.....uggaagacuagGgauuuuguu.....	6	1	c15
.....ugAaagacuagugauuuuguu.....	1	1	c15
.....uggaagacuagugCuuuuguu.....	1	1	c15
.....uggaagacuagugauuuCguu.....	1	1	c15
.....uggaagacuaUugauuuuguu.....	1	1	c15
.....uAgaagacuagugauuuuguu.....	6	1	c15
.....uggaagacuagugauuuuguG.....	3	1	c15
.....uggaagacuGgugauuuuguu.....	2	1	c15
.....uggaagacuagugauuuugCu.....	6	1	c15
.....uggaagacuagGgauuuuguug.....	7	1	c15
.....Aggaagacuagugauuuuguug.....	5	1	c15
.....uggaagacuagugauuuuguuC.....	9	1	c15
.....uggaUgacuagugauuuuguug.....	1	1	c15
.....Gggaagacuagugauuuuguug.....	1	1	c15
.....uCgaagacuagugauuuuguug.....	2	1	c15
.....uggaagacuaCugauuuuguug.....	1	1	c15
.....uggaagacuagugauuuAguug.....	1	1	c15
.....uggaagacuagugauuAuguug.....	2	1	c15
.....ugUaagacuagugauuuuguug.....	3	1	c15
.....uggaagUcuagugauuuuguug.....	1	1	c15
.....uggaagacuagugGuuuuguug.....	1	1	c15
.....uggaagacuaguUauuuuguug.....	1	1	c15
.....uggGagacuagugauuuuguug.....	1	1	c15
.....uggaagacuagugUuuuuguug.....	1	1	c15
.....uggaagacuagugauuuuguCg.....	5	1	c15
.....uggaagacuUgugauuuuguug.....	2	1	c15
.....uggaagacCagugauuuuguug.....	3	1	c15
.....uggaagacuGgugauuuuguug.....	2	1	c15
.....uggaagacuagugaAuuuguug.....	1	1	c15
.....uggaagacuagugauuuuguug.....	6996	0	c15
.....uggaagacuagugauuuuguuA.....	167	1	c15
.....uAgaagacuagugauuuuguug.....	7	1	c15
.....uggaagacuagugaCuuuguug.....	2	1	c15
.....uggaagacuagugauuuugAug.....	2	1	c15
.....uggaagacuagugauuuuguAg.....	3	1	c15
.....uggaagacuagugauuuuguuU.....	491	1	c15
.....uggaagacuagugauuuugCug.....	6	1	c15
.....uggaagacuagugauCuuguug.....	1	1	c15
.....uggaagacuagugauuuuAuug.....	1	1	c15
.....uggaCgacuagugauuuuguug.....	3	1	c15
.....uggaagacuagAgauuuuguug.....	6	1	c15

Mature Star

accacuagccucgaguugucuggaagacuagugauuuuguuguuuugauuugaguaacaagaaaucacuaaucucccuacaaagcgugggcgaauacuucggaucaagauuu

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.....uggaagacuagCgauuuuguug.....	3	1	c15
.....uggaagacuaguAauuuuguug.....	1	1	c15
.....Cggaagacuagugauuuuguug.....	9	1	c15
.....ugAaagacuagugauuuuguug.....	2	1	c15
.....uggaaAacuagugauuuuguug.....	1	1	c15
.....uggaagacuagugauuuugGug.....	3	1	c15
.....uggaagacuagugauAuuguug.....	1	1	c15
.....uUgaagacuagugauuuuguug.....	2	1	c15
.....uggaagacuagugauuuCguug.....	2	1	c15
.....uggaagacuagugauuuuguuUu.....	19	1	c15
.....uggaagacuUgugauuuuguugu.....	1	1	c15
.....uggaagacuagugauCuuguugu.....	1	1	c15
.....uggaagCcuagugauuuuguugu.....	1	1	c15
.....uggaagacuagugauuAuguugu.....	1	1	c15
.....uggaagacAagugauuuuguugu.....	1	1	c15
.....Gggaagacuagugauuuuguugu.....	2	1	c15
.....uggaagacuagGgauuuuguugu.....	5	1	c15
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.....uggaagacuagugauuuuguugu.....	6574	0	c15
.....uggaagacuagugauuuuguugA.....	55	1	c15
.....uggaaAacuagugauuuuguugu.....	2	1	c15
.....uggaagacuagugUuuuuguugu.....	2	1	c15
.....uggaagacuagugauuuugGugu.....	3	1	c15
.....uUgaagacuagugauuuuguugu.....	5	1	c15
.....uggaagacuagugauuuuUuugu.....	1	1	c15
.....uggaagacuagugauuuuguugC.....	22	1	c15
.....uggaagGcuagugauuuuguugu.....	3	1	c15
.....uggaagacuagugauuuuguAgu.....	2	1	c15
.....uggaagacuagAgauuuuguugu.....	3	1	c15
.....Cggaagacuagugauuuuguugu.....	5	1	c15
.....uggaagacuagugauAuuguugu.....	1	1	c15
.....uggaagacuagCgauuuuguugu.....	3	1	c15
.....uggaagacuagugauuGuguugu.....	1	1	c15
.....uggaagacuaguAauuuuguugu.....	2	1	c15
.....ugAaagacuagugauuuuguugu.....	3	1	c15
.....uggaagacuagugauuuuguuCu.....	5	1	c15
.....uggaagaUuagugauuuuguugu.....	1	1	c15
.....uggaUgacuagugauuuuguugu.....	1	1	c15
.....uggaagacCagugauuuuguugu.....	1	1	c15
.....uggaagaGuagugauuuuguugu.....	1	1	c15
.....uggaaUacuagugauuuuguugu.....	2	1	c15
.....uggaagaAuagugauuuuguugu.....	2	1	c15
.....uggaagacuGgugauuuuguugu.....	2	1	c15
.....uAgaagacuagugauuuuguugu.....	4	1	c15
.....uggaagacuagugauuuuguuAu.....	17	1	c15
.....Aggaagacuagugauuuuguugu.....	4	1	c15
.....uggGagacuagugauuuuguugu.....	1	1	c15
.....uggaagacuagugauuuGguugu.....	1	1	c15
.....uggaagacuagugauuuAguugu.....	3	1	c15
.....uggUagacuagugauuuuguugu.....	1	1	c15
.....uggaagacuagugauuuugAugu.....	5	1	c15
.....uCgaagacuagugauuuuguugu.....	3	1	c15
.....uggaagacuCgugauuuuguuguu.....	2	1	c15
.....uggaagacuagugauuuuguugCu.....	1	1	c15
.....uggaagCcuagugauuuuguuguu.....	1	1	c15
.....uUgaagacuagugauuuuguuguu.....	4	1	c15
.....uggaagacuagugauuuuguuguG.....	1	1	c15
.....uggaagaUuagugauuuuguuguu.....	3	1	c15
.....uggaagacuagugauuuugAuguu.....	2	1	c15
.....uggaagacuagCgauuuuguuguu.....	2	1	c15
.....uggaagacuagugauuuuguuUuu.....	11	1	c15
.....ugAaagacuagugauuuuguuguu.....	3	1	c15
.....uggaagacuaguUauuuuguuguu.....	1	1	c15
.....ugUaagacuagugauuuuguuguu.....	1	1	c15
.....uggaagacuagugauuuCguuguu.....	1	1	c15
.....uggaagacuagugGuuuuguuguu.....	1	1	c15
.....uggaagacuagugUuuuuguuguu.....	2	1	c15
.....uggaagacuUgugauuuuguuguu.....	2	1	c15

Mature Star

accacuagccucgaguuguc**uggaagacuagugauuuuguug**uuuugauuugaguaa**caagaaaucacuaaucucccua**caaagcgugggcgaauacuucggaucaagauuu

.....uggaagacuagugauuuugCuguu.....	4	1	c15
.....uggaagacuagugauuuuguuguC.....	9	1	c15
.....uggaaAacuagugauuuuguuguu.....	1	1	c15
.....uggaagUcuagugauuuuguuguu.....	1	1	c15
.....uggaagacuagGgauuuuguuguu.....	3	1	c15
.....uggaagacuagAgauuuuguuguu.....	6	1	c15
.....uggaagacuagugauuuuguuguu.....	4232	0	c15
.....uggaagacuaguCauuuuguuguu.....	1	1	c15
.....Cggaagacuagugauuuuguuguu.....	7	1	c15
.....Aggaagacuagugauuuuguuguu.....	6	1	c15
.....uggaagacuagugauuuuguuguA.....	11	1	c15
.....uggaagacuagugauuAuguuguu.....	1	1	c15
.....uggaagacuagugauuuuguuCuu.....	2	1	c15
.....uAgaagacuagugauuuuguuguu.....	5	1	c15
.....uggaagacuagugauuuuguugGu.....	1	1	c15
.....uggaagacuagugauuuuGuguuu.....	2	1	c15
.....uggaaUacuagugauuuuguuguu.....	1	1	c15
.....uggUagacuagugauuuuguuguu.....	1	1	c15
.....uggaagaGuagugauuuuguuguu.....	1	1	c15
.....uggaagacuagugauuuuguuguuG.....	1	1	c15
.....uggaagacuagAgauuuuguuguuu.....	1	1	c15
.....uggaagacuagugauuuuguuguAu.....	2	1	c15
.....uggaagacuagugauuuuguuguuC.....	3	1	c15
.....uggaagacuagugauuuuguuguuu.....	105	0	c15
.....uggaagacuagugauuuuguuUuuu.....	1	1	c15
.....uggaagacuagugauuuuguuguuA.....	15	1	c15
.....uggaagacuagugauuuuguCguuu.....	1	1	c15
.....uggaagacuagugauuuuguuguuuC.....	3	1	c15
.....uggaagacuagugauuuuguuguuuu.....	18	0	c15
.....uggaagacuagugauuuuguuguuAu.....	1	1	c15
.....uggaagacuagugauuuuguuguuuA.....	3	1	c15
.....uggaagacuagugauuuuguuUuuuu.....	1	1	c15
.....uggaagacuagugauuuuguuguuuuA.....	1	1	c15
.....uggaagacuagugauuuuguuguuuuU.....	6	1	c15
.....Ugaagacuagugauuuugu.....	2	1	c15
.....ggaagacuagugauuuugu.....	6	0	c15
.....Ugaagacuagugauuuuguu.....	1	1	c15
.....ggaagacuagugauuuuguu.....	4	0	c15
.....ggaagacuagugauuuuguug.....	3	0	c15
.....ggaagacuagugauuuuguugA.....	1	1	c15
.....ggaagacuagugauuuuguugu.....	3	0	c15
.....ggaagacuagugauuuuguuguu.....	3	0	c15
.....gaagacuagugauuuuguu.....	3	0	c15
.....gaagacuagugauuuuguugu.....	1	0	c15
.....gaagacuagugauuuuguuguu.....	22	0	c15
.....aagacuagugauuuuguu.....	4	0	c15
.....aagacuagugauuuuguug.....	1	0	c15
.....aagacuagugauuuuguuA.....	1	1	c15
.....aagacuagugauuuuguugu.....	1	0	c15
.....aagacuagugauuuuguuguu.....	6	0	c15
.....agacuagugauuuuguugu.....	5	0	c15
.....agacuagugauuuuguuguu.....	1	0	c15
.....caagaaUucacuaaucuccc.....	1	1	c15
.....caagaaaucacuaaucuccc.....	3	0	c15
.....caagaaaucacuaaucucccu.....	8	0	c15
.....cUagaaaucacuaaucucccua.....	1	1	c15
.....caagaaaucacuaaucucccua.....	215	0	c15
.....caagaaaucacuaaucucccuU.....	3	1	c15
.....caagaaaucacuaaucucccCa.....	3	1	c15
.....caagaaaucacuaaucucccAa.....	2	1	c15
.....caagaaaucacuaaucucccuac.....	1	0	c15
.....caagaaaucacuaaucucccuaU.....	30	1	c15
.....caagaaaucacuaaucucccuaA.....	3	1	c15
.....caagaaaucacuaaucucccuaAa.....	1	1	c15
.....caagaaaucacuaaucucccuaUa.....	1	1	c15
.....Gagaaaucacuaaucucccua.....	1	1	c15
.....aagaaaucacuaaucucccua.....	2	0	c15
.....aagaaaucacuaaucucccuaU.....	2	1	c15

.....guGuggaagacuagugauuuugu.....	1	1	c09

Mature Star

accacuagccucgaguugucuggaagacuagugauuuuguuguuuugauuugaguaacaagaaaucacuaaucucccuacaaagcgugggcgaauacuucggaucaagauuu

.....uUuggaagacuagugauuuug.....	1	1	c09
.....ucuggaagacuagugauuuuguuguu.....	1	0	c09
.....Gcuggaagacuagugauuuuguuguu.....	1	1	c09
.....cuggaagacuagugauuuugu.....	2	0	c09
.....cuggaagacuagugauuuuguugu.....	1	0	c09
.....uggaagacuagugauuCu.....	1	1	c09
.....Gggaagacuagugauuuu.....	4	1	c09
.....uggUagacuagugauuuu.....	1	1	c09
.....uggaagacuagugauuGu.....	1	1	c09
.....uggaagacuagugauuuu.....	62	0	c09
.....uggaagacuagugauuuG.....	1	1	c09
.....uggaagacuagugauuuug.....	72	0	c09
.....Gggaagacuagugauuuug.....	8	1	c09
.....uggaagacuagugauuuuA.....	1	1	c09
.....uggaagacCagugauuuugu.....	1	1	c09
.....uggaagaAuagugauuuugu.....	1	1	c09
.....uggaagacuagugCuuuugu.....	1	1	c09
.....uggaagacuagCgauuuugu.....	1	1	c09
.....uggaagacuagugauuuugu.....	1017	0	c09
.....uggaagacuaCugauuuugu.....	1	1	c09
.....uggaagacuagugauuuuCu.....	2	1	c09
.....uggaagCcuagugauuuugu.....	3	1	c09
.....uggaagacuaguCauuuugu.....	1	1	c09
.....uggaagacuagugauuuugG.....	1	1	c09
.....uCgaagacuagugauuuugu.....	1	1	c09
.....Gggaagacuagugauuuugu.....	83	1	c09
.....Aggaagacuagugauuuugu.....	5	1	c09
.....uggaagacuagugauuuugGu.....	1	1	c09
.....uggaaCacuagugauuuuguu.....	1	1	c09
.....uggaagacuagugauuuuguC.....	5	1	c09
.....uggaagaUuagugauuuuguu.....	1	1	c09
.....uggaagacuagugauuuugAu.....	2	1	c09
.....uggaagacuagugauuuuguu.....	1065	0	c09
.....uggaagacuagugGuuuuguu.....	1	1	c09
.....uggaagacuagugauAuuguu.....	2	1	c09
.....ugCaagacuagugauuuuguu.....	1	1	c09
.....uAgaagacuagugauuuuguu.....	3	1	c09
.....uggaagacuagugauuuuguA.....	10	1	c09
.....ugUaagacuagugauuuuguu.....	1	1	c09
.....uggaGgacuagugauuuuguu.....	2	1	c09
.....uggaagacAagugauuuuguu.....	1	1	c09
.....Cggaagacuagugauuuuguu.....	1	1	c09
.....Gggaagacuagugauuuuguu.....	83	1	c09
.....uCgaagacuagugauuuuguu.....	1	1	c09
.....uggaaUacuagugauuuuguu.....	1	1	c09
.....uggaagacuagAgauuuuguu.....	1	1	c09
.....uggaagacuaCugauuuuguu.....	2	1	c09
.....Aggaagacuagugauuuuguu.....	6	1	c09
.....uggaagGcuagugauuuuguu.....	1	1	c09
.....Gggaagacuagugauuuuguug.....	23	1	c09
.....uggaagacuagAgauuuuguug.....	1	1	c09
.....uggaagacuagugauuuuguuC.....	2	1	c09
.....uggaagacuagugauuuCguug.....	1	1	c09
.....ugCaagacuagugauuuuguug.....	1	1	c09
.....uCgaagacuagugauuuuguug.....	1	1	c09
.....uggaagacuagugauuuuguuU.....	11	1	c09
.....uggaagacuagugauuuuguuA.....	10	1	c09
.....Aggaagacuagugauuuuguug.....	2	1	c09
.....uggUagacuagugauuuuguug.....	1	1	c09
.....uggaagacuagugauuuuguug.....	181	0	c09
.....uggaagacuagugauuuuguugu.....	139	0	c09
.....uggaagacuagugauuuuguuUu.....	1	1	c09
.....uggaagacuagugauuuuguugA.....	5	1	c09
.....Gggaagacuagugauuuuguugu.....	9	1	c09
.....uggaagacuagugauuuuguugC.....	1	1	c09
.....Aggaagacuagugauuuuguugu.....	1	1	c09
.....uAgaagacuagugauuuuguuguu.....	2	1	c09
.....Cggaagacuagugauuuuguuguu.....	1	1	c09
.....uggaagacuagugauuuuCuuguu.....	1	1	c09
.....uCgaagacuagugauuuuguuguu.....	2	1	c09

Mature Star

accacuagccucgaguuguc**uggaagacuagugauuuuguug**uuuugauuugaguaa**caagaaaucacuaaucucccua**caaagcgugggcgaauacuucggaucaagauuu

.....Gggaagacuagugauuuuguguu.....	31	1	c09
.....uggaagacuagugauuuuguguu.....	519	0	c09
.....uggaagacuagugauuuugGuguu.....	1	1	c09
.....uggaagacuagugauuuuguguuG.....	1	1	c09
.....Aggaagacuagugauuuuguguu.....	4	1	c09
.....uggaagacuagAgauuuuguguu.....	1	1	c09
.....uggaagacuagugauuuuguguC.....	1	1	c09
.....uggaagacuagugauuuuguugCu.....	1	1	c09
.....uggaagacuagugauuuuguuCuu.....	2	1	c09
.....Gggaagacuagugauuuuguguuu.....	2	1	c09
.....uggaagacuagugauuuuguguuu.....	12	0	c09
.....uggaagacuagugauuuuguguuA.....	6	1	c09
.....uggaagacuagugauuuuguguuG.....	3	1	c09
.....uggaagacuagugauuuuguguuC.....	2	1	c09
.....uggaagacuagugauuuuguguuuu.....	1	0	c09
.....uggaagacuagugauuuuguguuGu.....	1	1	c09
.....ggaagacuagugauuuugu.....	1	0	c09
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.....gGagacuagugauuuuguu.....	1	1	c09
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.....gaagacuagugauuuuguguu.....	3	0	c09
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.....Cagacuagugauuuuguug.....	1	1	c09
.....aagacuagugauuuuguugu.....	2	0	c09
.....aagacuagugauuuuguuUu.....	1	1	c09
.....aagacuagugauuuuguuUuu.....	1	1	c09
.....aagacuagugauuuuguuguu.....	2	0	c09
.....agacuagugauuuuguug.....	2	0	c09
.....agacuagugauuuuguuguu.....	1	0	c09
.....Ccuagugauuuuguuguu.....	2	1	c09
.....acuaUugauuuuguuguu.....	1	1	c09
.....acuagugauuuuguuguu.....	1	0	c09
.....acuagugauuuuguuguuuugauuugaguaa.....	1	0	c09
.....caagaaaucacuaaucucccu.....	1	0	c09
.....caagaaaucacuaaucucccua.....	8	0	c09
.....aagaaaucacuaaucucccuaU.....	1	1	c09

.....gaAuugucuggaagacuagugauuu.....	1	1	c04
.....uugucuggaagacuagugauA.....	1	1	c04
.....uugucuggaagacuagugauu.....	1	0	c04
.....ugucuggaagacuagugau.....	3	0	c04
.....ugucuggaagacuagugauuuu.....	1	0	c04
.....cuggaagacuagugauuu.....	1	0	c04
.....uggaagacuagugauuuu.....	11	0	c04
.....Aggaagacuagugauuuu.....	1	1	c04
.....Gggaagacuagugauuuu.....	3	1	c04
.....ugUaagacuagugauuuug.....	1	1	c04
.....uggaagacuagugauuuug.....	7	0	c04
.....uggaagacuagugauuuugu.....	16	0	c04
.....Gggaagacuagugauuuugu.....	2	1	c04
.....uggaagacuagugauuuuguu.....	62	0	c04
.....Gggaagacuagugauuuuguu.....	5	1	c04
.....Gggaagacuagugauuuuguug.....	7	1	c04
.....uggaagacuagugauuuuguuA.....	16	1	c04
.....uggaagacuagugauuuuCuug.....	1	1	c04
.....uggaagacuagugauuuuguug.....	112	0	c04
.....uggaagacuaguCauuuuguug.....	1	1	c04
.....uggaagacuagugauuuuguugA.....	1	1	c04
.....Aggaagacuagugauuuuguugu.....	3	1	c04
.....uggaagacuagugauuuuguugu.....	72	0	c04
.....Gggaagacuagugauuuuguugu.....	4	1	c04
.....uggaagacuagugauuuuguuguu.....	228	0	c04
.....uggaagacuagugauuuAguuguu.....	1	1	c04
.....ugUaagacuagugauuuuguuguu.....	1	1	c04
.....uggaagacuagugauGuuguuguu.....	1	1	c04
.....Aggaagacuagugauuuuguuguu.....	2	1	c04
.....uggaagaAuagugauuuuguuguu.....	1	1	c04
.....uggaagacuagugauuuuguuguA.....	3	1	c04

Mature Star

accacuagccucgaguuguc**uggaagacuagugauuuuguug**uuuugauuugaguaa**caagaaaucacuaaucucccua**caaagcgugggcgaauacuucggaucaagauuu

.....Gggaagacuagugauuuuguuguu.....	16	1	c04
.....uggaagacuagugauuuuguuguuG.....	1	1	c04
.....Aggaagacuagugauuuuguuguuu.....	1	1	c04
.....uggaagacuagugauuuuguuguuA.....	18	1	c04
.....uggaagacuagugauuuuguuguuu.....	5	0	c04
.....uggaagacuagugauuuuguuguuAu.....	1	1	c04
.....uggaagacuagugauuuuguuguuuA.....	1	1	c04
.....uggaagacuagugauuuuguuguuuu.....	1	0	c04
.....uggaagacuagugauuuuguuguuuuC.....	1	1	c04
.....uggaagacuagugauuuuguuguuuuAa.....	1	1	c04
.....gaagacuagugauuuuugu.....	1	0	c04
.....gaagacuagugauuuuuguuu.....	2	0	c04
.....gGagacuagugauuuuguuguu.....	1	1	c04
.....gaagacuagugauuuuguuguuA.....	1	1	c04
.....aagacuagugauuuuguuguu.....	1	0	c04
.....acuagugauuuuguuguu.....	1	0	c04
.....caagaaaucacuaaucucccua.....	2	0	c04
.....caagaaaucacuaaucucccuaAa.....	1	1	c04

.....ugAcuggaagacuagugauuuuguug.....	1	1	c16
.....Cucuggaagacuagugauuuuguu.....	1	1	c16
.....gGcuggaagacuagugauuuuguug.....	1	1	c16
.....gucuggaagacuagugauuuuguuguu.....	2	0	c16
.....guGuggaagacuagugauuuuguuguu.....	1	1	c16
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.....cuggaagacuaguUauuuuguug.....	1	1	c16
.....cuggaagacuagugauuuuguug.....	10	0	c16
.....cuggaagacuagugauuuuguugu.....	3	0	c16
.....cuggaagacuagugauuuuguuguA.....	1	1	c16
.....Guggaagacuagugauuuuguuguu.....	1	1	c16
.....cuggaagacuagugauuuuCuuguu.....	1	1	c16
.....cuggaagacuagugauuuuguuguu.....	11	0	c16
.....cuggaagacuagugauuuuguuguuA.....	1	1	c16
.....uggaagacuUgugauuuu.....	1	1	c16
.....uggaagacuagugauuuA.....	1	1	c16
.....uggaGgacuagugauuuu.....	1	1	c16
.....Aggaagacuagugauuuu.....	3	1	c16
.....uggaaCacuagugauuuu.....	1	1	c16
.....uggaagacuagugauuuu.....	304	0	c16
.....Cggaagacuagugauuuu.....	1	1	c16
.....uggaagCcuagugauuuu.....	3	1	c16
.....uggaagacuagugauuuC.....	1	1	c16
.....Gggaagacuagugauuuu.....	32	1	c16
.....uggaagacuagugauuCu.....	1	1	c16
.....uCgaagacuagugauuuu.....	1	1	c16
.....uggaagacuagugauuuCg.....	1	1	c16
.....uggaagacuagugauuuug.....	458	0	c16
.....uggaagCcuagugauuuug.....	1	1	c16
.....uUgaagacuagugauuuug.....	1	1	c16
.....uggaagacuagugauuuuC.....	1	1	c16
.....Gggaagacuagugauuuug.....	43	1	c16
.....uggaagacuagugauuuAg.....	1	1	c16
.....uggaagacuagugauuuuA.....	5	1	c16
.....uggaagacuagugauuuAgu.....	1	1	c16
.....uggaagacuagugauuuugC.....	1	1	c16
.....uggaagacuagugauuuugA.....	1	1	c16
.....uggaagacuaCugauuuugu.....	2	1	c16
.....Gggaagacuagugauuuugu.....	133	1	c16
.....uggaagacuagugauuuugu.....	1291	0	c16
.....uggaagacuagugaGuuugu.....	1	1	c16
.....Cggaagacuagugauuuugu.....	2	1	c16
.....uggaagacuUgugauuuugu.....	1	1	c16
.....uggaagacuaUugauuuugu.....	1	1	c16
.....uggaaCacuagugauuuugu.....	3	1	c16
.....uggaagCcuagugauuuugu.....	2	1	c16
.....uggaagacuagugauuuuUu.....	1	1	c16
.....uUgaagacuagugauuuugu.....	1	1	c16
.....uggaagacuaAugauuuugu.....	1	1	c16
.....uggaagacuagCgauuuugu.....	1	1	c16

Mature Star

accacuagccucgaguugucuggaagacuagugauuuuguugguuuugauuugaguuacaagaaaucacuaaucucccuacaaagcgugggcgaauacuucggaucaagauuu

.....uggaagacuagugauuuugG.....	1	1	c16
.....uggaagacuagugauuuCgu.....	1	1	c16
.....Aggaagacuagugauuuugu.....	8	1	c16
.....uggaUgacuagugauuuugu.....	1	1	c16
.....ugCaagacuagugauuuugu.....	1	1	c16
.....uggaagacuagugGuuuugu.....	1	1	c16
.....ugUaagacuagugauuuugu.....	2	1	c16
.....uggaagacuagugauGuugu.....	1	1	c16
.....uggaagacuagugauuuugGu.....	4	1	c16
.....uggaagUcuagugauuuuguu.....	1	1	c16
.....uggaagacuagugauuuuUuu.....	2	1	c16
.....uggaagacAagugauuuuguu.....	1	1	c16
.....uggaagacuagugCuuuuguu.....	1	1	c16
.....uUgaagacuagugauuuuguu.....	1	1	c16
.....uggaagCcuagugauuuuguu.....	9	1	c16
.....uggaagacuagugauuuuguA.....	17	1	c16
.....uggaagacuagugaGuuuguu.....	4	1	c16
.....uggaagacuaUugauuuuguu.....	3	1	c16
.....uggaagacuagugauuuuCuu.....	7	1	c16
.....uggaagacuaguCauuuuguu.....	1	1	c16
.....ugCaagacuagugauuuuguu.....	4	1	c16
.....uggaaUacuagugauuuuguu.....	3	1	c16
.....uggaagacuagugauuuugAu.....	4	1	c16
.....uggaagacuagugauuuuguu.....	4577	0	c16
.....uggaGgacuagugauuuuguu.....	1	1	c16
.....uggaaCacuagugauuuuguu.....	1	1	c16
.....uCgaagacuagugauuuuguu.....	3	1	c16
.....Aggaagacuagugauuuuguu.....	28	1	c16
.....uggaagacuagAgauuuuguu.....	1	1	c16
.....uggaagacuagugauuuuguC.....	5	1	c16
.....Gggaagacuagugauuuuguu.....	488	1	c16
.....uggaagacuagugauuuuAuu.....	2	1	c16
.....uggUagacuagugauuuuguu.....	2	1	c16
.....ugAaagacuagugauuuuguu.....	3	1	c16
.....Cggaagacuagugauuuuguu.....	8	1	c16
.....uggaUgacuagugauuuuguu.....	2	1	c16
.....uggaagacuagugauAuuguu.....	1	1	c16
.....uggaagacuagugauCuuguu.....	2	1	c16
.....uggaagacuaAugauuuuguu.....	1	1	c16
.....uggaagacuUgugauuuuguu.....	2	1	c16
.....uggaagaAuagugauuuuguu.....	4	1	c16
.....uAgaagacuagugauuuuguu.....	1	1	c16
.....uggaagacuaCugauuuuguu.....	3	1	c16
.....uggGagacuagugauuuuguu.....	1	1	c16
.....uggaagacuagugaCuuuguu.....	4	1	c16
.....ugUaagacuagugauuuuguu.....	1	1	c16
.....uggaagacuagugauuuuguG.....	3	1	c16
.....uggaagacuagugauuCuguu.....	2	1	c16
.....uggGagacuagugauuuuguug.....	8	1	c16
.....uggaagacuagugaGuuuguug.....	5	1	c16
.....uggaagacAagugauuuuguug.....	7	1	c16
.....uggaagaAuagugauuuuguug.....	13	1	c16
.....uggaagacuagugauuuuguuA.....	555	1	c16
.....uggaagacuagugauuuuAuug.....	5	1	c16
.....uggaagacuagugUuuuuguug.....	1	1	c16
.....uggaagacuagugauuuCguug.....	4	1	c16
.....uggaagacuagugauuCuguug.....	4	1	c16
.....uggaagacuagugauuuuguCg.....	4	1	c16
.....uggaagUcuagugauuuuguug.....	1	1	c16
.....Aggaagacuagugauuuuguug.....	80	1	c16
.....uggaagacuagugauGuuguug.....	6	1	c16
.....uggaagacuagugauuuGguug.....	2	1	c16
.....uggaagacuagugCuuuuguug.....	1	1	c16
.....uggaagacuGgugauuuuguug.....	5	1	c16
.....uggaagacGagugauuuuguug.....	1	1	c16
.....uggaagacuagugauuuuUuug.....	4	1	c16
.....uggaagacuagugGuuuuguug.....	1	1	c16
.....uggaagaUuagugauuuuguug.....	3	1	c16
.....ugUaagacuagugauuuuguug.....	12	1	c16
.....uggaaCacuagugauuuuguug.....	5	1	c16

Mature Star

accacuagccucgaguugucuggaagacuagugauuuuguuguuuugauuugaguaacaagaaaucacuaaucucccuacaaagcgugggcgaauacuucggaucaagauuu

.....uggaagacuagugauuuugAug.....	8	1	c16
.....ugCaagacuagugauuuuguug.....	10	1	c16
.....uggaagacuagGgauuuuguug.....	1	1	c16
.....Gggaagacuagugauuuuguug.....	1644	1	c16
.....ugAaagacuagugauuuuguug.....	1	1	c16
.....uggaagacuaguAauuuuguug.....	1	1	c16
.....uggaagacuagAgauuuuguug.....	8	1	c16
.....uggaagacuagugauuuuguuC.....	19	1	c16
.....uggaagacuagugauuAuguug.....	5	1	c16
.....uggaagacuCgugauuuuguug.....	1	1	c16
.....uggaagacuaguUauuuuguug.....	1	1	c16
.....uggaaUacuagugauuuuguug.....	8	1	c16
.....uggaagacuaAugauuuuguug.....	2	1	c16
.....uggaaAacuagugauuuuguug.....	1	1	c16
.....uggaagGcuagugauuuuguug.....	1	1	c16
.....uggaagacuagugaAuuuguug.....	6	1	c16
.....uggaagacuagugauuuuCuug.....	18	1	c16
.....uggaagacuagugauAuuguug.....	8	1	c16
.....uggaagacuagugauuuugCug.....	2	1	c16
.....Cggaagacuagugauuuuguug.....	15	1	c16
.....uggaagacuagugauuuuguAg.....	4	1	c16
.....uAgaagacuagugauuuuguug.....	7	1	c16
.....uggaagacuagugauuuuguuU.....	73	1	c16
.....uUgaagacuagugauuuuguug.....	10	1	c16
.....uggaagacuaguCauuuuguug.....	4	1	c16
.....uggaagacCagugauuuuguug.....	1	1	c16
.....uggaagacuagugauuuAguug.....	8	1	c16
.....uggaagacuagugauCuuguug.....	2	1	c16
.....uggaagacuagugaCuuuguug.....	2	1	c16
.....uggaagCcuagugauuuuguug.....	59	1	c16
.....uggaUgacuagugauuuuguug.....	3	1	c16
.....uCgaagacuagugauuuuguug.....	10	1	c16
.....uggaagacuagCgauuuuguug.....	5	1	c16
.....uggUagacuagugauuuuguug.....	2	1	c16
.....uggaGgacuagugauuuuguug.....	2	1	c16
.....uggaagaGuagugauuuuguug.....	1	1	c16
.....uggaagacuaCugauuuuguug.....	8	1	c16
.....uggaagacuaUugauuuuguug.....	4	1	c16
.....uggaagacuagugauuuuguug.....	15392	0	c16
.....uggaagacuUgugauuuuguug.....	2	1	c16
.....uggaUgacuagugauuuuguugu.....	3	1	c16
.....uggaagacuagugauuuAguugu.....	1	1	c16
.....uggaagacuGgugauuuuguugu.....	3	1	c16
.....Aggaagacuagugauuuuguugu.....	41	1	c16
.....uggaagacuagugauuuuguugA.....	52	1	c16
.....uggaagacuagugauuuuguuAu.....	9	1	c16
.....uggaagacuagugUuuuuguugu.....	1	1	c16
.....uggaagacuagugauuAuguugu.....	5	1	c16
.....uggaagacGagugauuuuguugu.....	1	1	c16
.....uggaagacuagugauuuuguugG.....	23	1	c16
.....uggUagacuagugauuuuguugu.....	1	1	c16
.....ugCaagacuagugauuuuguugu.....	5	1	c16
.....uggaagacCagugauuuuguugu.....	1	1	c16
.....uggaagaAuagugauuuuguugu.....	1	1	c16
.....uggaagacuagugGuuuuguugu.....	2	1	c16
.....uggaagaUuagugauuuuguugu.....	2	1	c16
.....uggaagacuaguCauuuuguugu.....	3	1	c16
.....uggaagacuagugauuuuguAgu.....	1	1	c16
.....uggaagacuaguUauuuuguugu.....	2	1	c16
.....ugAaagacuagugauuuuguugu.....	1	1	c16
.....uggaagacuagugauuuuAuugu.....	1	1	c16
.....uggaagacuagugauuuuguugu.....	5570	0	c16
.....uggaagacuUgugauuuuguugu.....	1	1	c16
.....uggaagacuagugauCuuguugu.....	1	1	c16
.....uggaagacuagugCuuuuguugu.....	1	1	c16
.....ugUaagacuagugauuuuguugu.....	2	1	c16
.....uggaagacuaCugauuuuguugu.....	3	1	c16
.....uggaaUacuagugauuuuguugu.....	1	1	c16
.....uggaagCcuagugauuuuguugu.....	19	1	c16
.....uggaagacuagugauuuuguCgu.....	2	1	c16

Mature Star

accacuagccucgaguuguc**uggaagacuagugauuuuguug**uuuugauuugaguaa**caagaaaucacuaaucucccua**caaagcgugggcgaauacuucggaucaagauuu

.....uggaagacuagugauuuuguuCu.....	5	1	c16
.....uggaaAacuagugauuuuguugu.....	1	1	c16
.....uggaagacuagugaGuuuguugu.....	4	1	c16
.....uUgaagacuagugauuuuguugu.....	6	1	c16
.....uCgaagacuagugauuuuguugu.....	4	1	c16
.....uggaagUcuagugauuuuguugu.....	1	1	c16
.....uggaagacAagugauuuuguugu.....	3	1	c16
.....uggaagacuagugauAuuguugu.....	2	1	c16
.....Cggaagacuagugauuuuguugu.....	7	1	c16
.....uggaagacuagugauuCuguugu.....	1	1	c16
.....uggaagacuagugauuuuguugC.....	13	1	c16
.....uggaagacuagugauuuuguuUu.....	2	1	c16
.....uggaagacuagugauuuuguGgu.....	1	1	c16
.....Gggaagacuagugauuuuguugu.....	613	1	c16
.....uAgaagacuagugauuuuguugu.....	1	1	c16
.....uggaagacuagugauuuuCuugu.....	7	1	c16
.....uggaagacuagugauuuugAugu.....	8	1	c16
.....uggaagacuagCgauuuuguugu.....	2	1	c16
.....uggaagaGuagugauuuuguugu.....	1	1	c16
.....uggaaCacuagugauuuuguugu.....	2	1	c16
.....uggaagacuagAgauuuuguugu.....	2	1	c16
.....uggaagacuaAugauuuuguugu.....	1	1	c16
.....uggaagacuagugauuuuUuugu.....	1	1	c16
.....uggaGgacuagugauuuuguugu.....	3	1	c16
.....uggaaCacuagugauuuuguuguu.....	2	1	c16
.....uggaagacuagugauuCuguuguu.....	3	1	c16
.....uggaagGcuagugauuuuguuguu.....	1	1	c16
.....uggaagacuagugaCuuuguuguu.....	2	1	c16
.....uggaGgacuagugauuuuguuguu.....	6	1	c16
.....uggGagacuagugauuuuguuguu.....	3	1	c16
.....uggaagacuagugauuuuguuAuu.....	1	1	c16
.....uggaagacuagugauuuuguuguC.....	16	1	c16
.....uCgaagacuagugauuuuguuguu.....	14	1	c16
.....uggaagacAagugauuuuguuguu.....	1	1	c16
.....uggaagacuUgugauuuuguuguu.....	2	1	c16
.....uggaagacuGgugauuuuguuguu.....	1	1	c16
.....uggaagacuagugauCuuguuguu.....	1	1	c16
.....uggaaUacuagugauuuuguuguu.....	2	1	c16
.....Cggaagacuagugauuuuguuguu.....	12	1	c16
.....uggaaAacuagugauuuuguuguu.....	4	1	c16
.....uggaCgacuagugauuuuguuguu.....	2	1	c16
.....uggaagacuagugauGuuguuguu.....	3	1	c16
.....uggaagacuagugauuuuguugCu.....	1	1	c16
.....uggaagacuagugauuuuguuguG.....	10	1	c16
.....uggaagacuagugauuuuguuCuu.....	8	1	c16
.....uggaagacuagugaAuuuguuguu.....	2	1	c16
.....uggaagacuagugauuuAguuguu.....	5	1	c16
.....uggaagCcuagugauuuuguuguu.....	35	1	c16
.....uggaagacuagugauuuuguuguu.....	9552	0	c16
.....uggaagacuagAgauuuuguuguu.....	3	1	c16
.....uggaagacuagugauuuuguuUuu.....	4	1	c16
.....uggaagacuagugauuuuguGguu.....	1	1	c16
.....uggaagacuaUugauuuuguuguu.....	5	1	c16
.....uggaagacuagugauuAuguuguu.....	8	1	c16
.....uggaagacuaguCauuuuguuguu.....	4	1	c16
.....uggaagacuagugauuuuguuguA.....	381	1	c16
.....uggCagacuagugauuuuguuguu.....	3	1	c16
.....uggaagaAuagugauuuuguuguu.....	7	1	c16
.....uggaagaGuagugauuuuguuguu.....	2	1	c16
.....uggaagacuagugCuuuuguuguu.....	2	1	c16
.....uAgaagacuagugauuuuguuguu.....	2	1	c16
.....uggaagacuaAugauuuuguuguu.....	1	1	c16
.....uggaagUcuagugauuuuguuguu.....	4	1	c16
.....uggaagacuaguUauuuuguuguu.....	5	1	c16
.....uggaagacuagugauuGuguuguu.....	1	1	c16
.....ugCaagacuagugauuuuguuguu.....	6	1	c16
.....uggaagacuagugauuuuguugAu.....	8	1	c16
.....uggaagacuagugauuuuUuuguu.....	9	1	c16
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Mature Star

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.....uUgaagacuagugauuuuguuguu.....	7	1	c16
.....uggaagacuagugauuuuguAguu.....	1	1	c16
.....uggaagacuagugauuuuguCguu.....	4	1	c16
.....uggaagacuagugauAuuguuguu.....	4	1	c16
.....uggaagacCagugauuuuguuguu.....	2	1	c16
.....uggaagacuagugauuuuguugGu.....	5	1	c16
.....uggaagacuagugauuuugAuguu.....	4	1	c16
.....uggaagacuagugauuuugGuguu.....	1	1	c16
.....ugUaagacuagugauuuuguuguu.....	1	1	c16
.....uggaagacuagugaGuuuguuguu.....	2	1	c16
.....Aggaagacuagugauuuuguuguu.....	63	1	c16
.....uggaagacuagCgauuuuguuguu.....	1	1	c16
.....Gggaagacuagugauuuuguuguu.....	1083	1	c16
.....uggaagacuaguAauuuuguuguu.....	1	1	c16
.....uggaagacuagugauuuCguuguu.....	5	1	c16
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.....uggaagacuaCugauuuuguuguu.....	5	1	c16
.....uggaagacuagAgauuuuguuguuu.....	1	1	c16
.....uggaagacuagugauuuCguuguuu.....	1	1	c16
.....uggaagacuagugauuuuguuguGu.....	1	1	c16
.....uggaagaGuagugauuuuguuguuu.....	1	1	c16
.....uggGagacuagugauuuuguuguuu.....	1	1	c16
.....uggaagacuagugauuuuUuuguuu.....	2	1	c16
.....uggaagCcuagugauuuuguuguuu.....	4	1	c16
.....uggaagacuagugauuuuguuguuu.....	453	0	c16
.....uggaagacuagugauuuuguuguuG.....	22	1	c16
.....uggaagacuagugauuuuguuguAu.....	15	1	c16
.....Aggaagacuagugauuuuguuguuu.....	3	1	c16
.....Cggaagacuagugauuuuguuguuu.....	1	1	c16
.....uggaagacuagugauuuuCuuguuu.....	1	1	c16
.....Gggaagacuagugauuuuguuguuu.....	54	1	c16
.....uggaagacuagugauuuuguuAuuu.....	1	1	c16
.....uggaagacuagugaGuuuguuguuu.....	1	1	c16
.....uggaagacuagugauuuuguuguuA.....	2286	1	c16
.....uggaagacuagugauuuuguuguCu.....	2	1	c16
.....uggaagacuagugauuuuguuguuC.....	14	1	c16
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.....uggaagacuagugauuuuguuguuGu.....	2	1	c16
.....uggaagacuagugauuuuguuguuuA.....	29	1	c16
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.....uggaagacuagugauuuuguuguuCu.....	1	1	c16
.....Gggaagacuagugauuuuguuguuuu.....	3	1	c16
.....uggaagacuagugauuuuguuguuAu.....	96	1	c16
.....uggaagacuagugauuuuguuguuuuU.....	10	1	c16
.....uggaagacuagugauuuuguuguuGug.....	1	1	c16
.....uggaagacuagugauuuuguuguuuuAa.....	2	1	c16
.....uggaagacuagugauuuuguuguuuugauuugagu.....	1	0	c16
.....Ugaagacuagugauuuuguug.....	4	1	c16
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.....Ugaagacuagugauuuuguugu.....	2	1	c16
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.....gaagacuagugauuuuguugu.....	3	0	c16
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.....aagacuagugauuuuguug.....	24	0	c16
.....aagacuagugauuuuguuA.....	1	1	c16
.....Cagacuagugauuuuguug.....	1	1	c16
.....aagacuagugauuuuguugu.....	9	0	c16
.....aagacuagugauuuuCugu.....	1	1	c16
.....aagacuagugauuuuguuguA.....	2	1	c16
.....aagacuagugauuuuguuguu.....	34	0	c16

Mature
Star
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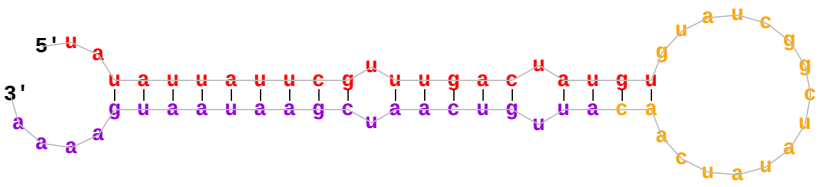
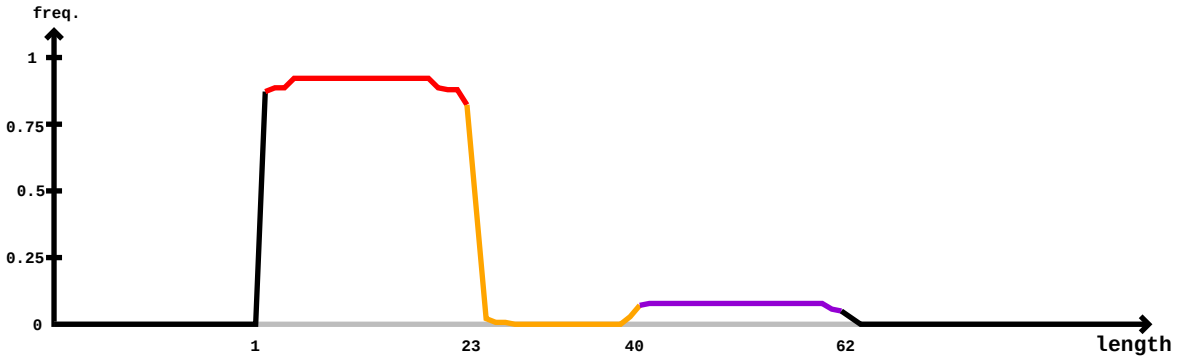
.....aagacuagugauuuuguuguuu..... 2 0 c16
.....aagacuagugauuuuguuguuA..... 4 1 c16
.....agacuagugauuuuguug..... 4 0 c16
.....agacuagugauuuuguuA..... 1 1 c16
.....agacuagugauuuuguugu..... 7 0 c16
.....agacuagugauuuuguuguu..... 12 0 c16
.....gacuagugauuuuCuuguu..... 1 1 c16
.....acuagugauuuuguuguu..... 10 0 c16
.....acuagugauuuuguuguuA..... 1 1 c16
.....Ccuagugauuuuguuguu..... 4 1 c16
.....acuagugauuuuguuguuA..... 2 1 c16
.....acuagugauuuuguuguuG..... 2 1 c16
.....Ccuagugauuuuguuguuu..... 1 1 c16
.....cuagugauuuuguuguuA..... 10 1 c16
.....caagaaaucacuaaucucccc..... 2 0 c16
.....caagaaaucacuaaucucccu..... 17 0 c16
.....caagaaaucacuaaucucccA..... 1 1 c16
.....caagaaaucacuaaucucccuU..... 1 1 c16
.....caagaaauAacuaaucucccua..... 1 1 c16
.....caagaaaucacuaaucucccua..... 19 0 c16
.....caagaaaucacuaaucucccuaA..... 3 1 c16
.....aagaaaucacuaaucucccua..... 1 0 c16

Provisional ID	:	group1_2097
Score total	:	73.7
Score for star read(s)	:	3.9
Score for read counts	:	65.9
Score for mfe	:	-0.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	141
Mature read count	:	130
Loop read count	:	0
Star read count	:	11





Mature **Star**

```
5'- guaacuacauaacaagcauuuauauuauucguuugacuauguguaucggcuauaucaacauugucaaucgaauaaugaaaaugugcaagucuugcaaauuagcacuuuguug  -3'   obs
    guaacuacauaacaagcauuuauauuauucguuugacuauguguaucggcuauaucaacauugucaaucgaauaaugaaaaugugcaagucuugcaaauuagcacuuuguug        exp
    ..............((((((.(((((((((.(((((.((((.............)))).)))))).)))))))))).)))))((((...(((......))).))))..  reads    mm    sample
    ...................uauauuauucguuugacua.....................................................................  1        0     c15
    ...................uauauuauucguuugacuaug....................................................................  1        0     c15
    ...................uauauuauucguuugacuaugu...................................................................  35       0     c15
    ...................uauauuauucgGuugacuaugu...................................................................  1        1     c15
    ...................uauauuauucguuugacuauguC..................................................................  1        1     c15
    ...................uauauuauucgCuugacuaugug..................................................................  1        1     c15
    ...................uauauuauucguuugacuaugug..................................................................  24       0     c15
    ...................uauauuauucguuugacuauguguu................................................................  1        0     c15
    ...................uauauuauucguuugacuauguguUu...............................................................  1        1     c15
    ....................auauuauucguuugacuaugug..................................................................  1        0     c15
    ..........................................................cauugucaaucgaauaaugaa.....................................  2        0     c15
    ..........................................................cauugucaaucgaauaaugaaaa...................................  1        0     c15
    ..........................................................auugucaaucgaauaaugaa......................................  1        0     c15
    ..........................................................auugucaaucgaauaaugaaaa....................................  5        0     c15
    ..........................................................uugucaaucgaauaaugaaaaA....................................  1        1     c15

    ...................uauauuauucguuugacuaug...................................................................  2        0     c02
    ...................Gauauuauucguuugacuaugu..................................................................  3        1     c02
    ...................uauauuauCcguuugacuaugu...................................................................  1        1     c02
    ...................uauauuauucguuugacuaugu...................................................................  11       0     c02
    ...................uauauuauucguuugacuaugug..................................................................  1        0     c02
    ...................uauauuauucguuugacuaugugA.................................................................  1        1     c02
    ..........................................................cauugucaaucgaauaaugaaa....................................  1        0     c02

    ...................uauauuauucguuugacu......................................................................  2        0     c04
    ...................Gauauuauucguuugacuaugu..................................................................  1        1     c04
    ...................uauauuauucguuugacuaugu...................................................................  1        0     c04
    ...................uauauuauucguuugacuaugug..................................................................  1        0     c04
    .....................auuauucguuugacuaugu....................................................................  1        0     c04

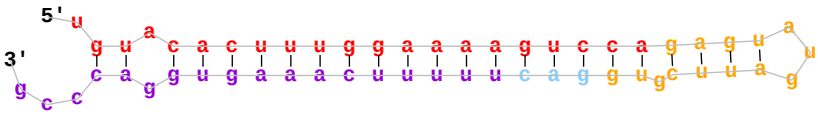
    ...................Gauauuauucguuugacu......................................................................  1        1     c16
    ...................uauauuauucguuugacu......................................................................  1        0     c16
    ...................Gauauuauucguuugacuaug...................................................................  1        1     c16
```

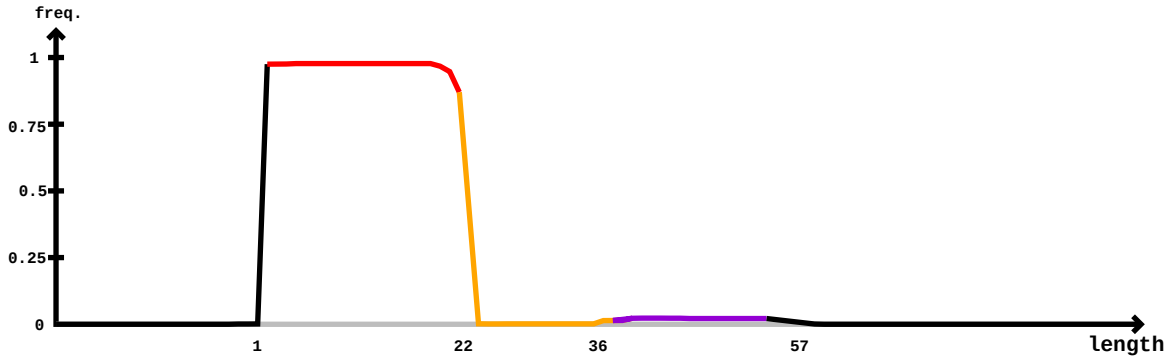
Mature Star

guaacuacauaacaagcauuuauauuauucguuugacuauguguaucggcuauaucaacauugucaaucgaauaaugaaaaugugcaagucuugcaaauuagcacuuuguug

.....uauauuauucguuugacuaug.....	4	0	c16
.....Gauauuauucguuugacuaugu.....	3	1	c16
.....uauauuauucguuugacuaugu.....	16	0	c16
.....uauauuauucguuugacuaugug.....	2	0	c16
.....auauuauucguuugacuaugu.....	1	0	c16
.....auuauucguuugacuaugu.....	3	0	c16
.....auuauucguuugacuaugug.....	1	0	c16
.....uauauuauucguuugacu.....	1	0	c09
.....uauauuauucguuugacuaugu.....	4	0	c09

Provisional ID	:	group1_2163
Score total	:	1656.6
Score for star read(s)	:	3.9
Score for read counts	:	1649.4
Score for mfe	:	2.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	3247
Mature read count	:	3177
Loop read count	:	0
Star read count	:	70





Mature **Star**

```
5'- aacccaaaggugaguucagguguacacuuuggaaaaguccagaguaugauucguggacuuuuucaaaguggacccgugaacucaccugcguucaacgaagaugcgacugaa  -3'   obs
    aacccaaaggugaguucagguguacacuuuggaaaaguccagaguaugauucgugGacuuuuucaaaguggacccgugaacucaccugcguucaacgaagaugcgacugaa        exp
    .......(((((((((((((.((.(((((((((((((((((((...)))).))))))))))))))))))).)))).)))))))))))))(((.......)))))..... reads      mm          sample
    ...................uguacacuuuggaaaaguc.......................................................................... 1          0           c15
    ...................uguacacuuuggaaaagucca...................................................................... 8          0           c15
    ..........................................................gacuuuuucaaaguggacccg.............................. 1          0           c15

    ...................uguacacuuuggaaaaguc.......................................................................... 2          0           c02
    ...................uguacacuuuggaaaagucc...................................................................... 19         0           c02
    ...................Gguacacuuuggaaaagucca.................................................................... 10         1           c02
    ...................uguacacuuuggaaaagucca.................................................................... 61         0           c02
    ...................uguacacuuuggaaaaguccU.................................................................... 1          1           c02
    ...................uguacacuuuggaaaaguccaA................................................................... 1          1           c02
    ...................uguacacuuuggaaaaguccag................................................................... 2          0           c02
    ..................guacacuuuggaaaagucca...................................................................... 1          0           c02
    ..........................................................gacuuuuucaaaguggacccg.............................. 2          0           c02
    ..........................................................gacuuuuucaaaguggacccgu............................. 1          0           c02
    ..........................................................gacuuuuucaaaguggacccguU............................ 1          1           c02
    ..........................................................cuuuuucaaaguggacccg................................ 1          0           c02
    ..........................................................uuuuucaaaguggacccg................................. 6          0           c02
    ..........................................................uuuuucaaaguggacccgu................................ 1          0           c02
    ..........................................................uuuucaaaguggacccgu................................. 1          0           c02

    ...................uguacacuuuggaaaaAu....................................................................... 1          1           c09
    ...................uguacacuuuggaaaagu....................................................................... 5          0           c09
    ...................Gguacacuuuggaaaaguc...................................................................... 1          1           c09
    ...................uguacacuuuggaaaaguc...................................................................... 10         0           c09
    ...................uguacacuuuggaaaagucc..................................................................... 8          0           c09
    ...................Gguacacuuuggaaaagucc..................................................................... 1          1           c09
    ...................uguacacuuuggaaaagucAa.................................................................... 1          1           c09
    ...................Gguacacuuuggaaaagucca.................................................................... 11         1           c09
    ...................uguacacuuuggaaaagucca.................................................................... 104        0           c09
    ...................uguGcacuuuggaaaagucca.................................................................... 1          1           c09
    ...................uguacacuuugAaaaagucca.................................................................... 1          1           c09
    ...................uguacacuuuggaaaaguUca.................................................................... 1          1           c09
    ...................uguacacuuuggaaaGgucca..................................................................... 4          1           c09
```

Mature Star

aacccaaaggugaguucaggguguacacuuuggaaaaguccagaguaugauucguggacuuuuucaaaguggacccgugaacucaccugcguucaacgaagaugcgacugaa

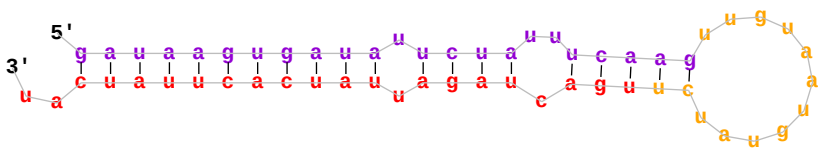
.....uguacacuuuggaaaaguccaU.....	2	1	c09
.....uguacacuuuggaaaaguccag.....	1	0	c09
.....uguacacuuuggaaaaguccaA.....	1	1	c09
.....agaguaugauucguggacuuuuuc.....	1	0	c09
.....gacuuuuucaaaguggacccg.....	1	0	c09
.....acuuuuucaaaguggacccguA.....	1	1	c09
.....uuuuucaaaguggacccg.....	2	0	c09
.....uuuuucaaaguggacccgu.....	1	0	c09
.....uguacacuuuggaaaagucca.....	8	0	c04
.....uguacacuuuggaaaaguccaU.....	1	1	c04
.....agCuguacacuuuggaaaagucca.....	3	1	c16
.....Cuguacacuuuggaaaagucca.....	1	1	c16
.....uguacacuuuggaaaagC.....	1	1	c16
.....uguacacuAuggaaaagu.....	1	1	c16
.....uguacacuuuggaaaagu.....	24	0	c16
.....uguacacuuuggaaaaguc.....	47	0	c16
.....Gguacacuuuggaaaaguc.....	6	1	c16
.....uAuacacuuuggaaaagucc.....	1	1	c16
.....uguacacuuuggaaaagucU.....	1	1	c16
.....uguacacuuuggaaaagucA.....	1	1	c16
.....Cguacacuuuggaaaagucc.....	1	1	c16
.....Aguacacuuuggaaaagucc.....	1	1	c16
.....uguacacuuuAgaaaagucc.....	1	1	c16
.....uguacacuuuggaaCagucc.....	1	1	c16
.....uguacacuuAggaaaagucc.....	1	1	c16
.....uguacacuuuggaaaagucc.....	197	0	c16
.....Gguacacuuuggaaaagucc.....	16	1	c16
.....uguacacuuuggaaaaCucc.....	1	1	c16
.....uguacacuuuggaGaagucc.....	1	1	c16
.....uguacacuuuggaaaaguccC.....	1	1	c16
.....uCuacacuuuggaaaagucca.....	3	1	c16
.....uguacUcuuuggaaaagucca.....	1	1	c16
.....Gguacacuuuggaaaagucca.....	210	1	c16
.....uguacacuuuggaaGagucca.....	2	1	c16
.....uguacacCuuggaaaagucca.....	1	1	c16
.....uguacacuuCggaaaagucca.....	1	1	c16
.....uguacacuuuAgaaaagucca.....	1	1	c16
.....uguacacuuuggaaaagAcca.....	1	1	c16
.....uguGcacuuuggaaaagucca.....	1	1	c16
.....uguacacuuugCaaaagucca.....	2	1	c16
.....uguacacuuuggaGaagucca.....	2	1	c16
.....uUuacacuuuggaaaagucca.....	2	1	c16
.....Aguacacuuuggaaaagucca.....	8	1	c16
.....uguacacuuuggaaaaguAca.....	1	1	c16
.....uguacacuuuggaaaagucAa.....	10	1	c16
.....uguacacuuuggaaaaAucca.....	1	1	c16
.....Cguacacuuuggaaaagucca.....	1	1	c16
.....uguacacuuuggaaaCgucca.....	1	1	c16
.....uguacacuuuggaaaaguccG.....	2	1	c16
.....uguUcacuuuggaaaagucca.....	1	1	c16
.....ugAacacuuuggaaaagucca.....	1	1	c16
.....uguacCcuuuggaaaagucca.....	2	1	c16
.....uguacacuuuggaaaaguccU.....	1	1	c16
.....uguacacuAuggaaaagucca.....	1	1	c16
.....uguacacuuuggaaaaCucca.....	4	1	c16
.....uguacacuGuggaaaagucca.....	1	1	c16
.....ugCacacuuuggaaaagucca.....	1	1	c16
.....uguaAacuuuggaaaagucca.....	1	1	c16
.....uguacacuuuggaaaagucca.....	2240	0	c16
.....uguacacuuugUaaaagucca.....	4	1	c16
.....uAuacacuuuggaaaagucca.....	2	1	c16
.....uguacacuuuCgaaaagucca.....	2	1	c16
.....uguacacuuuggaaaaguccaA.....	1	1	c16
.....Aguacacuuuggaaaaguccag.....	1	1	c16
.....uguacacuuuggaaaaguccCg.....	1	1	c16
.....uguacacuuuggaaaaguccaC.....	3	1	c16
.....uguacacuuuggaaaaguccaU.....	17	1	c16
.....uguacacuuuggaaaagucAag.....	1	1	c16

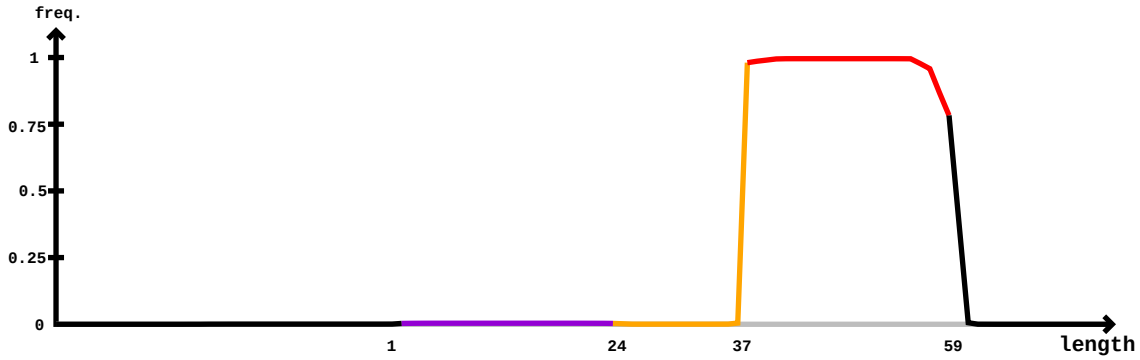
Mature Star

aacccaaaggugaguucaggguacacuuuggaaaaguccagaguaugauucguggacuuuuucaaaguggacccgugaacucaccugcguucaacgaagaugcgacugaa

.....Gguacacuuuggaaaaguccag.....	5	1	c16
.....uguacacuuuggaaaaguccag.....	55	0	c16
.....uguacacuuuggaaaaguccagU.....	4	1	c16
.....uacacuuuggaaaaguccagaguaugauucguggacuuuu.....	1	0	c16
.....acacuuuCgaaaagucca.....	1	1	c16
.....Ccacuuuggaaaagucca.....	2	1	c16
.....acacuuuggaaaagucca.....	2	0	c16
.....guaugauucguggacuuuuuc.....	2	0	c16
.....augauucguggacuuuuuc.....	1	0	c16
.....gacuuuuucaaaguggacc.....	3	0	c16
.....gacuuuuucaaaguggaccc.....	3	0	c16
.....gacuuuuucaaaguggacccg.....	11	0	c16
.....gaAuuuuucaaaguggacccg.....	1	1	c16
.....gacuuuuucaaaguggacccgC.....	1	1	c16
.....gacuuuuucaaaguggacccgu.....	14	0	c16
.....gacuuuuucaaaguggacccguU.....	1	1	c16
.....uuuuucaaaguggacccg.....	8	0	c16
.....Auuuucaaaguggacccg.....	1	1	c16
.....uuuuucaaaguggGcccg.....	1	1	c16
.....uuuuucaaaguggacccgu.....	5	0	c16
.....Guuuucaaaguggacccgu.....	1	1	c16
.....uuuucaaaguggacccgu.....	1	0	c16

Provisional ID	:	group12_18723
Score total	:	46113.3
Score for star read(s)	:	3.9
Score for read counts	:	46103.1
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	90441
Mature read count	:	90117
Loop read count	:	0
Star read count	:	324





Star **Mature**

```
5'- cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucuugacuagauuaucacuuaucaucugcggucggcuuuuc  -3'   obs
    cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucuugacuagauuaucacuuaucaucugcggucggcuuuuc        exp
    .....((((........))))(((((.((.((((.((((((((((((.((((..(((((...........)))))..))))..)))))))))))).))))..))..))))....  reads    mm        sample
    ................................agauaagugauauucuauuucaag.....................................................  1        0         c09
    ................................gauaagugauauucuauuuca.......................................................  1        0         c09
    ................................gauaagugauauucuauuucaa......................................................  2        0         c09
    ................................gauaagugauauucuauuucaag.....................................................  10       0         c09
    ................................gauaagugauauucuauuucaaguuguaauguaucu........................................  3        0         c09
    ................................auaagugauauucuauuucaagu.....................................................  2        0         c09
    ................................uaagugauauucuauuucaag.......................................................  1        0         c09
    ....................................................aguuguaauguaucuugacuaga.................................  1        0         c09
    ..................................................................uugacuagauuaucacuu.....................  1        0         c09
    ..................................................................Cugacuagauuaucacuu.....................  2        1         c09
    ..................................................................Cugacuagauuaucacuuau...................  1        1         c09
    ..................................................................Cugacuagauuaucacuuauc..................  1        1         c09
    ..................................................................uugacuagauuaucacuuauca.................  10       0         c09
    ..................................................................Augacuagauuaucacuuauca.................  1        1         c09
    ..................................................................uugacuagauuaucacuuaucau................  6        0         c09
    ..................................................................Cugacuagauuaucacuuaucau................  1        1         c09
    ..................................................................Agacuagauuaucacuua.....................  2        1         c09
    ..................................................................ugacuagauuaucacuua.....................  114      0         c09
    ..................................................................ugacuagauuaucacuuG.....................  2        1         c09
    ..................................................................Ggacuagauuaucacuua.....................  10       1         c09
    ..................................................................ugaUuagauuaucacuua.....................  1        1         c09
    ..................................................................ugacuaUauuaucacuua.....................  1        1         c09
    ..................................................................ugacuagauuaucacuuU.....................  4        1         c09
    ..................................................................ugacuagauuaucacuuC.....................  2        1         c09
    ..................................................................ugacuagauuaucacuGau....................  1        1         c09
    ..................................................................Agacuagauuaucacuuau....................  2        1         c09
    ..................................................................ugacuagauuaucacuuau....................  153      0         c09
    ..................................................................ugacuagauuaucacuuCu....................  1        1         c09
    ..................................................................ugacuagauuaGcacuuau....................  1        1         c09
    ..................................................................Ggacuagauuaucacuuau....................  12       1         c09
    ..................................................................ugacuagaGuaucacuuau....................  1        1         c09
    ..................................................................ugacuagauCaucacuuauc...................  1        1         c09
    ..................................................................ugGcuagauuaucacuuauc...................  1        1         c09
```

Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuuc

.....ugacuagauuaucacuuauA.....	1	1	c09
.....ugacuagUuuaucacuuauc.....	1	1	c09
.....ugacuagauuaAcacuuauc.....	1	1	c09
.....Ggacuagauuaucacuuauc.....	38	1	c09
.....ugacuagauuaucacuuauG.....	1	1	c09
.....ugacuagauuaucCcuuauc.....	3	1	c09
.....ugacuagauuaucacuuauU.....	2	1	c09
.....ugacuagauuaucacuuauc.....	606	0	c09
.....ugacuagauuaucacuCauca.....	1	1	c09
.....ugacuagauuaucacuuauUa.....	1	1	c09
.....ugacuagauuaucacAuauca.....	1	1	c09
.....Ggacuagauuaucacuuauca.....	37	1	c09
.....ugacuagauuaucacuuauca.....	660	0	c09
.....ugacAagauuaucacuuauca.....	1	1	c09
.....uUacuagauuaucacuuauca.....	2	1	c09
.....ugacuagauuaucacuuaucG.....	2	1	c09
.....ugacuagauuaucacuuauAa.....	1	1	c09
.....ugacuagauuaucacuuaucC.....	10	1	c09
.....ugacuagauuaucaGuuauca.....	1	1	c09
.....ugacuagauuaucCcuuauca.....	1	1	c09
.....ugCcuagauuaucacuuauca.....	1	1	c09
.....ugacuagauuaucacuuaucU.....	4	1	c09
.....ugacuagauuaucacuuaCca.....	2	1	c09
.....ugacuagauuaucacuuaAca.....	1	1	c09
.....Agacuagauuaucacuuauca.....	2	1	c09
.....ugacuagauuaucacuuauAau.....	7	1	c09
.....ugaUuagauuaucacuuaucau.....	1	1	c09
.....ugacuagauuauAacuuaucau.....	2	1	c09
.....ugacuagauuaucacuuaucaA.....	2	1	c09
.....ugacuagauuaucacuuaAcau.....	1	1	c09
.....ugaAuagauuaucacuuaucau.....	2	1	c09
.....ugacuagauuaucacuCaucau.....	1	1	c09
.....ugacuagauuaucacuAaucau.....	1	1	c09
.....Ggacuagauuaucacuuaucau.....	149	1	c09
.....ugacuagauuaucacuuaucaG.....	1	1	c09
.....ugacuagauAaucacuuaucau.....	1	1	c09
.....ugacCagauuaucacuuaucau.....	1	1	c09
.....ugacuagauuauUacuuaucau.....	7	1	c09
.....ugacuagaCuaucacuuaucau.....	1	1	c09
.....ugacuagauGaucacuuaucau.....	1	1	c09
.....ugacuagauuaucacuuauUau.....	1	1	c09
.....uUacuagauuaucacuuaucau.....	1	1	c09
.....Agacuagauuaucacuuaucau.....	11	1	c09
.....ugacuagauuaucacuuaucau.....	2277	0	c09
.....ugCcuagauuaucacuuaucau.....	1	1	c09
.....uCacuagauuaucacuuaucau.....	2	1	c09
.....ugacuagauuaAcacuuaucau.....	2	1	c09
.....ugacuagauuaucCcuuaucau.....	3	1	c09
.....ugacuagauCaucacuuaucau.....	1	1	c09
.....ugacuagaAuaucacuuaucau.....	2	1	c09
.....ugacuagauuaucacuuaGcau.....	1	1	c09
.....ugacuagauuaucaAuuaucau.....	5	1	c09
.....ugacuagauuaucacuuaucCu.....	2	1	c09
.....ugacuagauuaucacuuaucaC.....	22	1	c09
.....ugacuagauuaucacuuaucauA.....	11	1	c09
.....ugacuagauuaucacuuaucCuc.....	1	1	c09
.....ugacuagauuaucacuuaucUuc.....	1	1	c09
.....ugacuagauuaucacuuaucaCc.....	2	1	c09
.....ugacuagauuaucacuuaucaGc.....	1	1	c09
.....ugacuagauuaucacuuaucauU.....	195	1	c09
.....Ggacuagauuaucacuuaucauc.....	1	1	c09
.....ugaAuagauuaucacuuaucauc.....	1	1	c09
.....ugacuagauuaucacuuaucaAc.....	1	1	c09
.....ugacuagauuaucacuuaucauG.....	15	1	c09
.....ugacuagauuaucacuuaucauc.....	19	0	c09
.....ugacuagauuaucacuuaucauUu.....	10	1	c09
.....ugacuagauuaucacuuaucauGu.....	1	1	c09
.....ugacuagauuaucacuuaucaucug.....	1	0	c09
.....ugacuagauuaucacuuaucaucGgc.....	1	1	c09
.....ugacuagauuaucacuuaucaucugcC.....	1	1	c09

Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuuc			
.....gacuagauuaucacuuau.....	2	0	c09
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.....gGcuagauuaucacuuaucau.....	1	1	c09
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.....gauaagugauauucuauuuc.....	4	0	c16
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.....Cuaagugauauucuauuuca.....	2	1	c16
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.....uaagugauauucuauuucaa.....	2	0	c16
.....Gaagugauauucuauuucaa.....	1	1	c16
.....Gaagugauauucuauuucaag.....	1	1	c16
.....uaagugauauucuauuucaaA.....	1	1	c16
.....uaagugauauucuauuucaag.....	3	0	c16
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Star Mature

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.....ucCugacuagauuaucacuuaucau.....	1	1	c16
.....cuugacuagauuaucacuuau.....	2	0	c16
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.....ugaAuagauuaucacuua.....	1	1	c16
.....ugacAagauuaucacuua.....	1	1	c16
.....ugacuagauuaucacuuC.....	7	1	c16
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.....ugGcuagauuaucacuuau.....	1	1	c16
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.....ugacuagauuaucacuuaA.....	2	1	c16
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Star Mature

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.....ugacuagauuaucacuuGuc.....	1	1	c16
.....ugacuagCuuaucacuuauc.....	3	1	c16
.....ugacuaUauuaucacuuauc.....	1	1	c16
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.....uAacuagauuaucacuuauc.....	1	1	c16
.....ugacuagauuaucCcuuauc.....	9	1	c16
.....ugacuagauuaucacuuaAc.....	1	1	c16
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.....ugacuagauuaucacuuauU.....	8	1	c16
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.....ugacuagauuaucacAuauc.....	4	1	c16
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.....ugacuagauuGucacuuauca.....	1	1	c16
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.....ugaUuagauuaucacuuauca.....	1	1	c16
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.....ugacuagauuaGcacuuauca.....	1	1	c16
.....ugacCagauuaucacuuauca.....	2	1	c16
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.....ugacuagauuUucacuuauca.....	1	1	c16
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.....ugacuagauuaucacuuauUa.....	7	1	c16
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.....ugacuaAauuaucacuuaucau.....	3	1	c16
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.....uUacuagauuaucacuuaucau.....	20	1	c16
.....ugacuagauuaucCcuuaucau.....	72	1	c16
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.....ugacuaCauuaucacuuaucau.....	16	1	c16
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.....ugacuUgauuaucacuuaucau.....	4	1	c16
.....ugacuagauuaucacuuaucUu.....	7	1	c16
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.....ugacuagauuaucacuuaucaG.....	11	1	c16
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.....ugacuagauuaucacuuaucGu.....	6	1	c16
.....ugacuagauuaucaGuuaucau.....	10	1	c16
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.....ugacuagauuaucacuuauAau.....	82	1	c16
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Star Mature

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.....ugaUuagauuaucacuuaucau.....	14	1	c16
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.....acuagauuaucacuuaucauAu.....	2	1	c16
.....acuagauuaucacuuaucaucu.....	4	0	c16
.....cuaCauuaucacuuauca.....	1	1	c16

Star Mature

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                                                                  cuagauuaucacuuaucaA.....  1  1  c16
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                                                                  cuagauuaucacuuaucauc....  1  0  c16
                                                                  cuagauuaucacuuaucauU....  20  1  c16
                                                                  cuagauuaucacuuaucauUu...  1  1  c16
                                                                  cuagauuaucacuuaucaucuC..  1  1  c16
                                                                  Gagauuaucacuuaucau.....  4  1  c16
                                                                  uagauuaucacuuaucau.....  32  0  c16
                                                                  uagauuaucCcuuaucau.....  1  1  c16
                                                                  uagauuaucacuuaucauU....  4  1  c16
                                                                  uagauuaucacuuaucauA....  1  1  c16
                                                                  agauuaucacuuaucauU.....  4  1  c16

                                aagauaagugauauucuauuuc.....                               1  0  c04
                                gauaagugauauucuauu.....                                   1  0  c04
                                gaAaagugauauucuauuucaag.....                              1  1  c04
                                gauaagugauauucuauuucaag.....                              12  0  c04
                                gauaagugauauucuauuucaaguug.....                           1  0  c04
                                gauaagugauauucuauuucaaguuguaauguaucu.....                 1  0  c04
                                Gaagugauauucuauuucaaguu.....                              1  1  c04
                                uaagugauauucuauuucaaguugua.....                           1  0  c04
                                                                  uugacuagauuaucacuu.....  2  0  c04
                                                                  uugacuagauuaucacuua....  1  0  c04
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                                                                  Cugacuagauuaucacuuauc..  1  1  c04
                                                                  uAgacuagauuaucacuuauca.  1  1  c04
                                                                  Cugacuagauuaucacuuauca.  1  1  c04
                                                                  uugacuagauuaucacuuauca.  1  0  c04
                                                                  Cugacuagauuaucacuuaucau  2  1  c04
                                                                  uugacuagauuaucacuuaucau  5  0  c04
                                                                  ugacuagauuaucacuAa.....  1  1  c04
                                                                  ugacuagauuaucacuuC.....  3  1  c04
                                                                  ugacuagauuaucacuuG.....  1  1  c04
                                                                  ugacuagauuaucacuuU.....  5  1  c04
                                                                  Ggacuagauuaucacuua.....  4  1  c04
                                                                  ugacuagauuaucacuua.....  163  0  c04
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                                                                  ugacuagauuaucacuuaC....  1  1  c04
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                                                                  Ggacuagauuaucacuuau....  7  1  c04
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                                                                  ugacuagauuaucCcuuauc...  1  1  c04
                                                                  ugacuagauuaucacuCauc...  1  1  c04
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                                                                  Ggacuagauuaucacuuauc...  22  1  c04
                                                                  ugacuagauuaucacuuaGc...  1  1  c04
                                                                  ugacuagaAuaucacuuauc...  1  1  c04
                                                                  ugacuaUauuaucacuuauc...  1  1  c04
                                                                  ugacuagauuaucacuuauU...  3  1  c04
                                                                  ugacuagauuaucacuuaucG..  1  1  c04
                                                                  ugacuagauuaucacuuaucC..  4  1  c04
                                                                  ugacuagauuaucacuuaucU..  2  1  c04
                                                                  Agacuagauuaucacuuauca.  1  1  c04
                                                                  Ggacuagauuaucacuuauca.  6  1  c04
```

Star Mature

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.....ugacuagauuaucacuuaGcau.....	1	1	c04
.....ugacuaUauuaucacuuaucau.....	2	1	c04
.....Agacuagauuaucacuuaucau.....	11	1	c04
.....ugacuagauuaucacuAaucau.....	1	1	c04
.....ugacuagauuaucacuCaucau.....	1	1	c04
.....ugacuagauuaucacuuaucaA.....	3	1	c04
.....ugacuagauuUucacuuaucau.....	1	1	c04
.....ugacuagauuaucacuuauAau.....	3	1	c04
.....Ggacuagauuaucacuuaucau.....	142	1	c04
.....ugCcuagauuaucacuuaucau.....	1	1	c04
.....uCacuagauuaucacuuaucau.....	2	1	c04
.....ugacuagauuaucCcuuaucau.....	2	1	c04
.....ugacuagauuauAacuuaucau.....	1	1	c04
.....ugaUuagauuaucacuuaucau.....	1	1	c04
.....ugUcuagauuaucacuuaucau.....	1	1	c04
.....ugacuagaAuaucacuuaucau.....	1	1	c04
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.....ugacuagauuaucacuuUucau.....	1	1	c04
.....ugacuagauuaucGcuuaucau.....	2	1	c04
.....ugacuagauuaucacuuauUau.....	2	1	c04
.....ugacuaAauuaucacuuaucau.....	1	1	c04
.....ugacuaCauuaucacuuaucau.....	1	1	c04
.....ugacuagauuGucacuuaucau.....	1	1	c04
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.....ugacuagauuaucacuuaucaucA.....	1	1	c04
.....ugacuagauuaucacuuaucaucu.....	1	0	c04
.....ugacuagauuaucacuuaucauGu.....	1	1	c04
.....ugacuagauuaucacuuaucaucug.....	1	0	c04
.....gacuagauuaucacuuauca.....	1	0	c04
.....Aacuagauuaucacuuaucau.....	1	1	c04
.....gacuagauuaucacuuaucau.....	7	0	c04
.....gacuagauuaucacuuaucauA.....	1	1	c04
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.....Gcuagauuaucacuuaucau.....	1	1	c04
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.....cuagauuaucacuuaucauU.....	1	1	c04
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.....uaagugauauucuauuucaag.....	1	0	c02
.....uaagugauauucuauuucaaguu.....	1	0	c02
.....Gcuugacuagauuaucacu.....	1	1	c02
.....Gugacuagauuaucacuu.....	1	1	c02
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.....uugacuagauuaucacuua.....	1	0	c02
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.....uugacuagauuaucacuuauc.....	1	0	c02

Star Mature

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.....Gugacuagauuaucacuuauca.....	1	1	c02
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.....uugacuagauuaucacuuaucaC.....	1	1	c02
.....uugacuagauuaucacuuaucau.....	1	0	c02
.....uugacuagauuaucacuuaucauA.....	1	1	c02
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.....Agacuagauuaucacuua.....	1	1	c02
.....ugacuagauuaucacuua.....	96	0	c02
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.....ugacuagauuaucacuuGu.....	1	1	c02
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.....ugacuagauuaucacuuau.....	65	0	c02
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.....ugacuagauuaucacuuaC.....	1	1	c02
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.....Agacuagauuaucacuuauc.....	3	1	c02
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.....ugacuagauuaucacuuaucaG.....	1	1	c02
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.....ugacuagauuaucacuuaucGu.....	1	1	c02
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.....ugacuagauuaucacuuaucCu.....	1	1	c02
.....Agacuagauuaucacuuaucau.....	14	1	c02
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.....ugacuagauuaucacuuaucau.....	2416	0	c02
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.....ugacuagaCuaucacuuaucau.....	1	1	c02
.....ugacuagauuaucaUuuaucau.....	3	1	c02
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.....ugacuagauuaucacAuaucau.....	1	1	c02
.....ugacuagauuaucacGuaucau.....	1	1	c02
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.....ugacuaCauuaucacuuaucau.....	1	1	c02
.....ugacuagaGuaucacuuaucau.....	2	1	c02
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.....ugacuagauuaucacuuaCcau.....	1	1	c02
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.....ugacuagauAaucacuuaucau.....	1	1	c02
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.....ugacuagauuaucaAuuaucau.....	1	1	c02
.....ugacuagauuaAcacuuaucau.....	1	1	c02

Star Mature

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..................................................................acuagauuaucacuuaucaucC.....  1   1   c02
..................................................................acuagauuaucacuuaucauAu.....  1   1   c02
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.................................................................cuagauuaucacuuaucauU.........  3   1   c02
.................................................................cuagauuaucacuuaucauA.........  1   1   c02
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...............................agauaagugauauucuauuuca.....................................................  1   0   c15
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..................................................................cuugacuagauuaucacuuau..............  3   0   c15
..................................................................cuugacuagauuaucaAuuauc.............  1   1   c15
..................................................................cuugacuagauuaucacuuauc.............  2   0   c15
```

Star Mature

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.....uugacuagauuaucacuuau.....	2	0	c15
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.....uugacAagauuaucacuuauc.....	1	1	c15
.....uugacuagauuaucacuuauca.....	5	0	c15
.....Cugacuagauuaucacuuaucau.....	6	1	c15
.....uugacuagauuaucacuuaucau.....	14	0	c15
.....uugacuagauuaucacuuaucaC.....	1	1	c15
.....uugacuagauuaucacuuaucauU.....	1	1	c15
.....ugacuagauuaucacuuU.....	1	1	c15
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.....ugacuagauuaucacuGa.....	1	1	c15
.....ugacuagauuaucacCua.....	1	1	c15
.....ugacuagauuaucacuuaA.....	1	1	c15
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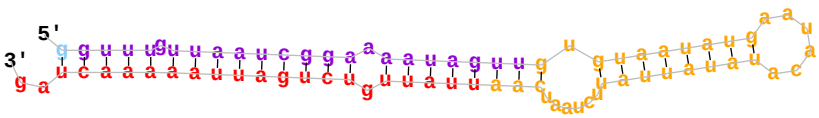
.....ugacuagauuaucacuGaucau.....	1	1	c15
.....ugacuagauuaucacuuaCcau.....	4	1	c15
.....ugacuagauuaucacuuaAcau.....	3	1	c15
.....ugacuagauuaucaUuuaucau.....	3	1	c15
.....uUacuagauuaucacuuaucau.....	3	1	c15
.....ugaUuagauuaucacuuaucau.....	1	1	c15
.....ugacuagauuaucacCuaucau.....	3	1	c15
.....ugacuagauuaucacuCaucau.....	2	1	c15
.....ugacuagauuGucacuuaucau.....	2	1	c15
.....ugaAuagauuaucacuuaucau.....	1	1	c15
.....ugacuagauuauAacuuaucau.....	3	1	c15
.....ugacuUgauuaucacuuaucau.....	2	1	c15
.....ugacuagauuaucacuuaucau.....	11932	0	c15
.....ugacuagauuaucacGuaucau.....	3	1	c15
.....ugacuagauuaucacuuaucaC.....	528	1	c15
.....ugacuagauuaucacuuauAau.....	8	1	c15
.....Cgacuagauuaucacuuaucau.....	7	1	c15
.....ugUcuagauuaucacuuaucau.....	3	1	c15
.....ugacAagauuaucacuuaucau.....	2	1	c15
.....ugacuagauuaucacuAaucau.....	2	1	c15
.....ugacuagauuaucacuuaucaG.....	5	1	c15
.....ugacuagaAuaucacuuaucau.....	1	1	c15
.....ugacuagauuaucacuuUucau.....	1	1	c15
.....ugacuagauuauGacuuaucau.....	3	1	c15
.....ugacuagauCaucacuuaucau.....	3	1	c15
.....ugacuagauuaucacuuaucCu.....	6	1	c15

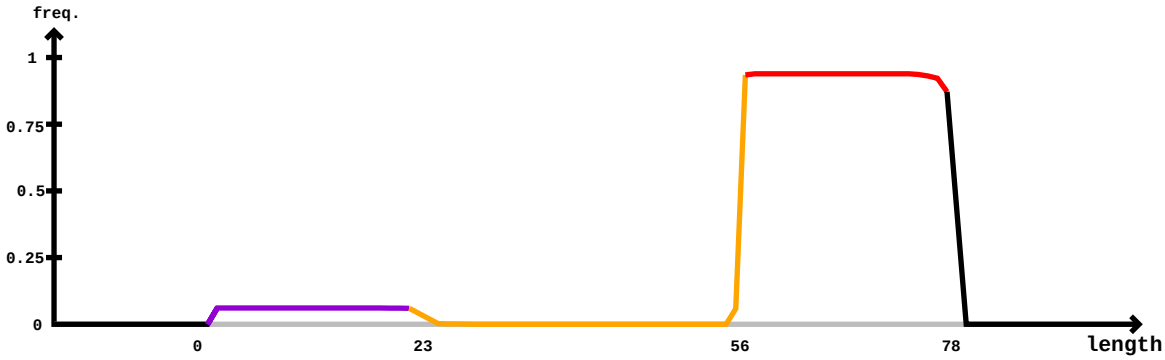
Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuuc

.....ugacuagauuaucacuuauUau.....	37	1	c15
.....ugacuagauuaucacuuaucUu.....	3	1	c15
.....ugacuaUauuaucacuuaucau.....	2	1	c15
.....ugacuagauuUucacuuaucau.....	1	1	c15
.....ugacuagauuaucacuuauGau.....	8	1	c15
.....ugacuagauuaucacuuCucau.....	2	1	c15
.....ugacuagauuaucacuuaucaA.....	112	1	c15
.....ugacuagCuuaucacuuaucau.....	2	1	c15
.....Agacuagauuaucacuuaucau.....	14	1	c15
.....ugacuagUuuaucacuuaucau.....	3	1	c15
.....ugGcuagauuaucacuuaucau.....	3	1	c15
.....ugacuagauuauUacuuaucau.....	9	1	c15
.....ugacuagauuaucacuuaucaAc.....	1	1	c15
.....ugacuagauuaucacuuaucaGc.....	1	1	c15
.....ugacuagauuaucacuuaucauG.....	6	1	c15
.....ugacuagauuaucacuuaucauA.....	64	1	c15
.....ugacuagauuaucacuuaucaCc.....	1	1	c15
.....ugacuagauuaucacuuaucauc.....	74	0	c15
.....ugacuagauuaucacuuaucauU.....	1293	1	c15
.....ugacuagauuaucacuuaucauUu.....	109	1	c15
.....ugacuagauuaucacuuaucauAu.....	1	1	c15
.....ugacuagauuaucacuuaucaucu.....	4	0	c15
.....gacuagauuaucacuuauc.....	1	0	c15
.....gacuagauuaucacuuauca.....	1	0	c15
.....gacuagauuaucacuAaucau.....	1	1	c15
.....gacuagauuaucacuuaucau.....	53	0	c15
.....gacuagauuauUacuuaucau.....	1	1	c15
.....gacuagauuaucacuuaucaC.....	2	1	c15
.....gacuagauuaucacuuaucauU.....	16	1	c15
.....gacuagauuaucacuuaucauA.....	6	1	c15
.....gacuagauuaucacuuaucauUu.....	1	1	c15
.....acuagauuaucacuuaucaC.....	1	1	c15
.....acuagauuaucacuuaucau.....	2	0	c15
.....acuagauuaucacuuaucauc.....	1	0	c15
.....acuagauuaucacuuaucauU.....	1	1	c15
.....acuagauuaucacuuaucauUu.....	12	1	c15
.....cuagauuaucacuuaucau.....	6	0	c15
.....cuagauuaucacuuaucauU.....	1	1	c15
.....uagauuaucacuuaucau.....	5	0	c15
.....uagauuaucacuuaucauU.....	1	1	c15

Provisional ID	:	group12_18787
Score total	:	820.3
Score for star read(s)	:	3.9
Score for read counts	:	813.3
Score for mfe	:	-1.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1607
Mature read count	:	1509
Loop read count	:	0
Star read count	:	98





Star **Mature**

```
5'- aagcgcaguucuucgguuuguuaaucggaaaauaguuguguaauaugaauacauauauuauucuaaucaauuauugucugauuaaaaacuaggugcggacacucggcaagc  -3'   obs
    aagcgcaguucuucgguuuguuaaucggaaaauaguuguguaauaugaauacauauauuauucuaaucaauuauugucugauuaaaaacuaggugcggacacucggcaagc        exp
    ...((((.((....(((((.(((((((((.(((((((((.(((((((((......)))))))))......)))))))).)))))))))))))))))).))))..............  reads     mm        sample
    ..............guuuguuaaucggaaaauaguu.....................................................................................  1         0         c16
    ..........................................................auuauugucugauuaaaaacuag.....................................  1         0         c16
    ..........................................................Cuuauugucugauuaaaaacuag.....................................  1         1         c16
    ........................................................uuauugucCgauuaaaaa...........................................  1         1         c16
    ........................................................uuauugucugauuaaaaacu.........................................  1         0         c16
    ........................................................uuauugucugauuaaaaacua........................................  3         0         c16
    ........................................................uuauugucugauuaaaaacuag.......................................  7         0         c16
    ........................................................Guauugucugauuaaaaacuag.......................................  1         1         c16
    ........................................................uuauugucugauuaaaaacuagU.....................................  1         1         c16

    ..........................................................auuauugucugauuaaaaac........................................  1         0         c09
    ........................................................Guauugucugauuaaaaacu.........................................  1         1         c09
    ........................................................uuauugucugauuaaaaacu.........................................  1         0         c09
    ........................................................uuauugucugauuaaaaacuag.......................................  13        0         c09
    ........................................................uuauugucugauuaaaaacuagU.....................................  1         1         c09

    ..............guuuguuaaucggaaaau.....................................................................................  1         0         c02
    ..............guuuguuaaucggaaaauag...................................................................................  1         0         c02
    ..............guuuguuaaucggaaaauaguu.................................................................................  1         0         c02
    ..............guuuguuaaucggaaaauaguuU................................................................................  1         1         c02
    ..........................................................uuauugucugauuaaaaacu........................................  3         0         c02
    ..........................................................uuauugucugauuaaaaacua.......................................  1         0         c02
    ........................................................Guauugucugauuaaaaacua.......................................  1         1         c02
    ........................................................uuauugucugauuaaaaacuag......................................  7         0         c02
    ........................................................Guauugucugauuaaaaacuag......................................  1         1         c02
    ........................................................uuauugucugauuaaaaacuagU.....................................  1         1         c02

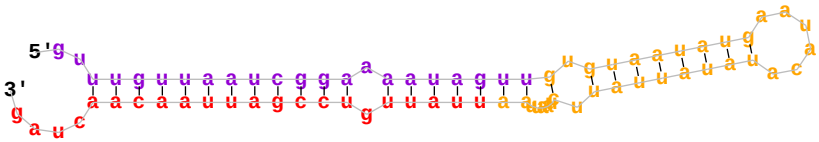
    ..............guuuguuaaucggaaaauagu...................................................................................  4         0         c15
    ..............guuuguuaaucggaaaauaguu.................................................................................  66        0         c15
    ..............guuuguuaaucggaaaauaguA.................................................................................  1         1         c15
    ..............gCuuguuaaucggaaaauaguu.................................................................................  1         1         c15
    ..............guuuguuaaucggaaaauaguuU................................................................................  9         1         c15
    ..............guuuguuaaucggaaaauaguug................................................................................  6         0         c15
```

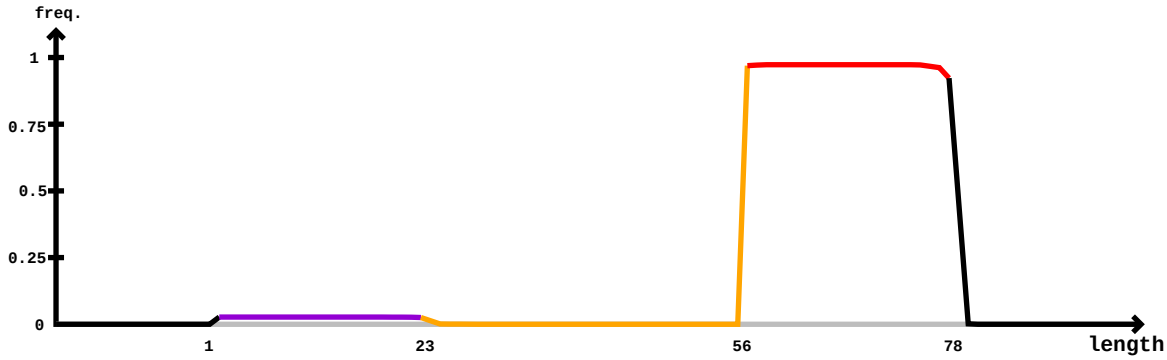
Star Mature

aagcgcaguucuucgguuuguuaaucggaaaauaguuguguaauaugaauacauauauuauucuaaucaauuauugucugauuaaaaacuaggugcggacacucggcaagc

.....guuuguuaaucggaaaauaguuA.....	2	1	c15
.....guuuguuaaucggaaaauaguuUu.....	2	1	c15
.....guuuguuaaucggaaaauaguugCgu.....	1	1	c15
.....guuuguuaaucggaaaauaguugugua.....	1	0	c15
.....auuauugucugauuaaaaac.....	1	0	c15
.....auuauugucugauuaaaaacu.....	3	0	c15
.....auuauugucugauuaaaaacua.....	9	0	c15
.....auuauugucugauuaaaGacua.....	1	1	c15
.....auuauugucugauuaaaaacuaC.....	3	1	c15
.....auuauugucugauuaaaaacuag.....	72	0	c15
.....auuauAgucugauuaaaaacuag.....	1	1	c15
.....auuauugucugauuaaaCacuag.....	1	1	c15
.....uuauugucugauuaaaaa.....	3	0	c15
.....uuauugucugauuaaaaac.....	7	0	c15
.....uuauugucugauuaaaaacu.....	5	0	c15
.....uuauugucugauuaaaaacua.....	65	0	c15
.....uuauugucugauuaaaaacCa.....	1	1	c15
.....uuauugucugauuaaaaacuGg.....	1	1	c15
.....uGauugucugauuaaaaacuag.....	1	1	c15
.....uuauugucugGuuaaaaacuag.....	1	1	c15
.....uuauugucugauuGaaaacuag.....	1	1	c15
.....uuauugucugauuaaaaacuaU.....	7	1	c15
.....uuauugucugauuaaaaacuag.....	1212	0	c15
.....uuauugucCgauuaaaaacuag.....	1	1	c15
.....uuauugucugauuaaCaacuag.....	2	1	c15
.....uuauugucugauuaaaaaUuag.....	1	1	c15
.....uuaAugucugauuaaaaacuag.....	1	1	c15
.....Auauugucugauuaaaaacuag.....	2	1	c15
.....uuauugucugauuaGaaacuag.....	1	1	c15
.....uuauugucugauuaaaaacuaA.....	11	1	c15
.....uuauugucugauuaaaaacuaC.....	14	1	c15
.....uuauugucugauuaaaaacuagC.....	1	1	c15
.....uuauugucugauuaaaaacuagU.....	13	1	c15
.....uuauugucugauuaaaaacuagA.....	13	1	c15
.....uauugucugauuaaaaacuag.....	3	0	c15
.....uauugucugauuaaaaacuagA.....	1	1	c15
.....uauugucugauuaaaaacuagU.....	3	1	c15

Provisional ID	:	group12_18791
Score total	:	1854.8
Score for star read(s)	:	3.9
Score for read counts	:	1846.2
Score for mfe	:	0.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	3633
Mature read count	:	3535
Loop read count	:	0
Star read count	:	98



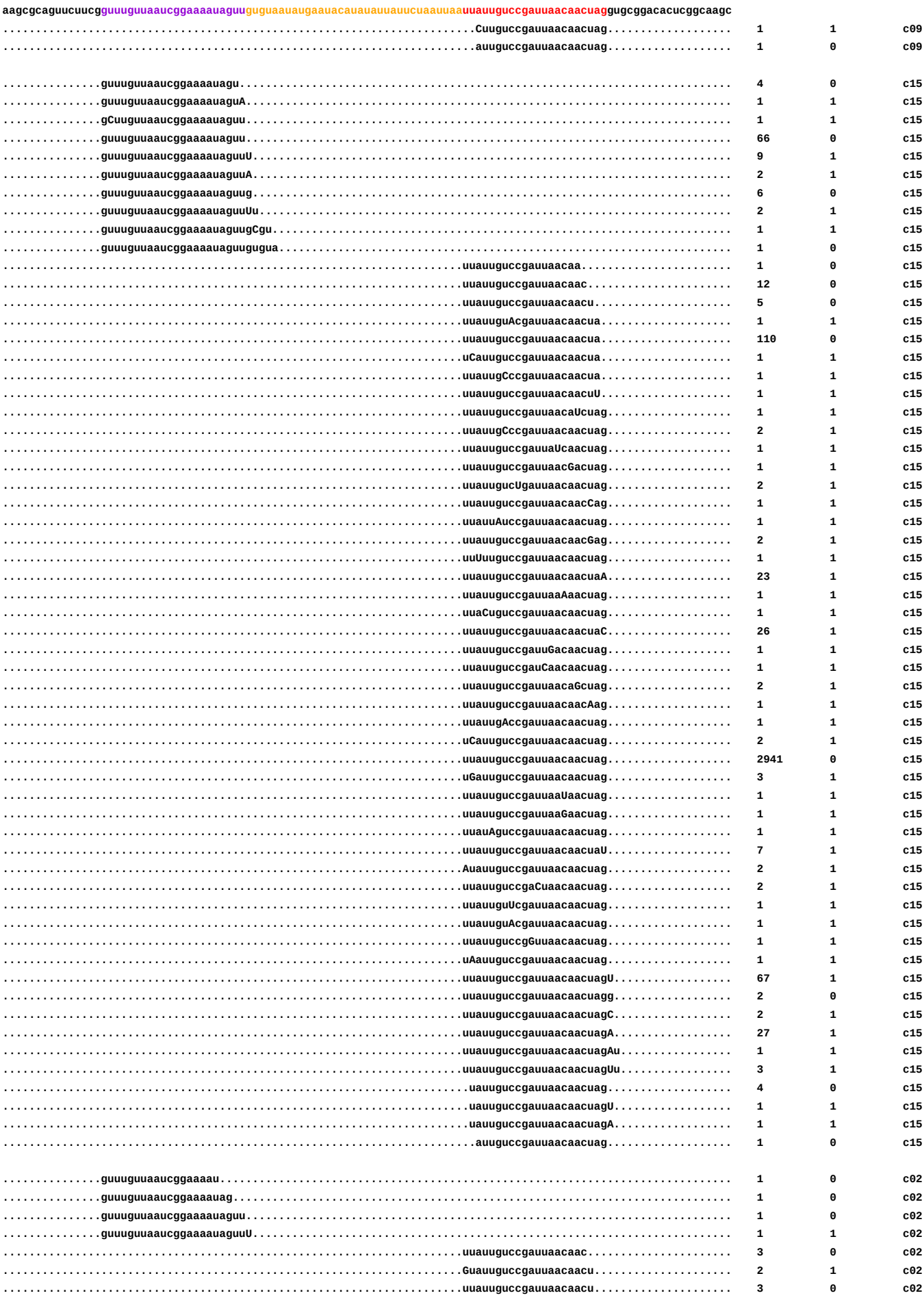


Star **Mature**

```
5'- aagcgcaguucuucgguuuguuaaucggaaaauaguuguguaauaugaauacauauauuauucuaauuaauuauuguccgauuaacaacuaggugcggacacucggcaagc  -3'   obs
    aagcgcaguucuucgguuuguuaaucggaaaauaguuguguaauaugaauacauauauuauucuaauuaauuauuguccgauuaacaacuaggugcggacacucggcaagc        exp
    ..((..((((((.((.(((((((((((((.(((((((((.(((((((((.....)))))))))....)))))))...)))))))))))))...).)).)))..))....  reads      mm          sample
    ..............guuuguuaaucggaaaauaguu.....................................................................  1          0           c16
    ..........................................................uuauuguccgauuaaAaa.....................  1          1           c16
    ..........................................................uuauuguccgauuaacaa.....................  1          0           c16
    ..........................................................Guauuguccgauuaacaac.....................  1          1           c16
    ..........................................................uuauuguccgauuaacaac.....................  1          0           c16
    ..........................................................Guauuguccgauuaacaacu.....................  1          1           c16
    ..........................................................uuauuguccgauuaacaacu.....................  5          0           c16
    ..........................................................uuauuguccgauuaacaacuU.....................  1          1           c16
    ..........................................................uuauuguccgauuaacaacua.....................  11         0           c16
    ..........................................................uuauuCuccgauuaacaacua.....................  1          1           c16
    ..........................................................uuauuguccgauuaacaacuag.....................  83         0           c16
    ..........................................................Cuauuguccgauuaacaacuag.....................  1          1           c16
    ..........................................................Guauuguccgauuaacaacuag.....................  9          1           c16
    ..........................................................uuauuguccgauuaacaacuagA.....................  4          1           c16
    ..........................................................uuauuguccgauuaacaacuagU.....................  3          1           c16

    ..........................................................uuauuguccgauuaacaac.....................  1          0           c04
    ..........................................................uuauuguccgauuaacaacuag.....................  5          0           c04
    ..........................................................uuauuguccgauuaacaacuagA.....................  1          1           c04
    ..........................................................auuguccgauuaacaacu.....................  1          0           c04

    ..........................................................uuauuguccgauuaacaacu.....................  2          0           c09
    ..........................................................uuauuguccgauuaacaacua.....................  3          0           c09
    ..........................................................uuauuguccgauuaacaacuaC.....................  1          1           c09
    ..........................................................uuauuguccgauuaacaacuaU.....................  1          1           c09
    ..........................................................Guauuguccgauuaacaacuag.....................  1          1           c09
    ..........................................................uuauuguccgauuaacaacuag.....................  36         0           c09
    ..........................................................uuauuguccgauuaacaacuUg.....................  1          1           c09
    ..........................................................uuauuguUcgauuaacaacuag.....................  1          1           c09
    ..........................................................uuauuguccgauuaacaacuagU.....................  1          1           c09
    ..........................................................uuauuguccgauuaacaacuagA.....................  2          1           c09
    ..........................................................uuauuguccgauuaacaacuagUu.....................  1          1           c09
    ..........................................................uauuguccgauuaacaacuagU.....................  2          1           c09
```

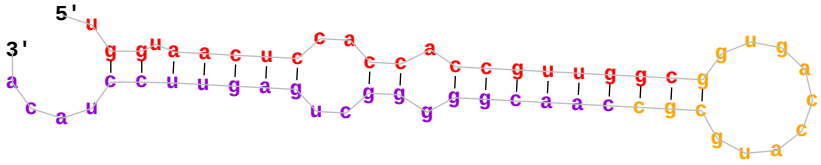

Star
Mature
aagcgcaguucuucgguuuguuaaucggaaaauaguuguguaauauugaauacauauauuauucuaauuaauuauuguccgauuaacaacuaggugcggacacucggcaagc
.....Cuuguccgauuaacaacuag..... 1 1 c09
.....auuguccgauuaacaacuag..... 1 0 c09
.....guuuguuaaucggaaaauagu..... 4 0 c15
.....guuuguuaaucggaaaauaguA..... 1 1 c15
.....gCuuguuaaucggaaaauaguu..... 1 1 c15
.....guuuguuaaucggaaaauaguu..... 66 0 c15
.....guuuguuaaucggaaaauaguuU..... 9 1 c15
.....guuuguuaaucggaaaauaguuA..... 2 1 c15
.....guuuguuaaucggaaaauaguug..... 6 0 c15
.....guuuguuaaucggaaaauaguuUu..... 2 1 c15
.....guuuguuaaucggaaaauaguugCgu..... 1 1 c15
.....guuuguuaaucggaaaauaguugugua..... 1 0 c15
.....uuauuguccgauuaacaa..... 1 0 c15
.....uuauuguccgauuaacaac..... 12 0 c15
.....uuauuguccgauuaacaacu..... 5 0 c15
.....uuauuguAcgauuaacaacua..... 1 1 c15
.....uuauuguccgauuaacaacua..... 110 0 c15
.....uCauuguccgauuaacaacua..... 1 1 c15
.....uuauugCccgauuaacaacua..... 1 1 c15
.....uuauuguccgauuaacaacuU..... 1 1 c15
.....uuauuguccgauuaacaUcuag..... 1 1 c15
.....uuauugCccgauuaacaacuag..... 2 1 c15
.....uuauuguccgauuaUcaacuag..... 1 1 c15
.....uuauuguccgauuaacGacuag..... 1 1 c15
.....uuauuguccgauuaacaacuag..... 2 1 c15
.....uuauuguccgauuaacaacCag..... 1 1 c15
.....uuauuAuccgauuaacaacuag..... 1 1 c15
.....uuauuguccgauuaacaacGag..... 2 1 c15
.....uuUuuguccgauuaacaacuag..... 1 1 c15
.....uuauuguccgauuaacaacuaA..... 23 1 c15
.....uuauuguccgauuaaAaacuag..... 1 1 c15
.....uuaCuguccgauuaacaacuag..... 1 1 c15
.....uuauuguccgauuaacaacuaC..... 26 1 c15
.....uuauuguccgauuGacaacuag..... 1 1 c15
.....uuauuguccgauCaacaacuag..... 1 1 c15
.....uuauuguccgauuaacaGcuag..... 2 1 c15
.....uuauuguccgauuaacaacAag..... 1 1 c15
.....uuauugAccgauuaacaacuag..... 1 1 c15
.....uCauuguccgauuaacaacuag..... 2 1 c15
.....uuauuguccgauuaacaacuag..... 2941 0 c15
.....uGauuguccgauuaacaacuag..... 3 1 c15
.....uuauuguccgauuaaUaacuag..... 1 1 c15
.....uuauuguccgauuaaGaacuag..... 1 1 c15
.....uuauAguccgauuaacaacuag..... 1 1 c15
.....uuauuguccgauuaacaacuaU..... 7 1 c15
.....Auauuguccgauuaacaacuag..... 2 1 c15
.....uuauuguccgaCuaacaacuag..... 2 1 c15
.....uuauuguUcgauuaacaacuag..... 1 1 c15
.....uuauuguAcgauuaacaacuag..... 1 1 c15
.....uuauuguccgGuuaacaacuag..... 1 1 c15
.....uAauuguccgauuaacaacuag..... 1 1 c15
.....uuauuguccgauuaacaacuagU..... 67 1 c15
.....uuauuguccgauuaacaacuagg..... 2 0 c15
.....uuauuguccgauuaacaacuagC..... 2 1 c15
.....uuauuguccgauuaacaacuagA..... 27 1 c15
.....uuauuguccgauuaacaacuagAu..... 1 1 c15
.....uuauuguccgauuaacaacuagUu..... 3 1 c15
.....uauuguccgauuaacaacuag..... 4 0 c15
.....uauuguccgauuaacaacuagU..... 1 1 c15
.....uauuguccgauuaacaacuagA..... 1 1 c15
.....auuguccgauuaacaacuag..... 1 0 c15
.....guuuguuaaucggaaaau..... 1 0 c02
.....guuuguuaaucggaaaauag..... 1 0 c02
.....guuuguuaaucggaaaauaguu..... 1 0 c02
.....guuuguuaaucggaaaauaguuU..... 1 1 c02
.....uuauuguccgauuaacaac..... 3 0 c02
.....Guauuguccgauuaacaacu..... 2 1 c02
.....uuauuguccgauuaacaacu..... 3 0 c02

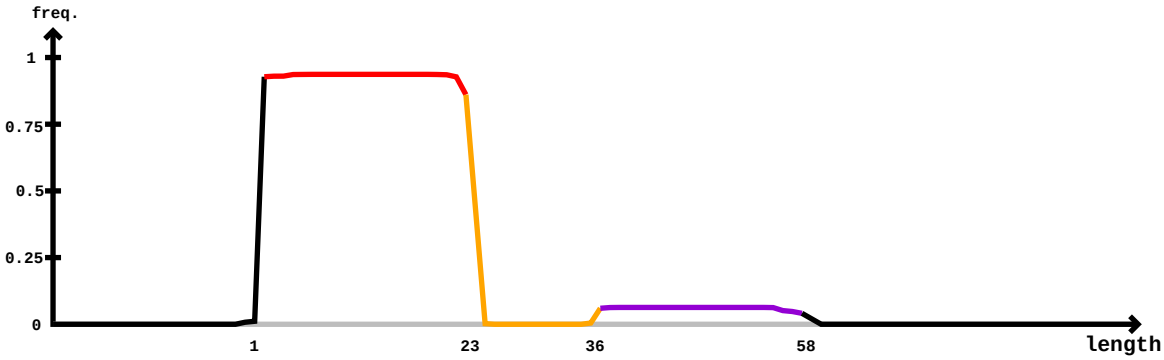
Star Mature

aagcgcaguucuucgguuuguuaaucggaaaauaguuguguaauaugaauacauauauuauucuaauuaauuauuguccgauuaacaacuaggugcggacacucggcaagc

.....uuauuguccgauuaacaacua.....	9	0	c02
.....Auauuguccgauuaacaacua.....	1	1	c02
.....Guauuguccgauuaacaacua.....	3	1	c02
.....uuauuguccgauuaacaacuag.....	41	0	c02
.....Guauuguccgauuaacaacuag.....	2	1	c02
.....uuauuguccgauuaacaacuagA.....	2	1	c02
.....uuauuguccgauuaacaacuagU.....	8	1	c02
.....uuauuguccgauuaacaacuagUu.....	1	1	c02
.....auuguccgauuaacaacuag.....	1	0	c02

Provisional ID	:	group12_18816
Score total	:	2870.8
Score for star read(s)	:	3.9
Score for read counts	:	2864.3
Score for mfe	:	1.8
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	5630
Mature read count	:	5275
Loop read count	:	0
Star read count	:	355





Mature **Star**

```
5'- ucuccggacguaccugggccugguaacuccaccaccguuggcggugaccaugcgccaacgggggcugaguuccuaccuaguugcgagguaccacacacagaagauaugc -3'   obs
    ucuccggacguaccugggccugguaacuccaccaccguuggcggugaccaugcgccaacgggggcugaguuccuaccuaguugcgagguaccacacacagaagauaugc      exp
    ...((...((((.(((((..(((.(((((..((.(((((((((.........)))))))))..))..)))))..)))..)))))..)))).))..................  reads   mm   sample
    ..................ccugguaacuccaccaccguug..................................................................  3       0    c02
    ..................ccugguaacuccaccaccguugg.................................................................  5       0    c02
    ..................ugguaacuccaccaccguuU....................................................................  1       1    c02
    ..................ugguaacuccaccaccguugg...................................................................  3       0    c02
    ..................ugguaacuccaccaccguuggc..................................................................  5       0    c02
    ..................gguaacuccaccaccguuggc...................................................................  2       0    c02
    ..........................................................ccaacgggggcugaguuccu.................................  7       0    c02
    ..........................................................ccaacgggggcugaguuccua................................  3       0    c02
    ..........................................................caacgggggcugaguucc...................................  1       0    c02
    ..........................................................caacgggggcugaguuccu..................................  36      0    c02
    ..........................................................caacgggggcugaguuccua.................................  6       0    c02
    ..........................................................caacgggggcugaguuccuU.................................  2       1    c02
    ..........................................................caacgggggcugaguuccuac................................  7       0    c02
    ..........................................................caacgggggcugaguuccuaU................................  1       1    c02
    ..........................................................caacggUggcugaguuccuaca...............................  1       1    c02
    ..........................................................caacgggggcugaguuccuacU...............................  1       1    c02
    ..........................................................caacgggggcugaguuccuaca...............................  20      0    c02
    ..........................................................caacgggggcugaCuuccuaca...............................  1       1    c02
    ..........................................................caacgggggcugaguuccuacaA..............................  2       1    c02
    ..........................................................caacgggggcugaguuccuacaU..............................  2       1    c02
    ..........................................................aacgggggcugaguuccuaca.................................  1       0    c02

    ..................ugguaacuccaccaccguu....................................................................  1       0    c15
    ..................ugguaacuccaccaccguug...................................................................  2       0    c15
    ..................ugguaacuccaccaccguugg..................................................................  3       0    c15
    ..................ugguaacuccaccaccguuggc.................................................................  86      0    c15
    ..................ugguaacuccaccacUguuggc.................................................................  1       1    c15
    ..................ugguaacuccaccaccguuAgc.................................................................  1       1    c15
    ..................ugguGacuccaccaccguuggc.................................................................  1       1    c15
    ..................ugguaacuccaccaccguuggcA................................................................  1       1    c15
    ..................ugguaacuccaccaccguuggcU................................................................  4       1    c15
    ..................gguaacuccaccaccguuggc...................................................................  1       0    c15
    ..................gguaacuccaccaccguuggcU..................................................................  1       1    c15
```

Mature Star

```
ucuccggacguaccugggccugguaacuccaccaccguuggcggugaccaugcgccaacgggggcugaguuccuacaccuaguugcgagguaccacacacagaagauaugc
.....................................................ccaacggAggcugaguuccuaca..... 1 1 c15
.....................................................caacgggggcugaguuccuac..... 3 0 c15
.....................................................caacgggggcugaguuccuaU..... 1 1 c15
.....................................................caacgggggcugaguuccuaca..... 26 0 c15
.....................................................caacgggggcugaguuccuacU..... 1 1 c15
.....................................................aacgggggcugaguuccuaca..... 2 0 c15
.....................................................aacggggguugaguuccuaca..... 1 1 c15
.....................................................acgggggcugaguuccuaca..... 1 0 c15

..................ccugguaacuccaccaccguugg..... 3 0 c04
..................cUugguaacuccaccaccguuggc..... 1 1 c04
..................cugguaacuccaccaccguugg..... 1 0 c04
..................cugguaacuccaccaccguuggcA..... 1 1 c04
...................Ggguaacuccaccaccguugg..... 1 1 c04
...................ugguaacuccacAaccguugg..... 1 1 c04
...................ugguaacuccaccaccguugg..... 14 0 c04
...................ugguaacuccCccaccguugg..... 1 1 c04
...................ugguaacuccaccaccguuggA..... 2 1 c04
...................ugguaacuccUccaccguuggc..... 2 1 c04
...................ugguaaUuccaccaccguuggc..... 1 1 c04
...................ugguaacuccaccaccguuggc..... 175 0 c04
...................ugguaacuccaccaccguCggc..... 1 1 c04
...................ugguaacuccCccaccguuggc..... 1 1 c04
...................ugguaacuUcaccaccguuggc..... 1 1 c04
...................Ggguaacuccaccaccguuggc..... 8 1 c04
...................ugguaacuccaccCccguuggc..... 2 1 c04
...................ugguaacuccaccaccguuggcA..... 13 1 c04
...................ugguaacuccaccaccguuggcU..... 32 1 c04
...................ugguaacuccaccaccguuggcg..... 8 0 c04
...................ugguaacuccaccaccguuggcUg..... 1 1 c04
...................ugguaacuccaccaccguuggcgU..... 1 1 c04
...................ugguaacuccaccaccguuggcAg..... 1 1 c04
.....................uaacuccaccaccguuggcA..... 1 1 c04
......................Ccuccaccaccguuggcg..... 1 1 c04
......................acuccaccaccguuggcU..... 1 1 c04
.....................................................caacgggggcugaguuccua..... 1 0 c04
.....................................................caacgggggcugaguuccuaca..... 4 0 c04

..................ccugguaacuccaccaccguu..... 1 0 c16
..................ccugguaacuccaccaccguug..... 8 0 c16
..................ccugguaacuccaccCccguugg..... 1 1 c16
..................ccugguaacuccaccaccguugg..... 9 0 c16
..................ccugguaacuccaccCccguuggc..... 1 1 c16
...................cugguaacuccaccaccguugg..... 1 0 c16
...................cugguaacuccaccaccguuggc..... 13 0 c16
...................cugguaacuccaccCccguuggc..... 1 1 c16
...................cugguaacuAcaccaccguuggc..... 1 1 c16
...................cugguaacuccaccaccguuggcU..... 2 1 c16
...................ugguaacuccaccaccgu..... 3 0 c16
...................ugguaacuccaccaccguu..... 3 0 c16
...................Ggguaacuccaccaccguug..... 1 1 c16
...................ugguaacuccaccaccguug..... 22 0 c16
...................ugguaacuccaccaAcguug..... 1 1 c16
...................uCguaacuccaccaccguugg..... 1 1 c16
...................ugguaacuccaccaccguugg..... 284 0 c16
...................ugguaacuccaccUccguugg..... 1 1 c16
...................ugguaCcuccaccaccguugg..... 1 1 c16
...................ugguaacuccCccaccguugg..... 2 1 c16
...................Ggguaacuccaccaccguugg..... 23 1 c16
...................ugguaacCccaccaccguugg..... 1 1 c16
...................ugguaacuccaccCccguugg..... 5 1 c16
...................ugguaacuUcaccaccguuggc..... 2 1 c16
...................ugguaacuccaccaccAuuggc..... 1 1 c16
...................uAguaacuccaccaccguuggc..... 3 1 c16
...................ugguaacuccCccaccguuggc..... 31 1 c16
...................ugguaacuGcaccaccguuggc..... 2 1 c16
...................Agguaacuccaccaccguuggc..... 12 1 c16
...................ugguaGcuccaccaccguuggc..... 1 1 c16
...................ugguaacucUaccaccguuggc..... 3 1 c16
...................ugguaacuccaccaccUuuggc..... 1 1 c16
```

Mature Star

ucuccggacguaccugggccugguaacuccaccaccguuggcggugaccaugcgccaacgggggcugaguuccuaccuaguugcgagguaccacacacagaagauaugc

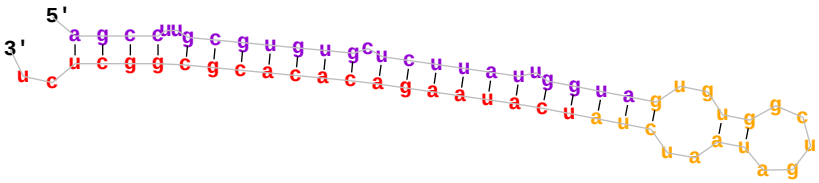
.....ugguaacuccGccaccguuggc.....	2	1	c16
.....ugguaacuccaccCccguuggc.....	41	1	c16
.....ugguaacuccaccaccCuuggc.....	2	1	c16
.....ugguaacuccacAaccguuggc.....	7	1	c16
.....Cgguaacuccaccaccguuggc.....	5	1	c16
.....ugguaacuccaccaccguuggc.....	3665	0	c16
.....ugCuaacuccaccaccguuggc.....	7	1	c16
.....ugguCacuccaccaccguuggc.....	1	1	c16
.....ugguaacuccaccaccgGuggc.....	4	1	c16
.....ugguaacuccaccacAguuggc.....	6	1	c16
.....ugguaacuccaccaccguuCgc.....	2	1	c16
.....ugguaacuccaccaccgAuggc.....	2	1	c16
.....ugguaaAuccaccaccguuggc.....	1	1	c16
.....ugguaacuccacUaccguuggc.....	1	1	c16
.....ugguaacuccaccaccguuggU.....	1	1	c16
.....Ggguaacuccaccaccguuggc.....	288	1	c16
.....ugguaCcuccaccaccguuggc.....	8	1	c16
.....ugguaacuccaccaccguAggc.....	2	1	c16
.....ugguaacuccaccUccguuggc.....	2	1	c16
.....ugguaacucAaccaccguuggc.....	2	1	c16
.....uCguaacuccaccaccguuggc.....	4	1	c16
.....ugguaacCccaccaccguuggc.....	2	1	c16
.....ugguaacuccaccaccguugUc.....	3	1	c16
.....ugguaacuAcaccaccguuggc.....	10	1	c16
.....ugguaacuccaccaccguCggc.....	1	1	c16
.....ugguaacuccaccaAcguuggc.....	2	1	c16
.....ugguaacuccaccaccguuggcU.....	119	1	c16
.....ugguaacuccaccaccguuggcA.....	30	1	c16
.....ugguaacuccaccCccguuggcg.....	2	1	c16
.....Agguaacuccaccaccguuggcg.....	1	1	c16
.....ugguaacuccCccaccguuggcg.....	2	1	c16
.....ugguaCcuccaccaccguuggcg.....	1	1	c16
.....ugCuaacuccaccaccguuggcg.....	1	1	c16
.....ugguaacuccaccaccguuggcC.....	3	1	c16
.....Ggguaacuccaccaccguuggcg.....	11	1	c16
.....ugguaacuccaccaccguuggGg.....	1	1	c16
.....ugguaacuccaccaccguuggcg.....	114	0	c16
.....ugguaacuccaccaccguuggcgA.....	2	1	c16
.....ugguaacuccaccaccguuggcgU.....	8	1	c16
.....gguaacuccaccaccguug.....	1	0	c16
.....gguaacuccaccaccguugg.....	1	0	c16
.....gguaacuccaccaccguuggc.....	2	0	c16
.....Aguaacuccaccaccguuggc.....	1	1	c16
.....gguaacuccaccaccguuggcg.....	2	0	c16
.....Cuaacuccaccaccguuggc.....	1	1	c16
.....uaacuccaccaccguuggc.....	26	0	c16
.....Gaacuccaccaccguuggc.....	3	1	c16
.....uaacuccaccaccAuuggc.....	1	1	c16
.....uaacuccCccaccguuggc.....	1	1	c16
.....uaacuccaccaccguuggcA.....	1	1	c16
.....uaacuccaccaccguuggcU.....	1	1	c16
.....aacuccaccaccguuggc.....	2	0	c16
.....ccaacgggggcugaguuccuac.....	3	0	c16
.....ccaacgggggcugaguuccuaca.....	6	0	c16
.....caacgggggcugaguucc.....	1	0	c16
.....cCacgggggcugaguuccu.....	1	1	c16
.....caacgggggcugaguuccu.....	17	0	c16
.....caacgggCgcugaguuccu.....	2	1	c16
.....caacgggggcugaguuccua.....	4	0	c16
.....caacgggggcugaguuccuU.....	1	1	c16
.....caacgggggcugaguuccuac.....	12	0	c16
.....caacgggggcugaguuccuaU.....	2	1	c16
.....caacgggggcugaguAccuaca.....	2	1	c16
.....caaAgggggcugaguuccuaca.....	1	1	c16
.....caGcgggggcugaguuccuaca.....	1	1	c16
.....caacgCgggcugaguuccuaca.....	1	1	c16
.....caacgggUgcugaguuccuaca.....	1	1	c16
.....cGacgggggcugaguuccuaca.....	1	1	c16
.....caacgggggcugCguuccuaca.....	1	1	c16
.....caacgggggcugaguuccuaca.....	116	0	c16

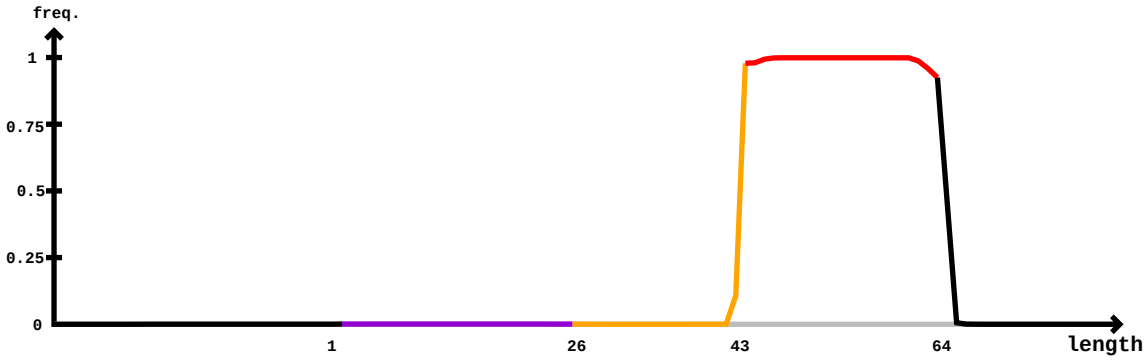
Mature Star

ucuccggacguaccugggccugguaacuccaccaccguuggcggugaccaugcgccaacgggggcugaguuccuaccuagguugcgagguaccacacacagaagauaugc

.....caacgggggcugaguuccuacU.....	1	1	c16
.....caacgggggcugaguuccuacaU.....	1	1	c16
.....caacgggggcugaguuccuacaA.....	2	1	c16
.....aacgggggcugaguuccuac.....	1	0	c16
.....aacgggggcugaguuccuaca.....	4	0	c16
.....Cacgggggcugaguuccuacac.....	1	1	c16
.....aacgggggcugaguuccuacaU.....	1	1	c16
.....ccugguaacuccaccaccguug.....	5	0	c09
.....ccugguaacuccaccaccguugg.....	6	0	c09
.....ugguaacuccaccaccguu.....	1	0	c09
.....ugguaacuccaccaccguugU.....	1	1	c09
.....ugguaacuccaccaccguugg.....	7	0	c09
.....ugguaacuccaccaccguuggc.....	5	0	c09
.....ugguaacuccaccaccguuggcU.....	2	1	c09
.....gguaacuccaccaccguuggc.....	1	0	c09
.....ccaacgggggcugaguuccuaU.....	1	1	c09
.....ccaacgggggcugaguuccuaca.....	4	0	c09
.....ccaacgggggcugaguuccuacaA.....	1	1	c09
.....caacgggggcugaguucc.....	1	0	c09
.....caacgggggcugaguuccua.....	3	0	c09
.....caacgggggcugaguuccuaU.....	1	1	c09
.....caacgggggcugaguuccuac.....	6	0	c09
.....caacgggggcugaguuccuaca.....	14	0	c09
.....caacgggggcugaguuccuacU.....	1	1	c09
.....caacgggggcugaguuccuacaA.....	1	1	c09
.....caacgggggcugaguuccuacaU.....	1	1	c09
.....aacgggggcugaguuccuaca.....	2	0	c09
.....aacgggggcugaguuccuacac.....	2	0	c09
.....acgggggcugaguuccuacac.....	1	0	c09

Provisional ID	:	group12_18867
Score total	:	19689.1
Score for star read(s)	:	3.9
Score for read counts	:	19678.4
Score for mfe	:	2.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	38610
Mature read count	:	38580
Loop read count	:	0
Star read count	:	30





Star **Mature**

```
5'- gaagucaucccggcgggaggcgagcgcgagccuugcgugugcucuuauugguaguguggcugauaaucuaucauaagacacacgcggcucucgcucucucccucgcaca  -3'   obs
    gaagucaucccggcgggaggcgagcgcgagccuugcgugugcucuuauugguaguguggcugauaaucuaucauaagacacacgcggcucucgcucucucccucgcaca        exp
    ..........(((.(((((((.(((((.(((((..(((((((.(((((((.(((((..((.....))..)))))))))))))))))))).)))))))))))))))).....  reads     mm        sample
    ............................agcUuugcgugugcucuua.....................................................................  1         1         c09
    ............................Cgccuugcgugugcucuuauu.....................................................................  1         1         c09
    ............................agccuugcgugugcucuuauuggua.................................................................  4         0         c09
    ............................agccuugcgugugcucuuauugguagugug............................................................  1         0         c09
    ..............................cuugcgugugcucuuauu.....................................................................  1         0         c09
    ..................................................................aaucuaucauaagacacacgcggcucu.....................  1         0         c09
    ...................................................................uaucauaagacacacgcggcucu.....................  1         0         c09
    ....................................................................aucauaagacacacgcgg.........................  1         0         c09
    ....................................................................aucauaagacacacgcggc........................  25        0         c09
    ....................................................................aucauaagCcacacgcggc........................  1         1         c09
    ....................................................................Uucauaagacacacgcggc........................  1         1         c09
    ....................................................................aucauaagacCcacgcggcu.......................  1         1         c09
    ....................................................................aucauaagacacacgcggAu.......................  1         1         c09
    ....................................................................aucauaagacacacCcggcu.......................  1         1         c09
    ....................................................................aucauaagCcacacgcggcu.......................  1         1         c09
    ....................................................................Cucauaagacacacgcggcu.......................  1         1         c09
    ....................................................................aucauaagacacacgcggcu.......................  28        0         c09
    ....................................................................Cucauaagacacacgcggcuc......................  1         1         c09
    ....................................................................aucauaagacacacgcggcuc......................  52        0         c09
    ....................................................................aucauaagacacacgcggcuU......................  1         1         c09
    ....................................................................aucauaagacacaUgcggcucu.....................  1         1         c09
    ....................................................................aucUuaagacacacgcggcucu.....................  1         1         c09
    ....................................................................aucauaagacaAacgcggcucu.....................  1         1         c09
    ....................................................................aucauaagacacaAgcggcucu.....................  1         1         c09
    ....................................................................aucauaagacacacgcggcucA.....................  4         1         c09
    ....................................................................aucauaagacacacUcggcucu.....................  1         1         c09
    ....................................................................aucaAaagacacacgcggcucu.....................  1         1         c09
    ....................................................................aucauaUgacacacgcggcucu.....................  1         1         c09
    ....................................................................Uucauaagacacacgcggcucu.....................  1         1         c09
    ....................................................................aucauaagacCcacgcggcucu.....................  5         1         c09
    ....................................................................aucauaagacacacgcUgcucu.....................  4         1         c09
    ....................................................................auAauaagacacacgcggcucu.....................  2         1         c09
    ....................................................................Cucauaagacacacgcggcucu.....................  39        1         c09
```

Star Mature

gaagucaucccggcgggaggcgagcgcgagccuugcgugugcucuuauuggguagugggcugauaaucuaucauaagacacacgcggcucucgcucucucccucgcaca

.....aucauaagacacacAcggcucu.....	2	1	c09
.....aucauaaUacacacgcggcucu.....	1	1	c09
.....aucauaagacacacgcggcuAu.....	1	1	c09
.....aucauaagacacCcgcggcucu.....	2	1	c09
.....aucauaagCcacacgcggcucu.....	1	1	c09
.....aucauaagacacacgcggcucu.....	789	0	c09
.....aucauaagacacacgcgCcucu.....	1	1	c09
.....aucauaagacacacCcggcucu.....	1	1	c09
.....aucauaagacacacgcggAucu.....	2	1	c09
.....aucauaagacacacgcggcucC.....	1	1	c09
.....aucauaagGcacacgcggcucu.....	1	1	c09
.....aucauaagacacacgcggcCcu.....	1	1	c09
.....aucauaagacacacgAggcucu.....	1	1	c09
.....aucauaagacacacgcggcucuU.....	32	1	c09
.....aucauaagacacacgcggcucuc.....	1	0	c09
.....aucauaagacacacgcggcucuG.....	4	1	c09
.....Cucauaagacacacgcggcucuc.....	1	1	c09
.....aucauaagacacacgcggcucuA.....	5	1	c09
.....ucauaaCacacacgcggc.....	1	1	c09
.....ucauaagCcacacgcggc.....	1	1	c09
.....ucauaaUacacacgcggc.....	1	1	c09
.....Ccauaagacacacgcggc.....	1	1	c09
.....ucauaagacCcacgcggc.....	1	1	c09
.....Gcauaagacacacgcggc.....	15	1	c09
.....ucauaagacacacCcggc.....	1	1	c09
.....ucauaagacacacgcggc.....	134	0	c09
.....ucauaagacacacgcUgc.....	1	1	c09
.....ucauaagacacacgcggUu.....	1	1	c09
.....Gcauaagacacacgcggcu.....	22	1	c09
.....ucauaagacacacgcggcu.....	308	0	c09
.....ucauaagacacacgcggcA.....	1	1	c09
.....ucauaagacacacgAggcu.....	1	1	c09
.....ucauaagacacaUgcggcu.....	1	1	c09
.....ucauaagacacCcgcggcu.....	1	1	c09
.....Acauaagacacacgcggcu.....	2	1	c09
.....ucauaagCcacacgcggcu.....	1	1	c09
.....ucauaagacacCcgcggcuc.....	1	1	c09
.....ucauaagaAacacgcggcuc.....	1	1	c09
.....ucauaagacacacgcggcuU.....	3	1	c09
.....Acauaagacacacgcggcuc.....	1	1	c09
.....ucauaagacacacgcgCcuc.....	1	1	c09
.....Gcauaagacacacgcggcuc.....	27	1	c09
.....ucauaagacacacgcggcuG.....	3	1	c09
.....ucauaagacGcacgcggcuc.....	1	1	c09
.....ucauaagacacacCcggcuc.....	1	1	c09
.....ucauaagacacacgcggcuc.....	287	0	c09
.....ucauaagacacacgcggUuc.....	1	1	c09
.....ucauaagacacacgAggcuc.....	1	1	c09
.....ucauaagacacacUcggcuc.....	1	1	c09
.....ucauaagacCcacgcggcuc.....	3	1	c09
.....ucauaagacacacgcggAuc.....	1	1	c09
.....ucauaGgacacacgcggcucu.....	1	1	c09
.....ucauaagacacUcgcggcucu.....	1	1	c09
.....ucauaagacacacgcggcuAu.....	3	1	c09
.....ucauaagacacacgcggAucu.....	7	1	c09
.....ucauaagaUacacgcggcucu.....	1	1	c09
.....ucauaagacacacgcUgcucu.....	12	1	c09
.....ucauaagacacaGgcggcucu.....	1	1	c09
.....ucUuaagacacacgcggcucu.....	2	1	c09
.....ucauaagacacacgcggcucu.....	4939	0	c09
.....ucauaagacGcacgcggcucu.....	1	1	c09
.....ucauaagacacaAgcggcucu.....	5	1	c09
.....uAauaagacacacgcggcucu.....	4	1	c09
.....ucauaagacacacAcggcucu.....	4	1	c09
.....ucauaaUacacacgcggcucu.....	1	1	c09
.....ucauaagacacacCcggcucu.....	1	1	c09
.....ucaCaagacacacgcggcucu.....	1	1	c09
.....ucauaaCacacacgcggcucu.....	1	1	c09
.....uUauaagacacacgcggcucu.....	2	1	c09
.....Acauaagacacacgcggcucu.....	19	1	c09

Star Mature

gaagucaucccggcgggaggcgagcgcgagccuugcgugugcucuuauugguaguguggcugauaaucuaucauaagacacacgcggcucucgcucucucccucgcaca

.....ucauGagacacacgcggcucu.....	3	1	c09
.....ucauaagacacacgcCgcucu.....	5	1	c09
.....ucauaagCcacacgcggcucu.....	10	1	c09
.....ucauaagacCcacgcggcucu.....	15	1	c09
.....ucauaagacacacgcgAcucu.....	1	1	c09
.....ucauaagacacacgcggcucC.....	7	1	c09
.....ucauaagacacCcgcggcucu.....	26	1	c09
.....ucauaagacacacgcAgcucu.....	2	1	c09
.....ucauaagacacacgcgUcucu.....	4	1	c09
.....ucauaagacaAacgcggcucu.....	3	1	c09
.....ucaGaagacacacgcggcucu.....	2	1	c09
.....Ccauaagacacacgcggcucu.....	3	1	c09
.....ucauaagacacacUcggcucu.....	2	1	c09
.....ucCuaagacacacgcggcucu.....	1	1	c09
.....ucauaagacacacgcggUucu.....	3	1	c09
.....Gcauaagacacacgcggcucu.....	396	1	c09
.....ucauUagacacacgcggcucu.....	1	1	c09
.....ucauaagacacacgcggcuUu.....	1	1	c09
.....ucauaagUcacacgcggcucu.....	2	1	c09
.....ucauaagacacaUgcggcucu.....	1	1	c09
.....ucauaagaAacacgcggcucu.....	2	1	c09
.....ucauaagacacacgcCcucu.....	8	1	c09
.....ucauaagacaGacgcggcucu.....	1	1	c09
.....ucaAaagacacacgcggcucu.....	1	1	c09
.....ucauaagacacacgGggcucu.....	1	1	c09
.....ucauaagacacacgcggcucG.....	4	1	c09
.....ucauaagacUcacgcggcucu.....	1	1	c09
.....ucauaagacacacgcggcucA.....	40	1	c09
.....ucauaagacacGcgcggcucu.....	3	1	c09
.....ucauaagacacacgUggcucu.....	3	1	c09
.....ucauaagacacacgcggcuGu.....	1	1	c09
.....ucauaagacacacgAggcucu.....	13	1	c09
.....ucauaagacaUacgcggcucu.....	3	1	c09
.....ucauaagacacacgcggcCcu.....	2	1	c09
.....ucauaagacacacgcggcucuc.....	20	0	c09
.....ucauaagacacacgcggcucuU.....	471	1	c09
.....ucauaagacacacgcggcucAc.....	1	1	c09
.....ucauaagacacacgcggcucCc.....	1	1	c09
.....ucauaagacacacgcggcucuA.....	89	1	c09
.....ucauaagacacacgcggcucuG.....	21	1	c09
.....ucauaagacacacgcggcucucg.....	3	0	c09
.....ucauaagacacacgcggcucuGg.....	2	1	c09
.....ucauaagacacacgcggcucucU.....	20	1	c09
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.....ucauaagacacacgcggcCcuc.....	1	1	c15
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.....ucauaagacacacgcggcucucA.....	5	1	c15
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.....cauaagacacacgcggcucu.....	13	0	c15
.....cauaagacacacgcggcucuU.....	4	1	c15
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.....Cucauaagacacacgcggcuc.....	3	1	c02
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.....auAauaagacacacgcggcucu.....	1	1	c02
.....Cucauaagacacacgcggcucu.....	33	1	c02
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.....aucauaagCcacacgcggcucu.....	1	1	c02
.....aucauaagacacacgcggcAcu.....	1	1	c02
.....aucauaagacacCcgcggcucu.....	2	1	c02
.....aucauaagacacacUcggcucu.....	1	1	c02
.....aucauaagacacacgcggcucC.....	1	1	c02
.....aucauaagacacacgcCgcucu.....	1	1	c02

Star Mature

gaagucaucccggcgggaggcgagcgcgagccuugcgugugcucuuauuggguagugggcugauaaucuaucauaagacacacgcggcucucgcucucucccucgcaca

.....aucauaagacCcacgcggcucu.....	1	1	c02
.....aucauaagacacacgcggcucA.....	1	1	c02
.....aucauaagacacacgcggcucuA.....	3	1	c02
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.....aucauaagacacacgcggcucuc.....	1	0	c02
.....ucauaagacacacgcggc.....	57	0	c02
.....Acauaagacacacgcggc.....	1	1	c02
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.....ucauaagacacCcgcggcu.....	2	1	c02
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.....ucauaaUacacacgcggcu.....	1	1	c02
.....ucauaagCcacacgcggcu.....	3	1	c02
.....Gcauaagacacacgcggcu.....	17	1	c02
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.....ucauaagCcacacgcggcuc.....	1	1	c02
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.....ucauaagacacacgcggcucG.....	3	1	c02
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.....ucauaagacacacgcggUucu.....	4	1	c02
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.....ucauaagacaUacgcggcucu.....	6	1	c02
.....ucauaagacacacgcgAcucu.....	2	1	c02
.....ucauaagacacacgcCgcucu.....	7	1	c02
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.....uAauaagacacacgcggcucu.....	6	1	c02
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.....ucauaagacacacgcAgcucu.....	1	1	c02
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.....ucauaagacacacCcggcucu.....	11	1	c02
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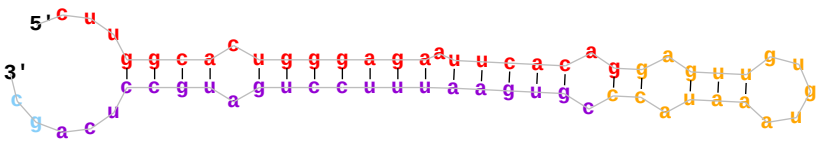
.....ucUuaagacacacgcggcucu.....	1	1	c02
.....ucauaagaGacacgcggcucu.....	1	1	c02
.....uUauaagacacacgcggcucu.....	11	1	c02
.....ucauaagacacaUgcggcucu.....	7	1	c02
.....ucauaagacGcacgcggcucu.....	3	1	c02
.....ucauaagacacacgAggcucu.....	17	1	c02

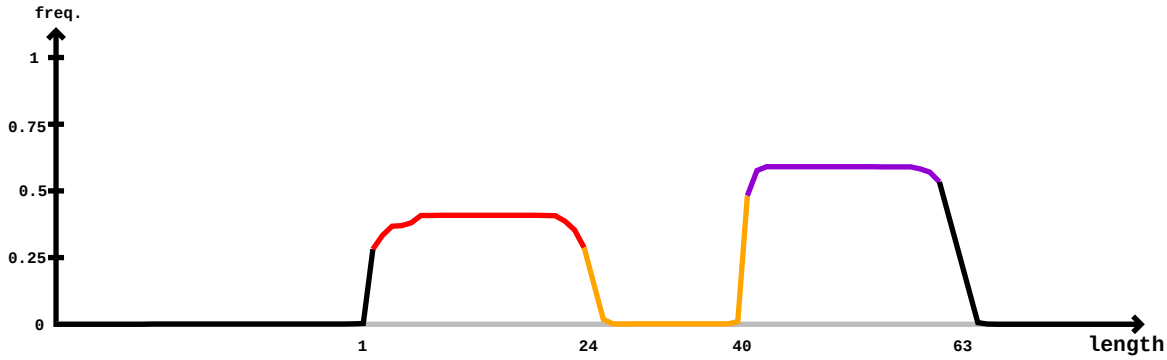
Star Mature

gaagucaucccggcgggaggcgagcgcgagccuugcgugugcucuuauuggguaguguggcugauaaucuaucauaagacacacgcggcucucgcucucucccucgcaca

.....ucauaagacacacgcggcucC.....	10	1	c02
.....ucauaagacUcacgcggcucu.....	3	1	c02
.....ucauaagacacacgcggcuGu.....	3	1	c02
.....ucauaCgacacacgcggcucu.....	1	1	c02
.....ucaAaagacacacgcggcucu.....	3	1	c02
.....ucauCagacacacgcggcucu.....	1	1	c02
.....ucauaagacacaAgcggcucu.....	8	1	c02
.....ucaCaagacacacgcggcucu.....	2	1	c02
.....ucauaagaUacacgcggcucu.....	4	1	c02
.....Gcauaagacacacgcggcucuc.....	1	1	c02
.....ucauaagacacacgcggcucuc.....	38	0	c02
.....ucauaagacacacgcggcucuA.....	160	1	c02
.....ucauaagCcacacgcggcucuc.....	1	1	c02
.....ucauaagacacacgcggcucuU.....	283	1	c02
.....ucauaagacacacgcggcucuG.....	11	1	c02
.....ucauaagacacacgcggcucucg.....	1	0	c02
.....ucauaagacacacgcggcucuUg.....	5	1	c02
.....ucauaagacacacgcggcucucC.....	1	1	c02
.....ucauaagacacacgcggcucucA.....	3	1	c02
.....ucauaagacacacgcggcucucU.....	14	1	c02
.....ucauaagacacacgcggcucuGgc.....	1	1	c02
.....cauaagacacacgcggcuc.....	2	0	c02
.....cauaagacacCcgcggcucu.....	1	1	c02
.....cauaagacacacgcgCcucu.....	1	1	c02
.....cauaagacacacgcggcucu.....	6	0	c02
.....caCaagacacacgcggcucu.....	1	1	c02
.....cauaagacacacgcggcucuc.....	2	0	c02
.....cauaagacacacgcggcucucU.....	1	1	c02
.....auGagacacacgcggcuc.....	1	1	c02
.....auaagacacacgcggcuc.....	5	0	c02
.....auaagacacacgcggcucC.....	1	1	c02
.....auaagacacacgcggcucu.....	138	0	c02
.....auGagacacacgcggcucu.....	1	1	c02
.....auaagacacCcgcggcucu.....	4	1	c02
.....auaagacacaUgcggcucu.....	1	1	c02
.....Cuaagacacacgcggcucu.....	11	1	c02
.....auaagacacacgcggcucuU.....	5	1	c02
.....auaagacacacgcggcucuA.....	2	1	c02
.....auaagacacacgcggcucuG.....	1	1	c02
.....auaagacacacgcggcucuUg.....	1	1	c02
.....uaagacacacgcggcucu.....	39	0	c02
.....Gaagacacacgcggcucu.....	6	1	c02
.....uaagCcacacgcggcucu.....	2	1	c02
.....uaagacacacUcggcucu.....	1	1	c02
.....uaagacacacgcggcucuA.....	1	1	c02
.....Gaagacacacgcggcucuc.....	1	1	c02
.....uaagacacacgcggcucuc.....	1	0	c02
.....uaagacacacgcggcucuU.....	6	1	c02
.....aagacacacgcggcucuc.....	1	0	c02
.....aagacacacgcggcucuA.....	1	1	c02
.....aagacacacgcggcucuU.....	1	1	c02

Provisional ID	:	group12_19443
Score total	:	674.2
Score for star read(s)	:	3.9
Score for read counts	:	663.9
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1314
Mature read count	:	538
Loop read count	:	0
Star read count	:	776





Mature **Star**

```
5'- agaagaagauagaagauagaccgcacugagccuuggcacugggagaauucacaggaguuuguguaaauacccgugaauuuccugaugccucagcuuauuguggccuguuuca  -3'   obs
    agaagaagauagaagauagaccgcacugagccuuggcacugggagaauucacaggaguuuguguaaauacccgugaauuuccugaugccucagcuuauuguggccuguuuca        exp
    .............((((((.(((((.(((((...((((.(((((((.(((((.((.(((.....))).)).)))))))))))).))))...)))))).)))))).)))))..  reads     mm        sample
    ........auagaagauagaccAcacugagc.....................................................................................  1         1         c02
    ............................cuuggcacugggagaauuc.....................................................................................  1         0         c02
    ............................cuuCgcacugggagaauuca....................................................................................  1         1         c02
    ............................cuuggcUcugggagaauuca....................................................................................  1         1         c02
    ............................cuuggcacugggagaauAca....................................................................................  1         1         c02
    ............................cuuggcacugggagaauuca....................................................................................  5         0         c02
    ............................cuuUgcacugggagaauucac...................................................................................  1         1         c02
    ............................cuuggcacugggagaauucac...................................................................................  1         0         c02
    ............................cuugCcacugggagaauucaca..................................................................................  1         1         c02
    ............................Uuuggcacugggagaauucaca..................................................................................  2         1         c02
    ............................cuuggGacugggagaauucaca..................................................................................  1         1         c02
    ............................cuuCgcacugggagaauucaca..................................................................................  1         1         c02
    ............................cuuggcacugggagaauucaca..................................................................................  6         0         c02
    ............................cuuggcacugggagaauucacag.................................................................................  25        0         c02
    ............................cuCggcacugggagaauucacag.................................................................................  1         1         c02
    ............................cuuggcacugggagaauucCcag.................................................................................  1         1         c02
    ............................cuugUcacugggagaauucacag.................................................................................  1         1         c02
    ............................cCuggcacugggagaauucacag.................................................................................  1         1         c02
    ............................cuuggcacugggagaauucacagg................................................................................  1         0         c02
    ............................cuuggcaUugggagaauucacagg................................................................................  1         1         c02
    ............................uuggcacuggAagaauuca.....................................................................................  1         1         c02
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    ............................uuggcacugggagaauucacag..................................................................................  2         0         c02
    ............................uuggcacugggagaauucacagg.................................................................................  1         0         c02
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    ............................uggcacugggagaauucacag...................................................................................  3         0         c02
    ............................uggcacugggagaauucacagg..................................................................................  3         0         c02
    ............................uggcacugggagaauucacagga.................................................................................  5         0         c02
    ............................uggcacugggagaauucacaggU.................................................................................  1         1         c02
    ..............................gcacugggagaauucacag...................................................................................  3         0         c02
    ..............................cacugggagaauucacag.....................................................................................  14        0         c02
    ..................................................................ccgugaauuuccugaugccuca.....................................  1         0         c02
```

Mature Star

agaagaagauagaagauagaccgcacugagccuuggcacugggagaauucacaggaguuguguaaaauaccgcugaauuuccugaugccucagcuuauuguggccuguuuca

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.....cgugaauuuccugaugccu.....	3	0	c02
.....cgugaauuuccugaugccuc.....	20	0	c02
.....cgugaauuuccugaugcAuc.....	1	1	c02
.....cgugaauuuccugaugccuca.....	96	0	c02
.....cgugaauuuccugaugccCca.....	1	1	c02
.....cgugaauuuccugaGgccuca.....	1	1	c02
.....cgugaauuuccugaugccucaU.....	9	1	c02
.....cgugaauuuccugaugccucag.....	47	0	c02
.....cgugaauuuccugaugcAucag.....	1	1	c02
.....cgugaauuuccugaugccucagU.....	1	1	c02
.....cgugaauuuccugaugccucagc.....	6	0	c02
.....cgugaauuuccugaugccucagUu.....	2	1	c02
.....cgugaauuuccugaugccucagcu.....	3	0	c02
.....cgugaauuuccugaugccucagUuu.....	1	1	c02
.....gugaauuuccugaugccuc.....	1	0	c02
.....Cugaauuuccugaugccuca.....	1	1	c02
.....gugaauuuccugaugccucagc.....	9	0	c02
.....ugaauuuccugaugccucagc.....	1	0	c02
.....ugaauuuccugaugccucagcu.....	3	0	c02
.....Ggaauuuccugaugccucagcu.....	1	1	c02
.....cuuggcacugggagaauucac.....	1	0	c15
.....cuuggcacugggagaauucaca.....	3	0	c15
.....cuuggcacugggagaauucacaU.....	1	1	c15
.....cuuggcacugggagaauucacag.....	6	0	c15
.....uuggcacugggagaauucaca.....	2	0	c15
.....uuggcacugggagaauucacag.....	9	0	c15
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.....uuggcacugggagaauucCca.....	1	1	c09

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.....cuuggcaUugggagaauucacag.....	1	1	c16
.....cuuggcacugggagaauucacGg.....	1	1	c16

Mature Star

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.....cuuUgcacugggagaauucacag.....	5	1	c16
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.....Aggcacugggagaauucacagga.....	1	1	c16
.....uggcacugggagaauucacagga.....	9	0	c16
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.....cgugaauuuccugaugccu.....	9	0	c16
.....cgugaauuuccCgaugccuc.....	1	1	c16
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.....cgugaauuuccugaugccucagc.....	13	0	c16
.....cgugaauuuccugaugccucagU.....	7	1	c16
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.....cgugaauuuccugaugccucagAu.....	1	1	c16
.....cgugaauuuccugaugccucagcC.....	1	1	c16
.....cgugaauuuccugaugccucagcAu.....	1	1	c16
.....cgugaauuuccugaugccucagcuu.....	1	0	c16
.....gugaauuuccugaugccu.....	1	0	c16
.....gugaauuuccugaugccuca.....	2	0	c16
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.....Uugaauuuccugaugccucagc.....	1	1	c16
.....gugaauuuccugaugccucagc.....	57	0	c16
.....gugaauuuccugaugccucagcA.....	1	1	c16
.....ugaauuuccugaugccucagcu.....	1	0	c16

Provisional ID	:	group12_19785
Score total	:	1.6
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	-1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	91529
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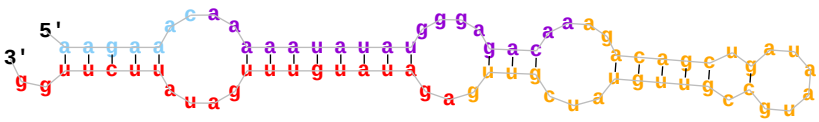
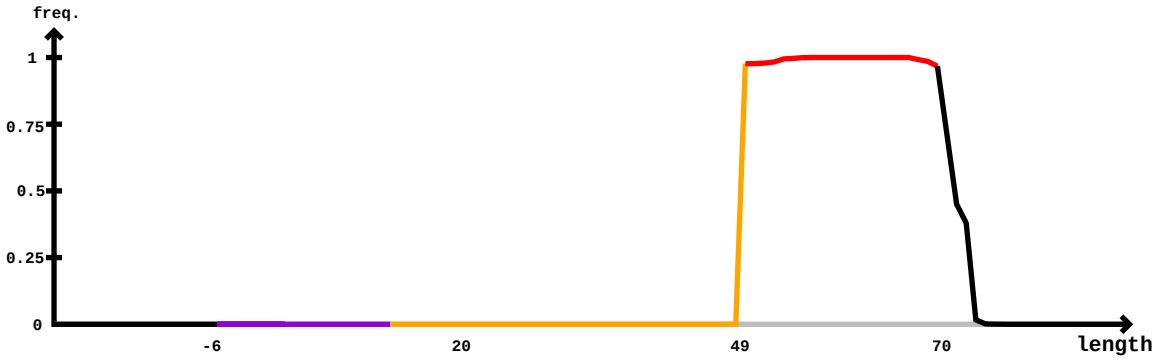
Loop read count	:	1
Star read count	:	1





Star **Mature**

```
5'- uaagaagaccaaaucaagaaacaaaaauauagggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc  -3'   obs
    uaagaagaccaaaucaagaaacaaaaauauagggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc        exp
    ..((((((...(((((((((....(((((((((....(((....(((((.(......).)))))...)))...)))))))))....)))))))))...))))))........  reads   mm   sample
    ..............................................................cguuCagauauguuugauauucuugguug..............  1       1    c02
    ..................................................................Ggagauauguuugauauucuug.....................  2       1    c02
    ..................................................................uCagauauguuugauauucuugguug.................  2       1    c02
    ...................................................................Cagauauguuugauauucuugguug.................  2       1    c02
    .....................................................................agauauCuuugauauucu.....................  1       1    c02
    .....................................................................agauaugAuugauauucu.....................  1       1    c02
    .....................................................................agauauguuugauauucG.....................  1       1    c02
    .....................................................................agaAauguuugauauucu.....................  1       1    c02
    .....................................................................agauauguuugauauucu.....................  210     0    c02
    .....................................................................Cgauauguuugauauucu.....................  6       1    c02
    .....................................................................agauauguuugauauucuG....................  1       1    c02
    .....................................................................agauaAguuugauauucuu....................  1       1    c02
    .....................................................................Cgauauguuugauauucuu....................  1       1    c02
    .....................................................................agauauguuugauauAcuu....................  1       1    c02
    .....................................................................agauauguuugauauucAu....................  1       1    c02
    .....................................................................agauauguuugauauCcuu....................  1       1    c02
    .....................................................................agauauguuugauauucuA....................  1       1    c02
    .....................................................................agauauguuugauauucuu....................  173     0    c02
    .....................................................................agauauguuugauauucAug...................  1       1    c02
    .....................................................................agauauguAugauauucuug...................  1       1    c02
    .....................................................................agauauguuugauauuAuug...................  1       1    c02
    .....................................................................agauUuguuugauauucuug...................  1       1    c02
    .....................................................................agauauguuugauauucuug...................  428     0    c02
    .....................................................................agauauguuuUauauucuug...................  1       1    c02
    .....................................................................agaAauguuugauauucuug...................  1       1    c02
    .....................................................................agauauguuuCauauucuug...................  1       1    c02
    .....................................................................Ggauauguuugauauucuug...................  1       1    c02
    .....................................................................aUauauguuugauauucuug...................  1       1    c02
    .....................................................................agauaAguuugauauucuug...................  1       1    c02
    .....................................................................Cgauauguuugauauucuug...................  8       1    c02
    .....................................................................agauaugGuugauauucuugg..................  2       1    c02
    .....................................................................agauauguuugauauucuugA..................  3       1    c02
    .....................................................................agauauguuugauauucuuUg..................  1       1    c02
```

Star Mature

uaagaagaccaaaucaagaaacaaaaauauauggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc

.....aCauauguuugauauucuugg.....	3	1	c02
.....agauauguuuCauauucuugg.....	3	1	c02
.....agauauguuugGuauucuugg.....	1	1	c02
.....agauauguuugauauuAuugg.....	6	1	c02
.....agauauguuugauauucuugg.....	2795	0	c02
.....agauauguuugauauuUuugg.....	1	1	c02
.....agauGuguuugauauucuugg.....	1	1	c02
.....agauauUuuugauauucuugg.....	1	1	c02
.....agauauguuugauauAcuugg.....	2	1	c02
.....agauauCuuugauauucuugg.....	7	1	c02
.....agauaugAuugauauucuugg.....	2	1	c02
.....agauauguuugauauucuuCg.....	4	1	c02
.....agGuauguuugauauucuugg.....	1	1	c02
.....agauauguuugaGauucuugg.....	2	1	c02
.....agauauguCugauauucuugg.....	1	1	c02
.....Cgauauguuugauauucuugg.....	57	1	c02
.....agauauguuugauaAucuugg.....	2	1	c02
.....agauauguuAgauauucuugg.....	2	1	c02
.....agauauguuugauauucAugg.....	2	1	c02
.....agauauguuugauauucGugg.....	1	1	c02
.....agauauguuugauauucuuAg.....	4	1	c02
.....agauauguuugauauucuCgg.....	1	1	c02
.....agaAauguuugauauucuugg.....	1	1	c02
.....agauaAguuugauauucuugg.....	3	1	c02
.....Ggauauguuugauauucuugg.....	1	1	c02
.....agauauguuugauauucuugC.....	2	1	c02
.....Ugauauguuugauauucuugg.....	1	1	c02
.....agauauguuugauauucuugU.....	5	1	c02
.....agauauguuugauauucuuCgu.....	3	1	c02
.....agauauguuugauauucuAggu.....	2	1	c02
.....agauauguuugauauucuuggC.....	8	1	c02
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Star Mature

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Star Mature

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.....agauauUuuugauauucuugguugu.....	1	1	c02
.....agauauCuuugauauucuugguugu.....	1	1	c02
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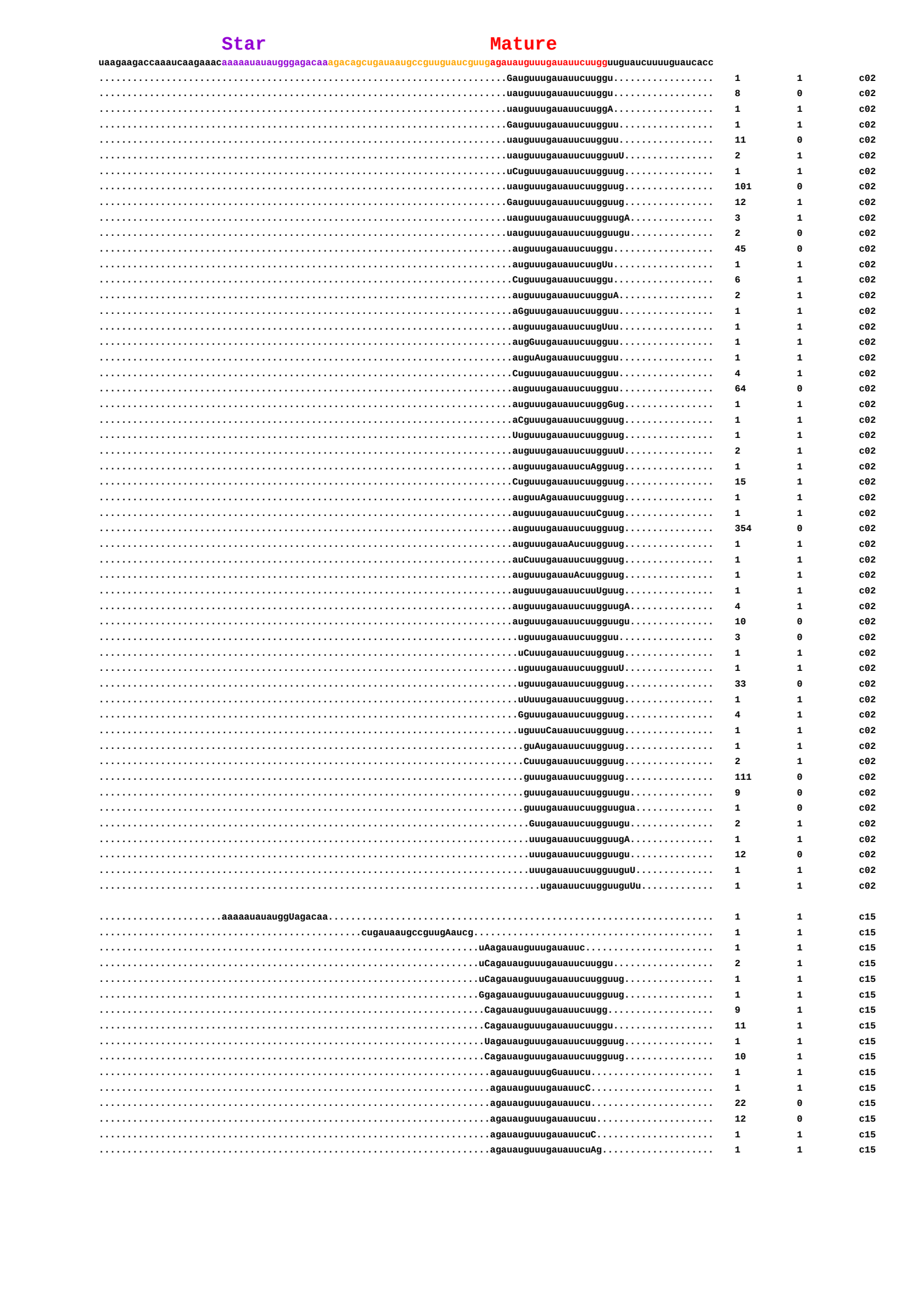
Star
Mature
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.....uauguuugauauucuuggu..... 8 0 c02
.....uauguuugauauucuuggA..... 1 1 c02
.....Gauguuugauauucuugguu..... 1 1 c02
.....uauguuugauauucuugguu..... 11 0 c02
.....uauguuugauauucuugguuU..... 2 1 c02
.....uCuguuugauauucuugguug..... 1 1 c02
.....uauguuugauauucuugguug..... 101 0 c02
.....Gauguuugauauucuugguug..... 12 1 c02
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.....auguuugauauucuuggu..... 45 0 c02
.....auguuugauauucuugUu..... 1 1 c02
.....Cuguuugauauucuuggu..... 6 1 c02
.....auguuugauauucuugguA..... 2 1 c02
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.....Cuguuugauauucuugguu..... 4 1 c02
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.....auguuAgauauucuugguug..... 1 1 c02
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.....auguuugauaAucuugguug..... 1 1 c02
.....auCuuugauauucuugguug..... 1 1 c02
.....auguuugauauAcuugguug..... 1 1 c02
.....auguuugauauucuuUguug..... 1 1 c02
.....auguuugauauucuugguugA..... 4 1 c02
.....auguuugauauucuugguugu..... 10 0 c02
.....uguuugauauucuuggu..... 3 0 c02
.....uCuuugauauucuugguug..... 1 1 c02
.....uguuugauauucuugguuU..... 1 1 c02
.....uguuugauauucuugguug..... 33 0 c02
.....uUuuugauauucuugguug..... 1 1 c02
.....Gguuugauauucuugguug..... 4 1 c02
.....uguuuCauauucuugguug..... 1 1 c02
.....guAugauauucuugguug..... 1 1 c02
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.....guuugauauucuugguugua..... 1 0 c02
.....Guugauauucuugguugu..... 2 1 c02
.....uuugauauucuugguugA..... 1 1 c02
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.....uuugauauucuugguuguU..... 1 1 c02
.....ugauauucuugguuguUu..... 1 1 c02
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.....cugauaaugccguugAaucg..... 1 1 c15
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.....uCagauauguuugauauucuuggu..... 2 1 c15
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.....Ggagauauguuugauauucuugguug..... 1 1 c15
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.....Cagauauguuugauauucuuggu..... 11 1 c15
.....Uagauauguuugauauucuugguug..... 1 1 c15
.....Cagauauguuugauauucuugguug..... 10 1 c15
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.....agauauguuugauauucC..... 1 1 c15
.....agauauguuugauauucu..... 22 0 c15
.....agauauguuugauauucuu..... 12 0 c15
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Star Mature

uaagaagaccaaaucaagaaacaaaaauauauggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc

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.....agauauguuugauauuUuug.....	1	1	c15
.....agauauguuugauauucuuC.....	1	1	c15
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.....agauaugCuugauauucuug.....	1	1	c15
.....agauauguuugauauucuuU.....	8	1	c15
.....agauauguuugauauucuuA.....	4	1	c15
.....agauUuguuugauauucuugg.....	5	1	c15
.....agauaugAuugauauucuugg.....	10	1	c15
.....agauaugGuugauauucuugg.....	6	1	c15
.....agaCauguuugauauucuugg.....	3	1	c15
.....agUuauguuugauauucuugg.....	6	1	c15
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.....agauauguuugauauCcuugg.....	2	1	c15
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.....agauaAguuugauauucuugg.....	2	1	c15
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.....agauauguuugaGauucuugg.....	2	1	c15
.....agauauguuugauCuucuugg.....	1	1	c15
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.....agauauguuugauGuucuugg.....	4	1	c15
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.....aUauauguuugauauucuugg.....	10	1	c15
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.....agauauguuugauauGcuugg.....	4	1	c15
.....agauaAguuugauauucuuggu.....	4	1	c15
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.....agauauguuugauauuAuuggu.....	1	1	c15
.....agauauguuugaGauucuuggu.....	5	1	c15
.....agUuauguuugauauucuuggu.....	1	1	c15

Star Mature

uaagaagaccaaaucaagaaacaaaaauauauggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc

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.....agauauguuugauauucuugCu.....	6	1	c15
.....agauauguuugaCauucuuggu.....	1	1	c15
.....agauauguuugUuauucuuggu.....	3	1	c15
.....agauauguuugauauAcuuggu.....	1	1	c15
.....agauauguuugauGuucuuggu.....	2	1	c15
.....Cgauauguuugauauucuuggu.....	2	1	c15
.....agauauguuugauauuUuuggu.....	2	1	c15
.....agauauguuugauauucuuCgu.....	2	1	c15
.....agauauguuugauauucuuggG.....	1	1	c15
.....agauGuguuugauauucuuggu.....	2	1	c15
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.....agauauguuugauauucuAggu.....	1	1	c15
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.....Ugauauguuugauauucuugguug.....	8	1	c15
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.....agauauguuugauauucuugguuC.....	6	1	c15
.....agauauguuugauauucuAgguug.....	5	1	c15
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Star Mature

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.....Cagauauguuugauauucuuggu.....	1	1	c04
.....agauauguuugauauucA.....	1	1	c04
.....agauauCuuugauauucu.....	1	1	c04
.....agauauguuugauauucu.....	56	0	c04
.....Cgauauguuugauauucu.....	1	1	c04
.....agauauguuugauauucuu.....	36	0	c04
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.....agauauguuugauauucuA.....	2	1	c04
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.....agauauguuugauauucuug.....	36	0	c04
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.....agauauguuuCauauucuug.....	1	1	c04
.....agauaAguuugauauucuugg.....	1	1	c04
.....agauaugCuugauauucuugg.....	1	1	c04

Star Mature

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.....agauauguGugauauucuugg..... 1 1 c04

.....agauauguuugauauucuuCg..... 1 1 c04

.....agauauguCugauauucuugg..... 1 1 c04

.....agauauguuugauauucuugg..... 465 0 c04

.....agauauguuAgauauucuugg..... 1 1 c04

.....agaAauguuugauauucuugg..... 1 1 c04

.....Cgauauguuugauauucuugg..... 6 1 c04

.....agauauguuugCuauucuuggu..... 1 1 c04

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.....agauauguuuCauauucuuggu..... 1 1 c04

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.....agauauguuugauauucuuCguug..... 1 1 c04

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Star Mature

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.....uauguuugauauucuugguuu.....	2	0	c04
.....Gauguuugauauucuugguug.....	1	1	c04
.....uauguuugauauucuugguug.....	3	0	c04
.....uCuguuugauauucuugguug.....	1	1	c04
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.....Uuguuugauauucuuggu.....	1	1	c04
.....auguuugauauucuuggGu.....	1	1	c04
.....auguuugauauucuugguu.....	2	0	c04
.....auguuugauauucuugguug.....	17	0	c04
.....auguuugauauucuugguuC.....	1	1	c04
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.....Cagauauguuugauauucuugguu.....	1	1	c16
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.....Ggauauguuugauauucuug.....	2	1	c16
.....agauauguuugCuauucuug.....	1	1	c16
.....agaAauguuugauauucuug.....	1	1	c16
.....Cgauauguuugauauucuug.....	24	1	c16
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.....agauauguuugauaCucuug.....	1	1	c16
.....agauauguuugauauucuuU.....	1	1	c16
.....agauauguuugauauucAug.....	1	1	c16
.....agauauguuugauauucuug.....	580	0	c16
.....agauauguuugauauucuugU.....	9	1	c16
.....aUauauguuugauauucuugg.....	1	1	c16
.....agauaAguuugauauucuugg.....	1	1	c16
.....agauauguuugauaCucuugg.....	1	1	c16
.....agGuauguuugauauucuugg.....	2	1	c16
.....agauauguuugauauuAuugg.....	9	1	c16
.....agauauguuCgauauucuugg.....	1	1	c16
.....agauaugGuugauauucuugg.....	4	1	c16
.....agauauguuugaAauucuugg.....	5	1	c16
.....agauauguuAgauauucuugg.....	4	1	c16
.....agauauguuuCauauucuugg.....	6	1	c16
.....agauauguuugaGauucuugg.....	3	1	c16
.....agauauguuugauaAucuugg.....	3	1	c16
.....agauauguAugauauucuugg.....	2	1	c16
.....agauauCuuugauauucuugg.....	8	1	c16
.....agauauguuugCuauucuugg.....	1	1	c16
.....agauauguuugauauucAugg.....	1	1	c16
.....aAauauguuugauauucuugg.....	1	1	c16
.....agauaCguuugauauucuugg.....	1	1	c16
.....agauauguuugauauAcuugg.....	2	1	c16
.....agauauguuugauauucCugg.....	3	1	c16
.....agauauUuuugauauucuugg.....	2	1	c16
.....Cgauauguuugauauucuugg.....	113	1	c16
.....agauauguuugauauucuugC.....	2	1	c16
.....agauauguGugauauucuugg.....	2	1	c16
.....agauCuguuugauauucuugg.....	1	1	c16

Star Mature

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.....agauauAuuugauauucuugg.....	1	1	c16
.....agauauguuugauaGucuugg.....	1	1	c16
.....agauauguuugauauCcuugg.....	1	1	c16
.....agauaugCuugauauucuugg.....	1	1	c16
.....agauauguuugauauucuAgg.....	1	1	c16
.....agaAauguuugauauucuugg.....	3	1	c16
.....agauauguuugauauucuCgg.....	1	1	c16
.....agauauguuugauauucuuCg.....	2	1	c16
.....agauaugAuugauauucuugg.....	1	1	c16
.....agauauguuugauauucuuUg.....	7	1	c16
.....agauauguuuUauauucuugg.....	1	1	c16
.....agauauguuugauauucuugg.....	4330	0	c16
.....Ggauauguuugauauucuugg.....	5	1	c16
.....agauauguuugauauucAuggu.....	1	1	c16
.....agauauguuugauauuAuuggu.....	3	1	c16
.....agauauguuuCauauucuuggu.....	2	1	c16
.....agauauguAugauauucuuggu.....	4	1	c16
.....aUauauguuugauauucuuggu.....	1	1	c16
.....agauGuguuugauauucuuggu.....	1	1	c16
.....agauauguuugauauucuGggu.....	1	1	c16
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.....agauauguuugauauucuuCgu.....	4	1	c16
.....agauaugAuugauauucuuggu.....	2	1	c16
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.....Ggauauguuugauauucuuggu.....	1	1	c16
.....agauauguuugauauucuugAu.....	1	1	c16
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.....agauauguGugauauucuuggu.....	1	1	c16
.....agauauguuugauGuucuuggu.....	1	1	c16
.....agauauguCugauauucuuggu.....	1	1	c16
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.....agauauguuCgauauucuuggu.....	1	1	c16
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.....agauauguuugauauucuuggu.....	1922	0	c16
.....agauauguuugauauuUuuggu.....	1	1	c16
.....agauauguuugauauucuugCu.....	5	1	c16
.....agauauguuugauauucuAggu.....	1	1	c16
.....aCauauguuugauauucuugguu.....	1	1	c16
.....agauauguuugauauucAugguu.....	1	1	c16
.....agauauguuugauauucuugguA.....	178	1	c16
.....agauauguuugauauucuugguu.....	813	0	c16
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.....agauauguuugauauucuugguG.....	2	1	c16
.....agauauUuuugauauucuugguu.....	1	1	c16
.....agauauguuugauauucuuUguu.....	2	1	c16
.....Cgauauguuugauauucuugguu.....	17	1	c16
.....agUuauguuugauauucuugguu.....	1	1	c16
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.....agauauguuugauauucuugCuu.....	1	1	c16
.....agaAauguuugauauucuugguu.....	1	1	c16
.....agauauguuugauauucuugguC.....	4	1	c16
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.....agauauguuugauauucuuggCu.....	1	1	c16
.....agauauguuugauaCucuugguu.....	1	1	c16
.....agauauguuugauauucuuggAug.....	4	1	c16

Star Mature

uaagaagaccaaaucaagaaacaaaaauauauggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc

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.....agauauguuugauauucuuCguug.....	2	1	c16
.....agauauguuugauaGucuugguug.....	1	1	c16
.....agauaGguuugauauucuugguug.....	1	1	c16
.....agaCauguuugauauucuugguug.....	1	1	c16
.....agauauguuugauauucuuggGug.....	1	1	c16
.....agauauguuugGuauucuugguug.....	1	1	c16
.....Ggauauguuugauauucuugguug.....	2	1	c16
.....agauauguCugauauucuugguug.....	1	1	c16
.....agauauUuuugauauucuugguug.....	3	1	c16
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.....agauauguuugauauucuuUguug.....	5	1	c16
.....aUauauguuugauauucuugguug.....	5	1	c16
.....agauauguuugauauucuugguuU.....	614	1	c16
.....agauauguuugauaAucuugguug.....	2	1	c16
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.....agauauguuugauauucGugguug.....	2	1	c16
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.....agauauguuugauauucuAgguug.....	3	1	c16
.....agauauguuGgauauucuugguug.....	1	1	c16
.....agauauguuugauauucCugguug.....	1	1	c16
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.....agauauguuugauauucuugguGg.....	1	1	c16
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.....agauauguuugauauuGuugguug.....	2	1	c16
.....agauauguuugauauucAugguug.....	1	1	c16
.....agauauguuugauauucuugguugA.....	12	1	c16
.....agauauguuugauauucuugAuugu.....	1	1	c16
.....agauauguuugauauucuugguugC.....	2	1	c16
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.....agauauguuugauauucuugguugu.....	107	0	c16
.....Cgauauguuugauauucuugguugu.....	2	1	c16
.....agauauguuugauauucuugguugG.....	3	1	c16
.....agaCauguuugauauucuugguugu.....	1	1	c16
.....agauauguuugauauucuugguuAu.....	3	1	c16
.....agauauguuugauauucuugUuugu.....	1	1	c16
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.....auUuguuugauauucuugg.....	1	1	c16
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Star Mature

uaagaagaccaaaucaagaaacaaaaauauauggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc

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.....auauguuugauauucuugguug.....	4	0	c16
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.....uauguuugauauucuugg.....	8	0	c16
.....uUuguuugauauucuugg.....	1	1	c16
.....uauguuugauauucuuggu.....	4	0	c16
.....uauguuugauauucuugguu.....	5	0	c16
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.....uauguuugauauucuugguug.....	16	0	c16
.....uauguuugauauucuugguugu.....	1	0	c16
.....auguuugauauucuuggu.....	14	0	c16
.....auguuuCauauucuuggu.....	1	1	c16
.....auguuugauauucuuCgu.....	1	1	c16
.....Cuguuugauauucuuggu.....	3	1	c16
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.....auguuugauauucuugguugu.....	1	0	c16
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.....uguuugauauucuugguug.....	5	0	c16
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.....Uagauauguuugauauucuugg.....	1	1	c09
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.....Cagauauguuugauauucuugguu.....	4	1	c09
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.....agauauguuugauauucG.....	1	1	c09
.....Ugauauguuugauauucu.....	1	1	c09
.....agauauguAugauauucu.....	1	1	c09
.....Ggauauguuugauauucu.....	3	1	c09
.....agauauguuugCuauucu.....	1	1	c09
.....agauauguuugauauuUu.....	2	1	c09
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.....agauauguuuCauauucuu.....	1	1	c09
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.....agauauguAugauauucuug.....	1	1	c09
.....Cgauauguuugauauucuug.....	2	1	c09
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.....agauauguuugauauucAugg.....	3	1	c09
.....agauauguuugauauucuugA.....	2	1	c09
.....agauaugCuugauauucuugg.....	2	1	c09
.....Ugauauguuugauauucuugg.....	1	1	c09
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Star Mature

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.....agauauguuugauauucuuCg.....	3	1	c09
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.....Ugauauguuugauauucuuggu.....	2	1	c09
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.....agauauguuugauauucCuggu.....	3	1	c09
.....agauauguuugauaCucuuggu.....	1	1	c09
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.....agauaugAuugauauucuuggu.....	2	1	c09
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.....agauauguAugauauucuugguu.....	3	1	c09
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.....agauauguuugauauucuugguG.....	8	1	c09
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.....agauauguuugauauucuugUuu.....	1	1	c09

Star Mature

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.....agauauguuugaGauucuugguu.....	1	1	c09
.....agauauguuugauauucuugCuu.....	4	1	c09
.....Ggauauguuugauauucuugguu.....	1	1	c09
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.....agauaugCuugauauucuugguug.....	1	1	c09
.....agauauguuugauauuAuugguug.....	11	1	c09
.....agauauguGugauauucuugguug.....	3	1	c09
.....agauauguuugauauucuugguGg.....	1	1	c09
.....agauauguuAgauauucuugguug.....	4	1	c09
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.....agaCauguuugauauucuugguug.....	2	1	c09
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.....agauauguuugauauucuugguCg.....	3	1	c09
.....aCauauguuugauauucuugguug.....	2	1	c09
.....agauauguuugauauucuuCguug.....	13	1	c09
.....agauauguuugauauucuugCuug.....	15	1	c09
.....agauauCuuugauauucuugguug.....	2	1	c09
.....agauauguuugaAauucuugguug.....	2	1	c09
.....Ugauauguuugauauucuugguug.....	2	1	c09
.....agauauguuugauauCucuugguug.....	2	1	c09
.....aAauauguuugauauucuugguug.....	2	1	c09
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.....agauauguuugauauucuuggCug.....	2	1	c09
.....agauauguuCgauauucuugguug.....	3	1	c09
.....agauauguuugauGuucuugguug.....	2	1	c09
.....agauauguuugUuauucuugguug.....	1	1	c09
.....agauauguuugauauAcuugguug.....	2	1	c09
.....agauauguuuCauauucuugguug.....	4	1	c09
.....agauauguuugauauCcuugguug.....	1	1	c09
.....agauauguuugauauucuugAuug.....	2	1	c09
.....agauauguuuUauauucuugguug.....	3	1	c09
.....agauauguuugauauucuuUguug.....	7	1	c09
.....agauaAguuugauauucuugguug.....	3	1	c09
.....agauauguuGgauauucuugguug.....	1	1	c09
.....agauauguuugauauucuugguuA.....	21	1	c09
.....agauauguuugauaAucuugguug.....	2	1	c09
.....agaGauguuugauauucuugguug.....	1	1	c09
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.....agauauguuugauauucCugguug.....	1	1	c09
.....agauauguuugCuauucuugguug.....	4	1	c09
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.....Ggauauguuugauauucuugguug.....	6	1	c09
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.....agauauguuugauauucGugguug.....	1	1	c09
.....agauauguuugauauucuugguuC.....	20	1	c09
.....agauauguAugauauucuugguug.....	3	1	c09
.....agUuauguuugauauucuugguug.....	1	1	c09
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.....agauaugAuugauauucuugguug.....	3	1	c09
.....agaAauguuugauauucuugguugu.....	1	1	c09
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.....agauauguuugauauucuugguugG.....	27	1	c09
.....Ugauauguuugauauucuugguugu.....	1	1	c09
.....agauauguuugauauucuugguAgu.....	1	1	c09
.....agauauguuuAauauucuugguugu.....	1	1	c09
.....Cgauauguuugauauucuugguugu.....	4	1	c09
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Star Mature

uaagaagaccaaaucaagaaacaaaaauauauggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc

.....agauauCuuugauauucuugguugu.....	1	1	c09
.....Ggauauguuugauauucuugguugu.....	1	1	c09
.....aAauauguuugauauucuugguugu.....	1	1	c09
.....agauauguuugauauucuugguuAu.....	1	1	c09
.....agauauguuugauauucuugguuUu.....	2	1	c09
.....agauauguuugauauucuugguugC.....	9	1	c09
.....agauauguuugauauucuugCuugu.....	1	1	c09
.....agauauguuugauauucuugguuguC.....	1	1	c09
.....agauauguuugauauucuugguugAa.....	5	1	c09
.....agauauguuugauauucuugguuAua.....	1	1	c09
.....agauauguuugauauucuugguugCa.....	2	1	c09
.....agauauguuugauauucuugguuguU.....	7	1	c09
.....agauauguuugauauucuugguugua.....	4	0	c09
.....agauauguuugauauucuugguuguG.....	1	1	c09
.....agauauguuugauauucuugguuguau.....	2	0	c09
.....agauauguuugauauucuugguuguaA.....	1	1	c09
.....agauauguuugauauucuugguuguauc.....	1	0	c09
.....gCuauguuugauauucuugg.....	1	1	c09
.....gGuauguuugauauucuugg.....	2	1	c09
.....gauauguuugauauucuugguu.....	1	0	c09
.....gaCauguuugauauucuugguug.....	1	1	c09
.....Aauauguuugauauucuugguug.....	1	1	c09
.....gUuauguuugauauucuugguug.....	1	1	c09
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.....gCuauguuugauauucuugguug.....	1	1	c09
.....gaGauguuugauauucuugguugu.....	1	1	c09
.....auauguuugauauucuug.....	3	0	c09
.....auauguuugauauucuugg.....	4	0	c09
.....auauguuugauauucuuggu.....	6	0	c09
.....auauguuugauauucuuggC.....	1	1	c09
.....auauguuugauauucuugguu.....	6	0	c09
.....auauguuGgauauucuugguu.....	1	1	c09
.....Uuauguuugauauucuugguug.....	1	1	c09
.....auCuguuugauauucuugguug.....	1	1	c09
.....auauguuugauauucuugguug.....	23	0	c09
.....auauguuugCuauucuugguug.....	1	1	c09
.....auauguuugauauuAuugguug.....	1	1	c09
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.....auauguuugauauucuugguugu.....	2	0	c09
.....Gauguuugauauucuugg.....	2	1	c09
.....Aauguuugauauucuugg.....	1	1	c09
.....uauguuugauauucuugg.....	14	0	c09
.....uauguuugauauucuugCu.....	1	1	c09
.....uauguuugauauucuuggA.....	1	1	c09
.....Gauguuugauauucuuggu.....	2	1	c09
.....uauguuugauauucuuggu.....	16	0	c09
.....uauguuugauauucuugguA.....	1	1	c09
.....uaAguuugauauucuugguu.....	1	1	c09
.....uaugAuugauauucuugguu.....	1	1	c09
.....uauguuugauauucuugguu.....	26	0	c09
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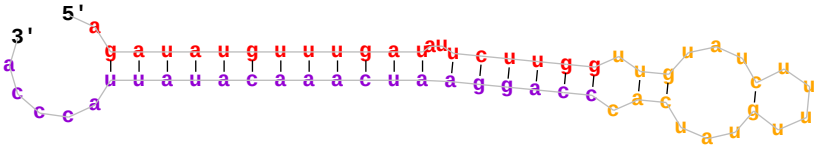
.....uauguuugauauucuuUguug.....	1	1	c09
.....Gauguuugauauucuugguug.....	4	1	c09
.....Gauguuugauauucuugguugu.....	1	1	c09
.....uauguuugauauucuugguugG.....	1	1	c09
.....uauguuugauauucuugguugu.....	2	0	c09
.....Cuguuugauauucuuggu.....	2	1	c09
.....auguuuCauauucuuggu.....	1	1	c09
.....auguuugauauucuugCu.....	1	1	c09
.....auguuugauauucuuggu.....	41	0	c09
.....auguuugauauucuuggC.....	1	1	c09
.....auguuugauauucuugguu.....	76	0	c09
.....auCuuugauauucuugguu.....	1	1	c09
.....auguuugauauucuugguA.....	3	1	c09
.....auguuugauauucuuCguu.....	1	1	c09
.....auguuugauauucuugCuug.....	1	1	c09
.....auguuugauauucuAgguug.....	1	1	c09

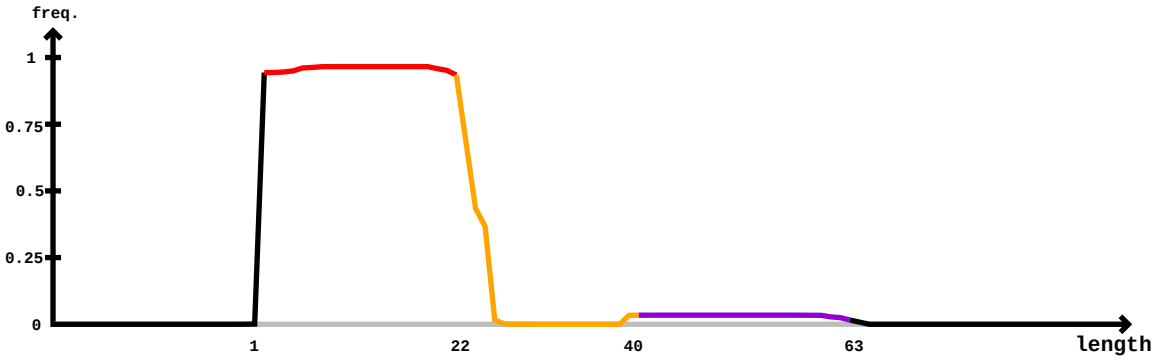
Star Mature

uaagaagaccaaaucaagaaacaaaaauauauggagacaaagacagcugauaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacc

.....auguuugauauucuuggguuA.....	1	1	c09
.....auguuugauauucuuggguuU.....	4	1	c09
.....Cuguuugauauucuuggguug.....	4	1	c09
.....auguuugauauucuuggguug.....	273	0	c09
.....auguuugauauucuuAguug.....	1	1	c09
.....auguuugauauucuuggguuG.....	2	1	c09
.....auguuugauauucuuggguugu.....	10	0	c09
.....auguuugauauucuuggguugA.....	2	1	c09
.....uguuugauauucuuggguu.....	19	0	c09
.....uguuugauauucuuggguA.....	1	1	c09
.....uguuugauauuAuuggguu.....	1	1	c09
.....Gguuugauauucuuggguu.....	2	1	c09
.....Gguuugauauucuuggguug.....	6	1	c09
.....uguuugauauucuuggguug.....	82	0	c09
.....uguuCgauauucuuggguug.....	1	1	c09
.....uguuugauauucuuggguuU.....	1	1	c09
.....uguuugauauucuuggguugu.....	6	0	c09
.....Cuuugauauucuuggguug.....	2	1	c09
.....gAuugauauucuuggguug.....	1	1	c09
.....guuugauauucuuggguug.....	116	0	c09
.....guAugauauucuuggguug.....	1	1	c09
.....guuugauauucuuggguugA.....	1	1	c09
.....guuugauauucuuggguugu.....	6	0	c09
.....Guugauauucuuggguugu.....	2	1	c09
.....uuugauauucuuggguuG.....	1	1	c09
.....uuugauauucuuggguugu.....	7	0	c09
.....uuugauauucuuggguugua.....	1	0	c09
.....uuugauauucuuggguuguU.....	1	1	c09
.....Guugauauucuuggguuguau.....	1	1	c09

Provisional ID	:	group12_19786
Score total	:	3.6
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	0.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	91566
Mature read count	:	91527
Loop read count	:	0
Star read count	:	39





Mature **Star**

```
5'- auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac  -3'   obs
    auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucacccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac        exp
    .....((((..(.((((.((.(((((((((((..((((((.((...(....)...)).)))))))))))))))))...)).)))))..))))..................   reads     mm        sample
    ..............cguuCagauauguuugauauucuugguug.....................................................................   1         1         c02
    ................Ggagauauguuugauauucuug.........................................................................   2         1         c02
    ................uCagauauguuugauauucuugguug.....................................................................   2         1         c02
    ................Cagauauguuugauauucuugguug.....................................................................   2         1         c02
    ................agauauguuugauauucG............................................................................   1         1         c02
    ................agaAauguuugauauucu............................................................................   1         1         c02
    ................Cgauauguuugauauucu............................................................................   6         1         c02
    ................agauaugAuugauauucu............................................................................   1         1         c02
    ................agauauCuuugauauucu............................................................................   1         1         c02
    ................agauauguuugauauucu............................................................................   210       0         c02
    ................agauauguuugauauAcuu...........................................................................   1         1         c02
    ................agauauguuugauauucuu...........................................................................   173       0         c02
    ................agauauguuugauauucAu...........................................................................   1         1         c02
    ................agauauguuugauauucuG...........................................................................   1         1         c02
    ................agauauguuugauauCcuu...........................................................................   1         1         c02
    ................agauauguuugauauucuA...........................................................................   1         1         c02
    ................Cgauauguuugauauucuu...........................................................................   1         1         c02
    ................agauaAguuugauauucuu...........................................................................   1         1         c02
    ................agauauguuugauauucAug..........................................................................   1         1         c02
    ................aUauauguuugauauucuug..........................................................................   1         1         c02
    ................agauauguuugauauuAuug..........................................................................   1         1         c02
    ................agauaAguuugauauucuug..........................................................................   1         1         c02
    ................agauauguuuCauauucuug..........................................................................   1         1         c02
    ................agauUuguuugauauucuug..........................................................................   1         1         c02
    ................Cgauauguuugauauucuug..........................................................................   8         1         c02
    ................agauauguAugauauucuug..........................................................................   1         1         c02
    ................Ggauauguuugauauucuug..........................................................................   1         1         c02
    ................agauauguuugauauucuug..........................................................................   428       0         c02
    ................agaAauguuugauauucuug..........................................................................   1         1         c02
    ................agauauguuuUauauucuug..........................................................................   1         1         c02
    ................agauauguuugauauucuCgg.........................................................................   1         1         c02
    ................agauauguuugauauucuugA.........................................................................   3         1         c02
    ................Ggauauguuugauauucuugg..........................................................................   1         1         c02
```

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

.....agauauguuugaGauucuugg.....	2	1	c02
.....agauauguuugauaAucuugg.....	2	1	c02
.....agGuauguuugauauucuugg.....	1	1	c02
.....agauauguuugGuauucuugg.....	1	1	c02
.....agauaAguuugauauucuugg.....	3	1	c02
.....agauauguuugauauucGugg.....	1	1	c02
.....agauauguuugauauucuugC.....	2	1	c02
.....agauauguuugauauucAugg.....	2	1	c02
.....agauauguuuCauauucuugg.....	3	1	c02
.....agauaugAuugauauucuugg.....	2	1	c02
.....agauauUuuugauauucuugg.....	1	1	c02
.....agauGuguuugauauucuugg.....	1	1	c02
.....agauauCuuugauauucuugg.....	7	1	c02
.....agauaugGuugauauucuugg.....	2	1	c02
.....agauauguuugauauuUuugg.....	1	1	c02
.....agaAauguuugauauucuugg.....	1	1	c02
.....agauauguuugauauuAuugg.....	6	1	c02
.....agauauguuugauauucuugg.....	2795	0	c02
.....Cgauauguuugauauucuugg.....	57	1	c02
.....agauauguuugauauucuuUg.....	1	1	c02
.....agauauguuugauauucuuCg.....	4	1	c02
.....agauauguuugauauucuugU.....	5	1	c02
.....agauauguuugauauAcuugg.....	2	1	c02
.....Ugauauguuugauauucuugg.....	1	1	c02
.....agauauguCugauauucuugg.....	1	1	c02
.....agauauguuAgauauucuugg.....	2	1	c02
.....agauauguuugauauucuuAg.....	4	1	c02
.....aCauauguuugauauucuugg.....	3	1	c02
.....agauaugAuugauauucuuggu.....	1	1	c02
.....Ugauauguuugauauucuuggu.....	1	1	c02
.....agauauguuugauaGucuuggu.....	1	1	c02
.....Ggauauguuugauauucuuggu.....	2	1	c02
.....agaAauguuugauauucuuggu.....	1	1	c02
.....agauauguuugauauucuCggu.....	1	1	c02
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.....agauauguuugauauucuuggG.....	1	1	c02
.....agauauCuuugauauucuuggu.....	5	1	c02
.....agauauguuugauauucuugUu.....	4	1	c02
.....agauauguuugauauucuuCgu.....	3	1	c02
.....agauauguuugauauAcuuggu.....	1	1	c02
.....agauauguuugauauucuuggA.....	34	1	c02
.....agauauguuAgauauucuuggu.....	3	1	c02
.....agauauguuCgauauucuuggu.....	1	1	c02
.....agaGauguuugauauucuuggu.....	1	1	c02
.....agauauguuugauaCucuuggu.....	1	1	c02
.....agUuauguuugauauucuuggu.....	1	1	c02
.....agauauguAugauauucuuggu.....	2	1	c02
.....agauauguuugauauucuugCu.....	2	1	c02
.....agauauguuugauauucuAggu.....	2	1	c02
.....agauauguuugauauuAuuggu.....	7	1	c02
.....agauauguuugaAauucuuggu.....	1	1	c02
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.....aCauauguuugauauucuuggu.....	2	1	c02
.....agauauguuuCauauucuuggu.....	2	1	c02
.....agauauguuugauauucuuggC.....	8	1	c02
.....agauaugGuugauauucuuggu.....	2	1	c02
.....agauauguuugauauucAuggu.....	1	1	c02
.....agauauguCugauauucuuggu.....	2	1	c02
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.....Cgauauguuugauauucuuggu.....	62	1	c02
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.....agauaAguuugauauucuuggu.....	4	1	c02
.....agauauguuugauauucuugCuu.....	4	1	c02
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.....Ggauauguuugauauucuuggu.....	1	1	c02
.....agCuauguuugauauucuuggu.....	1	1	c02
.....agauauguuugauauucCuggu.....	2	1	c02

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

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.....agauauguuugauaGucuuggguu.....	1	1	c02
.....agauauguuugauauAcuuggguu.....	1	1	c02
.....agauauguuAgauauucuuggguu.....	3	1	c02
.....agauauguuugauauuUuuggguu.....	1	1	c02
.....agauauguuugauauucGuggguu.....	3	1	c02
.....agauauguuugauaCucuuggguu.....	1	1	c02
.....agauauguuugauauucuuggguu.....	2053	0	c02
.....agauauCuuugauauucuuggguu.....	4	1	c02
.....agUuauguuugauauucuuggguu.....	1	1	c02
.....agauauguAugauauucuuggguu.....	2	1	c02
.....agauauguGugauauucuuggguu.....	1	1	c02
.....agauauguuugauauucuuggguG.....	2	1	c02
.....agauauguuugauauucuuUguu.....	3	1	c02
.....agauauguuugGuauucuuggguu.....	1	1	c02
.....agauauguuugauauucuugUuu.....	1	1	c02
.....agauauguuugauauucuugguA.....	50	1	c02
.....agauauguCugauauucuuggguu.....	1	1	c02
.....agauauguuugauauucuAgguu.....	2	1	c02
.....agauauguuuCauauucuuggguu.....	2	1	c02
.....agauauguuugauauucuuggAu.....	1	1	c02
.....agauauguuugauauuAuuggguu.....	2	1	c02
.....agaGauguuugauauucuuggguu.....	3	1	c02
.....agaCauguuugauauucuuggguu.....	1	1	c02
.....agauaugAuugauauucuuggguu.....	4	1	c02
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.....Cgauauguuugauauucuuggguu.....	41	1	c02
.....agauaugGuugauauucuuggguug.....	3	1	c02
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.....agauauguuugauauucuuggAug.....	7	1	c02
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.....agauauguuugauaGucuuggguug.....	1	1	c02
.....Ggauauguuugauauucuuggguug.....	2	1	c02
.....agauauguuugauauucuugUuug.....	8	1	c02
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.....agUuauguuugauauucuuggguug.....	3	1	c02
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.....agauauguuGgauauucuuggguug.....	1	1	c02
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.....agauauguuCgauauucuuggguug.....	1	1	c02
.....agGuauguuugauauucuuggguug.....	2	1	c02
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.....agauauguuugauauucuugguCg.....	3	1	c02
.....agauauguuugauauucuugguGg.....	3	1	c02
.....agauauguuugauauucuugguAg.....	13	1	c02
.....agauauguAugauauucuuggguug.....	7	1	c02
.....aAauauguuugauauucuuggguug.....	2	1	c02
.....agauauguuugauaAucuuggguug.....	5	1	c02
.....Ugauauguuugauauucuuggguug.....	7	1	c02
.....agauauAuuugauauucuuggguug.....	2	1	c02

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

.....agauauguuugauauCcuugguug.....	2	1	c02
.....agauauguuuCauauucuugguug.....	11	1	c02
.....agauauguuugaGauucuugguug.....	5	1	c02
.....agauGuguuugauauucuugguug.....	3	1	c02
.....agaAauguuugauauucuugguug.....	4	1	c02
.....agauauguuugauauGcuugguug.....	1	1	c02
.....agauauUuuugauauucuugguug.....	3	1	c02
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.....agauauguuugauauucuGgguug.....	2	1	c02
.....agauaGguuugauauucuugguug.....	1	1	c02
.....agauauguGugauauucuugguug.....	7	1	c02
.....agauauguuuUauauucuugguug.....	5	1	c02
.....agCuauguuugauauucuugguug.....	5	1	c02
.....agauauguuugCuauucuugguug.....	3	1	c02
.....agaGauguuugauauucuugguug.....	1	1	c02
.....agauauguuugauauuAuugguug.....	24	1	c02
.....aCauauguuugauauucuugguug.....	12	1	c02
.....agauauguuugauUuucuugguug.....	3	1	c02
.....agauaAguuugauauucuugguug.....	10	1	c02
.....agauauguuugauauucuuggGug.....	2	1	c02
.....agauauguuugauauucuugguuC.....	15	1	c02
.....agauauguuugauauucuuCguug.....	16	1	c02
.....agauauguuugGuauucuugguug.....	2	1	c02
.....agauauguuugauauucuuggCug.....	5	1	c02
.....agaAauguuugauauucuugguugu.....	1	1	c02
.....Cgauauguuugauauucuugguugu.....	10	1	c02
.....agauauguuugauauucuugguugC.....	7	1	c02
.....agauauguuugauauucuugCuugu.....	1	1	c02
.....agauauguuugauauucuugguugG.....	19	1	c02
.....agauauguuugauauucuugguuUu.....	4	1	c02
.....agauauguuugauauucuuCguugu.....	1	1	c02
.....agauauUuuugauauucuugguugu.....	1	1	c02
.....agauauguuugauauucAugguugu.....	1	1	c02
.....agauGuguuugauauucuugguugu.....	1	1	c02
.....agauauguuugauauucuugguuAu.....	1	1	c02
.....aUauauguuugauauucuugguugu.....	2	1	c02
.....agauauguuugauauucuugguugA.....	132	1	c02
.....agauauCuuugauauucuugguugu.....	1	1	c02
.....agauauguuugauauucCugguugu.....	1	1	c02
.....agauauguuugauauucuugguugu.....	366	0	c02
.....agauauguuugauauucuugguugAa.....	7	1	c02
.....agauauguuugauauucuugguugCa.....	1	1	c02
.....agauauguuugauauucuugguugua.....	4	0	c02
.....agauauguuugauauucuugguuguU.....	7	1	c02
.....agauauguuugauauucuugguugGa.....	2	1	c02
.....agauauguuugauauucuugguuguau.....	2	0	c02
.....agauauguuugauauucuugguuguUu.....	1	1	c02
.....agauauguuugauauucuugguuguaA.....	4	1	c02
.....gauauguuugauauucuugg.....	1	0	c02
.....gauauguuugauauucuuggu.....	2	0	c02
.....Uauauguuugauauucuugguug.....	1	1	c02
.....gauauguuugauauucuugguug.....	3	0	c02
.....gaAauguuugauauucuugguug.....	2	1	c02
.....Aauauguuugauauucuugguugu.....	1	1	c02
.....auauguuugauauucuug.....	1	0	c02
.....aGauguuugauauucuugg.....	1	1	c02
.....auauguuugauauucuugg.....	9	0	c02
.....auauguuugauauucuuggu.....	5	0	c02
.....auUuguuugauauucuugguu.....	1	1	c02
.....auauguuugauauucuugguu.....	6	0	c02
.....auauguuugauauucuugguC.....	1	1	c02
.....Cuauguuugauauucuugguug.....	3	1	c02
.....auauguuugaAauucuugguug.....	1	1	c02
.....auUuguuugauauucuugguug.....	2	1	c02
.....auauguuugauauucuugguug.....	70	0	c02
.....auauguuugauauucuugguugu.....	3	0	c02
.....auauguuugauauucuugguugA.....	1	1	c02
.....uauguuugauauucuugg.....	14	0	c02
.....Gauguuugauauucuugg.....	6	1	c02
.....uauguuugauauucuuCg.....	1	1	c02

Mature **Star**

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

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.....Gauguuugauauucuuggu.....	1	1	c02
.....uauguuugauauucuuggA.....	1	1	c02
.....uauguuugauauucuuggguu.....	11	0	c02
.....Gauguuugauauucuuggguu.....	1	1	c02
.....uauguuugauauucuuggguug.....	101	0	c02
.....Gauguuugauauucuuggguug.....	12	1	c02
.....uauguuugauauucuuggguuU.....	2	1	c02
.....uCuguuugauauucuuggguug.....	1	1	c02
.....uauguuugauauucuuggguugA.....	3	1	c02
.....uauguuugauauucuuggguugu.....	2	0	c02
.....auguuugauauucuuggu.....	45	0	c02
.....Cuguuugauauucuuggu.....	6	1	c02
.....auguuugauauucuugUu.....	1	1	c02
.....auguuugauauucuuggguu.....	64	0	c02
.....aGguuugauauucuuggguu.....	1	1	c02
.....auguAugauauucuuggguu.....	1	1	c02
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.....auguuugauauucuugguA.....	2	1	c02
.....augGuugauauucuuggguu.....	1	1	c02
.....Cuguuugauauucuuggguu.....	4	1	c02
.....auguuugauauucuuUguug.....	1	1	c02
.....Cuguuugauauucuuggguug.....	15	1	c02
.....Uuguuugauauucuuggguug.....	1	1	c02
.....aCguuugauauucuuggguug.....	1	1	c02
.....auguuugauauucuuggGug.....	1	1	c02
.....auguuugauauucuuCguug.....	1	1	c02
.....auguuugauauAcuuggguug.....	1	1	c02
.....auCuuugauauucuuggguug.....	1	1	c02
.....auguuugauauucuuggguuU.....	2	1	c02
.....auguuugauauucuAgguug.....	1	1	c02
.....auguuugauauucuuggguug.....	354	0	c02
.....auguuugauaAucuuggguug.....	1	1	c02
.....auguuAgauauucuuggguug.....	1	1	c02
.....auguuugauauucuuggguugA.....	4	1	c02
.....auguuugauauucuuggguugu.....	10	0	c02
.....uguuugauauucuuggguu.....	3	0	c02
.....uguuugauauucuuggguug.....	33	0	c02
.....uguuuCauauucuuggguug.....	1	1	c02
.....Gguuugauauucuuggguug.....	4	1	c02
.....uguuugauauucuuggguuU.....	1	1	c02
.....uCuuugauauucuuggguug.....	1	1	c02
.....uUuuugauauucuuggguug.....	1	1	c02
.....guAugauauucuuggguug.....	1	1	c02
.....Cuuugauauucuuggguug.....	2	1	c02
.....guuugauauucuuggguug.....	111	0	c02
.....guuugauauucuuggguugu.....	9	0	c02
.....guuugauauucuuggguugua.....	1	0	c02
.....uuugauauucuuggguugA.....	1	1	c02
.....uuugauauucuuggguugu.....	12	0	c02
.....Guugauauucuuggguugu.....	2	1	c02
.....uuugauauucuuggguguU.....	1	1	c02
.....ugauauucuuggguguUu.....	1	1	c02
.....cccaggaaucaaacauauu.....	5	0	c02
.....cccaggaaucaaacauauua.....	2	0	c02
.....cccaggaaucaaacauauuac.....	3	0	c02
.....cccaggaaucaaacauauuacc.....	13	0	c02
.....ccAaggaaucaaacauauuaccc.....	1	1	c02
.....Accaggaaucaaacauauuaccc.....	1	1	c02
.....cccagCaaucaaacauauuaccc.....	1	1	c02
.....cccaggaaucaaacauauuacAc.....	1	1	c02
.....cccaggaaAcaaacauauuaccc.....	1	1	c02
.....cccaggaaucaaacauauuaccc.....	65	0	c02
.....ccAaggaaucaaacauauuaccca.....	1	1	c02
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.....cccagCaaucaaacauauuaccca.....	1	1	c02
.....cccaggaaucaaGcauauuaccca.....	1	1	c02
.....cccaggaaucaaacauauuacccG.....	1	1	c02
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Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

.....cccaggaaucaaacauauuacccau.....	1	0	c02
.....cccaggaaucaaacauauuacccUu.....	2	1	c02
.....ccaggaaucaaacauauuaccc.....	1	0	c02
.....ccaggaaucaaacauauuaccca.....	4	0	c02
.....uAagauauguuugauauuc.....	1	1	c15
.....uCagauauguuugauauucuuggu.....	2	1	c15
.....Ggagauauguuugauauucuugguug.....	1	1	c15
.....uCagauauguuugauauucuugguug.....	1	1	c15
.....Cagauauguuugauauucuugg.....	9	1	c15
.....Cagauauguuugauauucuuggu.....	11	1	c15
.....Cagauauguuugauauucuugguug.....	10	1	c15
.....Uagauauguuugauauucuugguug.....	1	1	c15
.....agauauguuugGuauucu.....	1	1	c15
.....agauauguuugauauucu.....	22	0	c15
.....agauauguuugauauucC.....	1	1	c15
.....agauauguuugauauucuu.....	12	0	c15
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.....agauauguuugauauucuAg.....	1	1	c15
.....Ugauauguuugauauucuug.....	1	1	c15
.....agauauguuugauauucuuC.....	1	1	c15
.....agauaugCuugauauucuug.....	1	1	c15
.....agauauguuugauauucuuU.....	8	1	c15
.....agauGuguuugauauucuug.....	1	1	c15
.....agauauguuugauauucuGg.....	1	1	c15
.....agauauguuugauauucuuA.....	4	1	c15
.....agGuauguuugauauucuugg.....	5	1	c15
.....agauUuguuugauauucuugg.....	5	1	c15
.....agauCuguuugauauucuugg.....	1	1	c15
.....agauauguuugauaAucuugg.....	3	1	c15
.....agauauguuugUuauucuugg.....	3	1	c15
.....agauauguAugauauucuugg.....	2	1	c15
.....aAauauguuugauauucuugg.....	10	1	c15
.....agauauguuCgauauucuugg.....	9	1	c15
.....Ggauauguuugauauucuugg.....	21	1	c15
.....agauaugAuugauauucuugg.....	10	1	c15
.....agauauguuugaCauucuugg.....	5	1	c15
.....agauauguuugauauuUuugg.....	8	1	c15
.....agauauguuugauCuucuugg.....	1	1	c15
.....agauauguuugaAauucuugg.....	6	1	c15
.....agauauguuugCuauucuugg.....	1	1	c15
.....agauauguuugauaCucuugg.....	2	1	c15
.....agauauUuuugauauucuugg.....	2	1	c15
.....agauauguuugauauuGuugg.....	3	1	c15
.....agauauguuugauauucuuCg.....	4	1	c15
.....aUauauguuugauauucuugg.....	10	1	c15
.....agauGuguuugauauucuugg.....	5	1	c15
.....Ugauauguuugauauucuugg.....	31	1	c15
.....agauauguuugauauucuugU.....	55	1	c15
.....agaCauguuugauauucuugg.....	3	1	c15
.....agauauguuugauauucuugC.....	36	1	c15
.....agauaGguuugauauucuugg.....	4	1	c15
.....agauauguCugauauucuugg.....	3	1	c15
.....agauauguuugauauCcuugg.....	2	1	c15
.....agauauguuugGuauucuugg.....	8	1	c15
.....agauauguuugauauuAuugg.....	2	1	c15
.....agauauguuugauauucCugg.....	4	1	c15
.....agauauguuugauauucuugA.....	85	1	c15
.....agauauguuugauGuucuugg.....	4	1	c15
.....agauauguuugauauucuCgg.....	6	1	c15
.....agauauAuuugauauucuugg.....	3	1	c15
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.....aCauauguuugauauucuugg.....	3	1	c15
.....agauaugCuugauauucuugg.....	6	1	c15
.....agauauguuugauauucuuAg.....	13	1	c15
.....agauaAguuugauauucuugg.....	2	1	c15
.....agauauguuugauUuucuugg.....	1	1	c15
.....agauauguuugauauucuuUg.....	2	1	c15

Mature Star

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.....agauauguuugauauGcuugg.....	4	1	c15
.....agauauguuugauauAcuugg.....	4	1	c15
.....agauauguuugauauucuAgg.....	4	1	c15
.....agauaugGuugauauucuugg.....	6	1	c15
.....Cgauauguuugauauucuugg.....	8	1	c15
.....agauauguuugauauucAugg.....	4	1	c15
.....agauauguuuAauauucuugg.....	7	1	c15
.....agauauguuAgauauucuugg.....	1	1	c15
.....agauauguuugaGauucuugg.....	2	1	c15
.....Cgauauguuugauauucuuggu.....	2	1	c15
.....agauauguuugauauuUuuggu.....	2	1	c15
.....agauauguuugauauGcuuggu.....	1	1	c15
.....aCauauguuugauauucuuggu.....	2	1	c15
.....agUuauguuugauauucuuggu.....	1	1	c15
.....agauauguuugGuauucuuggu.....	1	1	c15
.....agauauguuugauauucAuggu.....	1	1	c15
.....agauauguuugauauucuCggu.....	1	1	c15
.....agauaugCuugauauucuuggu.....	2	1	c15
.....agauauguuugauauucuuggG.....	1	1	c15
.....agauauguuugauauAcuuggu.....	1	1	c15
.....agauauguuugauauucuugCu.....	6	1	c15
.....agauauguuuCauauucuuggu.....	1	1	c15
.....agauGuguuugauauucuuggu.....	2	1	c15
.....agauauguCugauauucuuggu.....	1	1	c15
.....agauauguuugauauucuuggu.....	8609	0	c15
.....Ugauauguuugauauucuuggu.....	8	1	c15
.....agauauguuugauauucuGggu.....	1	1	c15
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.....agauauguuuAauauucuuggu.....	3	1	c15
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.....agauauguuugauauucuuggA.....	147	1	c15
.....Ggauauguuugauauucuuggu.....	4	1	c15
.....agauauguuugauauucuugUu.....	4	1	c15
.....agauauguuugauGuucuuggu.....	2	1	c15
.....agauauguuugauauuAuuggu.....	1	1	c15
.....aAauauguuugauauucuuggu.....	9	1	c15
.....agauauUuuugauauucuuggu.....	1	1	c15
.....agauaugAuugauauucuuggu.....	4	1	c15
.....agauauguuugauauucuugAu.....	2	1	c15
.....agaCauguuugauauucuuggu.....	1	1	c15
.....agauauguAugauauucuuggu.....	2	1	c15
.....agauauguuugauauucuuAgu.....	2	1	c15
.....agauauguuugUuauucuuggu.....	3	1	c15
.....aUauauguuugauauucuuggu.....	5	1	c15
.....agauauguuugauauucuuggC.....	57	1	c15
.....agauauguuuUauauucuuggu.....	2	1	c15
.....agauauAuuugauauucuuggu.....	1	1	c15
.....agauauguuugauauucuAggu.....	1	1	c15
.....agauauguuugaCauucuuggu.....	1	1	c15
.....agauauguuugauauCcuuggu.....	1	1	c15
.....agauauguuugaGauucuuggu.....	5	1	c15
.....agauaGguuugauauucuuggu.....	2	1	c15
.....agauaAguuugauauucuuggu.....	4	1	c15
.....agauauguuCgauauucuuggu.....	6	1	c15
.....agauaugGuugauauucuuggu.....	3	1	c15
.....agauauguuugauauAcuugguu.....	1	1	c15
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.....agauauguuugauauucuuUguu.....	1	1	c15
.....agauauguuugauauucuuggAu.....	1	1	c15
.....agauauguuugauauucuugguu.....	522	0	c15
.....agauaAguuugauauucuugguu.....	1	1	c15
.....agaCauguuugauauucuugguu.....	1	1	c15
.....agauauguuugauauucuugguC.....	6	1	c15
.....agauauguuugauauucuugUuu.....	1	1	c15
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.....agauauguuugauauucuuggCu.....	4	1	c15
.....agauauguuugauauucuugguG.....	1	1	c15
.....agauauguuuAauauucuugguu.....	1	1	c15
.....agauaugCuugauauucuugguu.....	1	1	c15

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

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.....agauauguuugauauucCugguu.....	1	1	c15
.....agauaugCuugauauucuugguug.....	1	1	c15
.....agauauguuCgauauucuugguug.....	3	1	c15
.....agauauguuugauauucuugUuug.....	2	1	c15
.....agauauguuugaAauucuugguug.....	1	1	c15
.....Cgauauguuugauauucuugguug.....	1	1	c15
.....agauauguuugaGauucuugguug.....	1	1	c15
.....agauauguuugauauucuuggAug.....	5	1	c15
.....agauauguuugauauucuuUguug.....	1	1	c15
.....agauUuguuugauauucuugguug.....	1	1	c15
.....aUauauguuugauauucuugguug.....	1	1	c15
.....agauauguuugauauucuugguuA.....	237	1	c15
.....agauauguuugauauucCugguug.....	2	1	c15
.....agauauguuugauauAcuugguug.....	2	1	c15
.....aCauauguuugauauucuugguug.....	2	1	c15
.....agauauguGugauauucuugguug.....	1	1	c15
.....agauauguuugUuauucuugguug.....	2	1	c15
.....aAauauguuugauauucuugguug.....	3	1	c15
.....agUuauguuugauauucuugguug.....	2	1	c15
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.....agauauguuugauauuUuugguug.....	1	1	c15
.....agauauguuugauauGcuugguug.....	3	1	c15
.....agauauguuugauauucuugguuU.....	31	1	c15
.....agauauguuugauCuucuugguug.....	1	1	c15
.....agauaugGuugauauucuugguug.....	6	1	c15
.....agauaAguuugauauucuugguug.....	2	1	c15
.....agauauguuugauauucuugguuC.....	6	1	c15
.....agauauguuugauauucuugguCg.....	3	1	c15
.....agauauguuugauauucuugCuug.....	1	1	c15
.....agauauguuuAauauucuugguug.....	3	1	c15
.....agauauguuugauauucGugguug.....	1	1	c15
.....agGuauguuugauauucuugguug.....	1	1	c15
.....agauGuguuugauauucuugguug.....	1	1	c15
.....agauauguuugauauucuGgguug.....	1	1	c15
.....agauauguuugauauucuuggCug.....	3	1	c15
.....agauaugAuugauauucuugguug.....	5	1	c15
.....agauauguuugauauucuAgguug.....	5	1	c15
.....agaCauguuugauauucuugguug.....	1	1	c15
.....agCuauguuugauauucuugguug.....	1	1	c15
.....Ggauauguuugauauucuugguug.....	6	1	c15
.....Ugauauguuugauauucuugguug.....	8	1	c15
.....agaGauguuugauauucuugguug.....	1	1	c15
.....agauauguuugauauucuCgguug.....	1	1	c15
.....agauauguuugauauucuugguAg.....	1	1	c15
.....agauauguuugauauucuugguuUu.....	6	1	c15
.....agauauguuugauauucuugguugA.....	26	1	c15
.....agauauguuugauauucuugUuugu.....	1	1	c15
.....agauauguuugauauucuugguugu.....	134	0	c15
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.....agauauguuugauauucuugguugua.....	3	0	c15
.....agauauguuugauauucuugguugAa.....	2	1	c15
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.....gauauguuugauauucuuggu.....	1	0	c15
.....gauauguuugauauucuugguuA.....	1	1	c15
.....auauguuugauauucuugguu.....	1	0	c15
.....auauguuugauauucuugguug.....	2	0	c15
.....uauguuugauauucuugg.....	3	0	c15
.....uauguuugauauucuuggu.....	2	0	c15
.....uauguuugauauucuugguug.....	1	0	c15
.....auguuugauauucuuggu.....	5	0	c15

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

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.....uguuugauauucuuggguug.....	2	0	c15
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.....uaucuuuuguaucacccaggaaucaaac.....	1	0	c15
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.....cccaggaaucaaacauauuaA.....	1	1	c15
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.....Ggagauauguuugauauucu.....	1	1	c09
.....Cagauauguuugauauucuu.....	1	1	c09
.....Uagauauguuugauauucuugg.....	1	1	c09
.....Cagauauguuugauauucuuggu.....	1	1	c09
.....Cagauauguuugauauucuuggguu.....	4	1	c09
.....Cagauauguuugauauucuuggguug.....	9	1	c09
.....gGgauauguuugauauucuuggguug.....	1	1	c09
.....agauauguAugauauucu.....	1	1	c09
.....Ugauauguuugauauucu.....	1	1	c09
.....agauauguuugauauucG.....	1	1	c09
.....agauauguuugauauuUu.....	2	1	c09
.....agauauUuuugauauucu.....	1	1	c09
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.....agauauguuugCuauucu.....	1	1	c09
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.....agauauguuugauaAucuu.....	1	1	c09
.....agauauguuugauauucuG.....	1	1	c09

Mature Star

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.....agauauguuugauauucAu.....	2	1	c09
.....agauauguuugauauucCu.....	1	1	c09
.....agauauguuugauauuAuu.....	1	1	c09
.....agauauguuugauauucuC.....	2	1	c09
.....agauauguuugauUuucuu.....	1	1	c09
.....agauauguAugauauucuug.....	1	1	c09
.....agauauguuugauauAcuug.....	1	1	c09
.....agauauguuugauauucuuU.....	2	1	c09
.....agauauguuugauauucuug.....	248	0	c09
.....agUuauguuugauauucuug.....	1	1	c09
.....Cgauauguuugauauucuug.....	2	1	c09
.....agauauguuugauauucAugg.....	3	1	c09
.....agauauguuugauauucCugg.....	2	1	c09
.....agauauguuugauauucuugA.....	2	1	c09
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.....agauaCguuugauauucuugg.....	1	1	c09
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.....agauaugCuugauauucuugg.....	2	1	c09
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.....agauauguuugauauucuuCg.....	3	1	c09
.....agauauguuugauauCcuugg.....	1	1	c09
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.....agauauguuugauauuUuugg.....	1	1	c09
.....agauauguuugauauuAuugg.....	2	1	c09
.....agauauguuugCuauucuugg.....	2	1	c09
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.....agauauguuugauauucuugg.....	1755	0	c09
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.....agauauguuugauauucuugCu.....	2	1	c09
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.....agauauguuugauauucuuAgu.....	1	1	c09
.....agauauguuugaAauucuuggu.....	1	1	c09
.....agauauguuuUauauucuuggu.....	1	1	c09
.....agauauguuugauauucuuggA.....	26	1	c09
.....agauauguuugauaCucuuggu.....	1	1	c09
.....agauaugAuugauauucuuggu.....	2	1	c09
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.....Ggauauguuugauauucuuggu.....	1	1	c09
.....agaAauguuugauauucuuggu.....	1	1	c09
.....agauauguuugauauuAuuggu.....	3	1	c09
.....agauauguuugauauucuuCgu.....	2	1	c09
.....Cgauauguuugauauucuuggu.....	10	1	c09
.....agauauguuugauauuUuuggu.....	1	1	c09
.....agauauguuugauauucuuggC.....	17	1	c09
.....agaCauguuugauauucuuggu.....	1	1	c09
.....agauauguAugauauucuuggu.....	4	1	c09
.....agauauguuugauauucCuggu.....	3	1	c09
.....agauauguuuCauauucuuggu.....	1	1	c09
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.....agauauguuAgauauucuuggu.....	1	1	c09
.....agauaAguuugauauucuuggu.....	1	1	c09
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Mature Star

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.....agauauguuugauauucuugguC.....	2	1	c09
.....agauaugAuugauauucuugguu.....	1	1	c09
.....agauauAuuugauauucuugguu.....	1	1	c09
.....agauauguuugauauAcuugguu.....	1	1	c09
.....agauauguuugauauucuugguG.....	8	1	c09
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.....agauUuguuugauauucuugguu.....	1	1	c09
.....agauaugGuugauauucuugguu.....	1	1	c09
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.....Ggauauguuugauauucuugguu.....	1	1	c09
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.....Cgauauguuugauauucuugguu.....	13	1	c09
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.....agauauguuugauauucuugCuu.....	4	1	c09
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.....agauauguuuCauauucuugguu.....	3	1	c09
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.....agauauguuugauauucuuCguu.....	4	1	c09
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.....Ugauauguuugauauucuugguug.....	2	1	c09
.....agauauguGugauauucuugguug.....	3	1	c09
.....agauauguuugGuauucuugguug.....	1	1	c09
.....agauauguuugauGuucuugguug.....	2	1	c09
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.....agaGauguuugauauucuugguug.....	1	1	c09
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.....agauauguuugauauucuugguAg.....	2	1	c09
.....agauauguAugauauucuugguug.....	3	1	c09
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Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

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.....agauauguuugauauucAuggguug.....	5	1	c09
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.....agauaugCuugauauucuuggguug.....	1	1	c09
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.....agauauguuugauauucuuggguug.....	7094	0	c09
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.....agauauguuugauauucuuCguug.....	13	1	c09
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.....agauauguuugauauucuugAuug.....	2	1	c09
.....agauauguuugauauucuuggGug.....	2	1	c09
.....agUuauguuugauauucuuggguug.....	1	1	c09
.....agauauguuugauauucuuggguuAu.....	1	1	c09
.....agauauguuugauauucuugCuugu.....	1	1	c09
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.....aAauauguuugauauucuuggguugu.....	1	1	c09
.....agauauCuuugauauucuuggguugu.....	1	1	c09
.....agauauguuugauauucuuggguugC.....	9	1	c09
.....agaAauguuugauauucuuggguugu.....	1	1	c09
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.....agauauguuugauauucuuggguugu.....	247	0	c09
.....Ggauauguuugauauucuuggguugu.....	1	1	c09
.....agauauguuugauauucuuggguuguG.....	1	1	c09
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.....Gauguuugauauucuugg.....	2	1	c09
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.....uauguuugauauucuuggA.....	1	1	c09
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.....uaAguuugauauucuugguu.....	1	1	c09
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Mature Star

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.....Cauguuugauauucuuggguug.....	1	1	c09
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.....Gauguuugauauucuuggguug.....	4	1	c09
.....Gauguuugauauucuuggguugu.....	1	1	c09
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.....auguuuCauauucuuggu.....	1	1	c09
.....Cuguuugauauucuuggu.....	2	1	c09
.....auguuugauauucuugCu.....	1	1	c09
.....auguuugauauucuuggu.....	41	0	c09
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.....auCuuugauauucuuggguu.....	1	1	c09
.....auguuugauauucuuCguu.....	1	1	c09
.....auguuugauauucuugguA.....	3	1	c09
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.....ccaggaaucaaacauauuacc.....	1	0	c09
.....Cagauauguuugauauucuugg.....	1	1	c04
.....Cagauauguuugauauucuuggu.....	1	1	c04

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

.....agauauguuugauauucA.....	1	1	c04
.....agauauguuugauauucu.....	56	0	c04
.....Cgauauguuugauauucu.....	1	1	c04
.....agauauCuuugauauucu.....	1	1	c04
.....agauauguuugauauucuu.....	36	0	c04
.....agauauguCugauauucuu.....	1	1	c04
.....agauauguuugauauucuA.....	2	1	c04
.....agaAauguuugauauucuug.....	1	1	c04
.....agauauguuuCauauucuug.....	1	1	c04
.....agauauguuugauauucuuA.....	1	1	c04
.....agauauguuugauauucuug.....	36	0	c04
.....agauauguuAgauauucuugg.....	1	1	c04
.....agauauguuugauauucuuCg.....	1	1	c04
.....agauauguCugauauucuugg.....	1	1	c04
.....agauauguuugauauucuugg.....	465	0	c04
.....agauauguuugauauucuugU.....	2	1	c04
.....agauauguGugauauucuugg.....	1	1	c04
.....agauaugCuugauauucuugg.....	1	1	c04
.....agauaAguuugauauucuugg.....	1	1	c04
.....Cgauauguuugauauucuugg.....	6	1	c04
.....agaAauguuugauauucuugg.....	1	1	c04
.....agauauguuugauauucuuggC.....	5	1	c04
.....agauauguuugauauucuuggu.....	366	0	c04
.....agauauguuugauaCucuuggu.....	2	1	c04
.....agauauguuuCauauucuuggu.....	1	1	c04
.....agauauguuugauauucuugCu.....	1	1	c04
.....agauauguuugauauucuugAu.....	1	1	c04
.....agauauguuugauauucCuggu.....	1	1	c04
.....agauauguuugCuauucuuggu.....	1	1	c04
.....agauauguuugauauucuuggA.....	15	1	c04
.....Cgauauguuugauauucuuggu.....	5	1	c04
.....Cgauauguuugauauucuugguu.....	3	1	c04
.....agauauguuugauauucuugguG.....	2	1	c04
.....agauauguuugauauucuuggAu.....	1	1	c04
.....agauauguuugauauucuugguC.....	2	1	c04
.....agauauguuugauauuAuugguu.....	1	1	c04
.....agauaugCuugauauucuugguu.....	1	1	c04
.....agauauguuugauauucuugguA.....	75	1	c04
.....agauauguuugauauucuuUguu.....	1	1	c04
.....agauauguuugauauucuugguu.....	231	0	c04
.....agauauguuAgauauucuugguu.....	1	1	c04
.....agauauguuugauauucuuCguu.....	1	1	c04
.....agauauguuugauauucuugCuu.....	1	1	c04
.....Cgauauguuugauauucuugguug.....	1	1	c04
.....agauaAguuugauauucuugguug.....	2	1	c04
.....agauauguuugauauuAuugguug.....	1	1	c04
.....agauauguAugauauucuugguug.....	1	1	c04
.....agauauguuugauauucuugguuA.....	2	1	c04
.....agauauguuuCauauucuugguug.....	1	1	c04
.....agauauguuCgauauucuugguug.....	1	1	c04
.....agauauguuugauauucuugguCg.....	1	1	c04
.....agauauguuugauauucuuggAug.....	1	1	c04
.....agauauguuugauaAucuugguug.....	2	1	c04
.....agauauguuugauauucuuCguug.....	1	1	c04
.....agauauguuugauauucuugAuug.....	2	1	c04
.....agauauguuugauaGucuugguug.....	1	1	c04
.....agauauguuugauauucuugguug.....	1025	0	c04
.....Ugauauguuugauauucuugguug.....	2	1	c04
.....agauauguuugauauucuugguuU.....	11	1	c04
.....agauaugAuugauauucuugguug.....	3	1	c04
.....agauauCuuugauauucuugguug.....	1	1	c04
.....agauauguuugauauucAugguug.....	3	1	c04
.....agauauguuugauauucuuUguug.....	1	1	c04
.....agauauguuugauauucuugguC.....	2	1	c04
.....agaAauguuugauauucuugguug.....	1	1	c04
.....agauauguuugauauucuugguugA.....	7	1	c04
.....agauauguuugauauucuugguugu.....	31	0	c04
.....agauauguuugauauucuugguugG.....	6	1	c04
.....agauauguuugauauucuugguugC.....	1	1	c04
.....agauauguuugauauucuugguuUu.....	1	1	c04

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

.....agauauguuugauauucuugguugua.....	1	0	c04
.....agauauguuugauauucuugguuguU.....	4	1	c04
.....agauauguuugauauucuugguuguCu.....	1	1	c04
.....agauauguuugauauucuugguuguUu.....	1	1	c04
.....gUuauguuugauauucuugg.....	1	1	c04
.....Aauauguuugauauucuugg.....	1	1	c04
.....auauguuugauauucuug.....	1	0	c04
.....auauguuugauauucuugg.....	3	0	c04
.....auauguuugauauucuuggu.....	3	0	c04
.....auGuguuugauauucuugguug.....	1	1	c04
.....auauguuugauauucuugguug.....	3	0	c04
.....auauguuugauauucuugguugu.....	1	0	c04
.....uauguuugauauucuugg.....	2	0	c04
.....uauguuugauauucuuggu.....	3	0	c04
.....uauguuugauauucuugguu.....	2	0	c04
.....Gauguuugauauucuugguug.....	1	1	c04
.....uCuguuugauauucuugguug.....	1	1	c04
.....uauguuugauauucuugguug.....	3	0	c04
.....uauguuugauauucuugguugA.....	2	1	c04
.....auguuugauauucuuggu.....	6	0	c04
.....Uuguuugauauucuuggu.....	1	1	c04
.....auguuugauauucuugguu.....	2	0	c04
.....auguuugauauucuuggGu.....	1	1	c04
.....auguuugauauucuugguug.....	17	0	c04
.....auguuugauauucuugguuC.....	1	1	c04
.....uguuugauauucuugguu.....	1	0	c04
.....uguuugauauucuugguug.....	5	0	c04
.....guuugauauucuugguug.....	4	0	c04
.....cccaggaaucaaacauauu.....	1	0	c04
.....cccaggaaucaaacauauuacc.....	4	0	c04
.....cccaggaaucaaacauauuaAc.....	1	1	c04
.....cccaggaaucaaacauauuaccc.....	9	0	c04
.....cccaggaaucaaacauauuaccca.....	18	0	c04
.....ccaggaaucaaacauauuaccca.....	1	0	c04
.....ugagauauguuugauauucuugguA.....	1	1	c16
.....Cagauauguuugauauucuugg.....	2	1	c16
.....Cagauauguuugauauucuugguu.....	1	1	c16
.....Cagauauguuugauauucuugguug.....	7	1	c16
.....agauauguuugauauucu.....	95	0	c16
.....agauauUuuugauauucu.....	1	1	c16
.....agauauguuugauauucuG.....	2	1	c16
.....Ugauauguuugauauucuu.....	1	1	c16
.....agauauguuugauauucuA.....	1	1	c16
.....agauauguuugauauAcuu.....	1	1	c16
.....agauauguuugauauucCu.....	1	1	c16
.....agauauguuuUauauucuu.....	1	1	c16
.....agauauguuugauGuucuu.....	1	1	c16
.....Cgauauguuugauauucuu.....	1	1	c16
.....agauauguuugauauucuu.....	144	0	c16
.....agauauguuugauauucAug.....	1	1	c16
.....agaAauguuugauauucuug.....	1	1	c16
.....Ggauauguuugauauucuug.....	2	1	c16
.....aCauauguuugauauucuug.....	1	1	c16
.....agauauguuugauauucuug.....	580	0	c16
.....agauauguuugCuauucuug.....	1	1	c16
.....Cgauauguuugauauucuug.....	24	1	c16
.....agauauguuugauauuAuug.....	3	1	c16
.....agauauguuugauauucuuU.....	1	1	c16
.....agGuauguuugauauucuug.....	2	1	c16
.....agauauguuugauauGcuug.....	1	1	c16
.....agauauguuugauaCucuug.....	1	1	c16
.....agauauguuugauGuucuug.....	1	1	c16
.....agauauguuugauauucAugg.....	1	1	c16
.....agauauguuugaGauucuugg.....	3	1	c16
.....agauauguuCgauauucuugg.....	1	1	c16
.....agauauCuuugauauucuugg.....	8	1	c16
.....agauauguuugauauucuCgg.....	1	1	c16
.....agGuauguuugauauucuugg.....	2	1	c16
.....agauauguuugauauuAuugg.....	9	1	c16

Mature Star

auaaugccguuguaucguugagauauguuugauauucuuggauguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

.....agauauguuugauaGucuugg.....	1	1	c16
.....agauauguuuUauauucuugg.....	1	1	c16
.....agauauguuugaAauucuugg.....	5	1	c16
.....agauaugGuugauauucuugg.....	4	1	c16
.....Ggauauguuugauauucuugg.....	5	1	c16
.....agauauguuugauauucuuCg.....	2	1	c16
.....agauauguuugauauucuuUg.....	7	1	c16
.....agauauguuAgauauucuugg.....	4	1	c16
.....agauauguGugauauucuugg.....	2	1	c16
.....agauauguuugauaAucuugg.....	3	1	c16
.....agauauUuuugauauucuugg.....	2	1	c16
.....agauauguuugauauucuAgg.....	1	1	c16
.....Cgauauguuugauauucuugg.....	113	1	c16
.....agauauguuugauauCcuugg.....	1	1	c16
.....agauauAuuugauauucuugg.....	1	1	c16
.....agauaugCuugauauucuugg.....	1	1	c16
.....agauauguuugauauucuugC.....	2	1	c16
.....agauauguuugCuauucuugg.....	1	1	c16
.....agauauguuugauauucuugg.....	4330	0	c16
.....agauauguuugauauAcuugg.....	2	1	c16
.....agaAauguuugauauucuugg.....	3	1	c16
.....agauCuguuugauauucuugg.....	1	1	c16
.....agauaCguuugauauucuugg.....	1	1	c16
.....aUauauguuugauauucuugg.....	1	1	c16
.....agaGauguuugauauucuugg.....	1	1	c16
.....agauauguuugauauucCugg.....	3	1	c16
.....aAauauguuugauauucuugg.....	1	1	c16
.....agauaugAuugauauucuugg.....	1	1	c16
.....agauauguAugauauucuugg.....	2	1	c16
.....agauauguuugauauucuugU.....	9	1	c16
.....agauauguuugauaCucuugg.....	1	1	c16
.....agauaAguuugauauucuugg.....	1	1	c16
.....agauauguuuCauauucuugg.....	6	1	c16
.....agauauguuugauauucuAggu.....	1	1	c16
.....agauauguuugauauuUuuggu.....	1	1	c16
.....agauauguuugauauucAuggu.....	1	1	c16
.....agauauguuugauauucuuggC.....	12	1	c16
.....aUauauguuugauauucuuggu.....	1	1	c16
.....agauauguuuCauauucuuggu.....	2	1	c16
.....Cgauauguuugauauucuuggu.....	43	1	c16
.....agauaugGuugauauucuuggu.....	1	1	c16
.....agauauguuugauauucuuCgu.....	4	1	c16
.....agauUuguuugauauucuuggu.....	1	1	c16
.....agauaugAuugauauucuuggu.....	2	1	c16
.....agauGuguuugauauucuuggu.....	1	1	c16
.....agauauguuugauaAucuuggu.....	1	1	c16
.....Ggauauguuugauauucuuggu.....	1	1	c16
.....aCauauguuugauauucuuggu.....	4	1	c16
.....agauauguuuUauauucuuggu.....	1	1	c16
.....agauauguuugCuauucuuggu.....	5	1	c16
.....agauauguuugauauucuuggA.....	61	1	c16
.....agauauguGugauauucuuggu.....	1	1	c16
.....agaAauguuugauauucuuggu.....	2	1	c16
.....agauauguAugauauucuuggu.....	4	1	c16
.....agauauguuugauaGucuuggu.....	1	1	c16
.....agauauguCugauauucuuggu.....	1	1	c16
.....agauauCuuugauauucuuggu.....	2	1	c16
.....agauauguuCgauauucuuggu.....	1	1	c16
.....agauauguuugauauucuuggu.....	1922	0	c16
.....agauauguuugauauucuuggG.....	2	1	c16
.....agauauguuugauUuucuuggu.....	1	1	c16
.....agauauguuugauGuucuuggu.....	1	1	c16
.....agauauguuugauauuAuuggu.....	3	1	c16
.....agauauguuugaCauucuuggu.....	1	1	c16
.....agauauguuAgauauucuuggu.....	2	1	c16
.....agauauguuugauauucuugCu.....	5	1	c16
.....agauauguuugauauucuGggu.....	1	1	c16
.....Ugauauguuugauauucuuggu.....	1	1	c16
.....agauauguuugUuauucuuggu.....	1	1	c16
.....agauauguuugauauucuugAu.....	1	1	c16

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

.....agauauguuugauauucuugCuu.....	1	1	c16
.....agauauguAugauauucuugguu.....	1	1	c16
.....aCauauguuugauauucuugguu.....	1	1	c16
.....agauauguuugauauucuuUguu.....	2	1	c16
.....agauauguuugauauucuugguu.....	813	0	c16
.....agaAauguuugauauucuugguu.....	1	1	c16
.....agauauguuugauauucuugguG.....	2	1	c16
.....agUuauguuugauauucuugguu.....	1	1	c16
.....aUauauguuugauauucuugguu.....	2	1	c16
.....agauaugAuugauauucuugguu.....	1	1	c16
.....agauauUuuugauauucuugguu.....	1	1	c16
.....agauauCuuugauauucuugguu.....	3	1	c16
.....Cgauauguuugauauucuugguu.....	17	1	c16
.....agauauguuugauauucuugguA.....	178	1	c16
.....agauauguuugauauucAugguu.....	1	1	c16
.....agauauguuugauauucuugguC.....	4	1	c16
.....agauauguuugauaCucuugguu.....	1	1	c16
.....agauauguuugauauucuuggCu.....	1	1	c16
.....agauauguuuAauauucuugguug.....	1	1	c16
.....aUauauguuugauauucuugguug.....	5	1	c16
.....agauauguuuCauauucuugguug.....	4	1	c16
.....Cgauauguuugauauucuugguug.....	71	1	c16
.....agauauguuugauauucuuggAug.....	4	1	c16
.....agauauguuugauauucuugguAg.....	2	1	c16
.....agauauguuugGuauucuugguug.....	1	1	c16
.....agauauguuugauauucuugguuU.....	614	1	c16
.....agauauguuugauauucuAgguug.....	3	1	c16
.....agauauguuugauauuAuugguug.....	4	1	c16
.....agauaGguuugauauucuugguug.....	1	1	c16
.....agauauguCugauauucuugguug.....	1	1	c16
.....agauauguuugauauucuugguuC.....	6	1	c16
.....agauauguuugauauucuuggGug.....	1	1	c16
.....agaCauguuugauauucuugguug.....	1	1	c16
.....agauauguuugauauucGugguug.....	2	1	c16
.....agauauguuugauauucCugguug.....	1	1	c16
.....agauauguuugUuauucuugguug.....	1	1	c16
.....agauauguuugauaAucuugguug.....	2	1	c16
.....agauauguuGgauauucuugguug.....	1	1	c16
.....agauauguuugauauucuugguuA.....	42	1	c16
.....agauauguuAgauauucuugguug.....	1	1	c16
.....agauauguuugauauucuugCuug.....	6	1	c16
.....agauGuguuugauauucuugguug.....	1	1	c16
.....agauauguuugauauucuugUuug.....	1	1	c16
.....agauauCuuugauauucuugguug.....	4	1	c16
.....agauauguuugauaGucuugguug.....	1	1	c16
.....agauauguuugauauucAugguug.....	1	1	c16
.....Ggauauguuugauauucuugguug.....	2	1	c16
.....agauauguAugauauucuugguug.....	4	1	c16
.....agauauguuuUauauucuugguug.....	1	1	c16
.....Ugauauguuugauauucuugguug.....	2	1	c16
.....agauauguuugauauuGuugguug.....	2	1	c16
.....agauauguuugaCauucuugguug.....	1	1	c16
.....agauauAuuugauauucuugguug.....	1	1	c16
.....agauauguuugauauucuugguug.....	2875	0	c16
.....agauauguuugauauucuuCguug.....	2	1	c16
.....agauauguuugauauuUuugguug.....	2	1	c16
.....agauaAguuugauauucuugguug.....	3	1	c16
.....agauauguuugauauucuuUguug.....	5	1	c16
.....agauaugAuugauauucuugguug.....	3	1	c16
.....agaAauguuugauauucuugguug.....	1	1	c16
.....agauauguuugauauucuugguGg.....	1	1	c16
.....agauauUuuugauauucuugguug.....	3	1	c16
.....agauauguuugauauucuugguugA.....	12	1	c16
.....agauauguuugauauucuugUuugu.....	1	1	c16
.....agauauguuugauauucuugguuCu.....	1	1	c16
.....agauauguuugauauucuugguugC.....	2	1	c16
.....Cgauauguuugauauucuugguugu.....	2	1	c16
.....agauauguuugauauucuugAuugu.....	1	1	c16
.....agauauguuugauauucuugguuUu.....	15	1	c16
.....agauauguuugauauucuugguuAu.....	3	1	c16

Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

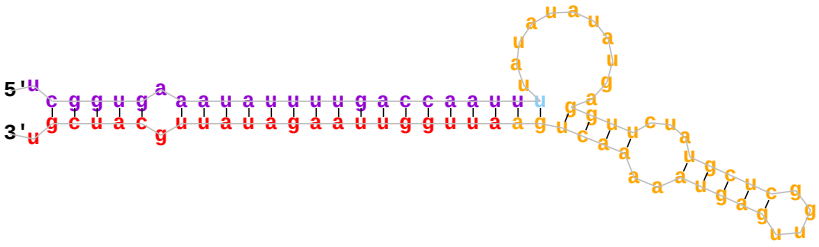
.....agaCauguuugauauucuugguugu.....	1	1	c16
.....aCauauguuugauauucuugguugu.....	1	1	c16
.....agauauguuugauauucuugguugG.....	3	1	c16
.....agauauguuugauauucuugguugu.....	107	0	c16
.....agauauguuugauauucuugguugua.....	4	0	c16
.....agauauguuugauauucuugguuUua.....	1	1	c16
.....agauauguuugauauucuugguuguU.....	5	1	c16
.....agauauguuugauauucuugguuUuau.....	3	1	c16
.....agauauguuugauauucuugguugAau.....	1	1	c16
.....agauauguuugauauucuugguuguUu.....	5	1	c16
.....agauauguuugauauucuugguuguau.....	3	0	c16
.....agauauguuugauauucuugguuguauUu.....	1	1	c16
.....agauauguuugauauucuugguuguauUuu.....	3	1	c16
.....gauauguuugauauucuugg.....	1	0	c16
.....gGuauguuugauauucuugguugu.....	1	1	c16
.....auauguuugauauucuug.....	2	0	c16
.....auauguuugauauucuugg.....	3	0	c16
.....auUuguuugauauucuugg.....	1	1	c16
.....auauguuugauauucuuggu.....	3	0	c16
.....auauguuugauauucuugguu.....	1	0	c16
.....auauguuugauauucGugguug.....	1	1	c16
.....auauguuugauauucuugguug.....	4	0	c16
.....uUuguuugauauucuugg.....	1	1	c16
.....uauguuugauauucuugg.....	8	0	c16
.....uauguuugauauucuuggu.....	4	0	c16
.....uauguuugauauucuugguu.....	5	0	c16
.....uauguuugauauucuugguuU.....	2	1	c16
.....uauguuugauauucuugguug.....	16	0	c16
.....uauguuugauauucuugguugu.....	1	0	c16
.....auguuugauauucuuggu.....	14	0	c16
.....auguuugauauucuuCgu.....	1	1	c16
.....auguuugauauucuuggA.....	2	1	c16
.....Cuguuugauauucuuggu.....	3	1	c16
.....auguuuCauauucuuggu.....	1	1	c16
.....Cuguuugauauucuugguu.....	2	1	c16
.....auguuugauauucuugguu.....	5	0	c16
.....auguuugauauucuuggguU.....	5	1	c16
.....auguuugauauucuugguAg.....	1	1	c16
.....auguAugauauucuugguug.....	1	1	c16
.....auguuugauauucuugguug.....	38	0	c16
.....auguuugauauucuugguugu.....	1	0	c16
.....auguuugauauucuugguugG.....	1	1	c16
.....uguuugauauucuugguu.....	2	0	c16
.....uguuugauauucuugguug.....	5	0	c16
.....guuugauauucuugguug.....	6	0	c16
.....uuugauauucuuggguuguU.....	1	1	c16
.....cccaggaaucaaacauau.....	1	0	c16
.....cccaggaaucaaacauauu.....	10	0	c16
.....cccaggaaucaaacauauua.....	5	0	c16
.....cccaggaaucaaacauauuac.....	15	0	c16
.....cccaUgaaucaaacauauuac.....	1	1	c16
.....cccagAaaucaaacauauuac.....	1	1	c16
.....cccGggaaucaaacauauuacc.....	1	1	c16
.....cccaggaaucaaacauauuacc.....	52	0	c16
.....cccaggaaucaaacauauuaccc.....	326	0	c16
.....cccaUgaaucaaacauauuaccc.....	1	1	c16
.....cccaggaaucaaacauauuacAc.....	6	1	c16
.....cccaggaaucaaacauauuacGc.....	1	1	c16
.....cccaggaaucaaacauauuaccA.....	1	1	c16
.....cccaggaaucaaaAauauuaccc.....	1	1	c16
.....cccUggaaucaaacauauuaccc.....	1	1	c16
.....cccagCaaucaaacauauuaccc.....	1	1	c16
.....cccaggaaucaCacauauuaccc.....	2	1	c16
.....cccaggaaucaaacauauuacUca.....	1	1	c16
.....cccaggaaucaaacauauuacccU.....	1	1	c16
.....cAcaggaaucaaacauauuaccca.....	1	1	c16
.....cccaggaaucaaacauauuacccG.....	1	1	c16
.....cccGggaaucaaacauauuaccca.....	1	1	c16
.....cccaggaaucaaacauCuuaccca.....	1	1	c16
.....cccaggaaucaaaAauauuaccca.....	1	1	c16

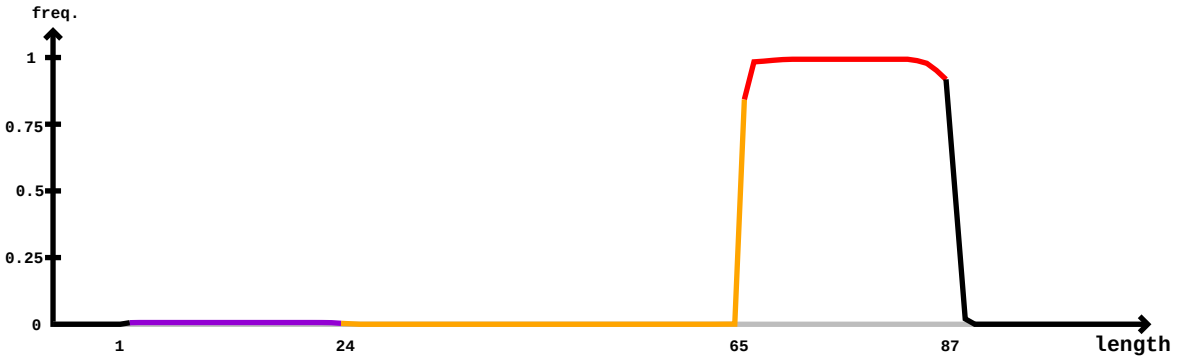
Mature Star

auaaugccguuguaucguugagauauguuugauauucuugguuguaucuuuuguaucaccaggaaucaaacauauuacccaucgaucucgguccgaacuacguggcgac

.....cccaggaaucaaUcauauuaccca.....	1	1	c16
.....cccaggaaucaaacauauuaccca.....	274	0	c16
.....cccaggaaucaaacauauuaccAa.....	3	1	c16
.....cccaggaaucaaacauauuacAca.....	7	1	c16
.....cccaggaaucaaacauauuacccaG.....	2	1	c16
.....cccaggaaucaaacauauuacccau.....	4	0	c16
.....cUcaggaaucaaacauauuacccau.....	1	1	c16
.....cccaggaaucaaacauauuacccauU.....	1	1	c16
.....ccaggaaucaaacauauu.....	1	0	c16
.....ccaggaaucaaacauauuac.....	1	0	c16
.....ccaggaaucaaacauauuaccc.....	3	0	c16
.....ccaggaaucaaacauauuaccca.....	2	0	c16
.....caggaaucaaacauauuac.....	1	0	c16
.....caggaaucaaacauauuaccc.....	1	0	c16
.....caggaaucaaacauauuaccca.....	1	0	c16
.....aggaaucaaacauauuaccca.....	1	0	c16
.....gaaCcaaacauauuaccc.....	1	1	c16

Provisional ID	:	group12_19797
Score total	:	4.8
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	7679
Mature read count	:	7629
Loop read count	:	0
Star read count	:	50





Star **Mature**

```
5'- aggcggucggugaaauauuuugaccaauuuuauauauaugagguucuaugcucgguugaguaaaaacugaauugguuaagauauugcaucgucugcuugauccgggaaucuc  -3'   obs
    aggcggucggugaaauauuuugaccaauuuuauauauaugagguucuaugcucgguugaguaaaaacugaauugguuaagauauugcaucgucugcuugauccgggaaucuc        exp
    ((((((.(((((.(((((((((((((((((.........((((...(((((....)))))..)))))))))))))))))))).)))))).)))))).....................  reads   mm   sample
    ......ucggugaaauauuuugaccaauu.....................................................................................  5       0    c09
    ......ucggugaaauauuuugaccaauuu....................................................................................  1       0    c09
    ..................................................................Aaauugguuaagauauugcaucgu.........................  1       1    c09
    .....................................................................auugguuaagauauugca.............................  14      0    c09
    .....................................................................Cuugguuaagauauugcau............................  1       1    c09
    .....................................................................auugguuaagauauugcau............................  29      0    c09
    .....................................................................auugguuaagauauugcauc...........................  35      0    c09
    .....................................................................auugguuaagauauugcauC...........................  2       1    c09
    .....................................................................Cuugguuaagauauugcaucg..........................  1       1    c09
    .....................................................................auugguuaagauauugcaucg..........................  31      0    c09
    .....................................................................Guugguuaagauauugcaucgu.........................  1       1    c09
    .....................................................................Cuugguuaagauauugcaucgu.........................  9       1    c09
    .....................................................................auugguuaagauauugcaucCu.........................  1       1    c09
    .....................................................................auugguuaagauauugcaucgu.........................  554     0    c09
    .....................................................................auugguuaagauauugUaucgu.........................  1       1    c09
    .....................................................................auugguuaagauaAugcaucgu.........................  1       1    c09
    .....................................................................auugguuaagauauugcauAgu.........................  3       1    c09
    .....................................................................auugguuaagauauuCcaucgu.........................  1       1    c09
    .....................................................................auugguuaaUauauugcaucgu.........................  2       1    c09
    .....................................................................auuggAuaagauauugcaucgu.........................  1       1    c09
    .....................................................................auugguuaagauauugAaucgu.........................  1       1    c09
    .....................................................................auugguuaagauauugcaucguU........................  10      1    c09
    .....................................................................auugguuaagauauugcaucguc........................  2       0    c09
    .....................................................................auugguuaagauauugcaucguG........................  2       1    c09
    .....................................................................auugguuaagauauugcaucguA........................  1       1    c09
    .....................................................................auugguuaagauauugcaucguUu.......................  2       1    c09
    .....................................................................uugguuaagauauugcau.............................  2       0    c09
    .....................................................................Guugguuaagauauugcauc...........................  1       1    c09
    .....................................................................uugguuaagauauugcauc............................  7       0    c09
    .....................................................................uugguuaagauauugcaucg...........................  1       0    c09
    .....................................................................Cuugguuaagauauugcaucgu.........................  1       1    c09
    .....................................................................uugguuaagauauugcaucgu.........................  45      0    c09
    .....................................................................Guugguuaagauauugcaucgu.........................  3       1    c09
```

Star **Mature**

```
aggcggucggugaaauauuuugaccaauuuuauauauaugagguucuaugcucgguugaguaaaaacugaauuggguuaagauauugcaucgucugcuugauccgggaaucuc
.....................................................................uuggguuaagauaCugcaucguc.....  1   1   c09
.....................................................................uuggguuaagauauugcaucguU.....  9   1   c09
.....................................................................uuggguuaagauauugcaucguc.....  13  0   c09
.....................................................................uuggguuaagauauugcaucgucu.....  7   0   c09
.....................................................................uuggguuaagauauugcaucguUu.....  2   1   c09
.....................................................................ugguuaagauauugcaucgucu.....  1   0   c09
.....................................................................gguuaagauauugcaucgu.....  7   0   c09
.....................................................................uuaagauauugcaucguc.....  1   0   c09

......ucggugaaauauuuugaccaauu.....................................................................  1   0   c04
.....................................................................auuggguuaagauauugcau.....  1   0   c04
.....................................................................auuggguuaagauauugcauc.....  4   0   c04
.....................................................................auuggguuaagauauugcaucg.....  1   0   c04
.....................................................................auuggguuaagauauugcaucgu.....  33  0   c04
.....................................................................Cuuggguuaagauauugcaucgu.....  1   1   c04
.....................................................................auuggguuaagauauugcCucgu.....  1   1   c04
.....................................................................auuggguuaagauauugcaucguUu.....  1   1   c04
.....................................................................uuggguuaagauauugcau.....  2   0   c04
.....................................................................uuggguuaagauauugcauc.....  1   0   c04
.....................................................................Gugguuaagauauugcaucgu.....  1   1   c04
.....................................................................uuggguuaagauauugcaucguU.....  3   1   c04
.....................................................................uuggguuaagauauugcaucguc.....  3   0   c04
.....................................................................Gugguuaagauauugcaucguc.....  1   1   c04

......ucggugaaauauuuugaccaa.....................................................................  2   0   c16
......Gcggugaaauauuuugaccaau.....................................................................  1   1   c16
......ucggugaaauauuuugaccaau.....................................................................  14  0   c16
......Acggugaaauauuuugaccaau.....................................................................  1   1   c16
......ucggugaaauauuuugaccaauu.....................................................................  6   0   c16
......ucggugaaauauuuugaccaauA.....................................................................  1   1   c16
......Gcggugaaauauuuugaccaauu.....................................................................  2   1   c16
......ucggugaaauauuuugCccaauu.....................................................................  1   1   c16
......ucggugaaauauuuugaccaauuu.....................................................................  1   0   c16
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.....................................................................gaUuugguuaagauauugcaucgu.....  1   1   c16
.....................................................................aauugguuaagauauugcaucgu.....  1   0   c16
.....................................................................auuggguuaagauauugca.....  12  0   c16
.....................................................................Cuuggguuaagauauugca.....  1   1   c16
.....................................................................auuggguuaagauauugcC.....  1   1   c16
.....................................................................auuggguuaagauauugcau.....  19  0   c16
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.....................................................................auuggguuaagauauugcauc.....  100 0   c16
.....................................................................auuCguuaagauauugcauc.....  1   1   c16
.....................................................................Cuuggguuaagauauugcauc.....  8   1   c16
.....................................................................auuggguuaagauaGugcaucg.....  1   1   c16
.....................................................................Cuuggguuaagauauugcaucg.....  3   1   c16
.....................................................................auugUuuaagauauugcaucg.....  1   1   c16
.....................................................................auuggguuaagauauugcaucg.....  124 0   c16
.....................................................................auugCuuaagauauugcaucg.....  1   1   c16
.....................................................................auuggguuaagauauuUcaucgu.....  1   1   c16
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.....................................................................Uuuggguuaagauauugcaucgu.....  1   1   c16
.....................................................................auuggguuaagauauugcaucCu.....  2   1   c16
.....................................................................aAuggguuaagauauugcaucgu.....  1   1   c16
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.....................................................................Guuggguuaagauauugcaucgu.....  1   1   c16
.....................................................................Cuuggguuaagauauugcaucgu.....  117 1   c16
.....................................................................auuggguuaagauauuCcaucgu.....  8   1   c16
.....................................................................auuggguuaagauauugAaucgu.....  6   1   c16
.....................................................................auuggguuaagauauugcauUgu.....  2   1   c16
.....................................................................auugAuuaagauauugcaucgu.....  1   1   c16
.....................................................................auuggguuaagaAauugcaucgu.....  1   1   c16
.....................................................................auuggguuaagauauugcaucgG.....  1   1   c16
.....................................................................auuggguuaagauauugcaucUu.....  2   1   c16
.....................................................................auuggguuaagauauugGaucgu.....  1   1   c16
.....................................................................auAgguuaagauauugcaucgu.....  1   1   c16
```

Star Mature

aggcggucggugaaauauuuugaccaauuuuauauauaugagguucuaugcucgguugaguaaaaacugaauugguuaagauauugcaucgucugcuugauccgggaaucuc

.....auugCuuaagauauugcaucgu.....	2	1	c16
.....auuggguuaagauaAugcaucgu.....	4	1	c16
.....auuggguuaUgauauugcaucgu.....	1	1	c16
.....auuggguuaagauauugcCucgu.....	6	1	c16
.....auuggguuaagauauugcaucgA.....	2	1	c16
.....auuggguGaagauauugcaucgu.....	1	1	c16
.....auuggguAaagauauugcaucgu.....	2	1	c16
.....auuggguuaagauauugcaucgC.....	6	1	c16
.....auuUguuaagauauugcaucgu.....	2	1	c16
.....auugUuuaagauauugcaucgu.....	2	1	c16
.....auuggguuaagauauAgcaucgu.....	4	1	c16
.....auuggguuaagauauugcauAgu.....	10	1	c16
.....auuggguuaaCauauugcaucgu.....	4	1	c16
.....auuCguuaagauauugcaucgu.....	6	1	c16
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.....auuggGuaagauauugcaucgu.....	2	1	c16
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.....auuggguuUagauauugcaucgu.....	1	1	c16
.....auuggguuaagauauugcUucgu.....	1	1	c16
.....auuggguuaagauauugcaucguU.....	68	1	c16
.....auuggGuaagauauugcaucguc.....	1	1	c16
.....auuggguuaagauauugcaucguA.....	5	1	c16
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.....auuggguuaagauauugcaucguG.....	2	1	c16
.....auuggguuaagauauugcaucguUu.....	16	1	c16
.....auuggguuaagauauugcaucgucA.....	2	1	c16
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.....Augguuaagauauugcaucgu.....	1	1	c16
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.....uuggguuaagauauuUcaucgu.....	1	1	c16
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.....uuggguuaagauauugcaucguA.....	3	1	c16
.....Gugguuaagauauugcaucguc.....	12	1	c16
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.....guuaagauauugcaucguc.....	2	0	c16

Star Mature

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.....uuaagauauugcaucguc.....	2	0	c16
.....Guaagauauugcaucgucu.....	1	1	c16
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.....auugguuaagauauuCcauc.....	1	1	c02
.....auugguuaagauauugcauU.....	1	1	c02
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.....Guugguuaagauauugcaucgu.....	2	1	c02
.....auugguuaagauauugcaCcgu.....	1	1	c02
.....auugguuaagauauugcaucgA.....	2	1	c02
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.....auugguuaagauauuAcaucgu.....	1	1	c02
.....auugguuaagauauugcauUgu.....	1	1	c02
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.....auugguuaagauauugAaucgu.....	2	1	c02
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.....auugguuaagauauugcaucguG.....	1	1	c02
.....auugguuaagauauugcaucguc.....	7	0	c02
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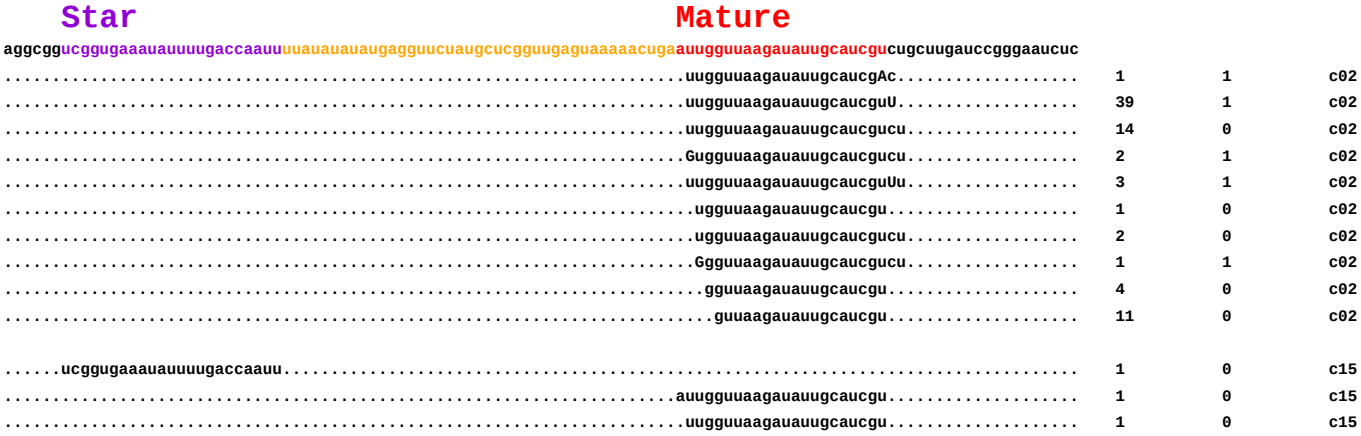
.....uugguuaagauauugcauUgu.....	1	1	c02
.....uugguuaagauauugcaucguc.....	22	0	c02
.....uugguuaagauauugcaucguA.....	1	1	c02
.....Gugguuaagauauugcaucguc.....	3	1	c02


Star
Mature
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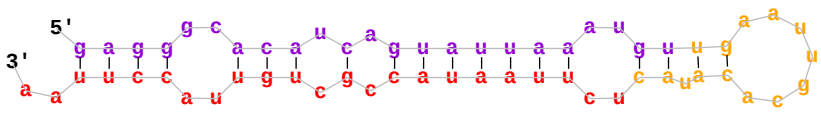
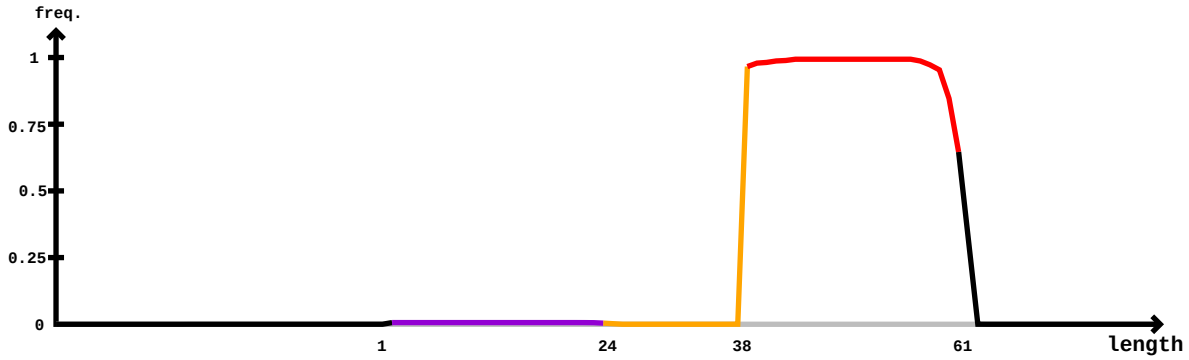
.....uugguuaagauauugcaucgAc..... 1 1 c02
.....uugguuaagauauugcaucguU..... 39 1 c02
.....uugguuaagauauugcaucgucu..... 14 0 c02
.....Gugguuaagauauugcaucgucu..... 2 1 c02
.....uugguuaagauauugcaucguUu..... 3 1 c02
.....ugguuaagauauugcaucgu..... 1 0 c02
.....ugguuaagauauugcaucgucu..... 2 0 c02
.....Gugguuaagauauugcaucgucu..... 1 1 c02
.....gguuaagauauugcaucgu..... 4 0 c02
.....guuaagauauugcaucgu..... 11 0 c02
......ucggugaaauauuuugaccaauu..... 1 0 c15
.....auugguuaagauauugcaucgu..... 1 0 c15
.....uugguuaagauauugcaucgu..... 1 0 c15

Provisional ID	:	group12_20864
Score total	:	66917.3
Score for star read(s)	:	3.9
Score for read counts	:	66909.1
Score for mfe	:	-0.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	131251
Mature read count	:	130422
Loop read count	:	0
Star read count	:	829





Star **Mature**

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5'- ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauacucuuaaauaccgcuguuaccuuaacgaugcucaguaaacgcaca -3'   obs
    ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauacucuuaaauaccgcuguuaccuuaacgaugcucaguaaacgcaca      exp
    .....(((.....)))..((((..(.((((((((((..(((.(.(((((((..((((.......)).))..)))))))..)))..)))))))))).))))..... reads  mm  sample
    ................................gagggcacaucaguauuaaau.................................................... 3      0   c16
    ................................Cagggcacaucaguauuaaaug.................................................... 1      1   c16
    ................................gagggcacaucaguauuaaaug.................................................... 13     0   c16
    ................................gagggcacaucaguauuaaaugu................................................... 13     0   c16
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.....uaauaccgcuguuaccuuaaA.....	3	1	c02
.....uaauaccgcuguuaccuuaaU.....	2	1	c02
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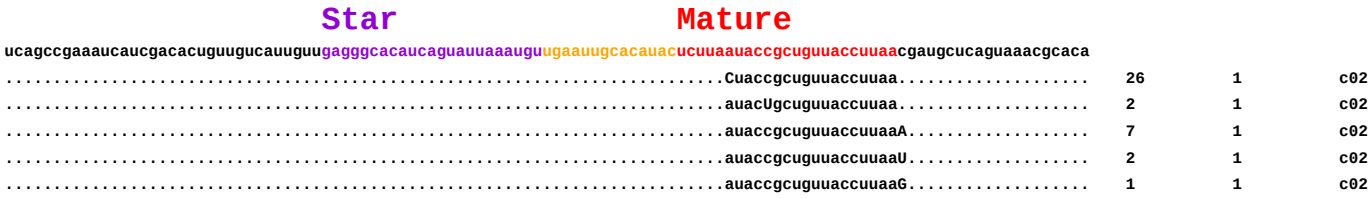
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Mature
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.....Cuaccgcuguuaccuuaa..... 26 1 c02
.....auacUgcuguuaccuuaa..... 2 1 c02
.....auaccgcuguuaccuuaaA..... 7 1 c02
.....auaccgcuguuaccuuaaU..... 2 1 c02
.....auaccgcuguuaccuuaaG..... 1 1 c02

Provisional ID	:	group12_22732
Score total	:	4.9
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
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Mature read count	:	597580
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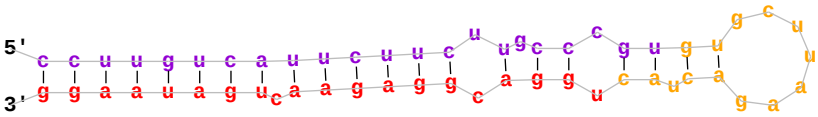
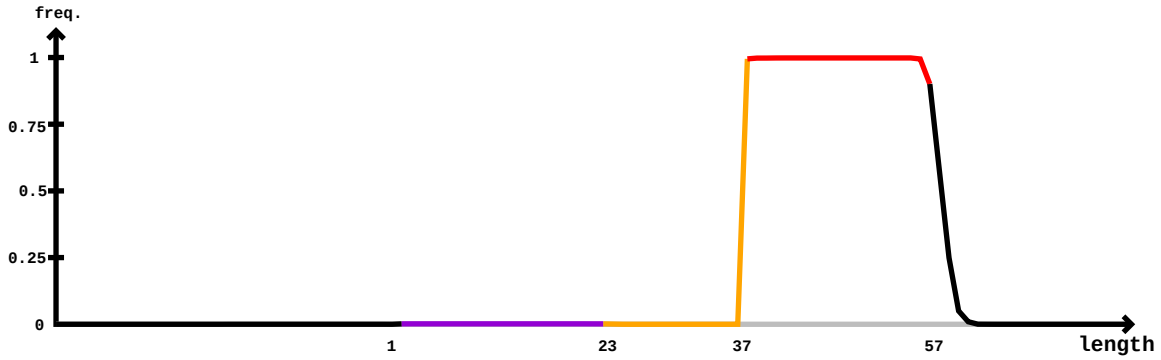
Star read count	:	936





Star **Mature**

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    cuucuagaagugaaaagaauguguugugccgugcccuugucauucuucuugcccgugugcuuaagacuacuggacggagaacugauaagggcauguccaacauaaaaucg       exp
    .................(((((((.(.((((((((((((((((((.(.((.((((.......)).)).))).)))))).))))))))))))))).))))))).....   reads   mm   sample
    ................................ccuugucauucuucuugcccU.....................................................   1       1    c09
    ................................ccuugucauucuucuugcccg.....................................................   1       0    c09
    ................................ccuugucauucuucuugcccgu....................................................   29      0    c09
    ................................ccuugucauucuucuugcccguU...................................................   2       1    c09
    ................................ccuugucauucuucuugcccguAu..................................................   1       1    c09
    ....................................................................Gacuggacggagaacugauaagg.....................   2       1    c09
    ....................................................................Gacuggacggagaacugauaagggc...................   1       1    c09
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    ....................................................................Ccuggacggagaacugauaagg.....................   1       1    c09
    ....................................................................acuggacggagaacugauaagg.....................   1       0    c09
    .....................................................................Uuggacggagaacugaua........................   1       1    c09
    .....................................................................cuggacggagaacugauaagg.....................   2       0    c09
    .....................................................................Guggacggagaacugauaagg.....................   2       1    c09
    .....................................................................cuggacggagaacugauaagggU...................   1       1    c09
    .....................................................................cuggacggagaacugauaagggc...................   1       0    c09
    ......................................................................uggacggagaacugauaC.......................   2       1    c09
    ......................................................................uUgacggagaacugauaa.......................   1       1    c09
    ......................................................................uggacggagaacugauaU.......................   3       1    c09
    ......................................................................uggaUggagaacugauaa.......................   1       1    c09
    ......................................................................uggacggagaacuAauaa.......................   1       1    c09
    .....................................................................Gggacggagaacugauaa........................   16      1    c09
    ......................................................................uggacggagaacugauaG.......................   3       1    c09
    ......................................................................uggacggaCaacugauaa.......................   1       1    c09
    ......................................................................uggacUgagaacugauaa.......................   2       1    c09
    ......................................................................uggacggagaacugaAaa.......................   1       1    c09
    .....................................................................Aggacggagaacugauaa........................   1       1    c09
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    ......................................................................uggacggagaacugauaaA......................   4       1    c09
    .....................................................................Aggacggagaacugauaag.......................   5       1    c09
    .....................................................................uggCcggagaacugauaag.......................   1       1    c09
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Star Mature

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.....uggacggagaUcugauaag.....	1	1	c09
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.....uggacggagaacuAauaag.....	1	1	c09
.....ugUacggagaacugauaag.....	2	1	c09
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.....ugCacggagaacugauaag.....	1	1	c09
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Star Mature

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Star Mature

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Star Mature

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.....uggacggagaacugauaagggAau.....	3	1	c09
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.....ggacCgagaacugauaagg.....	1	1	c16
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.....Ugacggagaacugauaaggg.....	4	1	c16
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.....uggacggagaGcugauaaggg.....	9	1	c15
.....uCgacggagaacugauaaggg.....	9	1	c15
.....ugAacggagaacugauaaggg.....	13	1	c15
.....uggacggaCaacugauaaggg.....	5	1	c15
.....uggacggagaacugauaaggU.....	664	1	c15
.....uggacggagaaAugauaaggg.....	6	1	c15
.....uggaAggagaacugauaaggg.....	2	1	c15
.....uggacgAagaacugauaaggg.....	18	1	c15
.....uggacggagaacugaGaaggg.....	7	1	c15
.....uggacggagaacugCuaaggg.....	1	1	c15
.....uggacggagaacugauaaAgg.....	7	1	c15
.....uggacggaUaacugauaaggg.....	5	1	c15
.....Cggacggagaacugauaaggg.....	67	1	c15
.....uggacggagaacugauaaggC.....	210	1	c15
.....uggacggagaacCgauaaggg.....	24	1	c15
.....uggacggagaacugauaCggg.....	5	1	c15
.....uggUcggagaacugauaaggg.....	7	1	c15
.....uggacggagaaUugauaaggg.....	28	1	c15
.....uggacggagaacugauaagUg.....	21	1	c15
.....ugUacggagaacugauaaggg.....	17	1	c15
.....ugCacggagaacugauaaggg.....	5	1	c15
.....uggacggagaacugauGaggg.....	38	1	c15
.....uggacggagaacugauaagAg.....	20	1	c15
.....uggacggagaCcugauaaggg.....	1	1	c15
.....uggacggagaacGgauaaggg.....	16	1	c15
.....uggacggagaUcugauaaggg.....	8	1	c15
.....uggGcggagaacugauaaggg.....	22	1	c15
.....uggacggagUacugauaaggg.....	6	1	c15
.....uggacggagaacugauaUggg.....	19	1	c15
.....uggacggagaacAgauaaggg.....	11	1	c15
.....uggacggagaacugauaagCg.....	10	1	c15
.....uggacggagaaGugauaaggg.....	8	1	c15
.....uggacggagaacugauaaggg.....	66872	0	c15
.....Gggacggagaacugauaaggg.....	8	1	c15
.....uggacUgagaacugauaaggg.....	19	1	c15
.....uggacggagCacugauaaggg.....	4	1	c15
.....uggacggUgaacugauaaggg.....	22	1	c15
.....uggacggagaacugaAaaggg.....	9	1	c15
.....uggacgCagaacugauaaggg.....	7	1	c15
.....uAgacggagaacugauaaggg.....	46	1	c15
.....uggacggGgaacugauaaggg.....	29	1	c15
.....uggacggagaacuAauaaggg.....	14	1	c15
.....uggacggagGacugauaaggg.....	12	1	c15
.....uggacggagaacugauaaUgg.....	16	1	c15
.....uggacCgagaacugauaaggg.....	5	1	c15
.....Aggacggagaacugauaaggg.....	56	1	c15
.....uggacggagaacugauUaggg.....	3	1	c15
.....uggacggagaacugauaaggA.....	1478	1	c15
.....uggacggagaacugUuaaggg.....	14	1	c15
.....uggaGggagaacugauaaggg.....	4	1	c15
.....uggacggagaacugauaGggg.....	15	1	c15
.....uggacggagaacugauCaggg.....	3	1	c15
.....uggacggagaacuCauaaggg.....	1	1	c15
.....uUgacggagaacugauaaggg.....	67	1	c15
.....uggacggagaacCgauaagggc.....	13	1	c15
.....uggacggagaacugUuaagggc.....	1	1	c15

Star Mature

cuucuagaagugaaaagaaugugugccgugccuugucauucuucuugcccgugugcuuaagacuacuggacggagaacugauaagggcauguccaacauaaaaucg

.....uggacggagaacugauaagggA.....	822	1	c15
.....uggacggagaacugGuaagggc.....	3	1	c15
.....uggacggagaacugauaGgggc.....	6	1	c15
.....uggacggagaacugauGagggc.....	14	1	c15
.....uggacggagaacuAauaagggc.....	8	1	c15
.....uggacggaCaacugauaagggc.....	2	1	c15
.....uggacggagUacugauaagggc.....	5	1	c15
.....Cggacggagaacugauaagggc.....	27	1	c15
.....uggacggCgaacugauaagggc.....	2	1	c15
.....uCgacggagaacugauaagggc.....	4	1	c15
.....uggacggagaacugauaaggAc.....	160	1	c15
.....uggacggaAaacugauaagggc.....	2	1	c15
.....uggacggagaacugauaagAgc.....	10	1	c15
.....uggaAggagaacugauaagggc.....	2	1	c15
.....uggacggagaacugauaUgggc.....	6	1	c15
.....uggacggagaaGugauaagggc.....	2	1	c15
.....uAgacggagaacugauaagggc.....	19	1	c15
.....uggacggagaacugauaagCgc.....	5	1	c15
.....uggUcggagaacugauaagggc.....	6	1	c15
.....uggacggagaacugauaaggUc.....	16	1	c15
.....uggGcggagaacugauaagggc.....	16	1	c15
.....uggacggagGacugauaagggc.....	8	1	c15
.....uggacgCagaacugauaagggc.....	2	1	c15
.....uggaGggagaacugauaagggc.....	1	1	c15
.....uggacggagaacugaGaagggc.....	3	1	c15
.....Aggacggagaacugauaagggc.....	27	1	c15
.....uggacggUgaacugauaagggc.....	11	1	c15
.....uggacggagaUcugauaagggc.....	4	1	c15
.....uggacggagaacuUauaagggc.....	3	1	c15
.....uggacggagaaUugauaagggc.....	16	1	c15
.....ugCacggagaacugauaagggc.....	7	1	c15
.....uggacAgagaacugauaagggc.....	15	1	c15
.....uggacggagaacugauaagggc.....	29346	0	c15
.....uggacggagaacuCauaagggc.....	1	1	c15
.....uggaUggagaacugauaagggc.....	22	1	c15
.....uggacggagaacugauaaUggc.....	10	1	c15
.....ugUacggagaacugauaagggc.....	10	1	c15
.....uggacggagaacugauaaAggc.....	5	1	c15
.....uggacggagaacugauUagggc.....	6	1	c15
.....uggacggagaacugaCaagggc.....	4	1	c15
.....uggacggagaacGgauaagggc.....	6	1	c15
.....uggacggagaacugauaaCggc.....	1	1	c15
.....uggacggagaacAgauaagggc.....	6	1	c15
.....uUgacggagaacugauaagggc.....	19	1	c15
.....uggacggagaacugauaagUgc.....	12	1	c15
.....uggacggagaacugauaagggG.....	10	1	c15
.....ugAacggagaacugauaagggc.....	9	1	c15
.....uggacggaUaacugauaagggc.....	5	1	c15
.....uggacggagaaAugauaagggc.....	1	1	c15
.....uggacUgagaacugauaagggc.....	9	1	c15
.....uggacggagaacugaAaagggc.....	7	1	c15
.....uggacggagaacugauaagggU.....	2091	1	c15
.....Gggacggagaacugauaagggc.....	8	1	c15
.....uggacgUagaacugauaagggc.....	2	1	c15
.....uggacgAagaacugauaagggc.....	4	1	c15
.....uggacggagaacugauaCgggc.....	5	1	c15
.....uggacggagaacugauaaggCc.....	3	1	c15
.....uggacggGgaacugauaagggc.....	17	1	c15
.....uggacggagaGcugauaagggc.....	3	1	c15
.....uggacCgagaacugauaagggc.....	5	1	c15
.....uUgacggagaacugauaagggca.....	2	1	c15
.....uggacggagaacGgauaagggca.....	1	1	c15
.....uggacggagaacugauaagggUa.....	59	1	c15
.....uggacggGgaacugauaagggca.....	1	1	c15
.....Cggacggagaacugauaagggca.....	1	1	c15
.....Aggacggagaacugauaagggca.....	2	1	c15
.....uggacAgagaacugauaagggca.....	1	1	c15
.....uggacggagaacugauGagggca.....	1	1	c15
.....uggacggagaacugauaaggUca.....	2	1	c15
.....uggacggagaacugauaagggcU.....	10121	1	c15

Star Mature

cuucuagaagugaaaagaauguguugugccgugccuuugucauucuucuugcccgugugcuuaagacuacuggacggagaacugauaagggcauguccaacauaaaaucg

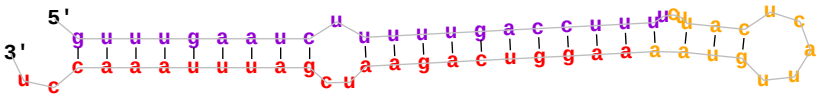
.....uggacggagaacugauaagUgca.....	2	1	c15
.....ugCacggagaacugauaagggca.....	1	1	c15
.....uggacggagaacugauaagggAa.....	52	1	c15
.....uggacggagaacugauaagggcG.....	70	1	c15
.....uggacggagaacugauaagggcC.....	200	1	c15
.....uggacggagUacugauaagggca.....	1	1	c15
.....Gggacggagaacugauaagggca.....	1	1	c15
.....uggacggagaacugauaUgggca.....	1	1	c15
.....uggacggagaacugauaaggCca.....	1	1	c15
.....uggacggagaacugauaagggca.....	1215	0	c15
.....uggacggagaacugauaagAgca.....	1	1	c15
.....uggacggagaacugauaaggAca.....	2	1	c15
.....uggacggagaacugauaagggcau.....	407	0	c15
.....uggacggagaacugauaagggcaC.....	8	1	c15
.....Cggacggagaacugauaagggcau.....	1	1	c15
.....uggacggagaacugauaagggcUu.....	1782	1	c15
.....uggacggagaacugauaagggUau.....	79	1	c15
.....uggacggagaacugauaagggcaG.....	1	1	c15
.....uggacggagaacugauaagggAau.....	8	1	c15
.....uggacggagaacuUauaagggcau.....	1	1	c15
.....uggacggagaacugauaagggcaA.....	58	1	c15
.....uggacggagaacugauGagggcau.....	1	1	c15
.....uggacggagaacugauaaUggcau.....	1	1	c15
.....uggacgAagaacugauaagggcau.....	1	1	c15
.....uggacggagaacugauaagggcCu.....	22	1	c15
.....uggacggagaacugauaagggcGu.....	6	1	c15
.....uggacggagaacugauaagggcauA.....	4	1	c15
.....uggacggagaacugauaagggcauU.....	21	1	c15
.....uggacggagaacugauaagggcUug.....	2	1	c15
.....uggacggagaacugauaagggGaug.....	2	1	c15
.....uggacggagaacugauaagggcCug.....	1	1	c15
.....uggacggagaacugauaagggcauC.....	1	1	c15
.....uggacggagaacugauaagggcauUu.....	11	1	c15
.....uggacggagaacugauaagggcauCu.....	1	1	c15
.....uggacggagaacugauaagggcUugu.....	1	1	c15
.....uggacggagaacugauaagggcauAu.....	2	1	c15
.....Agacggagaacugauaag.....	1	1	c15
.....ggacggagaacugauaag.....	81	0	c15
.....ggacggagaacCgauaagg.....	2	1	c15
.....ggacggagUacugauaagg.....	1	1	c15
.....ggacggagaacugauaagC.....	2	1	c15
.....ggacgAagaacugauaagg.....	1	1	c15
.....Ugacggagaacugauaagg.....	11	1	c15
.....ggacggagaacAgauaagg.....	1	1	c15
.....ggacggagaaAugauaagg.....	1	1	c15
.....ggacggagaacugauaaAg.....	1	1	c15
.....ggacggGgaacugauaagg.....	1	1	c15
.....ggacgUagaacugauaagg.....	1	1	c15
.....ggacggagaacugauGagg.....	1	1	c15
.....ggacggagGacugauaagg.....	2	1	c15
.....ggacggagaacugauaagg.....	788	0	c15
.....Agacggagaacugauaagg.....	1	1	c15
.....ggacggagaacugauaagA.....	7	1	c15
.....ggacggagaacugauaaUg.....	1	1	c15
.....ggacggagaacugauaagUg.....	1	1	c15
.....gUacggagaacugauaaggg.....	1	1	c15
.....ggacggGgaacugauaaggg.....	1	1	c15
.....ggacggagaacugauaaggA.....	8	1	c15
.....ggacggagaGcugauaaggg.....	1	1	c15
.....ggacggagaacCgauaaggg.....	1	1	c15
.....ggacggagaacugauaaggU.....	6	1	c15
.....Ugacggagaacugauaaggg.....	3	1	c15
.....ggacggagaacugauaaggg.....	346	0	c15
.....ggacggagaacuAauaaggg.....	1	1	c15
.....gAacggagaacugauaaggg.....	1	1	c15
.....ggacggagaacGgauaaggg.....	1	1	c15
.....ggacggagaacugauaGggg.....	2	1	c15
.....ggacggGgaacugauaagggc.....	1	1	c15
.....ggacggagaacGgauaagggc.....	1	1	c15
.....ggacggagaacugauaagggc.....	147	0	c15

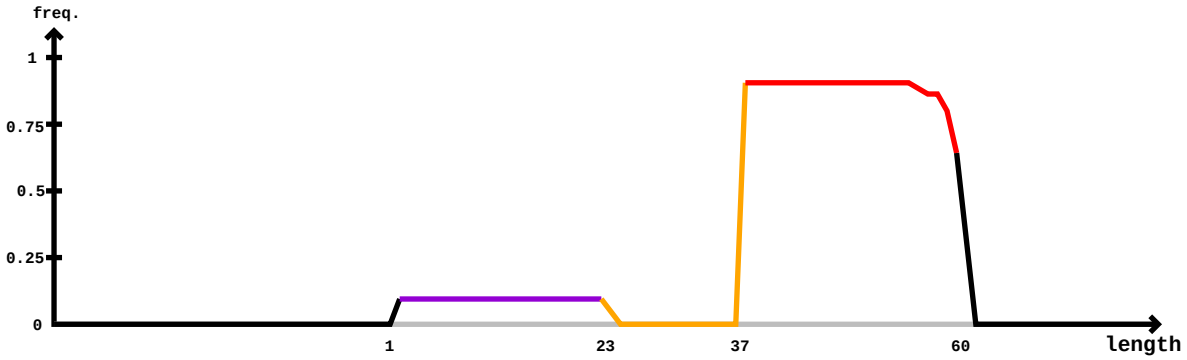
Star Mature

cuucuagaagugaaaagaauguguugugccgugccuuugucauucuucuugcccgugugcuuaagacuacuggacggagaacugauaagggcauguccaacauaaaaucg

.....ggacggagaacugauaagggA.....	3	1	c15
.....ggGcggagaacugauaagggc.....	1	1	c15
.....gUacggagaacugauaagggc.....	1	1	c15
.....ggacggagaacugauaagggU.....	13	1	c15
.....ggacggagaacugauaaggUc.....	1	1	c15
.....Ugacggagaacugauaagggc.....	3	1	c15
.....ggacggagaacugauaagggcU.....	50	1	c15
.....ggacggagaacugauaagggca.....	4	0	c15
.....ggacggagaacugauaagggcau.....	5	0	c15
.....ggacggagaacugauaagggcUu.....	9	1	c15
.....gacggagaacugauaagg.....	9	0	c15
.....gacggagaacugauaagC.....	1	1	c15
.....gacggagaacugauaaggg.....	5	0	c15
.....gacggagaacugauaagggc.....	4	0	c15
.....gacggagaacugauaagggcU.....	1	1	c15
.....acggagaacugaGaaggg.....	1	1	c15
.....acggagaacugauaaggU.....	1	1	c15
.....acggagaacugauaaggg.....	27	0	c15
.....Ucggagaacugauaaggg.....	1	1	c15
.....acggagaacugauaagggc.....	7	0	c15
.....acggagaacugauaagggcU.....	1	1	c15
.....cggagaacugauaagggc.....	3	0	c15
.....cggagaacugauaagggcU.....	1	1	c15
.....ggagaacugauaagggca.....	1	0	c15

Provisional ID	:	group1_2240
Score total	:	48.1
Score for star read(s)	:	3.9
Score for read counts	:	42.4
Score for mfe	:	0.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	95
Mature read count	:	86
Loop read count	:	0
Star read count	:	9





Star **Mature**

```
5'- ggaagaaguuuauuuggacauaaacggcgcuaaaguuugaaucuuuuugaccuuuucuuacucauuguaaaaggucagaaucgauuuaaaccuuagagugacguuuacacagc  -3'   obs
    ggaagaaguuuauuuggacauaaacggcgcuaaaguuugaaucuuuuugaccuuuucuuacucauuguaaaaggucagaaucgauuuaaaccuuagagugacguuuacacagc        exp
    .......((((....)))).(((((((((.((((.(((((((((.(((((((((((...(((.....)))))))))))))))..)))))))))..)))).))..))))))......  reads    mm    sample
    ................................guuugaaucuuuuugaccuuuu.....................................................................  2        0     c09
    ..........................................................................aaggucagaaucgauuuaaac.....................  2        0     c09
    ..........................................................................Caggucagaaucgauuuaaacc....................  1        1     c09
    ..........................................................................aaggucagaaucgauuuaaacc....................  11       0     c09
    ..........................................................................Caggucagaaucgauuuaaaccu...................  1        1     c09
    ..........................................................................aaggucagaaucgauuuaaaccu...................  31       0     c09

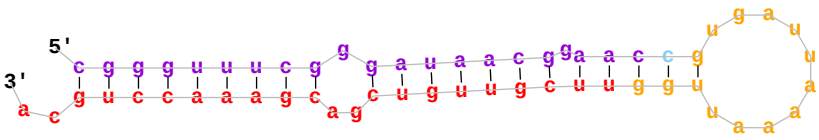
    ..........................................................................aaggucagaaucgauuuaaac.....................  1        0     c04

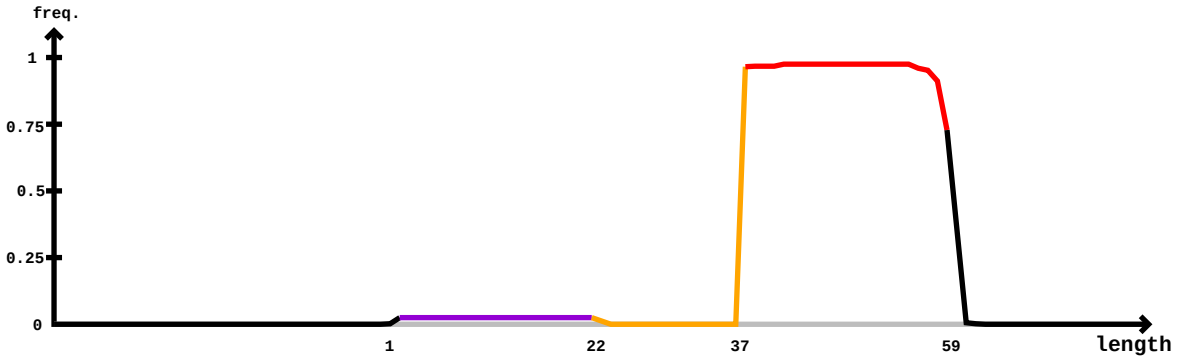
    ..........................................................................aaggucagaaucgauuuU........................  2        1     c16
    ..........................................................................aaggucagaaucgauuuaaaccu...................  3        0     c16

    ................................guuugaaucuuuuugaccuuuu.....................................................................  1        0     c15

    ................................guuugaaucuuuuugaccuuuu.....................................................................  6        0     c02
    ..........................................................................aaggucagaaucgauuuaa.......................  2        0     c02
    ..........................................................................aaggucagaaucgauuuaaac.....................  3        0     c02
    ..........................................................................aaggucagaaucgauuuaaacc....................  3        0     c02
    ..........................................................................aGggucagaaucgauuuaaaccu...................  1        1     c02
    ..........................................................................aaggucagaaucgauuuaaaccu...................  22       0     c02
    ..........................................................................Caggucagaaucgauuuaaaccu...................  1        1     c02
    ..........................................................................aaggucagaaucgauuuaaaccuu..................  1        0     c02
    ..........................................................................aaggucagaaucgauuuaaaccuG..................  1        1     c02
```

Provisional ID	:	group1_2244
Score total	:	270.6
Score for star read(s)	:	3.9
Score for read counts	:	260.1
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	522
Mature read count	:	509
Loop read count	:	0
Star read count	:	13





Star **Mature**

```
5'- caugaagauguuuaugaagaauccgcauauaaauucggguuucgggauaacggaaccgugauuaaaauugguucguugucgacgaaaccugcaaaaugugcggugaacgucac  -3'   obs
    caugaagauguuuaugaagaauccgcauauaaauucggguuucgggauaacggaaccgugauuaaaauugguucguugucgacgaaaccugcaaaaugugcggugaacgucac        exp
    ......(((((((((........(((((((((....(((((((((.(((((((.(((((..........)))))))))))))..)))))))))....))))))))))))))..  reads      mm        sample
    ..........................................................Gucguugucgacgaaaccug.....................  1          1         c02
    ..........................................................uucguugucgacgaaaccug.....................  3          0         c02
    ..........................................................uucguugucgacgaaaccugc....................  1          0         c02
    ..........................................................uucguugucgacgaaaccugca...................  6          0         c02
    ..........................................................Gucguugucgacgaaaccugca...................  1          1         c02
    ..........................................................uucguugucgacgaaaccugcaU..................  1          1         c02
    ..........................................................Gcguugucgacgaaaccugca....................  1          1         c02
    ..........................................................uugucgacgaaaccugca.......................  2          0         c02

    ..............................ucggguuucgggauaacggaac.....................................................  1          0         c15
    ..............................cggguuucgggauaacggaac.....................................................  8          0         c15
    ..............................cggguuucgggauaacggaaU.....................................................  3          1         c15
    ..............................cggguuucgggauaacggaacA....................................................  1          1         c15
    ..........................................................uucguugucgacgaaacc.......................  4          0         c15
    ..........................................................uucguugucgacgaaaccu......................  1          0         c15
    ..........................................................uucguugucgacgaaaccuA.....................  1          1         c15
    ..........................................................uucguugucgacgaaaccug.....................  3          0         c15
    ..........................................................uucguugucgacgaaaccugA....................  1          1         c15
    ..........................................................uucguugucgacgaaaccugc....................  56         0         c15
    ..........................................................uucguugucgacgaaaccuAc....................  1          1         c15
    ..........................................................uucguugucgacgaaaccugU....................  1          1         c15
    ..........................................................uucAuugucgacgaaaccugc....................  1          1         c15
    ..........................................................uucguugucgacgaaaccugcU...................  3          1         c15
    ..........................................................uucguugucgacgaaaccuCca...................  2          1         c15
    ..........................................................Aucguugucgacgaaaccugca....................  1          1         c15
    ..........................................................uucguugucgacgaaaccugca...................  245        0         c15
    ..........................................................uucguugucgacgaaaccugAa...................  1          1         c15
    ..........................................................uucguugucgacgaaaccugcaU..................  17         1         c15
    ..........................................................uucguugucgacgaaaccugcaa...................  7          0         c15
    ..........................................................uucguugucgacgaaaccugcaaa..................  1          0         c15

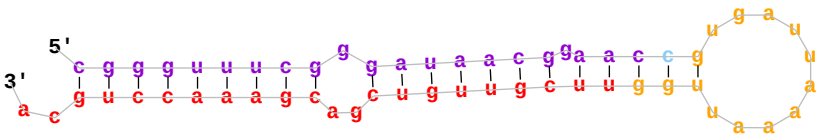
    ..........................................................uucguugucgacgaaaUc.......................  1          1         c09
    ..........................................................uucguugucgacgaaacc.......................  3          0         c09
```

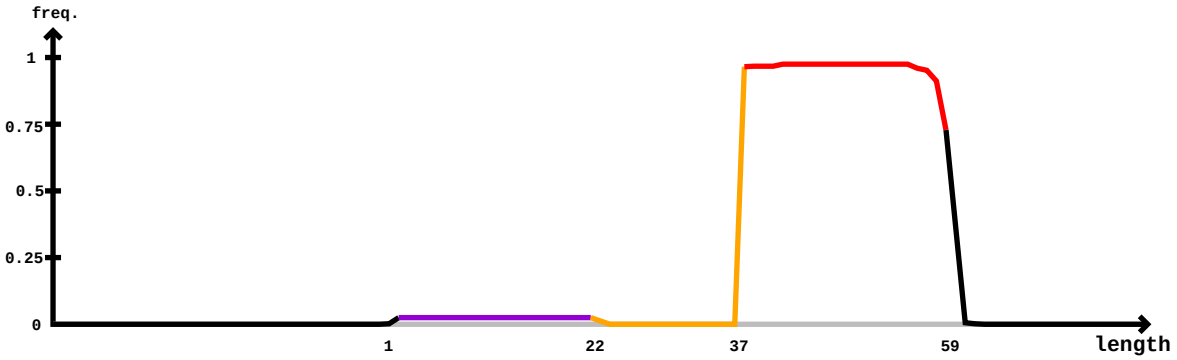
Star Mature

caugaagauguuuaugaagaauccgcauauaaauucggguuucgggauaacggaaccgugauuaaaauuggguucguugucgacgaaaccugcaaaaugugcggugaacgucac

.....uucguugucgacgaaaccu.....	3	0	c09
.....uucguugucgacgaaaccug.....	9	0	c09
.....Gucguugucgacgaaaccugc.....	1	1	c09
.....uucguugucgacgaaaccugc.....	27	0	c09
.....uucguugucgacgaaaccugU.....	3	1	c09
.....uucguugucgCcgaaaccugc.....	1	1	c09
.....uucguugucgacgaaaccugcU.....	1	1	c09
.....uucguugucgacgaaaccugca.....	54	0	c09
.....uucguugucAacgaaaccugca.....	1	1	c09
.....Gucguugucgacgaaaccugca.....	1	1	c09
.....uucguugucgacgaaaccugcaa.....	2	0	c09
.....uucguugucgacgaaaccugcaG.....	1	1	c09
.....uucguugucgacgaaaccugcaU.....	1	1	c09
.....uucguugucgacgaaaccugcaaa.....	1	0	c09
.....uucguugucgacgaaaccugcaaaa.....	1	0	c09
.....uugucgacgaaaccugca.....	2	0	c09
.....uucguugucgacgaaaccugca.....	5	0	c04
.....uucguugucgacgaaaccug.....	4	0	c16
.....uucguugucgacgaaaccugc.....	3	0	c16
.....uucguugucgacgaaaccugcU.....	1	1	c16
.....Gucguugucgacgaaaccugca.....	2	1	c16
.....uucguugucgacgaaaccugca.....	18	0	c16
.....uucguugucgacgaaaccugcaa.....	1	0	c16

Provisional ID	:	group1_2246
Score total	:	270.6
Score for star read(s)	:	3.9
Score for read counts	:	260.1
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	522
Mature read count	:	509
Loop read count	:	0
Star read count	:	13





Star **Mature**

```
5'- caugaagauguuuaugaagaauccgcauauaaauucggguuucgggauaacggaaccgugauuaaaauugguucguugucgacgaaaccugcaaaaugugcggugaacgucac  -3'   obs
    caugaagauguuuaugaagaauccgcauauaaauucggguuucgggauaacggaaccgugauuaaaauugguucguugucgacgaaaccugcaaaaugugcggugaacgucac        exp
    ......(((((((((........(((((((((....(((((((((.(((((((.(((((..........)))))))))))))..)))))))))....)))))))))))))..  reads      mm        sample
    ..........................................................................uucguugucgacgaaaccug.....................  4          0         c16
    ..........................................................................uucguugucgacgaaaccugc....................  3          0         c16
    ..........................................................................uucguugucgacgaaaccugca...................  18         0         c16
    ..........................................................................uucguugucgacgaaaccugcU...................  1          1         c16
    ..........................................................................Gucguugucgacgaaaccugca...................  2          1         c16
    ..........................................................................uucguugucgacgaaaccugcaa..................  1          0         c16

    ..........................................................................uucguugucgacgaaaccugca...................  5          0         c04

    ..........................................................................uucguugucgacgaaaUc.......................  1          1         c09
    ..........................................................................uucguugucgacgaaacc.......................  3          0         c09
    ..........................................................................uucguugucgacgaaaccu......................  3          0         c09
    ..........................................................................uucguugucgacgaaaccug.....................  9          0         c09
    ..........................................................................Gucguugucgacgaaaccugc....................  1          1         c09
    ..........................................................................uucguugucgCcgaaaccugc....................  1          1         c09
    ..........................................................................uucguugucgacgaaaccugc....................  27         0         c09
    ..........................................................................uucguugucgacgaaaccugU....................  3          1         c09
    ..........................................................................uucguugucgacgaaaccugca...................  54         0         c09
    ..........................................................................uucguugucgacgaaaccugcU...................  1          1         c09
    ..........................................................................uucguugucAacgaaaccugca...................  1          1         c09
    ..........................................................................Gucguugucgacgaaaccugca...................  1          1         c09
    ..........................................................................uucguugucgacgaaaccugcaa..................  2          0         c09
    ..........................................................................uucguugucgacgaaaccugcaU..................  1          1         c09
    ..........................................................................uucguugucgacgaaaccugcaG..................  1          1         c09
    ..........................................................................uucguugucgacgaaaccugcaaa.................  1          0         c09
    ..........................................................................uucguugucgacgaaaccugcaaaa................  1          0         c09
    ..........................................................................uugucgacgaaaccugca.......................  2          0         c09

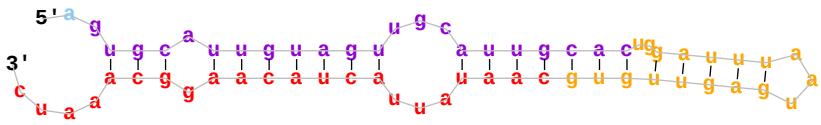
    ................................ucggguuucgggauaacggaac....................................................................  1          0         c15
    ................................cggguuucgggauaacggaaU....................................................................  3          1         c15
    ................................cggguuucgggauaacggaac.....................................................................  8          0         c15
    ................................cggguuucgggauaacggaacA....................................................................  1          1         c15
    ..........................................................................uucguugucgacgaaacc.......................  4          0         c15
```

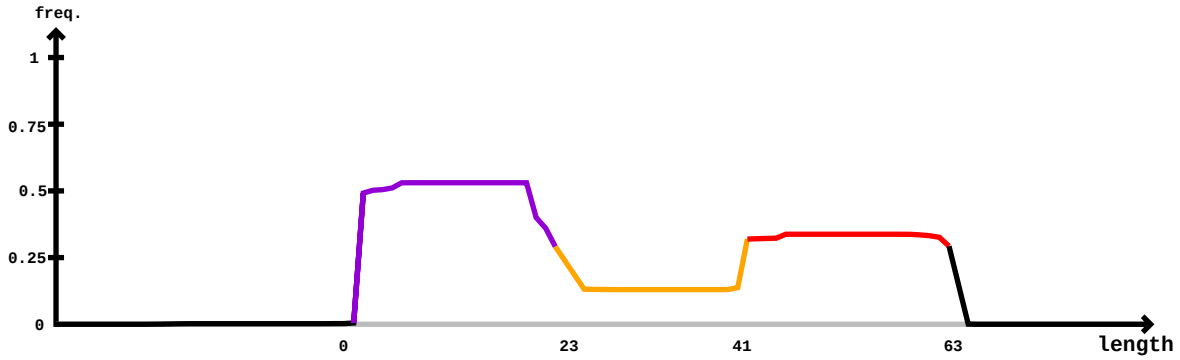
Star Mature

caugaagauguuuaugaagaauccgcauauaaauucggguuucgggauaacggaaccgugauuaaaauugguucguugucgacgaaaccugcaaaaugugcggugaacgucac

.....uucguugucgacgaaaccu.....	1	0	c15
.....uucguugucgacgaaaccuA.....	1	1	c15
.....uucguugucgacgaaaccug.....	3	0	c15
.....uucAuugucgacgaaaccugc.....	1	1	c15
.....uucguugucgacgaaaccugU.....	1	1	c15
.....uucguugucgacgaaaccugc.....	56	0	c15
.....uucguugucgacgaaaccuAc.....	1	1	c15
.....uucguugucgacgaaaccugA.....	1	1	c15
.....uucguugucgacgaaaccugAa.....	1	1	c15
.....uucguugucgacgaaaccugca.....	245	0	c15
.....Aucguugucgacgaaaccugca.....	1	1	c15
.....uucguugucgacgaaaccuCca.....	2	1	c15
.....uucguugucgacgaaaccugcU.....	3	1	c15
.....uucguugucgacgaaaccugcaU.....	17	1	c15
.....uucguugucgacgaaaccugcaa.....	7	0	c15
.....uucguugucgacgaaaccugcaaa.....	1	0	c15
.....Gucguugucgacgaaaccug.....	1	1	c02
.....uucguugucgacgaaaccug.....	3	0	c02
.....uucguugucgacgaaaccugc.....	1	0	c02
.....uucguugucgacgaaaccugca.....	6	0	c02
.....Gucguugucgacgaaaccugca.....	1	1	c02
.....uucguugucgacgaaaccugcaU.....	1	1	c02
.....Gcguugucgacgaaaccugca.....	1	1	c02
.....uugucgacgaaaccugca.....	2	0	c02

Provisional ID	:	group1_2282
Score total	:	3439.5
Score for star read(s)	:	3.9
Score for read counts	:	3430.2
Score for mfe	:	0.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	6740
Mature read count	:	2279
Loop read count	:	877
Star read count	:	3584





Star **Mature**

```
5'- aagaauccucaagauaugacuauuacgggagugcauuguaguugcauugcacuggauuuaaugaguugugcaauauuacuacaaggcaaaucucgcauuaguuacacacauc  -3'   obs
    aagaauccucaagauaugacuauuacgggagugcauuguaguugcauugcacuggauuuaaugaguugugcaauauuacuacaaggcaaaucucgcauuaguuacacacauc        exp
    ..............((((((...(((((.(((.(((((((...(((((((..(((((...)))))))))))...)))))))..)))..)))))...))))))........  reads   mm   sample
    ............................gugcauuguaguugcauu.....................................................................  7       0    c02
    ............................gugcauuguaguugcauug.....................................................................  3       0    c02
    ............................gugcauuguaguugcauugc....................................................................  2       0    c02
    ............................gCgcauuguaguugcauugca...................................................................  1       1    c02
    ............................gugcauuguaguugcauugcU...................................................................  1       1    c02
    ............................gugcauuguaguugcauugca...................................................................  1       0    c02
    ............................gugcauuguaguugcauugAac..................................................................  1       1    c02
    ............................gugcauuguaguugcauugcac..................................................................  5       0    c02
    ............................gugcauuguaguugcauugcacA.................................................................  3       1    c02
    ...........................ugcauuguaguugcauug.......................................................................  1       0    c02
    ...........................uUcauuguaguugcauugca....................................................................  2       1    c02
    ..........................cauuguaguugcauugcac......................................................................  1       0    c02
    ..........................Cuuguaguugcauugcac......................................................................  1       1    c02
    ..........................auuguaguugcauugcac......................................................................  1       0    c02
    ....................................................cuggauuuaaugaguugu.....................................................  2       0    c02
    ....................................................cuggauuuaaugaCuugug....................................................  1       1    c02
    ....................................................cuggauuuaaugaguugug....................................................  25      0    c02
    ....................................................cuggauuuaauCaguugug....................................................  1       1    c02
    ..........................................................................caauauuacuacaaggcaa.....................  1       0    c02
    ..........................................................................caauauuacuacaaggcaaauc..................  24      0    c02
    ..................................................................................auuacuacaaggcaaauc..............  1       0    c02

    ........ucaagauaugacuauuacggga..........................................................................................  2       0    c15
    ..........aagauaugacuauuacggga..........................................................................................  3       0    c15
    ............agauaugacuauuacggga..........................................................................................  2       0    c15
    ............................agugcauuguaguugcauugc....................................................................  1       0    c15
    ............................gugcauuguaguugcauug.....................................................................  2       0    c15
    ............................gugcauuguaguugcauugc....................................................................  53      0    c15
    ............................gugcauuguaguugcauugA....................................................................  1       1    c15
    ............................gAgcauuguaguugcauugc....................................................................  1       1    c15
    ............................gugcauuguaAuugcauugca...................................................................  1       1    c15
    ............................guCcauuguaguugcauugca...................................................................  1       1    c15
    ............................gugcauuguaUuugcauugca...................................................................  1       1    c15
```

Star Mature

aagaauccucaagauaugacuauuacgggagugcauuguaguugcauugcacuggauuuaaugaguugugcaauauuacuacaaggcaaaucucgcauuaguuacacacauc

.....gugcauuguaguugcauugcU.....	2	1	c15
.....Uugcauuguaguugcauugca.....	1	1	c15
.....gugcauuguaguugcauCgca.....	1	1	c15
.....gugcauuguaguugcauugca.....	65	0	c15
.....gugUauuguaguugcauugca.....	3	1	c15
.....gugcauuguaguugcauugcac.....	3	0	c15
.....gugcauuguaguugcauugcaU.....	1	1	c15
.....gugcauuguaguugcauugcaA.....	3	1	c15
.....Augcauuguaguugcauugcac.....	1	1	c15
.....gugcauuguaguugcauugcaAu.....	1	1	c15
.....ugcauuguaguugcauugcac.....	52	0	c15
.....ugcauuguaguugcauugcacu.....	1	0	c15
.....gcauuguaguugcauugcac.....	3	0	c15
.....cauuguaguugcauugcac.....	1	0	c15
.....auuguaguugcauugcaU.....	1	1	c15
.....auuguaguugcauugcac.....	4	0	c15
.....cuggauuuaaugaguCgug.....	1	1	c15
.....cuggauuuaaugaguugug.....	78	0	c15
.....cuggauuuaaugaguugugU.....	6	1	c15
.....uggauuuaaugaguuguAca.....	1	1	c15
.....ugcaauauuacuacaaggcaa.....	1	0	c15
.....gcaauauuacuacaaggc.....	2	0	c15
.....gcaauauuacuacaaggcaaa.....	1	0	c15
.....gcaauauuacuacaaggcaaau.....	6	0	c15
.....gcaauauuacuacaaggcaaauc.....	21	0	c15
.....Ucaauauuacuacaaggcaaauc.....	1	1	c15
.....caauauuacuacaaggca.....	4	0	c15
.....caauauuacuacaaggcaa.....	2	0	c15
.....caauauuacuacaaggcaaa.....	18	0	c15
.....caauauuacuacaaggcaaaA.....	2	1	c15
.....caauauuacuacGaggcaaau.....	1	1	c15
.....caauauuacuacaaggcaaau.....	125	0	c15
.....caauauuacuacaaggcaaaCc.....	1	1	c15
.....caauauuacuacGaggcaaauc.....	1	1	c15
.....caauauuacuacaaggcaUauc.....	1	1	c15
.....caauauuacuaAaaggcaaauc.....	1	1	c15
.....Aaauauuacuacaaggcaaauc.....	2	1	c15
.....Uaauauuacuacaaggcaaauc.....	1	1	c15
.....caauauuacuacaaggcaaauU.....	2	1	c15
.....caauauuacuacaaggcaaauc.....	549	0	c15
.....caauauuacuacaaggcaaGuc.....	2	1	c15
.....caauauuacuacaaUgcaaauc.....	1	1	c15
.....caauauuaUuacaaggcaaauc.....	1	1	c15
.....caauauuacuacaaggcaaaucA.....	1	1	c15
.....caauauuacuacaaggcaaaucu.....	5	0	c15
.....aauauuacuacaaggcaaau.....	3	0	c15
.....aauauuacuacaaggcaaauc.....	7	0	c15

.....caagauaugacuauuacggga.....	2	0	c16
.....aagauaugacuauuacggga.....	1	0	c16
.....agauaugacuauuacggga.....	2	0	c16
.....gauaugacuauuacggga.....	2	0	c16
.....ggUgugcauuguaguugcauu.....	2	1	c16
.....gaAugcauuguaguugcauugca.....	1	1	c16
.....agugcauuguaguugcau.....	1	0	c16
.....Cgugcauuguaguugcauu.....	2	1	c16
.....aUugcauuguaguugcauu.....	2	1	c16
.....agugcauuguaguugcauu.....	2	0	c16
.....Cgugcauuguaguugcauugc.....	1	1	c16
.....agugcauuguaguugcauugc.....	5	0	c16
.....aUugcauuguaguugcauugca.....	1	1	c16
.....aAugcauuguaguugcauugcac.....	1	1	c16
.....gGgcauuguaguugcauu.....	2	1	c16
.....gugcauuguaUuugcauu.....	1	1	c16
.....gugcauCguaguugcauu.....	1	1	c16
.....gugcauuguaguugUauu.....	2	1	c16
.....guCcauuguaguugcauu.....	1	1	c16
.....gugUauuguaguugcauu.....	2	1	c16
.....gugAauuguaguugcauu.....	2	1	c16
.....gugcauuguaguAgcauu.....	2	1	c16

Star Mature

aagaauccucaagauaugacuauuacgggagugcauuguaguugcauugcacuggauuuaaugaguugugcaauauuacuacaaggcaaaucucgcauuaguuacacacauc

.....Uugcauuguaguugcauu.....	4	1	c16
.....gugcauuguaguugcaAu.....	1	1	c16
.....gugcauuguagAugcauu.....	1	1	c16
.....Cugcauuguaguugcauu.....	6	1	c16
.....gugcauuguaguugcauu.....	757	0	c16
.....gugcauuguaguugcaAug.....	1	1	c16
.....gugcauuguaguugcauuU.....	3	1	c16
.....gugcauuguagAugcauug.....	1	1	c16
.....gugcauuguaguugcauCg.....	1	1	c16
.....guCcauuguaguugcauug.....	1	1	c16
.....Cugcauuguaguugcauug.....	4	1	c16
.....gugcauuguaguugcaGug.....	2	1	c16
.....gugcauuCuaguugcauug.....	1	1	c16
.....gugcauuguaguugcauuA.....	1	1	c16
.....gugcauuguaguuAcauug.....	1	1	c16
.....gugGauuguaguugcauug.....	1	1	c16
.....gugcauuguaguugcauuC.....	2	1	c16
.....gugcauuUuaguugcauug.....	1	1	c16
.....Uugcauuguaguugcauug.....	2	1	c16
.....gugcauuguaguugcauug.....	242	0	c16
.....Cugcauuguaguugcauugc.....	4	1	c16
.....gugcauuguGguugcauugc.....	1	1	c16
.....gugcauuguaguugcauugc.....	373	0	c16
.....gugcauuguaguugcauugG.....	1	1	c16
.....gugUauuguaguugcauugc.....	3	1	c16
.....gugcauuguaguAgcauugc.....	1	1	c16
.....Uugcauuguaguugcauugc.....	2	1	c16
.....gugcauuguaguugcauugU.....	3	1	c16
.....guCcauuguaguugcauugc.....	1	1	c16
.....gugcauuguaguugcauuUc.....	1	1	c16
.....gugcauuCuaguugcauugc.....	1	1	c16
.....gugcauuguaguugcUuugca.....	1	1	c16
.....gugcauuguaguugcGuugca.....	1	1	c16
.....gugUauuguaguugcauugca.....	3	1	c16
.....Uugcauuguaguugcauugca.....	6	1	c16
.....gugcauuguaguugUauugca.....	1	1	c16
.....gugcauuguaguugGauugca.....	1	1	c16
.....gugcauuguaguugcauugcG.....	1	1	c16
.....gugcauuguaguugcauugUa.....	1	1	c16
.....gugcauuguaguugcauugcC.....	1	1	c16
.....gugcauuguaguugcauugca.....	460	0	c16
.....guCcauuguaguugcauugca.....	1	1	c16
.....gugcauuguaguugcauugcU.....	13	1	c16
.....Cugcauuguaguugcauugca.....	1	1	c16
.....gugcaAuguaguugcauugca.....	1	1	c16
.....gugcauuguaguugcauuUca.....	1	1	c16
.....gugcauuguaguugcauugAa.....	1	1	c16
.....gugcauuguaguAgcauugca.....	1	1	c16
.....guUcauuguaguugcauugca.....	1	1	c16
.....gGgcauuguaguugcauugca.....	1	1	c16
.....gugcauugAaguugcauugcac.....	1	1	c16
.....Augcauuguaguugcauugcac.....	2	1	c16
.....guUcauuguaguugcauugcac.....	2	1	c16
.....gugcauuAuaguugcauugcac.....	1	1	c16
.....gugcauuguaguAgcauugcac.....	1	1	c16
.....gugcauuguaguugcauuCcac.....	1	1	c16
.....gugcauuguaguugcauAgcac.....	1	1	c16
.....gugcGuuguaguugcauugcac.....	1	1	c16
.....gugcauuguaguugcauugcac.....	909	0	c16
.....gugcauuguaguugcauugUac.....	2	1	c16
.....gugcauuguaguugcauuAcac.....	2	1	c16
.....gCgcauuguaguugcauugcac.....	2	1	c16
.....Cugcauuguaguugcauugcac.....	15	1	c16
.....gugcauuguaguugcauugGac.....	3	1	c16
.....gugcauuguaguugcauugcCc.....	3	1	c16
.....gugcauuguaguugcauugcUc.....	1	1	c16
.....guAcauuguaguugcauugcac.....	1	1	c16
.....Uugcauuguaguugcauugcac.....	5	1	c16
.....gugcauuguaguugUauugcac.....	1	1	c16
.....gugcauuguUguugcauugcac.....	1	1	c16

Star Mature

aagaauccucaagauaugacuauuacgggagugcauuguaguugcauugcacuggauuuaaugaguugugcaauauuacuacaaggcaaaucucgcauuaguuacacacauc

..........gugcauuguaguugcauugcaA..........	17	1	c16
..........gugUauuguaguugcauugcac..........	18	1	c16
..........gugcauuguaguugcauugcaU..........	3	1	c16
..........gugcauuguaguugcauugcacu..........	24	0	c16
..........gugcauuguaguugcaAugcacu..........	1	1	c16
..........Uugcauuguaguugcauugcacu..........	1	1	c16
..........gugcauuguaguugcauugcacC..........	5	1	c16
..........gugcauuguaguugcauugcacuU..........	5	1	c16
..........gugcauuguaguugcauugcacugA..........	1	1	c16
..........ugcauuguaguugcauugc..........	1	0	c16
..........Ggcauuguaguugcauugca..........	1	1	c16
..........ugcauuguaguugcauugca..........	2	0	c16
..........Ggcauuguaguugcauugcac..........	1	1	c16
..........ugcauuguaguugcauugcac..........	9	0	c16
..........gcauuguaguugcauugc..........	1	0	c16
..........gcauuguaguugcauugca..........	2	0	c16
..........gAauuguaguugcauugca..........	1	1	c16
..........gcauuguaguugcauugcac..........	6	0	c16
..........gUauuguaguugcauugcac..........	1	1	c16
..........cauuguaguugcauugca..........	7	0	c16
..........cauuguaguugcauugcac..........	24	0	c16
..........Uauuguaguugcauugcac..........	1	1	c16
..........cauuguaguugcauugcaU..........	1	1	c16
..........Aauuguaguugcauugcac..........	1	1	c16
..........cUuuguaguugcauugcac..........	1	1	c16
..........auuguaguugcauugcac..........	99	0	c16
..........auuguaAuugcauugcac..........	1	1	c16
..........Cuuguaguugcauugcac..........	2	1	c16
..........auuguaguugcauugcCc..........	1	1	c16
..........aGuguaguugcauugcac..........	1	1	c16
..........Guuguaguugcauugcac..........	1	1	c16
..........auuguaguugcaGugcac..........	1	1	c16
..........auuguaguugcauugcacu..........	2	0	c16
..........auuguaguugcauugcacugg..........	1	0	c16
..........auuguaguugcauugcacugga..........	3	0	c16
..........uuguaguugcauugcacu..........	1	0	c16
..........cuggauuuaaugaguugu..........	8	0	c16
..........cugUauuuaaugaguugu..........	1	1	c16
..........cuUgauuuaaugaguugug..........	1	1	c16
..........cuggauuuaaugaguugug..........	728	0	c16
..........cuggauuAaaugaguugug..........	1	1	c16
..........Auggauuuaaugaguugug..........	1	1	c16
..........cuggauuuaUugaguugug..........	1	1	c16
..........cuggUuuuaaugaguugug..........	1	1	c16
..........cuggauuuaaugaguuguC..........	2	1	c16
..........cugCauuuaaugaguugug..........	1	1	c16
..........cuggauuuaaugaguuCug..........	3	1	c16
..........cuCgauuuaaugaguugug..........	2	1	c16
..........cuggaGuuaaugaguugug..........	1	1	c16
..........cuggauuuaaugaCuugug..........	1	1	c16
..........cuAgauuuaaugaguugug..........	1	1	c16
..........cuggauuuaaugaAuugug..........	1	1	c16
..........cuggauuuaaugaguugugA..........	1	1	c16
..........cuggauuuaaugaguugugG..........	3	1	c16
..........cuggauuuaaugaguugugc..........	1	0	c16
..........uggauuuaaugaguugug..........	1	0	c16
..........uggauuuaaugaguugugcaauauuacuacaagg..........	1	0	c16
..........gcaauauuacuacaaggca..........	1	0	c16
..........gcaauauuacuacaaggcaaa..........	2	0	c16
..........gcaauauuacuacaaggcaaauc..........	21	0	c16
..........gcaauauuacuacaaggcaaaucu..........	4	0	c16
..........caauauuacuacaaggca..........	9	0	c16
..........caauauuacuacaaggcaa..........	15	0	c16
..........caauauuacuacaaggcaaC..........	1	1	c16
..........caauauuacuaAaaggcaaa..........	1	1	c16
..........caauauuacuacaaggcaaa..........	16	0	c16
..........caauauuacuacaaggcaaau..........	84	0	c16
..........caauauuaAuacaaggcaaau..........	1	1	c16
..........Aaauauuacuacaaggcaaauc..........	2	1	c16
..........caauauuacuacUaggcaaauc..........	1	1	c16

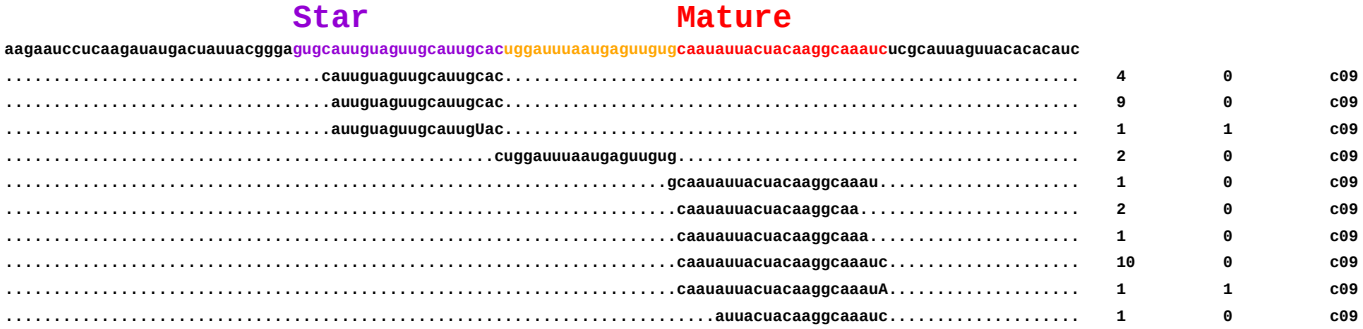
Star Mature

aagaauccucaagauaugacuauuacgggagugcauuguaguugcauugcacuggauuuaaugaguugugcaauauuacuacaaggcaaaucucgcauuaguuacacacauc

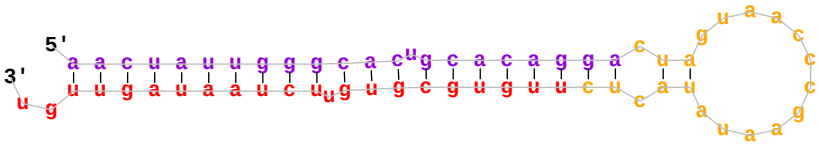
.....caauauuacuacaaggAaaauc.....	1	1	c16
.....caauauuacuacaaggcaUauc.....	1	1	c16
.....caauauuacuacCaggcaaauc.....	1	1	c16
.....caauauuacuacaaggcaaauc.....	1143	0	c16
.....caauauuaUuacaaggcaaauc.....	1	1	c16
.....caGuauuacuacaaggcaaauc.....	1	1	c16
.....caaAauuacuacaaggcaaauc.....	3	1	c16
.....caaGauuacuacaaggcaaauc.....	1	1	c16
.....Uaauauuacuacaaggcaaauc.....	1	1	c16
.....caauauuacuacaagCcaaauc.....	1	1	c16
.....caauauuacuacaaggcaaauU.....	1	1	c16
.....caauauuacuacaagUcaaauc.....	3	1	c16
.....caauauuacuacaaggcaaauA.....	3	1	c16
.....caauaAuacuacaaggcaaauc.....	1	1	c16
.....caauauuGcuacaaggcaaauc.....	1	1	c16
.....caauauAacuacaaggcaaauc.....	1	1	c16
.....caauauuacAacaaggcaaauc.....	1	1	c16
.....caauauuacuacaaggcaaaucA.....	5	1	c16
.....caauauuacuacaaggcaaaucu.....	15	0	c16
.....caauauuacuacaaggcaaaucG.....	2	1	c16
.....caauauuacuacaaggcaaaucC.....	1	1	c16
.....aauauuacuacaaggcGaauc.....	1	1	c16
.....aauauuacuacaaggcaaauc.....	6	0	c16
.....Cauauuacuacaaggcaaauc.....	1	1	c16
.....auauuacuacaaggcaaau.....	1	0	c16
.....auauuacuacaaggcaaauc.....	6	0	c16
.....auauuacuacaaggcaaaucA.....	1	1	c16
.....uauuacuacaaggcaaau.....	1	0	c16
.....Gauuacuacaaggcaaauc.....	1	1	c16
.....uauuacuacaaggcaaauc.....	4	0	c16
.....Cuuacuacaaggcaaauc.....	5	1	c16
.....Guuacuacaaggcaaauc.....	1	1	c16
.....auuacuacaaggAaaauc.....	1	1	c16
.....auuacuacaaggcGaauc.....	1	1	c16
.....auuacuacaaggcaaauc.....	83	0	c16
.....auuacuacaaggcaaaucG.....	1	1	c16
.....auuacuacaaggcaaaucu.....	1	0	c16
.....auuacuacaaggcaaaucuA.....	1	1	c16
.....auuacuacaaggcaaaucCc.....	1	1	c16
.....auuacuacaaggcaaaucuU.....	2	1	c16

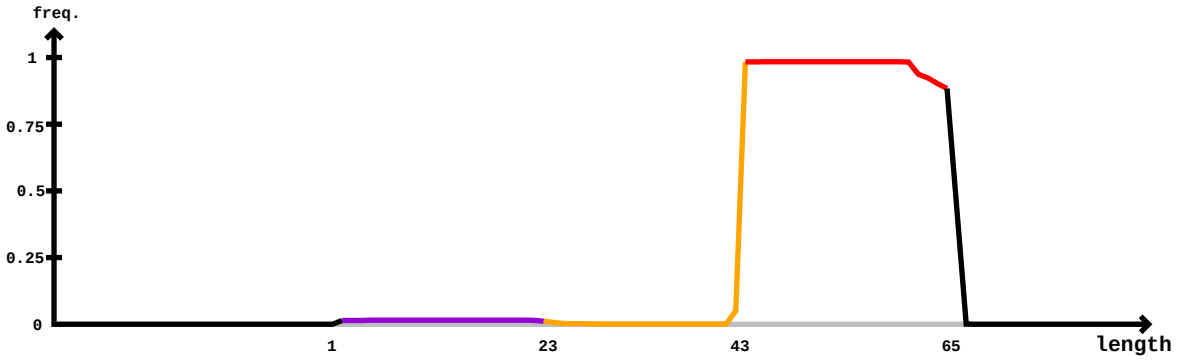
.....gugcauuguaguugcauu.....	7	0	c04
.....gugcauuguaguugcauug.....	1	0	c04
.....gugcauuguaguugcauugcac.....	3	0	c04
.....gugcauuguaguugcauugcaA.....	1	1	c04
.....ugcauuguaguugcauugcac.....	1	0	c04
.....auuguaguugcauugcac.....	3	0	c04
.....gcaauauuacuacaaggcaaauc.....	1	0	c04
.....caauauuacuacaaggcaaauc.....	7	0	c04
.....auuacuacaaggcaaauc.....	2	0	c04

.....aAugcauuguaguugcauugcac.....	1	1	c09
.....gugcauuguaguugAauu.....	1	1	c09
.....gCgcauuguaguugcauu.....	1	1	c09
.....gugcauuguaguugcauu.....	72	0	c09
.....Cugcauuguaguugcauu.....	1	1	c09
.....gugcauuguaguugcauuA.....	1	1	c09
.....gugcauuguaguugcauuU.....	1	1	c09
.....gugcauuguaguugcauug.....	1	0	c09
.....gugcauuguaguugcauugc.....	8	0	c09
.....gugcauuguaguugcauugca.....	23	0	c09
.....Cugcauuguaguugcauugcac.....	1	1	c09
.....gugcauuguaguugcauugcaU.....	1	1	c09
.....gugcauuguaguugcauugcCc.....	1	1	c09
.....gugcauuguaguugcauugcac.....	46	0	c09
.....gugcauuguaguugcauugcaA.....	2	1	c09
.....gugcauuguaguugcauugcacu.....	1	0	c09
.....gcauuguaguugcauugca.....	1	0	c09
.....gcauuguaguugcauugcac.....	1	0	c09
.....cauuguaguugcauugcG.....	1	1	c09


Star
Mature
aagaauccucaagauaugacuauuacgggagugcauuguaguugcauugcacuggauuuaaugaguugugcaauauuacuacaaggcaaaucucgcauuaguuacacacauc
.....cauuguaguugcauugcac..... 4 0 c09
.....auuguaguugcauugcac..... 9 0 c09
.....auuguaguugcauugUac..... 1 1 c09
.....cuggauuuaaugaguugug..... 2 0 c09
.....gcaauauuacuacaaggcaaau..... 1 0 c09
.....caauauuacuacaaggcaa..... 2 0 c09
.....caauauuacuacaaggcaaa..... 1 0 c09
.....caauauuacuacaaggcaaauc..... 10 0 c09
.....caauauuacuacaaggcaaauA..... 1 1 c09
.....auuacuacaaggcaaauc..... 1 0 c09

Provisional ID	:	group1_2368
Score total	:	903.6
Score for star read(s)	:	3.9
Score for read counts	:	893.3
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1764
Mature read count	:	1736
Loop read count	:	1
Star read count	:	27





Star **Mature**

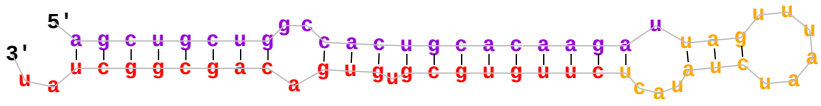
```
5'- gaagacaaaaagcccugaagcccaaaacaacuauugggcacugcacaggacuaguaacccgaauauacucuugugcguguucuaauaguuguugucggagcuucacuaucaa  -3'   obs
    gaagacaaaaagcccugaagcccaaaacaacuauugggcacugcacaggacuaguaacccgaauauacucuugugcguguucuaauaguuguugucggagcuucacuaucaa         exp
    ..............(((((((..(((((((((((((((((.(((((((.((............)).)))))))))))).)))))))))))))...)).)))))).....   reads     mm        sample
    ............................aacuauugggcacugcacagg.....................................................................   2         0         c02
    ............................aacuauugggcacugcacagga....................................................................   2         0         c02
    ............................aacuauugggcacugcacaggacu..................................................................   1         0         c02
    ..............................uauugggcacugcacaggacuag.................................................................   1         0         c02
    ................................................cuaguaacccgaauauacuc...................................................   1         0         c02
    ....................................................................cuugugcguguucuaaua.....................   2         0         c02
    ....................................................................cuugugcguguucuaauag....................   3         0         c02
    ....................................................................cuugugcguguucuaauagu...................   1         0         c02
    ....................................................................cuugugcguguucuaauaguu..................   2         0         c02
    ....................................................................cuugugcguguucuaauaguug.................   7         0         c02
    ....................................................................cuugugcguguucuaauaguugu................   52        0         c02
    ....................................................................cuugugcguguuAuaauaguugu................   1         1         c02
    ....................................................................cuAgugcguguucuaauaguugu................   1         1         c02
    ......................................................................Gugugcguguucuaauag....................   4         1         c02
    ....................................................................uugugcguguucuaauag....................   52        0         c02
    ....................................................................uugugcguguAcuaauag....................   1         1         c02
    ......................................................................Gugugcguguucuaauagu...................   1         1         c02
    ....................................................................uugugcguguucuaauagu...................   8         0         c02
    ......................................................................Gugugcguguucuaauaguu..................   2         1         c02
    ....................................................................uugugcguguucuaauaguu..................   20        0         c02
    ....................................................................uugugcguguucuaauaguug.................   21        0         c02
    ......................................................................Gugugcguguucuaauaguug.................   1         1         c02
    ....................................................................uugugcguguucuaauaguuAu................   1         1         c02
    ....................................................................uugugcgugAucuaauaguugu................   1         1         c02
    ....................................................................uuguUcguguucuaauaguugu................   2         1         c02
    ....................................................................uugugcguCuucuaauaguugu................   2         1         c02
    ....................................................................uugugcguguuAuaauaguugu................   1         1         c02
    ....................................................................uugugUguguucuaauaguugu................   1         1         c02
    ......................................................................Gugugcguguucuaauaguugu................   101       1         c02
    ....................................................................uCgugcguguucuaauaguugu................   1         1         c02
    ....................................................................uuCugcguguucuaauaguugu................   1         1         c02
    ....................................................................uugugcguguucuaauaguugA................   1         1         c02
    ....................................................................uugugcguguucuaauaAuugu................   1         1         c02
```

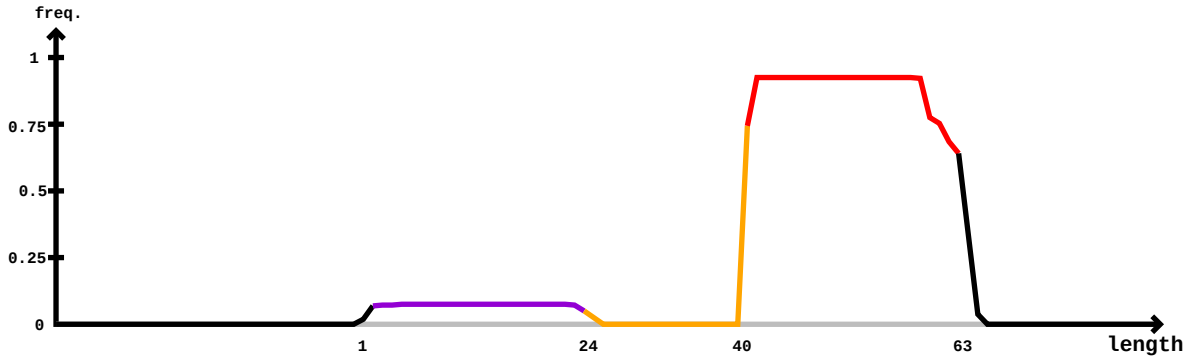
Star Mature

gaagacaaaaagcccugaagcccaaaacaacuauugggcacugcacaggacuaguaacccgaauauacucuugugcguguucuaauaguuguugucggagcuucacuaucaa

.....uuguCcguguucuaauaguugu.....	1	1	c02
.....uugugcguguucuaaGaguugu.....	1	1	c02
.....uugugcguguucuaauUguugu.....	1	1	c02
.....uugugcguguucuaauagCugu.....	2	1	c02
.....uugugAguguucuaauaguugu.....	4	1	c02
.....uugugcCuguucuaauaguugu.....	1	1	c02
.....Augugcguguucuaauaguugu.....	4	1	c02
.....uugugcguguucuaauaguugu.....	974	0	c02
.....uugugcguguucuaauCguugu.....	1	1	c02
.....uuUugcguguucuaauaguugu.....	1	1	c02
.....uugugcguguucuaauaguuguG.....	3	1	c02
.....uugugcguguucuaauaguuguA.....	10	1	c02
.....Gugugcguguucuaauaguuguu.....	1	1	c02
.....uugugcguguucuaauaguuguC.....	1	1	c02
.....uugugcguguucuaauaguuguu.....	5	0	c02
.....Uugcguguucuaauaguugu.....	1	1	c02
.....aacuauugggcacugcacagg.....	1	0	c15
.....aacuauugggcacugcacagga.....	6	0	c15
.....aacuauugggcacuAcacagga.....	1	1	c15
.....aacuauugggcacugcacaggac.....	1	0	c15
.....cuugugcguguucuaauaguugu.....	5	0	c15
.....uugugcguguucuaauaguugu.....	28	0	c15
.....uugugcgugCucuaauaguugu.....	1	1	c15
.....uugugcguguucuaauaguuguu.....	1	0	c15
.....uauugggcacugcacaggacuag.....	1	0	c09
.....cuugugcguguucuaauag.....	1	0	c09
.....cuugugcguguucuaauagu.....	1	0	c09
.....cuugugcguguucuaauaguugu.....	9	0	c09
.....Guugugcguguucuaauaguugu.....	1	1	c09
.....uugugcguguucuaauag.....	16	0	c09
.....Gugugcguguucuaauag.....	1	1	c09
.....Augugcguguucuaauagu.....	1	1	c09
.....uugugcguguucuaauagu.....	9	0	c09
.....Gugugcguguucuaauagu.....	1	1	c09
.....uugugcguguucuaauaguu.....	11	0	c09
.....uugugcguguucuaauaguug.....	3	0	c09
.....Gugugcguguucuaauaguugu.....	17	1	c09
.....uugugcguguucuaauaguugu.....	263	0	c09
.....uugugAguguucuaauaguugu.....	1	1	c09
.....uugugGguguucuaauaguugu.....	1	1	c09
.....uugugcguguucuaauaguuguG.....	1	1	c09
.....uugugcguguucuaauaguuguu.....	3	0	c09
.....uugugcguguucuaauaguuguA.....	8	1	c09
.....uugugcguguucuaauaguuguGg.....	1	1	c09
.....aacuauugggcacugcacaggacuagu.....	1	0	c04
.....aacuauugggcacugcacag.....	1	0	c16
.....Cacuauugggcacugcacagg.....	3	1	c16
.....aacuauugggcacugcacagga.....	1	0	c16
.....aacuauugggcacugcacaggac.....	3	0	c16
.....Cacuauugggcacugcacaggac.....	2	1	c16
.....cuugugcguguucuaauaguugu.....	2	0	c16
.....uugugcguguucuaauag.....	2	0	c16
.....uugugcguguucuaauagu.....	3	0	c16
.....uugugcguguucuaauaguu.....	2	0	c16
.....uugugcguguucuaauaguug.....	1	0	c16
.....uugugcgAguucuaauaguugu.....	1	1	c16
.....uugugcguguucuaauaguugu.....	31	0	c16
.....Gugugcguguucuaauaguugu.....	3	1	c16
.....uugugcguguucuaauaguuguu.....	1	0	c16
.....uugugcguguucuaauaguuguA.....	3	1	c16

Provisional ID	:	group1_2370
Score total	:	167.6
Score for star read(s)	:	3.9
Score for read counts	:	157.2
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	320
Mature read count	:	296
Loop read count	:	0
Star read count	:	24





Star **Mature**

```
5'- ucaauauuuuaguuguaaugaagcccaaagcagcugcuggccacugcacaagauuaguuuuaaucuauacucuugugcgugugacagcggcuauugcgggcuauucauugucua  -3'   obs
    ucaauauuuuaguuguaaugaagcccaaagcagcugcuggccacugcacaagauuaguuuuaaucuauacucuugugcgugugacagcggcuauugcgggcuauucauugucua        exp
    .((((.....))))((((((((((..((.(((((((..(((((((((((.(((.....))))...)))))))))).))).)))))))).))..))))))..)))))....  reads  mm  sample
    ............................agcugcuggccacugcacaaga.....................................................................  4      0   c15
    ............................agcugcuggccacugcacaagau.....................................................................  1      0   c15
    ..............................ugcuggccacugcacaagauu.....................................................................  1      0   c15
    ..........................................................cuugugcgugugacagcggcu.....................  2      0   c15
    ..........................................................cuugugcgugugacagcggcua....................  2      0   c15
    ..........................................................Auugugcgugugacagcggcuau...................  1      1   c15
    ..........................................................cuugugcgugugacagcggcuau...................  11     0   c15
    ..........................................................cuugugcgugugacagcggcuUu...................  1      1   c15
    ..........................................................cuugugcgugugacagcggcuauu..................  3      0   c15
    ..........................................................cuugugcgugugacagcggcuauuU.................  1      1   c15
    ..........................................................uugugcgugugacagcggcuau....................  2      0   c15
    ..........................................................uugugcgugugacagcggcuauuU..................  1      1   c15

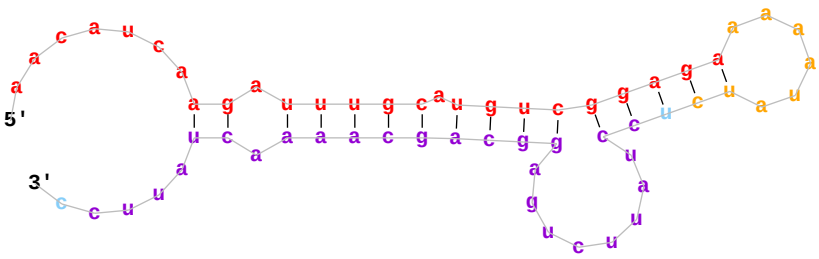
    ............................cagcugcuggccacugcacaagau.....................................................................  1      0   c02
    ............................agcugcuggccacugcacaagau.....................................................................  1      0   c02
    ..........................................................cuugugcgugugacagcUg.......................  1      1   c02
    ..........................................................cuugugcgugugacagcgg.......................  36     0   c02
    ..........................................................cuugugcgugugacagcggc......................  1      0   c02
    ..........................................................cuugugcgugugacagcggcu.....................  1      0   c02
    ..........................................................cuugugcgugugacagcggcua....................  1      0   c02
    ..........................................................cuugugcgugugacagcggcuau...................  38     0   c02
    ..........................................................Auugugcgugugacagcggcuau...................  1      1   c02
    ..........................................................cuAgugcgugugacagcggcuau...................  1      1   c02
    ..........................................................cuugugcgugugacagcggcuaCu..................  1      1   c02
    ..........................................................cuugugcgugugacagcggcuauu..................  6      0   c02
    ..........................................................cuugugcgugugacagcggUuauu..................  1      1   c02
    ..........................................................cuugugcgugugacagcggcuauuU.................  4      1   c02
    ..........................................................uugugcgugugacagcgg.......................  1      0   c02
    ..........................................................Gugugcgugugacagcggc......................  1      1   c02
    ..........................................................uugugcgugugacagcggc......................  2      0   c02
    ..........................................................uugugcgugugacagcggcu.....................  4      0   c02
    ..........................................................uugugcgugugacagcAgcu.....................  1      1   c02
    ..........................................................Gugugcgugugacagcggcu.....................  2      1   c02
```

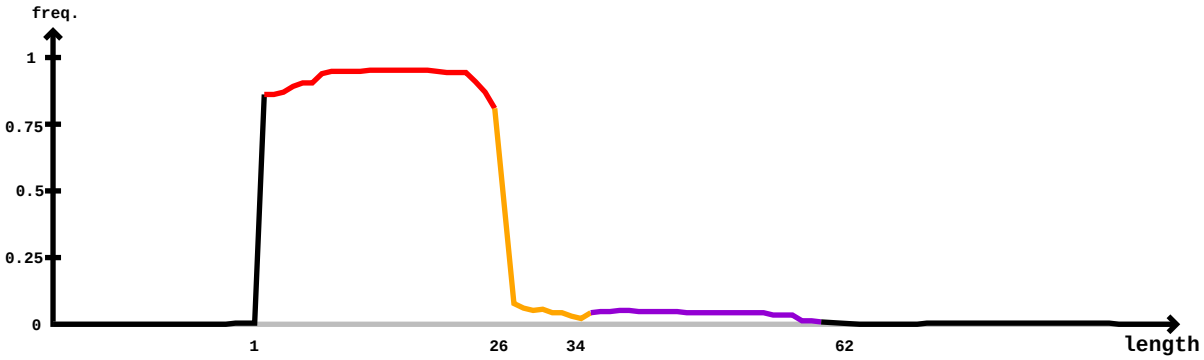
Star Mature

ucaauauuuuaguuguaaugaagcccaaagcagcugcuggccacugcacaagauuaguuuaaucuauacucuugugcgugugacagcggcuauugcgggcuauucauugucua

.....uugugcgugugacagcggcua.....	2	0	c02
.....uugugcgugugacagcggcuau.....	11	0	c02
.....uugugcgugugacagcggcuauu.....	2	0	c02
.....cagcugcuggccacugcacaaga.....	3	0	c09
.....cagcugcuggccacugcacaagau.....	2	0	c09
.....agcugcuggccacugcacaag.....	1	0	c09
.....agcugcuggccacugcacaagau.....	3	0	c09
.....cuugugcgugugacagcg.....	1	0	c09
.....cuugugcgugugacagcgg.....	3	0	c09
.....cuugugcgugugacagcggc.....	3	0	c09
.....cuugugcgugugacagcggcu.....	6	0	c09
.....cuugugcgugugacagcggcua.....	4	0	c09
.....cuugugcgugugacagcggcuU.....	2	1	c09
.....cuugugcCugugacagcggcuau.....	1	1	c09
.....cuugugcguAugacagcggcuau.....	1	1	c09
.....cuugugcgugugacagcggcuau.....	41	0	c09
.....cuugugcgAgugacagcggcuau.....	1	1	c09
.....cuugugcgugugacagcggcuauC.....	1	1	c09
.....cuugugcgugugacagcggcuauu.....	8	0	c09
.....cuugugcgugugacagcggcuauuU.....	2	1	c09
.....uugugcgugugacagcggcu.....	4	0	c09
.....uugugcgugugacagcggcua.....	1	0	c09
.....uugugcgugugacagcggcuau.....	10	0	c09
.....uugugcgugugacagcggcuauu.....	1	0	c09
.....uugugcgugugacagcggcuauuU.....	1	1	c09
.....Cgcugcuggccacugcacaagau.....	1	1	c16
.....agcugcuggccacugcacaagau.....	4	0	c16
.....gcugcuggccacugcacaagau.....	1	0	c16
.....cuugugcgugugacagcgg.....	5	0	c16
.....cuugugcgugugacagcggGu.....	1	1	c16
.....cuugugcgugugacagcggcu.....	1	0	c16
.....cuugugcgugugacagcggcua.....	2	0	c16
.....cuugugcgugugacagcggcuUu.....	1	1	c16
.....cuugugcgugugacagcggcuau.....	31	0	c16
.....cuugugcgugugacagcggcuauA.....	2	1	c16
.....cuugugcgugugacagcggcuauu.....	3	0	c16
.....cuugugcgugugacagcggcuauC.....	1	1	c16
.....cuugugcgugugCcagcggcuauu.....	1	1	c16
.....cuugugcgugugacagcggcuauGg.....	1	1	c16
.....cuugugcgugugacagcggcuauuU.....	2	1	c16
.....Gugugcgugugacagcgg.....	1	1	c16
.....uugugcgugugacagcggcuau.....	6	0	c16
.....Gugugcgugugacagcggcuau.....	3	1	c16
.....uugugcgugugacagcggcuauu.....	1	0	c16
.....Gugugcgugugacagcggcuauu.....	1	1	c16
.....agcugcuggccacugcacaagau.....	1	0	c04

Provisional ID	:	group14_24344
Score total	:	105.4
Score for star read(s)	:	3.9
Score for read counts	:	105.7
Score for mfe	:	-1.3
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	219
Mature read count	:	212
Loop read count	:	0
Star read count	:	7





Mature **Star**

```
5'- cugaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucucuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc  -3'   obs
    cugaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc        exp
    (((.......))).(((.((((.....((.((((((.((((((((((......)))))).........)))))))))..)).)))))))))(((.(((....))).)).)))).....  reads    mm    sample
    ............................agauuugcaugucAgaga.....................................................................  1        1     c09

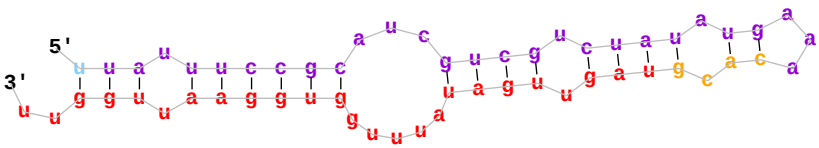
    .................aggaacaucaagauuugcaugu.....................................................................  1        0     c04
    ...................aacaucaagauuAgcaugucgg.....................................................................  1        1     c04
    ...................aacaucaagauuugcaugucgg.....................................................................  7        0     c04
    ...................aacaucaagauuugcaugucgga....................................................................  6        0     c04
    ...................Cacaucaagauuugcaugucggag...................................................................  1        1     c04
    ...................aacaucaagauuugcaugucggaA...................................................................  4        1     c04
    ...................aacaucaagauuAgcaugucggag...................................................................  1        1     c04
    ...................aacaucaagauuugcaugucggag...................................................................  5        0     c04
    ...................aacaucaagauuugcaugucggaga...................................................................  41       0     c04
    ...................aacGucaagauuugcaugucggaga...................................................................  1        1     c04
    ...................aacaucaagauuAgcaugucggaga...................................................................  2        1     c04
    ...................aacaucaagauuugcaugucggaAa...................................................................  1        1     c04
    ...................aaAaucaagauuugcaugucggaga...................................................................  1        1     c04
    ...................Cacaucaagauuugcaugucggaga...................................................................  1        1     c04
    ...................aacaucaagauuugcaugucggagaa..................................................................  30       0     c04
    ...................Cacaucaagauuugcaugucggagaa..................................................................  1        1     c04
    ...................aacaucaagauuAgcaugucggagaa..................................................................  5        1     c04
    ...................aacaucaagauuugcaugucggagaaGa................................................................  1        1     c04
    ...................aacaucaagauuugcaugucggagaaaaU...............................................................  1        1     c04
    ...................aacaucaagauuugcaugucggagaaaaauaucuccuau.....................................................  1        0     c04
    .....................caucaagauuugcaugucggagaaaa.................................................................  1        0     c04
    .....................aucaagauuugcaugucgga.......................................................................  1        0     c04
    .....................aucaagauuugcaugucggaA......................................................................  1        1     c04
    .....................aucaagauuugcaugucggaga.....................................................................  1        0     c04
    .....................aucaagauuAgcaugucggagaa....................................................................  1        1     c04
    .......................ucaagauuugcaugucgga......................................................................  1        0     c04
    .......................ucaagauuugcaugucggagaaaaa................................................................  1        0     c04
    .......................ucaagauuugcaugucggagaaaaau...............................................................  1        0     c04
    ..........................aagauuugcaugucggagaaaaauaA.............................................................  1        1     c04
    ..................................................uauccuauucugaggcagcaaaacu.....................................  1        0     c04
    ....................................................ccuaCucugaggcagcaaa..........................................  1        1     c04
```

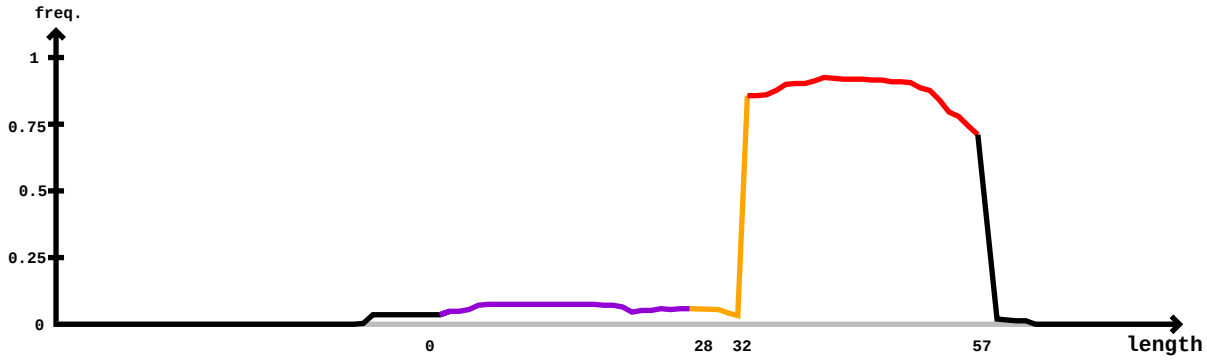
Mature Star

cugaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc

.....aacaucaagauuugcaug.....	1	0	c16
.....Cacaucaagauuugcaugucgga.....	1	1	c16
.....aacaucaagaAuugcaugucggag.....	1	1	c16
.....Cacaucaagauuugcaugucggaga.....	2	1	c16
.....aacaucaagauuugcaugucggaga.....	34	0	c16
.....aacaucaagauuugAaugucggagaa.....	1	1	c16
.....aacaucaagauuugcaugucUgagaa.....	1	1	c16
.....aacaucaagauuugcaugucggagaa.....	38	0	c16
.....Cacaucaagauuugcaugucggagaa.....	4	1	c16
.....aacaucaagauuugcaugucggagaaU.....	1	1	c16
.....aacaucaagauuugcaugucggagaaa.....	3	0	c16
.....Uaucaagauuugcaugucggagaa.....	1	1	c16
.....Cucaagauuugcaugucggagaa.....	1	1	c16
.....aagCuuugcaugucggag.....	1	1	c16
.....aagauuugcaugucggagaaaaau.....	2	0	c16
.....aagauuugcaugucggagaaaaauau.....	2	0	c16
.....aagauuAgcaugucggagaaaaauauc.....	1	1	c16
.....aagauuugcaugucggagaaaaauauc.....	1	0	c16
.....agauuugcaugucggagaa.....	1	0	c16
.....uugcaugucggagaaaaauaucuccuauucuga.....	1	0	c16
.....uaucuccuauucugaggcagcaaaacu.....	1	0	c16
.....Gaucuccuauucugaggcagcaaaacu.....	1	1	c16
.....ccuaCucugaggcagcaaa.....	1	1	c16
.....ccuauucugaggcagcaaaacu.....	1	0	c16
.....ccuauucugaggcagcaaaacuauuc.....	2	0	c16
.....auucAgaggcagcaaaacuau.....	1	1	c16
.....cuauucAgaggcagcaaaacu.....	1	1	c15
.....aagaaaucuuucgcugaugu.....	1	0	c15

Provisional ID	:	group14_24415
Score total	:	131
Score for star read(s)	:	3.9
Score for read counts	:	136.8
Score for mfe	:	-6.7
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	280
Mature read count	:	275
Loop read count	:	0
Star read count	:	5





Star **Mature**

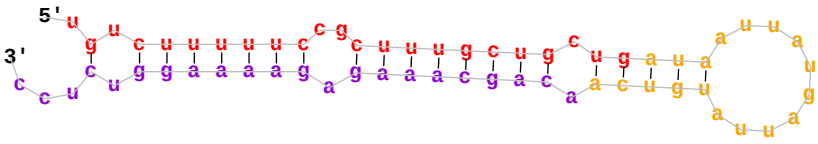
```
5'- uauaagcauuuuuaccuuggcaccuccgacuuggcacauuauuuccgcaucgucgucuauaugaaacacguaguugauauuuggugggaauuggguuuuguuuguuccuuaguggguu  -3'   obs
    uauaagcauuuuuaccuuggcaccuccgacuuggcacauuauuuccgcaucgucgucuauaugaaacacguaguugauauuuggugggaauuggguuuuguuuguuccuuaguggguu        exp
    ........................((.(((.((.(((((((.(((((((...((((.((((.((...)).)))).))))).....)))))).)))..(((.....))).)).)..))).)).  reads    mm    sample
    ............................uuggcacauuauuuccgcaucgucguc.....................................................................  1        0     c04
    ...........................uggcacauuauuuccgcaucgucg.......................................................................  1        0     c04
    ...........................uggcacauuauuuccgcaucgucguc......................................................................  2        0     c04
    ...........................uggcacauuauuuccgcaucgucgucu.....................................................................  5        0     c04
    ...........................uggcacauuauuuccgcaucgucgucua....................................................................  2        0     c04
    ..................................uauuuccgcaucgucgucu.....................................................................  1        0     c04
    ..................................uauuuccgcaucgucgucuauaugaa..............................................................  1        0     c04
    ..................................uauuuccgcaucgucgucuauaugaaa.............................................................  1        0     c04
    ..................................uauuuccgUaucgucgucuauaugaaa.............................................................  1        1     c04
    ...................................Auuccgcaucgucgucuauau..................................................................  1        1     c04
    ..................................uuuccgcaucgucgucuauaugaaaca.............................................................  1        0     c04
    ..................................uuccgcaucgucgucuauaugaaaca..............................................................  3        0     c04
    ..................................uuccgcaucgucgucuauaugaaacac.............................................................  2        0     c04
    .................................uccgcaucgucgucuauaugaaacac..............................................................  1        0     c04
    .....................................................uauaugaaacacguaguugauauuug.........................................  1        0     c04
    ....................................................Gaugaaacacguaguugaua...............................................  1        1     c04
    ....................................................uaugaaacacguaguugauGu..............................................  1        1     c04
    ....................................................uaugaaacacguaguugauauuuggu.........................................  2        0     c04
    ....................................................ugaaacacguaguugauauuuggugg.........................................  1        0     c04
    ....................................................ugaaacacguaguugauauuuggugga........................................  1        0     c04
    ....................................................aaacacguaguugauauuugguggaa.........................................  1        0     c04
    ...................................................acacguaguugauauuuggugggaauu........................................  1        0     c04
    ..................................................acguaguugauauuuggugggaauu..........................................  1        0     c04
    ..................................................uaguugauauuuggugga.................................................  4        0     c04
    ..................................................uaguugauauuuggugUa.................................................  1        1     c04
    ..................................................uaguugauauuugguggaa................................................  2        0     c04
    ..................................................uaguugauauuuggugggaau..............................................  11       0     c04
    ..................................................uaguugauauuuggugggaauu.............................................  12       0     c04
    ..................................................uaguugauauuuggugggaauug............................................  3        0     c04
    ..................................................uaguugauauuuggugggaauuU............................................  1        1     c04
    ..................................................uaguugauauuuggugggaauugg...........................................  10       0     c04
    .................................................Gaguugauauuuggugggaauugg............................................  1        1     c04
    .................................................uaguugauauuuggugggaauuggu..........................................  8        0     c04
```

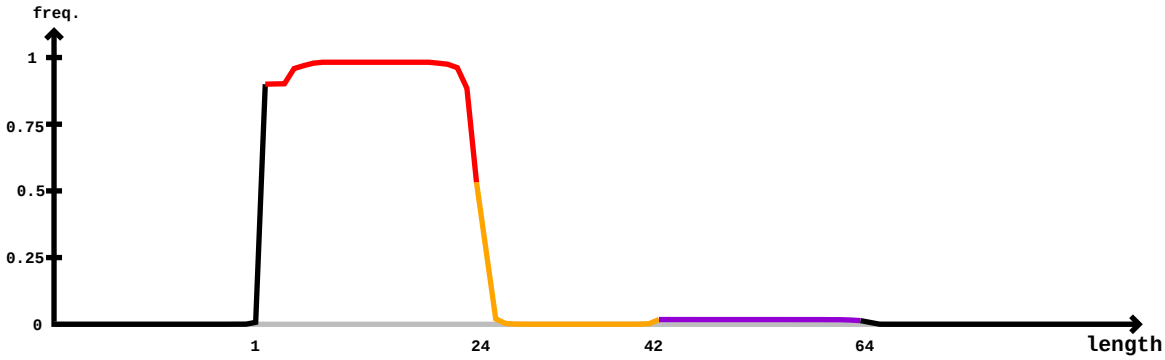
Star Mature

uauaagcauuuuuaccuuggcaccuccgacuuggcacauuauuuccgcaucgucgucuauaugaaacacguaguugauauuuggugggaauuggguuuuguuccuuaguggguu

.....uaguugauauuuggugggaauugguA.....	1	1	c04
.....uaguugauauuuggugggaauugguu.....	98	0	c04
.....uaguugauauuuggugggaaCugguu.....	1	1	c04
.....Gaguugauauuuggugggaauugguu.....	5	1	c04
.....Aaguugauauuuggugggaauugguuu.....	2	1	c04
.....Gaguugauauuuggugggaauugguuu.....	5	1	c04
.....uaguugauauuuggugggaauugguuu.....	86	0	c04
.....uaguugauauuuggugggaauuggguG.....	1	1	c04
.....uaguugauauuuggugggaauuggguA.....	1	1	c04
.....Gaguugauauuuggugggaauuggguuu.....	1	1	c04
.....guugauauuuggugggaauuggguuu.....	1	0	c04
.....uugauauuuggugggaauug.....	1	0	c04
.....uugauauuuggugggaauuggu.....	1	0	c04
.....Gugauauuuggugggaauuggguu.....	1	1	c04
.....uugauauuuggugggaauuggguuu.....	1	0	c04
.....uugauauuuggugggaauuggguuuguu.....	1	0	c04
.....ugauauuuggugggaauuggu.....	1	0	c04
.....ugauauuuggugggaauuggguu.....	1	0	c04
.....Ggauauuuggugggaauuggguuu.....	1	1	c04
.....ugauauuuggugggaauuggguuuug.....	1	0	c04
.....Ggauauuuggugggaauuggguuuguu.....	1	1	c04
.....ugauauuuggugggaauuggguuuguu.....	2	0	c04
.....gauauuuggugggaauuggguu.....	1	0	c04
.....uauuuggugggaauuggguu.....	2	0	c04
.....uauuuggugggaauuggguuu.....	1	0	c04
.....auuuggugggaauuggguuu.....	4	0	c04

Provisional ID	:	group14_24528
Score total	:	6462.3
Score for star read(s)	:	3.9
Score for read counts	:	6452.5
Score for mfe	:	1.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	12668
Mature read count	:	12446
Loop read count	:	1
Star read count	:	221





Mature **Star**

```
5'- gcgaaaguucuccauaaaauuugucuuuuuccgcuuugcugcugauaauuaugauuauguca acagcaaagagaaaaggucucc uuuaugagaacuuccuccguggcaacga -3'   obs
    gcgaaaguucuccauaaaauuugucuuuuuccgcuuugcugcugauaauuaugauuauguca acagcaaagagaaaaggucucc uuuaugagaacuuccuccguggcaacga      exp
    ....(((((((.(((((...(.(((((((..(((((((.(((((.........))))).)))))))).)))))))...)))))))))))))....(((....))).
```

reads	mm	sample
1	1	c04
1	0	c04
1	0	c04
1	0	c04
1	1	c04
1	1	c04
3	0	c04
1	1	c04
1	1	c04
9	0	c04
4	0	c04
1	1	c04
42	0	c04
3	1	c04
1	1	c04
12	1	c04
165	0	c04
1	1	c04
2	1	c04
4	1	c04
1	1	c04
1	1	c04
11	1	c04
1	1	c04
149	0	c04
1	1	c04
1	1	c04
1	1	c04
8	1	c04
2	1	c04
2	1	c04
5	0	c04
18	1	c04

.....Cuugucuuuuuccgcuuugcugcu.....
.....uugucuuuuuccgcuuugcug.....
.....uugucuuuuuccgcuuugcugc.....
.....uugucuuuuuccgcuuugcugcu.....
.....uugucuuuuuccgcuuugcugcuU.....
.....ugucuuuuuccUcuuugc.....
.....ugucuuuuuccgcuuugc.....
.....Ggucuuuuuccgcuuugc.....
.....Ggucuuuuuccgcuuugcu.....
.....ugucuuuuuccgcuuugcu.....
.....ugucuuuuuccgcuuugcug.....
.....ugucuuuuuccgcuuuCcugc.....
.....ugucuuuuuccgcuuugcugc.....
.....Ggucuuuuuccgcuuugcugc.....
.....ugucAuuuuccgcuuugcugcu.....
.....Ggucuuuuuccgcuuugcugcu.....
.....ugucuuuuuccgcuuugcugcu.....
.....ugucuuuuuccgcuCugcugcu.....
.....ugucCuuuuccgcuuugcugcu.....
.....ugucuuuuuccgcuuugcugcA.....
.....ugucuuuuucAgcuuugcugcug.....
.....Agucuuuuuccgcuuugcugcug.....
.....Ggucuuuuuccgcuuugcugcug.....
.....uguUuuuuuccgcuuugcugcug.....
.....ugucuuuuuccgcuuugcugcug.....
.....ugucCuuuuccgcuuugcugcug.....
.....ugucuuuuuccgcCuugcugcug.....
.....ugucuuuuuccgcuuugcuUcug.....
.....ugucuuuuuccgcuuugcugcuU.....
.....Ggucuuuuuccgcuuugcugcuga.....
.....ugucuuuuuccgcuuugcugcugG.....
.....ugucuuuuuccgcuuugcugcuga.....
.....ugucuuuuuccgcuuugcugcugU.....

Mature Star

gcgaaaguucuccauaaauugucuuuuuccgcuuugcugcugauaauuaugauuaugucaacagcaaagagaaaaggucuccuuuaugagaacuuccuccguggcaacga

.....ugucuuuuuccgcuuugcugcugUu.....	2	1	c04
.....gucuuuuuccgcuuugcugcuga.....	1	0	c04
.....ucuuuuuccgcuuugcugcu.....	2	0	c04
.....uAuuuuuccgcuuugcugcu.....	1	1	c04
.....cuuuuuccgcuuugcugc.....	5	0	c04
.....cuuuuuccgcuuugcugcu.....	17	0	c04
.....cuuuuuccgcuuugcugcA.....	1	1	c04
.....cuuuuuccgcuCugcugcug.....	1	1	c04
.....cuuuuuccgcuuugcugcuU.....	2	1	c04
.....cuuuuuccgcuuugcugcug.....	22	0	c04
.....cuuuuuccgcuuugcugcuga.....	1	0	c04
.....cuuuuuccgcuuugcugcugau.....	1	0	c04
.....Guuuuuccgcuuugcugcu.....	1	1	c04
.....uuuuuccgcuuugcugcu.....	4	0	c04
.....Cuuuuccgcuuugcugcug.....	1	1	c04
.....Guuuuccgcuuugcugcug.....	1	1	c04
.....uuuuuccgcuuugcugcuU.....	1	1	c04
.....uuuuuccgcuuugcugcugU.....	1	1	c04
.....uuuuccgcuuugcugcug.....	10	0	c04
.....uuuuccgcuuugcugcugU.....	2	1	c04
.....uuuccgcuuugcugcugU.....	4	1	c04
.....uuuccgcuuugcugcuAa.....	1	1	c04
.....uuuccgcuuugcugcuga.....	1	0	c04
.....uuuccgcuuugcugcugaA.....	2	1	c04
.....Uaacagcaaagagaaaaggucuccu.....	1	1	c04
.....aacagcaaagagaaaaggucuc.....	1	0	c04
.....aacagcaaagagaaaaggucucc.....	1	0	c04
.....acagcaaagagaaaagguc.....	1	0	c04
.....acagcaaagagaaaaggucu.....	1	0	c04
.....acagcaaagagaaaaggucuc.....	2	0	c04
.....acagcaaagagaaaaggucucc.....	6	0	c04
.....aAagcaaagagaaaaggucucc.....	1	1	c04
.....Ccagcaaagagaaaaggucucc.....	2	1	c04
.....Ccagcaaagagaaaaggucuccu.....	1	1	c04
.....acagcaaagagaaaaggucuccA.....	1	1	c04

.....uugucuuuuuccgcuuugcug.....	1	0	c16
.....uugucuuuuuccgcuuugcugcu.....	2	0	c16
.....Gugucuuuuuccgcuuugcugcu.....	1	1	c16
.....ugucuuuuuccgcuuugc.....	4	0	c16
.....Cgucuuuuuccgcuuugc.....	1	1	c16
.....ugucuuuuuccgcuuugcu.....	5	0	c16
.....ugucuuuuuccgcuuugcug.....	12	0	c16
.....Ggucuuuuuccgcuuugcugc.....	5	1	c16
.....ugucCuuuuccgcuuugcugc.....	1	1	c16
.....ugucuuuuuccgcuuugcugc.....	61	0	c16
.....ugucuuuuuccgcuuugcugU.....	1	1	c16
.....ugucuuuuuccgcuuugAugcu.....	1	1	c16
.....ugucuuuuuAcgcuuugcugcu.....	2	1	c16
.....ugucAuuuuccgcuuugcugcu.....	1	1	c16
.....ugucuuuuuccgcuuCgcugcu.....	1	1	c16
.....ugucuuuuuccgcuuugcugcA.....	6	1	c16
.....ugucuuuuuccgcuuugcugcu.....	271	0	c16
.....ugucuuuuucAgcuuugcugcu.....	2	1	c16
.....ugucCuuuuccgcuuugcugcu.....	1	1	c16
.....Ggucuuuuuccgcuuugcugcu.....	21	1	c16
.....ugucuuuuuccCcuuugcugcu.....	1	1	c16
.....ugucuuuuuccgcuuugcugGu.....	1	1	c16
.....ugucuuuuuccgcuuugcugAu.....	1	1	c16
.....ugucuuuuuccgGuuugcugcug.....	1	1	c16
.....ugucuuuuuccgAuuugcugcug.....	1	1	c16
.....uguUuuuuuccgcuuugcugcug.....	1	1	c16
.....ugucuuuuuccgcuuugcugcuC.....	1	1	c16
.....uguAuuuuuccgcuuugcugcug.....	1	1	c16
.....ugucuuuuuccgcuuugcugcug.....	363	0	c16
.....ugucCuuuuccgcuuugcugcug.....	2	1	c16
.....ugucuuuuuccgUuuugcugcug.....	1	1	c16
.....ugucuuuuuccgcuuugcugcuU.....	8	1	c16
.....ugucuuuuuccgcuuuUcugcug.....	1	1	c16
.....Agucuuuuuccgcuuugcugcug.....	1	1	c16

Mature Star

gcgaaaguucuccauaaaauugucuuuuuccgcuuugcugcugauaauuaugauuaugucaacagcaaagagaaaaggucuccuuuaugagaacuuccuccguggcaacga

.....ugucuuuuuccgcuuugcugcuA.....	3	1	c16
.....ugucuuuuuccgcuuugcugAug.....	1	1	c16
.....uCucuuuuuccgcuuugcugcug.....	1	1	c16
.....Ggucuuuuuccgcuuugcugcug.....	33	1	c16
.....ugucuuuuuccgcuuugcugcugC.....	1	1	c16
.....ugucuuuuuccgcuuugcugcugU.....	49	1	c16
.....Ggucuuuuuccgcuuugcugcuga.....	2	1	c16
.....ugucuuuuuccgcuuugcugcuga.....	14	0	c16
.....ugucuuuuuccgcuuugcugcugaA.....	1	1	c16
.....ugucuuuuuccgcuuugcugcugUu.....	4	1	c16
.....gucuuuuuccgcuuugcugcu.....	1	0	c16
.....gucuuuuuccgcuuugcugcugU.....	1	1	c16
.....cuuuuuccgcuuugcugc.....	2	0	c16
.....cuuuuuccgcuuugcugcu.....	23	0	c16
.....cuuuuuccgcuuugcugcA.....	1	1	c16
.....cuuuuuccgcuuugAugcu.....	1	1	c16
.....cAuuuuccgcuuugcugcug.....	1	1	c16
.....cuuuuuccgcuuugcugcug.....	39	0	c16
.....cuuuuuccgcuAugcugcug.....	1	1	c16
.....cuuuuuccCcuuugcugcug.....	1	1	c16
.....cuuuuuccgcuuugcugcuU.....	2	1	c16
.....cuuuuuccgcuuugcugcuga.....	1	0	c16
.....cuuuuuccgcuuugcugcugU.....	5	1	c16
.....Guuuuccgcuuugcugcu.....	1	1	c16
.....uuuuuccgcuuugcugcu.....	7	0	c16
.....Guuuuccgcuuugcugcug.....	1	1	c16
.....Cuuuuccgcuuugcugcug.....	1	1	c16
.....uuuuuccgcuuugcugcuU.....	1	1	c16
.....uuuuuccgcuuugcugcug.....	5	0	c16
.....uuuuccgcuuugcugcug.....	6	0	c16
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.....ugucuuuuuccgcuuugcugcA.....	12	1	c09
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.....cuuuuuccgcuuugcugcuAa.....	1	1	c09
.....cuuuuuccgcuuugcugcuga.....	10	0	c09
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Mature Star

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.....uuuuuccgcuuuCcugcu.....	1	1	c09
.....uuuuuccgcuuugcugcu.....	26	0	c09
.....uuuuuccgcuuugcugcug.....	31	0	c09
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Mature Star

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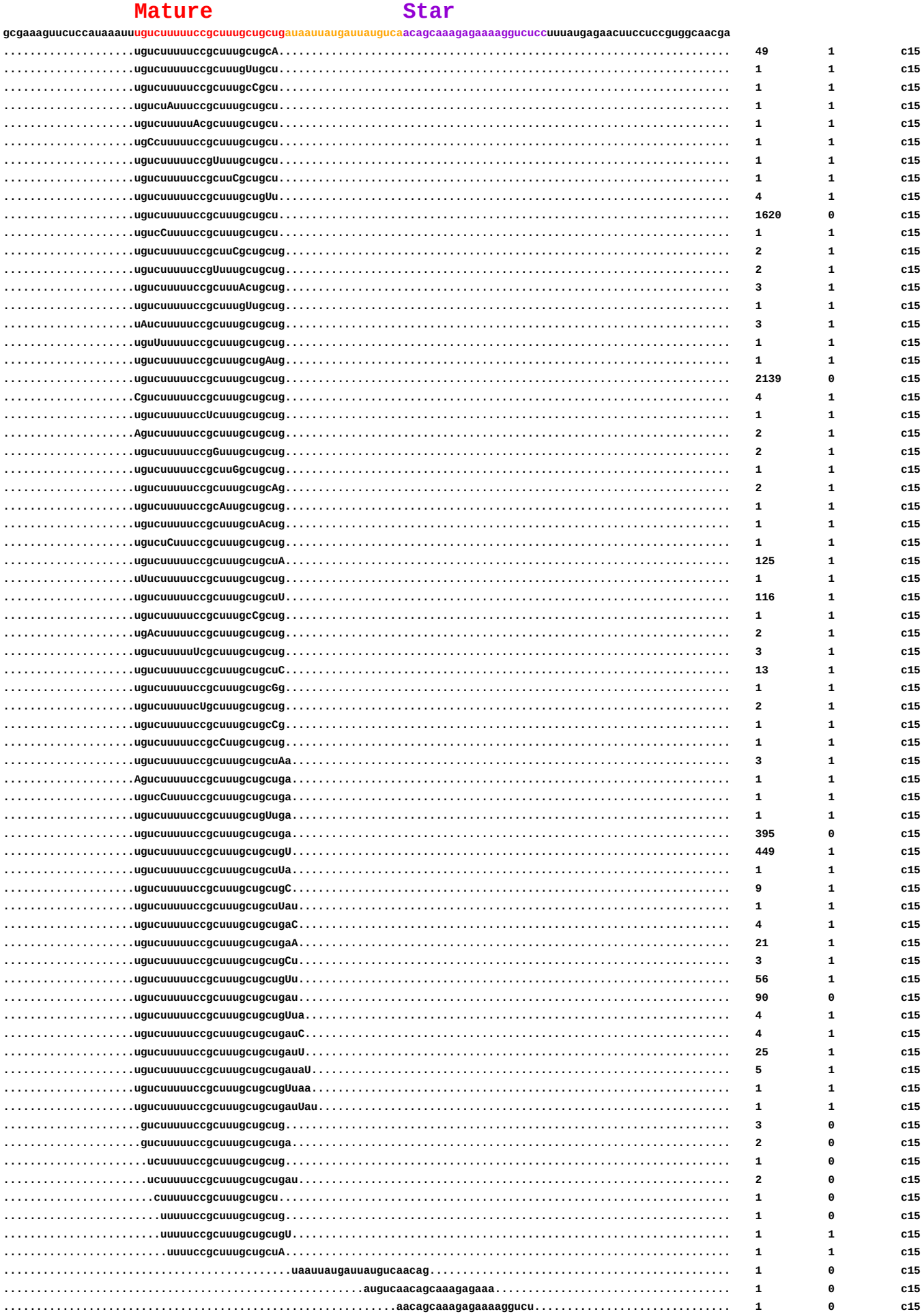
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Star
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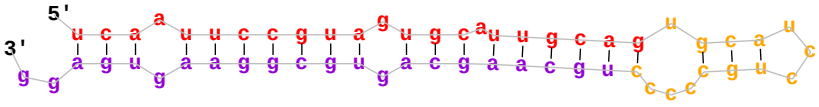
.....ugucuuuuuccgcAuugcugcug..... 1 1 c15
.....ugucuuuuuccgcuuugcuAcug..... 1 1 c15
.....ugucuCuuuccgcuuugcugcug..... 1 1 c15
.....ugucuuuuuccgcuuugcugcuA..... 125 1 c15
.....uUucuuuuuccgcuuugcugcug..... 1 1 c15
.....ugucuuuuuccgcuuugcugcuU..... 116 1 c15
.....ugucuuuuuccgcuuugCgcug..... 1 1 c15
.....ugAcuuuuuccgcuuugcugcug..... 2 1 c15
.....ugucuuuuuUcgcuuugcugcug..... 3 1 c15
.....ugucuuuuuccgcuuugcugcuC..... 13 1 c15
.....ugucuuuuuccgcuuugcugcGg..... 1 1 c15
.....ugucuuuuuCugcuuugcugcug..... 2 1 c15
.....ugucuuuuuccgcuuugcugcCg..... 1 1 c15
.....ugucuuuuuccgcCuugcugcug..... 1 1 c15
.....ugucuuuuuccgcuuugcugcuAa..... 3 1 c15
.....Agucuuuuuccgcuuugcugcuga..... 1 1 c15
.....ugucCuuuuccgcuuugcugcuga..... 1 1 c15
.....ugucuuuuuccgcuuugcugUuga..... 1 1 c15
.....ugucuuuuuccgcuuugcugcuga..... 395 0 c15
.....ugucuuuuuccgcuuugcugcugU..... 449 1 c15
.....ugucuuuuuccgcuuugcugcuUa..... 1 1 c15
.....ugucuuuuuccgcuuugcugcgC..... 9 1 c15
.....ugucuuuuuccgcuuugcugcuUau..... 1 1 c15
.....ugucuuuuuccgcuuugcugcugaC..... 4 1 c15
.....ugucuuuuuccgcuuugcugcugaA..... 21 1 c15
.....ugucuuuuuccgcuuugcugcugCu..... 3 1 c15
.....ugucuuuuuccgcuuugcugcugUu..... 56 1 c15
.....ugucuuuuuccgcuuugcugcugau..... 90 0 c15
.....ugucuuuuuccgcuuugcugcugUua..... 4 1 c15
.....ugucuuuuuccgcuuugcugcugauC..... 4 1 c15
.....ugucuuuuuccgcuuugcugcugauU..... 25 1 c15
.....ugucuuuuuccgcuuugcugcugauaU..... 5 1 c15
.....ugucuuuuuccgcuuugcugcugUuaa..... 1 1 c15
.....ugucuuuuuccgcuuugcugcugauUau..... 1 1 c15
.....gucuuuuuccgcuuugcugcug..... 3 0 c15
.....gucuuuuuccgcuuugcugcuga..... 2 0 c15
.....ucuuuuuccgcuuugcugcug..... 1 0 c15
.....ucuuuuuccgcuuugcugcugau..... 2 0 c15
.....cuuuuuccgcuuugcugcu..... 1 0 c15
.....uuuuuccgcuuugcugcug..... 1 0 c15
.....uuuuuccgcuuugcugcugU..... 1 1 c15
.....uuuuccgcuuugcugcuA..... 1 1 c15
.....uaauuaugauuaugucaacag..... 1 0 c15
.....augucaacagcaaagagaaa..... 1 0 c15
.....aacagcaaagagaaaaggucu..... 1 0 c15

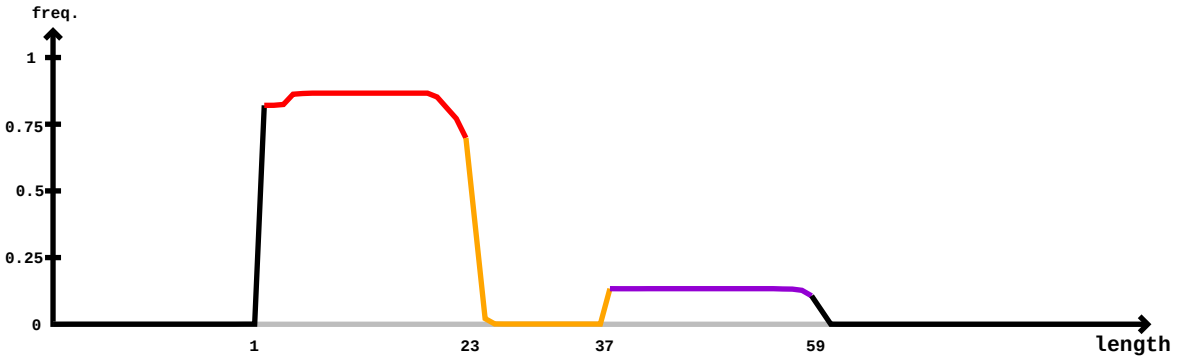
Mature Star

gcgaaaguucuccauaaauuugucuuuuuccgcuuugcugcugauaauuaugauuauguca**acagcaaagagaaaaggucucc**uuuaugagaacuuccuccguggcaacga

..........aacagcaaagagaaaaggucuc..........	2	0	c15
..........aacagcaaagagaaaaggucucc..........	8	0	c15
..........aacagcaaagagaaaaggucuccu..........	1	0	c15
..........acagcaaagagaaaaggucuc..........	6	0	c15
..........acagcaaagagaaaaggucucc..........	74	0	c15
..........acagcaaagagaaaaggCcucc..........	1	1	c15
..........acagcaaagagaaaaggGcucc..........	2	1	c15
..........acagcaaagagaaaaggucucA..........	1	1	c15
..........Ucagcaaagagaaaaggucucc..........	2	1	c15
..........acagcaaagagaaaaggucuccA..........	3	1	c15
..........acagcaaagagaaaaggucuccu..........	4	0	c15
..........acagcaaagagaaaaggucuccuA..........	1	1	c15

Provisional ID	:	group14_24552
Score total	:	2299.7
Score for star read(s)	:	3.9
Score for read counts	:	2288.7
Score for mfe	:	2.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	4501
Mature read count	:	3900
Loop read count	:	0
Star read count	:	601





Mature **Star**

```
5'- cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa  -3'   obs
    cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa        exp
    .....(.(((((((..(((((((.(((((((.(((.(((((((.(((...))).)))..)))))))))).)))))))..)))))))))))(((((((........)))))))..  reads    mm    sample
    ..................ucaauuccguagugcauu.....................................................................................  14       0     c09
    ..................ucaauuccguagugcauug.....................................................................................  3        0     c09
    ..................ucaauuccguagugcauugc....................................................................................  6        0     c09
    ..................Acaauuccguagugcauugca...................................................................................  1        1     c09
    ..................ucaauuccguagugcauugca...................................................................................  12       0     c09
    ..................Acaauuccguagugcauugcag..................................................................................  2        1     c09
    ..................ucaauuccAuagugcauugcag..................................................................................  1        1     c09
    ..................ucaauuccguagugcauugcag..................................................................................  24       0     c09
    ..................Gcaauuccguagugcauugcagu.................................................................................  4        1     c09
    ..................uUaauuccguagugcauugcagu.................................................................................  1        1     c09
    ..................ucaauuUcguagugcauugcagu.................................................................................  1        1     c09
    ..................ucaauuccguaCugcauugcagu.................................................................................  1        1     c09
    ..................ucaauuccguagugcauugcagu.................................................................................  75       0     c09
    ..................ucaauuccguagugAauugcagu.................................................................................  1        1     c09
    ..................ucaauuccguaguCcauugcagu.................................................................................  1        1     c09
    ..................ucaauuccguagugcauugcaguA................................................................................  1        1     c09
    ..................ucaauuccguagugcauugcaguU................................................................................  2        1     c09
    ..................ucaauuccguagugcauugcagugcauccugccccc....................................................................  1        0     c09
    ....................aauuccguagugcauugcagu..................................................................................  2        0     c09
    ....................auuccguagugcauugca.....................................................................................  1        0     c09
    ....................auuccguagugcauugcag....................................................................................  3        0     c09
    ....................auuccguagugcaCugcagu...................................................................................  1        1     c09
    ....................auuccguagugcauugcagu...................................................................................  13       0     c09
    ....................auuccguagugAauugcagu...................................................................................  1        1     c09
    ....................Cuuccguagugcauugcagu...................................................................................  1        1     c09
    ......................uuccguagugcauugcagu...................................................................................  1        0     c09
    ........................uccguagugcauugcagu...................................................................................  2        0     c09
    ..........................................................ugcaagcagugcggaagu...........................................  1        0     c09
    ..........................................................Ggcaagcagugcggaagugag........................................  1        1     c09
    ..........................................................ugcaagcagugcggaagugag........................................  1        0     c09
    ..........................................................Ggcaagcagugcggaagugagg.......................................  1        1     c09
    ..........................................................ugcaagcagugcggaagugagg.......................................  17       0     c09

    cugcggagggugucgaggcc....................................................................................................  1        0     c16
```

Mature Star

cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa

.....ccucaauuccguagugcauugcag.....	1	0	c16
.....ucaauuccguagugcauu.....	38	0	c16
.....ucaauuccguUgugcauu.....	1	1	c16
.....Gcaauuccguagugcauu.....	2	1	c16
.....ucaauucAguagugcauu.....	1	1	c16
.....ucaauucAguagugcauug.....	1	1	c16
.....ucaauuccguagugcauuU.....	4	1	c16
.....ucaauuccguagugcauug.....	143	0	c16
.....Gcaauuccguagugcauug.....	14	1	c16
.....ucaauuAcguagugcauug.....	1	1	c16
.....ucaauuccguagugcauuA.....	1	1	c16
.....ucaauuccguagugcauCgc.....	1	1	c16
.....ucaauAccguagugcauugc.....	1	1	c16
.....ucaauuccguagugcauugU.....	7	1	c16
.....ucaauuccguagugcauugc.....	150	0	c16
.....ucaauuAcguagugcauugc.....	1	1	c16
.....Gcaauuccguagugcauugc.....	8	1	c16
.....ucaauuccCuagugcauugca.....	1	1	c16
.....ucaauuccAuagugcauugca.....	2	1	c16
.....ucaauuccguagugcauugcU.....	2	1	c16
.....Gcaauuccguagugcauugca.....	16	1	c16
.....ucaauuccguagugcauugca.....	261	0	c16
.....ucaauuccguagugcCuugca.....	1	1	c16
.....Acaauuccguagugcauugca.....	2	1	c16
.....ucaauuccUuagugcauugca.....	1	1	c16
.....ucaaAuccguagugcauugca.....	1	1	c16
.....ucaauuccguagugcaAugca.....	1	1	c16
.....ucaauuccguagugcauugcC.....	1	1	c16
.....ucaauuAcguagugcauugca.....	1	1	c16
.....ucaauuccUuagugcauugcag.....	2	1	c16
.....ucaaAuccguagugcauugcag.....	1	1	c16
.....ucaauuccgAagugcauugcag.....	1	1	c16
.....ucaauuccguaUugcauugcag.....	1	1	c16
.....ucaauucUguagugcauugcag.....	2	1	c16
.....uAaauuccguagugcauugcag.....	3	1	c16
.....ucaauuAcguagugcauugcag.....	1	1	c16
.....ucaauuccguagugcauuCcag.....	1	1	c16
.....ucaauuccguagugcauCgcag.....	1	1	c16
.....ucaauuccguagugcauugGag.....	1	1	c16
.....ucaauuccguagugcauugcaU.....	2	1	c16
.....ucaauuccguagugcauugAag.....	3	1	c16
.....ucaauuccguagugcauugUag.....	1	1	c16
.....ucaauuccguagugcauugcaC.....	1	1	c16
.....ucaauuccguagugcauugcag.....	1231	0	c16
.....ucaauuccguagugAauugcag.....	5	1	c16
.....ucaauucAguagugcauugcag.....	2	1	c16
.....ucaauuccguagugcauugcCg.....	1	1	c16
.....ucaauuccguagugcauugcGg.....	1	1	c16
.....ucaGuuccguagugcauugcag.....	1	1	c16
.....uUaauuccguagugcauugcag.....	1	1	c16
.....ucaauuccguagugcauAgcag.....	1	1	c16
.....Acaauuccguagugcauugcag.....	3	1	c16
.....Gcaauuccguagugcauugcag.....	109	1	c16
.....ucaauuccguaguCcauugcag.....	2	1	c16
.....ucaauuccguaCugcauugcag.....	1	1	c16
.....ucaauuccguagugcGuugcag.....	1	1	c16
.....ucaauuccguagugcauCgcagu.....	1	1	c16
.....ucaauCccguagugcauugcagu.....	1	1	c16
.....ucaauuccgAagugcauugcagu.....	1	1	c16
.....ucaauucAguagugcauugcagu.....	4	1	c16
.....ucaauuccguagugcauugcagC.....	1	1	c16
.....ucaauuccguagugcauuCcagu.....	1	1	c16
.....ucaauuccguagugcauugcaAu.....	1	1	c16
.....Gcaauuccguagugcauugcagu.....	88	1	c16
.....ucaauuccguagugcaAugcagu.....	1	1	c16
.....ucaauuccguagugcauugcagG.....	1	1	c16
.....ucaauuccguaguCcauugcagu.....	1	1	c16
.....ucaauuccguGgugcauugcagu.....	2	1	c16
.....ucaauuccguagugcauAgcagu.....	3	1	c16
.....uUaauuccguagugcauugcagu.....	1	1	c16

Mature Star

cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa

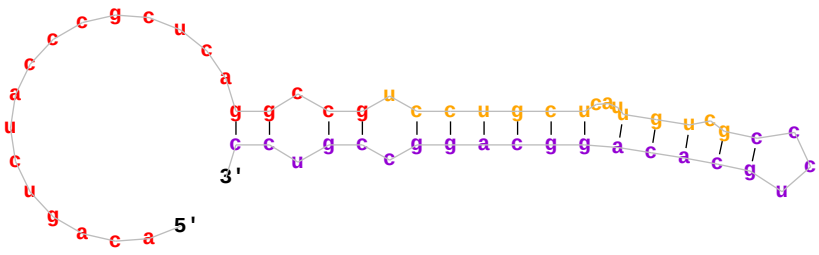
.....ucaauuAcguagugcauugcagu.....	3	1	c16
.....uAaauuccguagugcauugcagu.....	1	1	c16
.....ucaaAuccguagugcauugcagu.....	1	1	c16
.....ucaauuccguagAgcauugcagu.....	1	1	c16
.....Acaauuccguagugcauugcagu.....	3	1	c16
.....ucaauuccguagugcauugUagu.....	5	1	c16
.....ucaauucUguagugcauugcagu.....	1	1	c16
.....ucaauuccguagCgcauugcagu.....	1	1	c16
.....ucaauuccguagugAauugcagu.....	1	1	c16
.....ucaauuccguagugcauugcagA.....	6	1	c16
.....ucaauuccguaCugcauugcagu.....	2	1	c16
.....ucaauuccguagugcauugcagu.....	1047	0	c16
.....ucaauuccCuagugcauugcagu.....	1	1	c16
.....Gcaauuccguagugcauugcagug.....	1	1	c16
.....ucaauuccguagugcauugcaguA.....	7	1	c16
.....ucaauuccguagugcauugcaguU.....	54	1	c16
.....ucaauuccguagugcauugcagug.....	11	0	c16
.....ucaauuccguagugcauugcagugU.....	2	1	c16
.....ucaauuccguagugcauugcagugcauccugcccc.....	1	0	c16
.....ucaauuccguagugcauugcagugcauccugccccc.....	1	0	c16
.....aauuccguagugcauugc.....	1	0	c16
.....Cauuccguagugcauugcag.....	1	1	c16
.....aauuccguagugcauugcag.....	3	0	c16
.....aauuccguagugcauugcagu.....	5	0	c16
.....Cauuccguagugcauugcagu.....	1	1	c16
.....auuccguagugcauugca.....	11	0	c16
.....Cuuccguagugcauugca.....	1	1	c16
.....Cuuccguagugcauugcag.....	12	1	c16
.....auuAcguagugcauugcag.....	1	1	c16
.....auuccguagugcauugcag.....	49	0	c16
.....auuccguagugAauugcagu.....	1	1	c16
.....auuccguagugcauugcagu.....	53	0	c16
.....Cuuccguagugcauugcagu.....	5	1	c16
.....auuccguaCugcauugcagu.....	1	1	c16
.....auuccguagugcauugcaguU.....	1	1	c16
.....uuccguagugcauugcag.....	3	0	c16
.....uuccguagugcauugcagu.....	6	0	c16
.....uuccguagugcauugcaguC.....	1	1	c16
.....uccguagugcauugcagu.....	3	0	c16
.....Gccguagugcauugcagu.....	1	1	c16
.....ugcaagcagugcggaagu.....	4	0	c16
.....Ggcaagcagugcggaagug.....	1	1	c16
.....ugcaagcagugcggaagug.....	1	0	c16
.....ugcaagcagugcggaaguga.....	15	0	c16
.....Ggcaagcagugcggaaguga.....	3	1	c16
.....ugcaagcagugcggaagugaU.....	1	1	c16
.....Ggcaagcagugcggaagugag.....	4	1	c16
.....ugcaagcagugcggaagugag.....	76	0	c16
.....Ggcaagcagugcggaagugagg.....	17	1	c16
.....ugcaagcagugcggaagugagU.....	1	1	c16
.....ugcaagcagugcggaagugaCg.....	1	1	c16
.....ugcaagcagugcggaagugagg.....	381	0	c16
.....ugcaaUcagugcggaagugagg.....	1	1	c16
.....ugcaagcaguUcggaagugagg.....	1	1	c16
.....ugcaCgcagugcggaagugagg.....	1	1	c16
.....ugcaagcagugcggaagugaggU.....	5	1	c16
.....ugcaagcagugcggaagugaggA.....	1	1	c16
.....ugcaagcagugcggaagugaggUu.....	1	1	c16
.....agcagugcggaagugagg.....	1	0	c16
.....ucaauuccguagugcauugcag.....	1	0	c04
.....ucaauuccguagugcauugcagu.....	1	0	c04
.....auuccguagugcauugcagu.....	1	0	c04
.....ucaauuccguagugcauugcag.....	18	0	c15
.....ucaauuccguagugcauugcaA.....	1	1	c15
.....ucaauuccguagugcauugcaU.....	2	1	c15
.....ucaauuccguagugcUuugcag.....	1	1	c15
.....ucaauuccguagCgcauugcagu.....	1	1	c15
.....ucaauuccguagugcauugcagA.....	1	1	c15

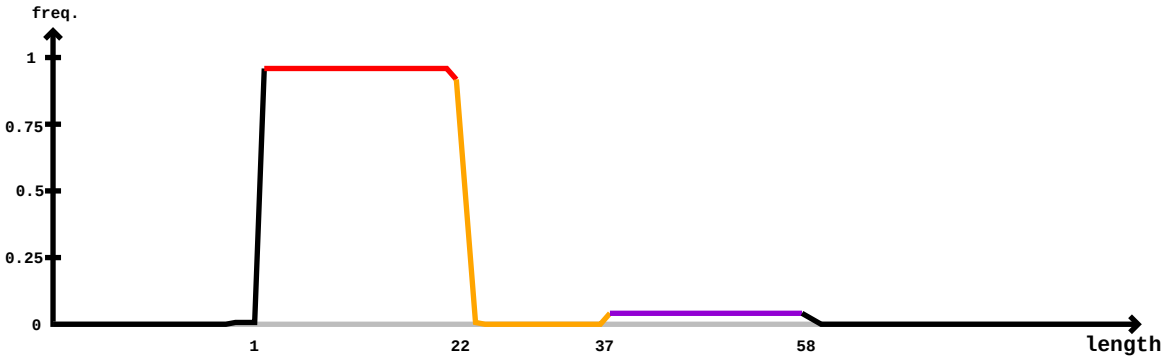
Mature Star

cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa

.....ucaauuccguagugcauugcagu.....	64	0	c15
.....ucaauuccguagugcauugcUgu.....	1	1	c15
.....ucaauuccguagugcauugcaguA.....	2	1	c15
.....ucaauuccguagugcauugcaguU.....	3	1	c15
.....caauuccguagugcauugcagu.....	1	0	c15
.....ugcaagcagugcggaaguga.....	2	0	c15
.....ugcaagcagugcggaagugag.....	4	0	c15
.....ugcaagcagugcggaagugagg.....	19	0	c15
.....ugcaagcagugcggaagugaggU.....	1	1	c15
.....ucaauuAcguagugcauu.....	1	1	c02
.....ucaauuccguagugcauu.....	7	0	c02
.....Gcaauuccguagugcauu.....	1	1	c02
.....uUaauuccguagugcauug.....	1	1	c02
.....ucaauuccguagugcauug.....	14	0	c02
.....Gcaauuccguagugcauug.....	1	1	c02
.....ucaauuccguagugcauugc.....	5	0	c02
.....Gcaauuccguagugcauugc.....	2	1	c02
.....ucaauuccguagugcauugca.....	7	0	c02
.....Gcaauuccguagugcauugca.....	1	1	c02
.....ucaauuccguagugcauugcag.....	14	0	c02
.....ucaauuccguagugcauugcagu.....	81	0	c02
.....Gcaauuccguagugcauugcagu.....	5	1	c02
.....Acaauuccguagugcauugcagu.....	1	1	c02
.....ucaauuccguagugcauugcaguC.....	1	1	c02
.....ucaauuccguagugcauugcagug.....	2	0	c02
.....ucaauuccguagugcauugcaguU.....	4	1	c02
.....ucaauuccguagugcauugcagugcauccugcccccu.....	1	0	c02
.....aauuccguagugcauugcagu.....	1	0	c02
.....auuccguagugcauugca.....	3	0	c02
.....auuccguagugcauugcag.....	4	0	c02
.....Cuuccguagugcauugcag.....	2	1	c02
.....auuccguagugcauugAagu.....	1	1	c02
.....Cuuccguagugcauugcagu.....	1	1	c02
.....auuccguagugcauugcagu.....	6	0	c02
.....uuccguagugcauugcagu.....	1	0	c02
.....ugcaagcagugcggaaguga.....	1	0	c02
.....ugcaagcagugcggaagugag.....	6	0	c02
.....Ggcaagcagugcggaagugagg.....	1	1	c02
.....ugcaagcagugcggaagugagg.....	29	0	c02
.....ugcaagcagugcggaagugaggU.....	1	1	c02

Provisional ID	:	group14_24560
Score total	:	70.6
Score for star read(s)	:	3.9
Score for read counts	:	67.9
Score for mfe	:	1.5
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	145
Mature read count	:	139
Loop read count	:	0
Star read count	:	6





Mature **Star**

```
5'- cgcuaaaagcugcgcggcggacagucuacccgcucaggccguccugcucauugucgcccugcacaggcaggccgucc gucucgcaugcuaaccgucaccgaucaacuuauc  -3'   obs
    cgcuaaaagcugcgcggcggacagucuacccgcucaggccguccugcucauugucgcccugcacaggcaggccgucc gucucgcaugcuaaccgucaccgaucaacuuauc        exp
    .......(((((((.(((((((.((((.((..(((((.((..(........).)).)))))..).)).)))))).)))))))).))))..........................  reads    mm       sample
    ...................Ccagucuacccgcucaggccg.....................................................................  4        1        c16
    ...................acagucuacccgcucaggccg.....................................................................  1        0        c16

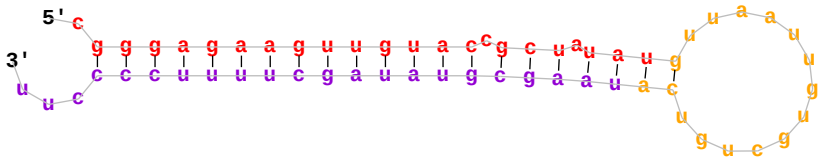
    ...................acagucuacccgcucaggccg.....................................................................  1        0        c04

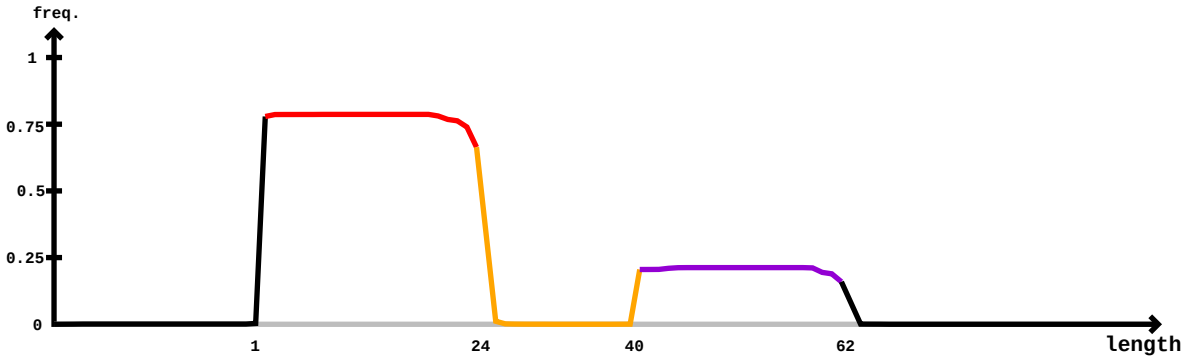
    .................Gggacagucuacccgcucaggccg.....................................................................  1        1        c09
    ...................acagucuacccgcucaggcc......................................................................  6        0        c09
    ...................acagucuacccgcucaggccg.....................................................................  64       0        c09
    ...................Ccagucuacccgcucaggccg.....................................................................  4        1        c09
    ...................aAagucuacccgcucaggccg.....................................................................  1        1        c09
    ...................acagucuacccgcucaggccgG....................................................................  1        1        c09
    ...................acagucuacccgcucaggccgu....................................................................  3        0        c09
    ..........................................................cccugcacaggcaggccgucc.....................................  1        0        c09

    ...................Ccagucuacccgcucaggccg.....................................................................  13       1        c02
    ...................acagucuacccgcucaggccg.....................................................................  33       0        c02
    ...................acagucuacccgcGcaggccg.....................................................................  1        1        c02
    ...................acagucuacccgcuUaggccg.....................................................................  1        1        c02
    ...................acagucuacccgcucaggccgu....................................................................  1        0        c02
    ...................Ccagucuacccgcucaggccgu....................................................................  1        1        c02
    ...................acagucuacccgcucaggccguU...................................................................  1        1        c02
    ..........................................................cccugcacaggcaggccgucc.....................................  4        0        c02
    ..........................................................cccugcacaggcaggccguccU....................................  1        1        c02

    ...................acagucuacccgcucaggccg.....................................................................  3        0        c15
```

Provisional ID	:	group14_24566
Score total	:	3669.8
Score for star read(s)	:	3.9
Score for read counts	:	3659.7
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	7190
Mature read count	:	5663
Loop read count	:	0
Star read count	:	1527





Mature **Star**

```
5'- gauuaugcuguguaacugaacgggagaaguuguaccgcuauauguuaauugugcugucauaagcguauagcuuuucccuuggguuaugcaagcugagaccaucgccagccaga -3'    obs
    gauuaugcuguguaacugaacgggagaaguuguaccgcuauauguuaauugugcugucauaagcguauagcuuuucccuuggguuaugcaagcugagaccaucgccagccaga      exp
    ........((((((((((..(((((((((((((((.(((.((((.............)))))))))))))))))))).)))))))))).((((.((...)).))))....
    gauuaugcuguguaacugaa.....................................................................................................  reads   mm   sample
    ..................acgggagaaguuguaccgcuaua.....................................................................................  1       0    c15
    ..................acgggagaaguuguaccgcuauau....................................................................................  1       0    c15
    ..................Ccgggagaaguuguaccgcuauaug...................................................................................  1       1    c15
    ..................acgggagaaguuguaccgcuauaug...................................................................................  8       0    c15
    ..................acgggagaaguuguaccgcuauauA...................................................................................  1       1    c15
    ..................acgggagaaguuguaccgcuauauC...................................................................................  1       1    c15
    ..................cgggagaaguuguaccgc..........................................................................................  2       0    c15
    ..................cgggagaaguuguaccgcua........................................................................................  2       0    c15
    ..................cgggagaaguuguaccgcuau.......................................................................................  35      0    c15
    ..................cgggagaaguuguaccgcuUu.......................................................................................  2       1    c15
    ..................cgggagaaguuguaccgcuaua......................................................................................  233     0    c15
    ..................cgggagaaguugAaccgcuaua......................................................................................  1       1    c15
    ..................cgggagaaguuguaccgcuauU......................................................................................  2       1    c15
    ..................cgggagaaguugGaccgcuauau.....................................................................................  1       1    c15
    ..................cgggagCaguuguaccgcuauau.....................................................................................  1       1    c15
    ..................cAggagaaguuguaccgcuauau.....................................................................................  1       1    c15
    ..................cgggagaaguugAaccgcuauau.....................................................................................  1       1    c15
    ..................cgggagaaguuguaccgcuauauA....................................................................................  14      1    c15
    ..................cgggagaaUuuguaccgcuauau.....................................................................................  2       1    c15
    ..................cgggagaaguuguaccAcuauau.....................................................................................  1       1    c15
    ..................cgggagaaguuguaUcgcuauau.....................................................................................  1       1    c15
    ..................Ugggagaaguuguaccgcuauau.....................................................................................  7       1    c15
    ..................cgUgagaaguuguaccgcuauau.....................................................................................  1       1    c15
    ..................cggAagaaguuguaccgcuauau.....................................................................................  1       1    c15
    ..................Ggggagaaguuguaccgcuauau.....................................................................................  1       1    c15
    ..................cgggagaaguuguaccgcuauau.....................................................................................  1380    0    c15
    ..................cgggagaaguuguaccgcuauauC....................................................................................  1       1    c15
    ..................cUggagaaguuguaccgcuauau.....................................................................................  1       1    c15
    ..................cgggagaaguuguacUgcuauau.....................................................................................  1       1    c15
    ..................cgggagaGguuguaccgcuauaug....................................................................................  1       1    c15
    ..................cUggagaaguuguaccgcuauaug....................................................................................  1       1    c15
    ..................cgggagaaguuguaccgAuauaug....................................................................................  1       1    c15
```

Mature Star

```
gauuaugcuguguaacugaacgggagaaguuguaccgcuauauguuaauugugcuguca uaagcguauagcuuuuccccuugguuaugcaagcugagaccaucgccagccaga
.....cgggagaaguuguaccgcuauauA.....  43  1  c15
.....cgggagaaguugAaccgcuauaug.....  2  1  c15
.....cgggagaaguuguaccgcuGuaug.....  2  1  c15
.....cgggagaaguuguaccgcuauGug.....  1  1  c15
.....cgggagaaguuguaccgcuauauU.....  21  1  c15
.....Agggagaaguuguaccgcuauaug.....  4  1  c15
.....cgggagaaguuguaUcgcuauaug.....  1  1  c15
.....cgggagaaguuguaccgcuauaug.....  1127  0  c15
.....cgggagaaguuguaccgcuauauC.....  3  1  c15
.....cgggagaagAuguaccgcuauaug.....  1  1  c15
.....cgCgagaaguuguaccgcuauaug.....  1  1  c15
.....cgggagaaguuguacAgcuauaug.....  1  1  c15
.....Ugggagaaguuguaccgcuauaug.....  6  1  c15
.....cgggagaaguuguacUgcuauaug.....  1  1  c15
.....cAggagaaguuguaccgcuauaug.....  2  1  c15
.....cgggagaaguuguaccgcuauaugA.....  15  1  c15
.....cgggagaaguuguaccgcuauauUu.....  1  1  c15
.....cgggagaaguuguaccgcuauaugu.....  30  0  c15
.....cgggagaaguuguaccgcuauaugC.....  1  1  c15
.....cgggagaaguuguaccgcuauauAu.....  1  1  c15
.....cgggagaaguuguaccgcuauauguA.....  1  1  c15
.....cgggagaaguuguaccgcuauauguu.....  2  0  c15
.....cgggagaaguuguaccgcuauaugAu.....  1  1  c15
.....cgggagaaguuguaccgcuauauguuU.....  2  1  c15
.....cgggagaaguuguaccgcuauauguuUauu.....  1  1  c15
.....gggagaaguuguaccgcuaua.....  1  0  c15
.....gggagaCguuguaccgcuauau.....  1  1  c15
.....gggagaaguuguaccgcuauau.....  17  0  c15
.....gggagaaguuguaccgcuauaug.....  13  0  c15
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.....gggagaaguuguaccgcuauaugu.....  1  0  c15
.....gggagaaguuguaccgcuauauUu.....  1  1  c15
.....uaagcguauagcuuuucc.....  1  0  c15
.....uaagcguauagcuuuuccccc.....  1  0  c15
.....uaagcguauagcuuuuccccG.....  1  1  c15
.....uaagcguauagcuuuuccccA.....  4  1  c15
.....uaagcguauagcuuuuccccu.....  20  0  c15
.....uaagcguauagcuuuuccccuC.....  4  1  c15
.....uaagcguauagcuuuuccccGu.....  2  1  c15
.....uaagcguauagcuuuucccUuu.....  1  1  c15
.....uaagcguauagcuuuuccccuA.....  7  1  c15
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.....uaagcgGauagcuuuuccccuu.....  1  1  c15
.....uaagcguauagcuuuuccccuu.....  622  0  c15
.....uaagcguauagcCuuuccccuu.....  1  1  c15
.....uaagcguauagcuuuuccccAu.....  1  1  c15
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.....uaagUguauagcuuuuccccuu.....  3  1  c15
.....uaagcguauagcuuuucccGuu.....  1  1  c15
.....Caagcguauagcuuuuccccuu.....  1  1  c15
.....uaagcguauagcuuuuccccuuC.....  1  1  c15
.....uaagcguauagcuuuuccccuuU.....  51  1  c15
.....uaagcguauagcuuuuccccuuA.....  3  1  c15
.....aagcguauagcuuuuccccuu.....  1  0  c15
.....gcguauagcuuuuccccuu.....  1  0  c15
.....cguauagcuuuuccccuu.....  1  0  c15

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.....acgggagaaguuguaccgcuauaug.....  1  0  c02
.....cgggagaaguuguaccgc.....  1  0  c02
.....cgggagaaguuguaccgcu.....  3  0  c02
.....cgggagaaguuguaccgcua.....  2  0  c02
.....cgggagaaguuguaccgcuau.....  5  0  c02
.....cgggagaaguuguaccgcuaua.....  9  0  c02
.....cgggagaaguuguaccgcuauaA.....  1  1  c02
.....cgggagaaUuuguaccgcuauau.....  1  1  c02
.....cgggagaaguuguaccgcuauau.....  92  0  c02
.....cgggagaaguuguacAgcuauau.....  1  1  c02
```

Mature Star

```
gauuaugcuguguaacugaacgggagaaguuguaccgcuauauguuaauugugcugucauaagcguauagcuuuuccccuugguuaugcaagcugagaccaucgccagccaga
.....cCggagaaguuguaccgcuauaug.....  1  1  c02
.....cgggagaaguuguaccgcuauaug.....  33  0  c02
.....cgggagaaguuguaAcgcuauaug.....  1  1  c02
.....cgggagaaguuguaccgcuauaugu.....  2  0  c02
.....Cggagaaguuguaccgcu.....  1  1  c02
.....gggagaaguuguaccgcuauau.....  2  0  c02
.....gggagaaguuguaccgcuauaug.....  2  0  c02
.....Cgagaaguuguaccgcuaua.....  1  1  c02
.....cUuaagcguauagcuuuuccccu.....  1  1  c02
.....Cuaagcguauagcuuuuccccuu.....  1  1  c02
.....uaagcguauagcuuuCcc.....  1  1  c02
.....uaagcguauagcuuuucc.....  1  0  c02
.....Gaagcguauagcuuuuccc.....  1  1  c02
.....uaagcguauagcuuuuccc.....  39  0  c02
.....uaagcguauagcuuuucccU.....  1  1  c02
.....uaagcguauagcuuuucccc.....  11  0  c02
.....Gaagcguauagcuuuucccc.....  1  1  c02
.....uaaUcguauagcuuuuccccu.....  1  1  c02
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.....uGagcguauagcuuuuccccu.....  1  1  c02
.....Gaagcguauagcuuuuccccu.....  1  1  c02
.....uaagcguauagcuuuucccc.....  41  0  c02
.....uaagcCuauagcuuuuccccuu.....  1  1  c02
.....uaagcguauagcuuuuAcccuu.....  1  1  c02
.....uaagcguauagcuuuuccccuG.....  1  1  c02
.....uaaUcguauagcuuuuccccuu.....  1  1  c02
.....Gaagcguauagcuuuuccccuu.....  2  1  c02
.....uaagcguauagcuuuuccccuu.....  121  0  c02
.....uaagcguauagcuuuuccccuuU.....  3  1  c02
.....uaagcguauagcuuuuccccuug.....  1  0  c02
.....uaagcguauagcuuuuccccuugC.....  1  1  c02
.....gcguauagcuuuuccccu.....  2  0  c02
.....gcguauagcuuuuccccuu.....  7  0  c02
.....gAguauagcuuuuccccuu.....  1  1  c02
.....cguauagcuuuuccccuu.....  8  0  c02

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.....cgggagaaguuguaccgc.....  8  0  c09
.....cgggagaaguuguaccgcu.....  12  0  c09
.....cgggagaaguuguaccgcua.....  2  0  c09
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.....cgggagaaguuguaccgcuauU.....  1  1  c09
.....cgggagaaguuguaccgcuauau.....  94  0  c09
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.....cgggagaaguuguaccgcuauaug.....  25  0  c09
.....cgggagCaguuguaccgcuauaug.....  1  1  c09
.....cgUgagaaguuguaccgcuauaug.....  1  1  c09
.....cgggagaaguuguaccgcuauaugu.....  1  0  c09
.....cgggagaaguuguaccgcuauauguuaa.....  1  0  c09
.....gggagaaguuguaccgcuauaug.....  2  0  c09
.....uaagcguauagcuuuucc.....  2  0  c09
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.....uaagcguauagcuuuuccc.....  13  0  c09
.....uaaUcguauagcuuuuccc.....  1  1  c09
.....uaagcguauagcuuuucccc.....  2  0  c09
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.....uaagcguauagcuuuuccccuu.....  25  0  c09
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.....uaagcguauagcuuuuccccuug.....  1  0  c09
.....uaagcguauagcuuuuccccuuU.....  1  1  c09
.....gcguauagcuuuuccccuu.....  5  0  c09
.....cguauagcuuuuccccuu.....  2  0  c09

.aCuaugcuguguaacugaa.....  2  1  c16
.....acgggagaaguuguaccgcuauaug.....  1  0  c16
```

Mature Star

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.....cgggagaaguuguaccgc.....	28	0	c16
.....cgggagaagAuguaccgc.....	1	1	c16
.....cgggagaaguuguacAgcu.....	1	1	c16
.....cgggagaaguugAaccgcu.....	1	1	c16
.....cgggaCaaguuguaccgcu.....	1	1	c16
.....cgggagaaguuguCccgcu.....	1	1	c16
.....cgCgagaaguuguaccgcu.....	1	1	c16
.....cgggagaaguuguaccgcu.....	67	0	c16
.....cgggagaaguuguaccgAu.....	1	1	c16
.....cgggagaaguuguaccgcua.....	31	0	c16
.....cgggagaaguuguaccgcuau.....	113	0	c16
.....cgggagaaguuguaccgcuaC.....	1	1	c16
.....cgggagaaguuguUccgcuaua.....	1	1	c16
.....cgggagaaguuguaccgcuaGa.....	1	1	c16
.....cgggagaaguuguaccgAuaua.....	1	1	c16
.....cgggagaaUuuguaccgcuaua.....	1	1	c16
.....cgggagaaguuCuaccgcuaua.....	1	1	c16
.....cgggagaaguuguacAgcuaua.....	2	1	c16
.....cgggGgaaguuguaccgcuaua.....	1	1	c16
.....cUggagaaguuguaccgcuaua.....	1	1	c16
.....cgggagaaguuguaccgcuaua.....	258	0	c16
.....cgggagCaguuguaccgcuaua.....	1	1	c16
.....cgCgagaaguuguaccgcuaua.....	1	1	c16
.....cggCagaaguuguaccgcuaua.....	1	1	c16
.....cCggagaaguuguaccgcuaua.....	1	1	c16
.....cgggagaaguuguaccAcuauau.....	1	1	c16
.....cgggagaagAuguaccgcuauau.....	1	1	c16
.....cgggagaaguugAaccgcuauau.....	1	1	c16
.....cgggagaaguuguaccgcuauaC.....	1	1	c16
.....cgggagaaguuguaccUcuauau.....	2	1	c16
.....cgggagaaguuguaccgcuaAau.....	1	1	c16
.....cgggagaaguuguacUgcuauau.....	1	1	c16
.....cgggagaaguuguacAgcuauau.....	6	1	c16
.....cUggagaaguuguaccgcuauau.....	4	1	c16
.....cgggaUaaguuguaccgcuauau.....	1	1	c16
.....cgggagaaguuCuaccgcuauau.....	1	1	c16
.....cgggagaaguAguaccgcuauau.....	1	1	c16
.....cgggUgaaguuguaccgcuauau.....	2	1	c16
.....cgggagaaguuguaccgcuauau.....	1289	0	c16
.....cgggCgaaguuguaccgcuauau.....	1	1	c16
.....cgggagaaguuguaccgcuauaA.....	2	1	c16
.....cgggagaaguGguaccgcuauau.....	1	1	c16
.....cgggagaaguuguaccCcuauau.....	4	1	c16
.....cgggaCaaguuguaccgcuauau.....	2	1	c16
.....cgCgagaaguuguaccgcuauau.....	2	1	c16
.....cgggagaCguuguaccgcuauau.....	2	1	c16
.....cgggagaaguuguaccgcCauau.....	1	1	c16
.....Agggagaaguuguaccgcuauau.....	1	1	c16
.....cgggagaaguuguCccgcuauau.....	7	1	c16
.....cgggagaagGuguaccgcuauau.....	2	1	c16
.....cgUgagaaguuguaccgcuauau.....	2	1	c16
.....cgggagaaguuguaAcgcuauau.....	4	1	c16
.....cgggagaaCuuguaccgcuauau.....	3	1	c16
.....cgggagaGguuguaccgcuauau.....	1	1	c16
.....cggUagaaguuguaccgcuauau.....	2	1	c16
.....cggCagaaguuguaccgcuauau.....	2	1	c16
.....cgggagaaguCguaccgcuauau.....	1	1	c16
.....cgggagaaguuguUccgcuauau.....	1	1	c16
.....cgggagaaguuguaccgcuauauA.....	6	1	c16
.....Ugggagaaguuguaccgcuauaug.....	1	1	c16
.....cgCgagaaguuguaccgcuauaug.....	1	1	c16
.....cUggagaaguuguaccgcuauaug.....	1	1	c16
.....cgggagaaguuguCccgcuauaug.....	5	1	c16
.....cgggagaaguGguaccgcuauaug.....	1	1	c16
.....cgggagaaguuguaccgcuauauU.....	14	1	c16
.....cgggagaaguCguaccgcuauaug.....	2	1	c16
.....cgggagaaguuguaccAcuauaug.....	1	1	c16
.....cgggagaaguuguacAgcuauaug.....	1	1	c16
.....cgggagaaguAguaccgcuauaug.....	1	1	c16
.....cgggagaaguuguaccgAuauaug.....	1	1	c16

Mature Star

gauuaugcuguguaacugaacgggagaaguuguaccgcuauauguuaauugugcugucauaagcguauagcuuuuccccuugguuaugcaagcugagaccaucgccagccaga

.....cgggagaaguuguaccgcuauaGug.....	1	1	c16
.....cgggagaaguuguaccgcuauauC.....	1	1	c16
.....cgggagaaguuguacUgcuauaug.....	2	1	c16
.....cgAgagaaguuguaccgcuauaug.....	2	1	c16
.....cgggagaaguuguaccgcuauUug.....	1	1	c16
.....cgggagaaguuguaccUcuauaug.....	1	1	c16
.....cgggagaaguuguaccgcuGuaug.....	1	1	c16
.....cgggagaaguuguaccgcuauaug.....	283	0	c16
.....cgggagaaguuCuaccgcuauaug.....	2	1	c16
.....cgggagaaguuguaAcgcuauaug.....	3	1	c16
.....cgggagaaguuguaccgcuauaugu.....	11	0	c16
.....cgggagaaguuguaccgcuauaugA.....	5	1	c16
.....cgggagaaguuguaccgcuauauUu.....	1	1	c16
.....cgggagaaguuguaccgcuauauguA.....	1	1	c16
.....gggagaaguuguaccgcu.....	1	0	c16
.....gggagaaguuguaccCcuaua.....	1	1	c16
.....gggagaaguuguaccgcuaua.....	1	0	c16
.....gggagaaguuguaccgcuauau.....	6	0	c16
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.....uuaauugugcugucauaagcguauagcuuuuccccuu.....	1	0	c16
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.....Gaagcguauagcuuuuccc.....	3	1	c16
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.....uaagcguauagcuuuucccc.....	21	0	c16
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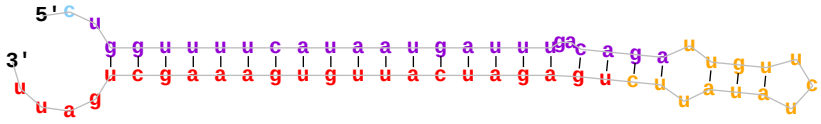
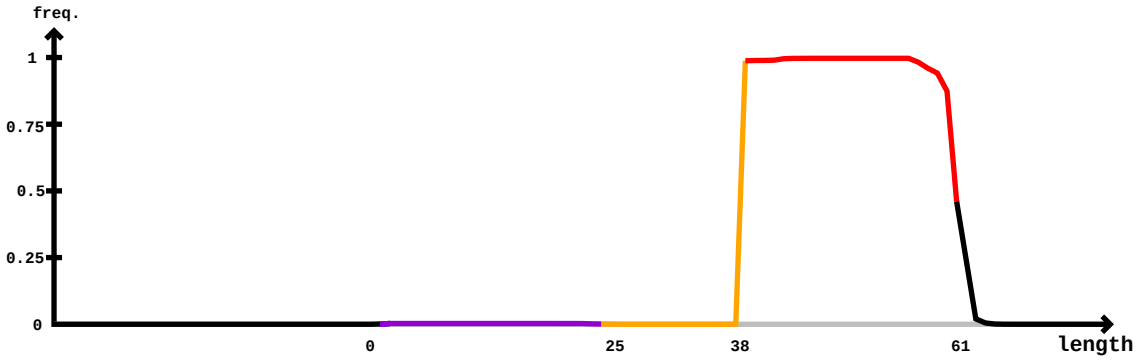
.....uaaCcguauagcuuuuccccu.....	1	1	c16
.....uaagcguauagcuuuucAccu.....	1	1	c16
.....uaagcguauagcuuuuccccu.....	116	0	c16
.....Gaagcguauagcuuuuccccu.....	3	1	c16
.....uaagcguauagUuuuuccccuu.....	1	1	c16
.....uaagcguauagcuuAuccccuu.....	1	1	c16
.....Gaagcguauagcuuuuccccuu.....	12	1	c16
.....uaagcguauagcAuuuccccuu.....	1	1	c16
.....uaagcguauagcuuuuccUcuu.....	2	1	c16
.....uaagcguauagcuuuuccccuu.....	146	0	c16
.....uaagcguauagcuuuuccccuA.....	1	1	c16
.....uaaCcguauagcuuuuccccuu.....	1	1	c16
.....Caagcguauagcuuuuccccuu.....	2	1	c16
.....uaagcguauagcuuuuccccAu.....	1	1	c16
.....uaaUcguauagcuuuuccccuu.....	2	1	c16
.....uaagcguauagcuuuuccccuG.....	2	1	c16
.....uaagcguauagcuGuuccccuu.....	1	1	c16
.....uaagcguauagcuuuuccccuuU.....	15	1	c16
.....uaagcguauagcuuuuccccuug.....	7	0	c16
.....uaagcguauagcuuuuccccuuggC.....	1	1	c16
.....uaagcguauagcuuuuccccuuggCu.....	1	1	c16
.....uaagcguauagcuuuuccccuugguu.....	1	0	c16
.....agUguauagcuuuuccccuu.....	1	1	c16
.....aAcguauagcuuuuccccuu.....	1	1	c16
.....gcguauaCcuuuuccccu.....	1	1	c16
.....gcguauagcuuuuccccu.....	3	0	c16
.....gcguauagcuuuuccccuu.....	7	0	c16
.....gGguauagcuuuuccccuu.....	1	1	c16
.....cguauagcuuuuccccuu.....	4	0	c16
.....cguauagcuuuuccccuuU.....	1	1	c16
.....guauagcuuuuccccuuU.....	1	1	c16

.....cgggagaaguuguaccgc.....	2	0	c04
.....cgggagaaguuguaccgcu.....	4	0	c04
.....cgggagaaguuguaccgcuau.....	3	0	c04
.....cgggagaaguuguaccgcuaua.....	5	0	c04
.....cgggagGaguuguaccgcuaua.....	1	1	c04
.....cgggagaaguuguaccgcuauau.....	31	0	c04
.....cgggUgaaguuguaccgcuauaug.....	1	1	c04
.....cgggagaaguuguaccgcuauauC.....	1	1	c04

Mature
Star
gauuaugcuguguaacugaacgggagaaguuguaccgcuauauguuaauugugcuguca uaagcguauagcuuuuccccuugguuaugcaagcugagaccaucgccagccaga
.....cgggagaaguuguaccgcuauaug..... 31 0 c04
.....cgggagaaguuguaccgcuauauguA..... 1 1 c04
.....gggagaaguuguaccgcuauaug..... 1 0 c04
.....uaagcguauagcuuuuccc..... 7 0 c04
.....uaagcguauagcuuuuccccc..... 1 0 c04
.....uaagcguauagcuuuuccccu..... 4 0 c04
.....uaagcguauagcuuuuccccC..... 1 1 c04
.....Gaagcguauagcuuuuccccuu..... 1 1 c04
.....uaagcguauagcuuuuccUcuu..... 1 1 c04
.....uaagcguaAagcuuuuccccuu..... 1 1 c04
.....uaagcguauagcuuuuccccuu..... 25 0 c04
.....uaagcguauagcuuuuccccuA..... 1 1 c04
.....uaagUguauagcuuuuccccuu..... 2 1 c04
.....uaaCcguauagcuuuuccccuu..... 1 1 c04
.....uaagcguauagcuuuuccccuuA..... 2 1 c04
.....gcguauagcuuuuccccuug..... 1 0 c04
.....cguauagcuuuuccccuu..... 1 0 c04
.....guauagcuuuuccccuug..... 1 0 c04

Provisional ID	:	group14_24793
Score total	:	1273497.3
Score for star read(s)	:	3.9
Score for read counts	:	1273488.2
Score for mfe	:	0.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2497904
Mature read count	:	2490618
Loop read count	:	0
Star read count	:	7286





Star **Mature**

```
5'- cgcuagaagaaagaaaaaaaggaauuacgaaacuggUUUUcauaaugauuugacagauuguucuauauucugagaucauugugaaagcugauuuuguuccuaugucga -3'   obs
    cgcuagaagaaagaaaaaaaggaauuacgaaacuggUUUUcauaaugauuugacagauuguucuauauucugagaucauugugaaagcugauuuuguuccuaugucga       exp
    ...................((((...((((((.(((((((((((((((((..((((.(((...))).)))))))))))))))))))).)))))))))).....   reads    mm       sample
    ................................cuggUUUUcauaaugauuC.....................................................   1        1        c04
    ................................cuggUUUUcauaaugauuu.....................................................   1        0        c04
    ................................cuggUUUUcauaaugauuug....................................................   1        0        c04
    ................................cuggUUUUcauaaugauuugac..................................................   1        0        c04
    ................................cuggUUUUcauaaugauuugGc..................................................   1        1        c04
    ................................cuggUUUUcauaaugauuugaca.................................................   4        0        c04
    ................................cuggUUUUcauaaugauuugacag................................................   1        0        c04
    ................................cuggUUUUcauUaugauuugacaga...............................................   1        1        c04
    ................................cuggUUUUcauaaugauuugacaga...............................................   9        0        c04
    ................................uggUUUUcauaaugauuu......................................................   4        0        c04
    ................................GggUUUUcauaaugauuugac...................................................   1        1        c04
    ................................uggUUUUcauaaugauuugac...................................................   1        0        c04
    ................................GggUUUUcauaaugauuugaca..................................................   1        1        c04
    ................................uggUUUUcauaaugauuugaca..................................................   5        0        c04
    ................................uggUUUUcauaaugauuugacU..................................................   1        1        c04
    ................................uggUUUUcauaaugauuugacaA.................................................   1        1        c04
    ................................uggUUUUcauaaugauuugacag.................................................   1        0        c04
    ................................uggUUUUcauaaugauuugacaga................................................   9        0        c04
    ................................GggUUUUcauaaugauuugacaga................................................   1        1        c04
    ................................uggUUUUcauaaugauuugacagaA...............................................   1        1        c04
    ..................................Cuuucauaaugauuugacaga.................................................   1        1        c04
    ..................................uuuucauaaugauuugacaga.................................................   2        0        c04
    ...................................uuucauaaugauuugaca....................................................   2        0        c04
    ...................................uuucauaaugauuugacag...................................................   1        0        c04
    ...................................uuucauaaugauuugacaga..................................................   2        0        c04
    ....................................................................Guucugagaucauugugaaagcugau.............   1        1        c04
    ....................................................................auucugagaucauugugaaagcugau.............   1        0        c04
    ....................................................................Guucugagaucauugugaaagcugauu............   1        1        c04
    .....................................................................uCcugagaucauugugaaagcuga..............   1        1        c04
    .....................................................................uuUugagaucauugugaaagcugauu............   1        1        c04
    ....................................................................Aucugagaucauugugaaagcugauu............   1        1        c04
    ....................................................................Cucugagaucauugugaaagcugauu............   1        1        c04
    .....................................................................ucugagaucauugugaaagc.................   1        0        c04
```

Star Mature

cgcuagaagaaagaaaaaaaggaauuacgaaacuggguuuucauaaugauuugacagauuguuucuauauucugagaucauugugaaagcugauuuuguuccuaugucga

.....uAugagaucauugugaaagc.....	1	1	c04
.....uUugagaucauugugaaagcuga.....	1	1	c04
.....uGugagaucauugugaaagcugau.....	1	1	c04
.....uUugagaucauugugaaagcugau.....	2	1	c04
.....uAugagaucauugugaaagcugau.....	1	1	c04
.....ucugagaucauugugaaagcugauu.....	1	0	c04
.....Ccugagaucauugugaaagcugauu.....	1	1	c04
.....cugagaucauugugaaagcuga.....	1	0	c04
.....cugagaucauugugaaagcugau.....	2	0	c04
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.....cugagaucauugugaaagcugauuC.....	1	1	c04
.....ugagaucauugugaaagU.....	2	1	c04
.....ugagaucauugugaaCgc.....	1	1	c04
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.....Agagaucauugugaaagc.....	7	1	c04
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.....ugagaucauuUugaaagc.....	1	1	c04
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.....ugagauAauugugaaagc.....	2	1	c04
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Star Mature

cgcuagaagaaagaaaaaaaggaauuacgaaacuggguuuucauaaugauuugacagauuguuucuauauucugagaucauugugaaagcugauuuuguuccuaugucga

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.....ugagaucauugugaaaCcuga.....	3	1	c04
.....ugagaucauuUugaaagcuga.....	1	1	c04
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.....ugagaucauugugaaagcCgau.....	6	1	c04
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Star Mature

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.....ugagaucauuguAaaagcugau.....	4	1	c04
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.....ugaUaucauugugaaagcugau.....	4	1	c04
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.....ugagaucauugugaaagcGgau.....	1	1	c04
.....ugagaucaCugugaaagcugau.....	2	1	c04
.....ugagaucauugugaGagcugau.....	2	1	c04
.....ugagaucaAugugaaagcugau.....	3	1	c04
.....ugagaucauugugaaagcAgau.....	6	1	c04
.....ugagaucauugugaUagcugau.....	3	1	c04
.....ugagaucauuguUaaagcugau.....	3	1	c04
.....ugagaucauugugaaagcugCuu.....	4	1	c04
.....ugagaucauugugaaUgcugauu.....	3	1	c04
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.....ugagaucauugugaaagcuUauu.....	3	1	c04
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.....ugagaucauugugaaagcugauG.....	48	1	c04
.....ugagaucauugugaaagcuCauu.....	8	1	c04
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.....ugagaucauuUugaaagcugauu.....	5	1	c04
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.....ugagCucauugugaaagcugauu.....	19	1	c04
.....ugagaucauugugaaagcugaCu.....	9	1	c04
.....ugagaucUuugugaaagcugauu.....	1	1	c04
.....ugagaucauugugaaagcGgauu.....	1	1	c04
.....ugagGucauugugaaagcugauu.....	2	1	c04
.....ugagaucauugugaaagcugaGu.....	9	1	c04
.....ugagaucauugGgaaagcugauu.....	2	1	c04
.....ugagaucauugugaaagAugauu.....	14	1	c04
.....ugagaucaAugugaaagcugauu.....	6	1	c04
.....uUagaucauugugaaagcugauu.....	11	1	c04
.....ugaAaucauugugaaagcugauu.....	3	1	c04
.....ugGgaucauugugaaagcugauu.....	5	1	c04
.....ugagaucauugAgaaagcugauu.....	7	1	c04
.....ugagaucauugugaaaUcugauu.....	5	1	c04

Star Mature

cgcuagaagaaagaaaaaaaggaauuacgaaacugggauuuucauaaugauuugacagauuguuucuauauucugagaucauugugaaagcugauuuuguuccuaugucga

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.....ugagUucauugugaaagcugauu.....	1	1	c04
.....ugagaucauugugaaagcugaAu.....	4	1	c04
.....ugagaucauugugaaCgcugauu.....	4	1	c04
.....uCagaucauugugaaagcugauu.....	3	1	c04
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.....ugagaucauuAugaaagcugauu.....	5	1	c04
.....ugagaucauugugaaGgcugauu.....	11	1	c04
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.....ugagaucauugugaaaCcugauu.....	5	1	c04
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.....ugagaucauuguCaaagcugauu.....	10	1	c04
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.....ugagaucauugugaaagcugauC.....	28	1	c04
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.....ugagaucauugugaaaCcugauuu.....	3	1	c04
.....Cgagaucauugugaaagcugauuu.....	1	1	c04
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.....Agagaucauugugaaagcugauuu.....	3	1	c04
.....ugagaucauugCgaaagcugauuu.....	1	1	c04
.....ugagaucauugugaaagcugauAu.....	27	1	c04
.....uAagaucauugugaaagcugauuu.....	1	1	c04
.....Ggagaucauugugaaagcugauuu.....	37	1	c04
.....ugagaucauuguCaaagcugauuu.....	1	1	c04
.....ugagaucauugugaaagcuAauuu.....	1	1	c04
.....ugagaucauugugaaagcugauuG.....	35	1	c04
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.....ugagaucauugugaaagcugauGu.....	3	1	c04
.....ugagaucauuAugaaagcugauuu.....	1	1	c04
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.....ugagaucauugugaaagcugauAuu.....	4	1	c04
.....Ggagaucauugugaaagcugauuuu.....	8	1	c04
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.....ugagaucauugugaaagcugauuuG.....	4	1	c04
.....ugagaucauugugaaagcugauuGu.....	5	1	c04
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.....ugagaucauugugaaagcugauuuA.....	26	1	c04
.....ugagaucauugugaaagcugauuuGg.....	1	1	c04
.....ugagaucauugugaaagcugauuuuC.....	1	1	c04
.....ugagaucauugugaaagcugauuuuA.....	5	1	c04
.....ugagaucauugugaaagcugauuuuU.....	46	1	c04
.....ugagaucauugugaaagcugauuAug.....	1	1	c04
.....ugagaucauugugaaagcugauuuug.....	1	0	c04
.....ugagaucauugugaaagcugauuuuUu.....	3	1	c04
.....ugagaucauugugaaagcugauuCugu.....	1	1	c04
.....gagaucauugugaaagcuga.....	1	0	c04
.....gagaucauugugaaagcugau.....	3	0	c04

Star Mature

cgcuagaagaaagaaaaaaaggaauuacgaaacuggguuuucauaaugauuugacagauuguuucuauauucugagaucauugugaaagcugauuuuguuccuaugucga

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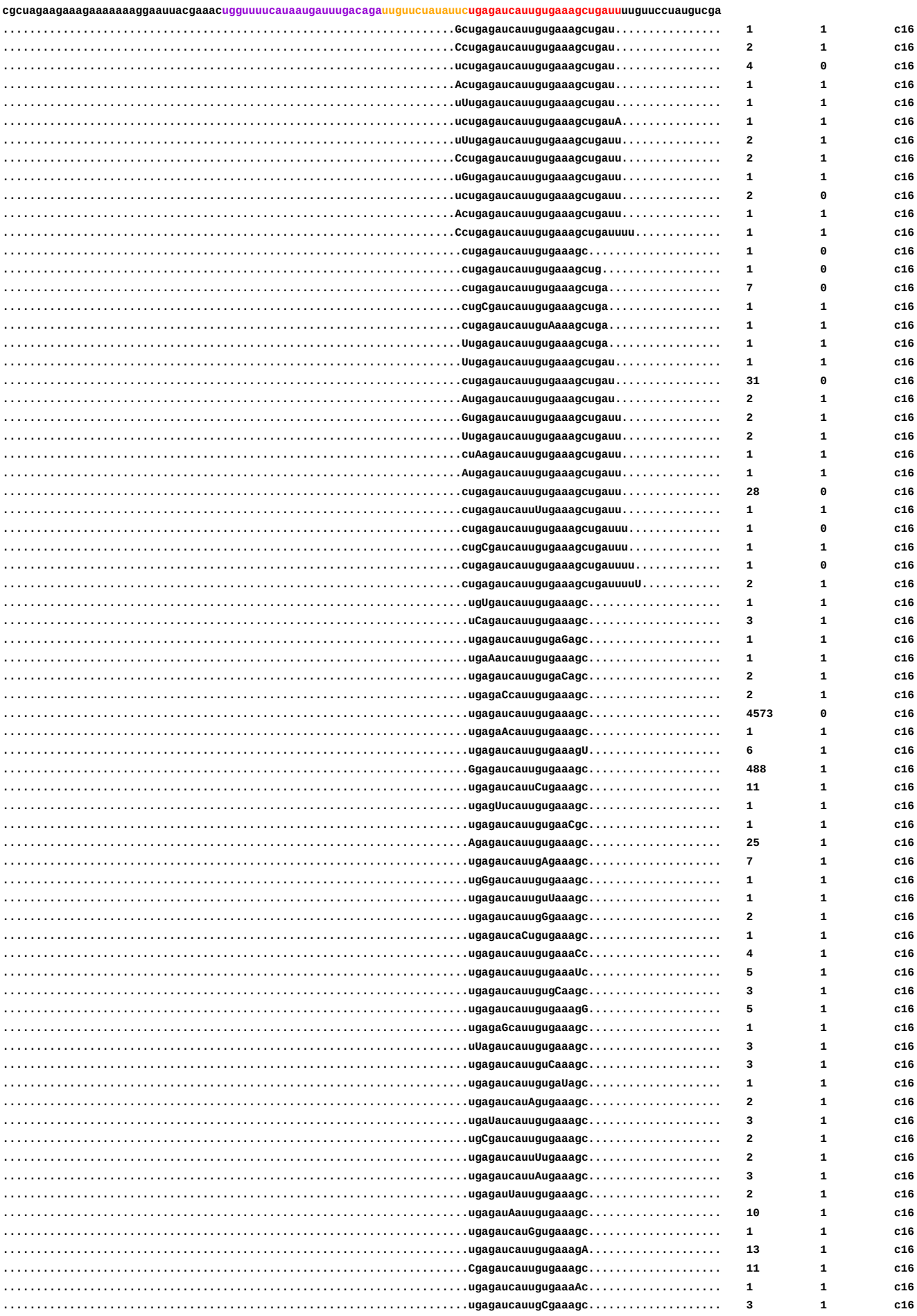
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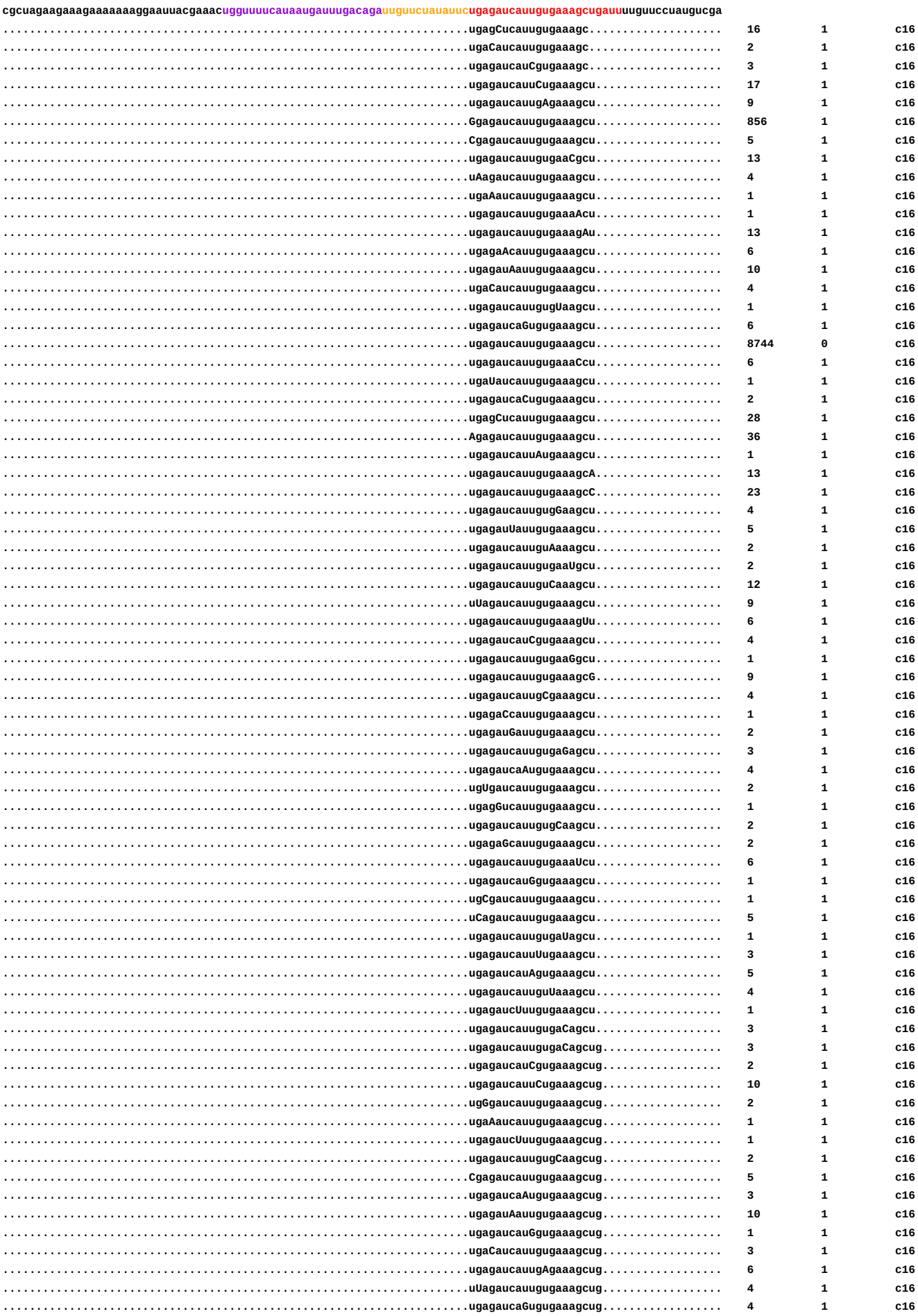
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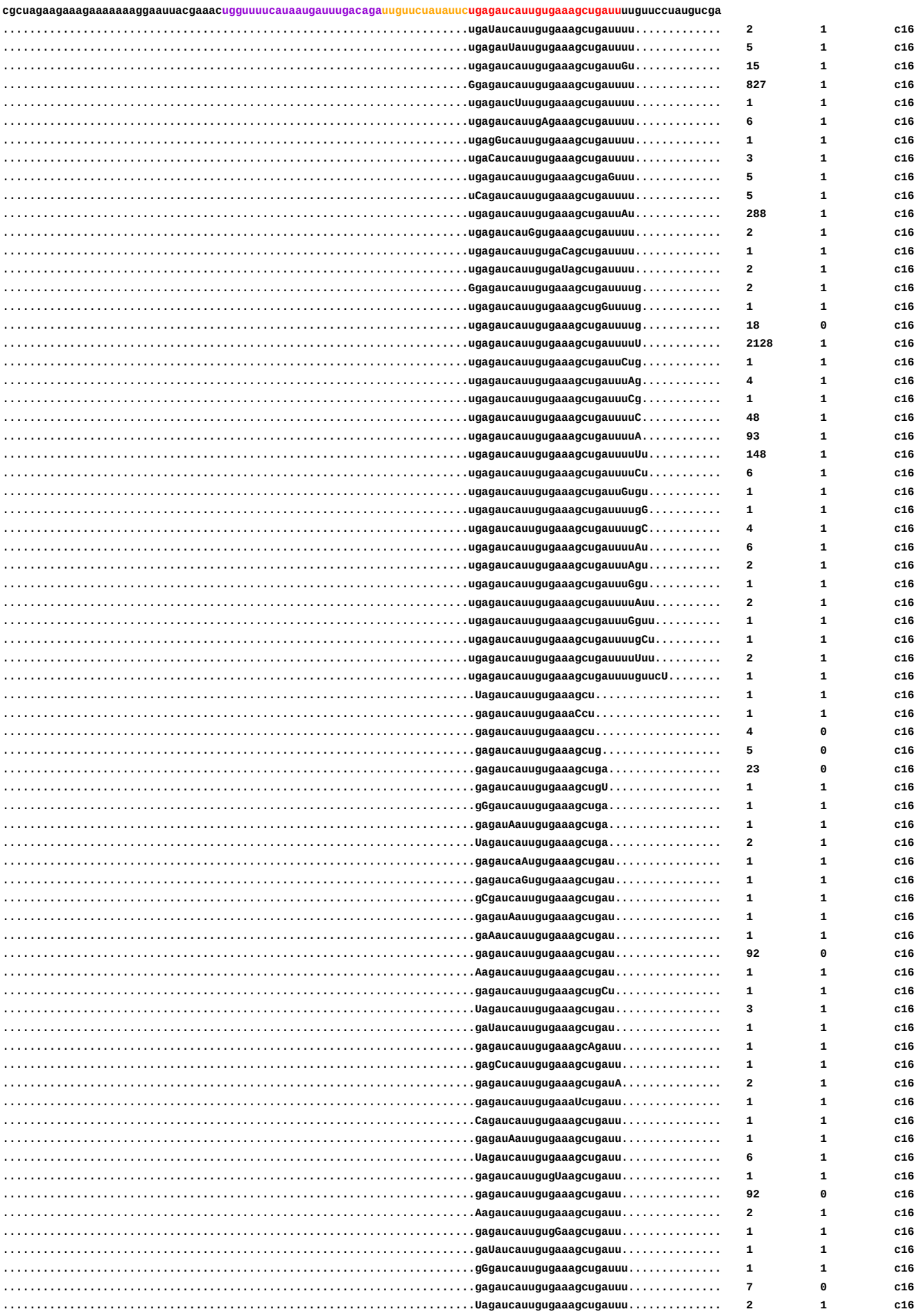
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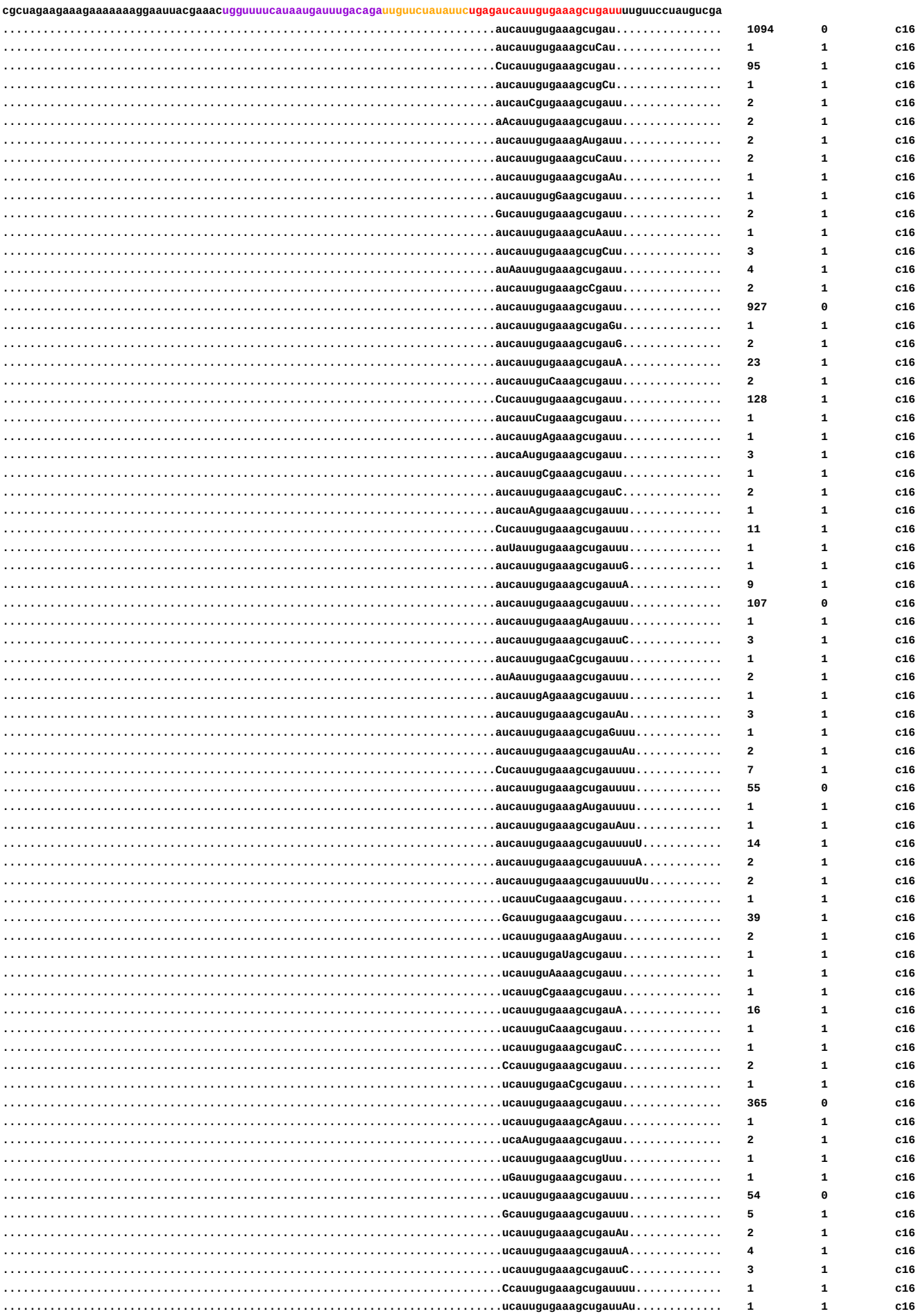
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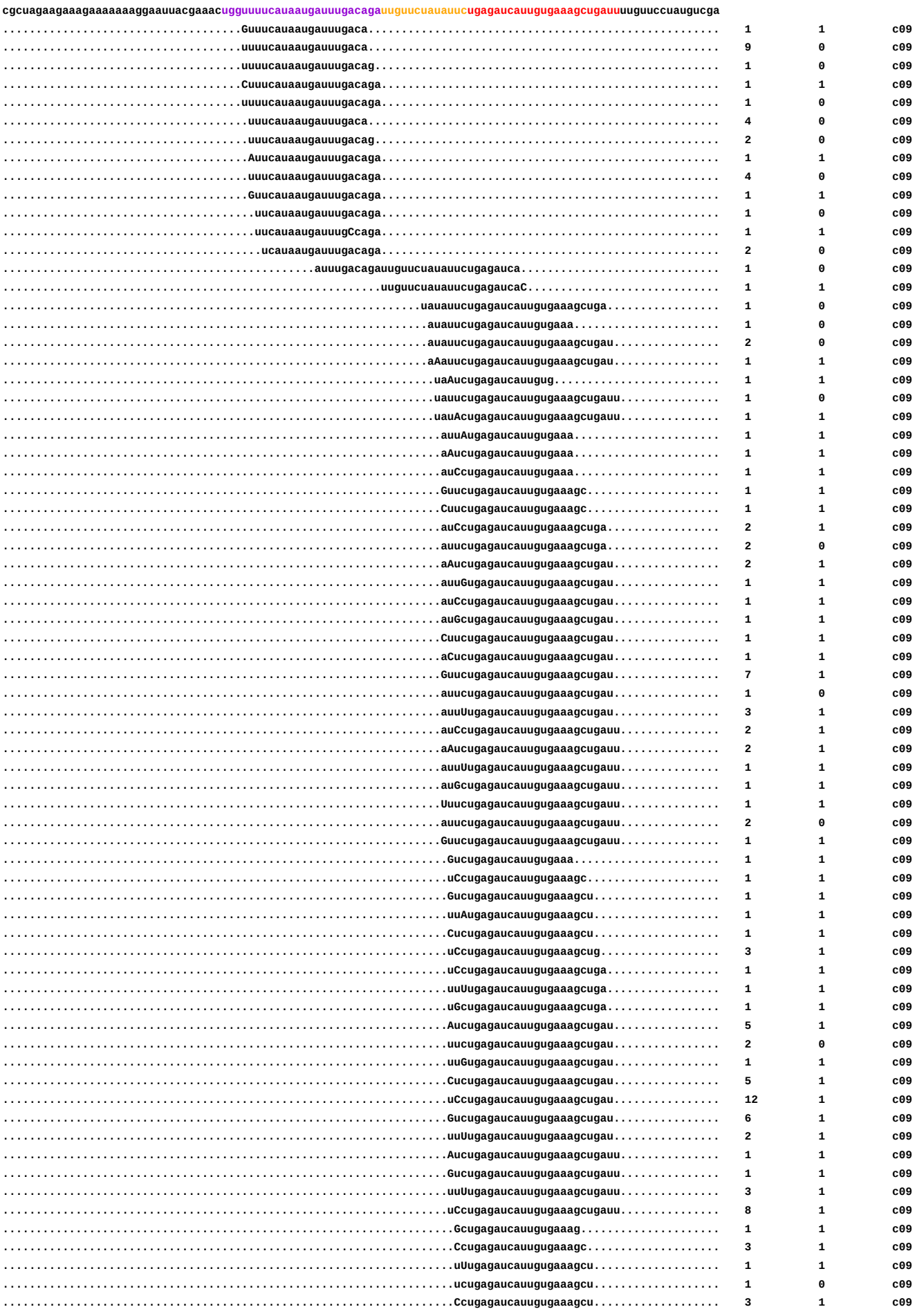

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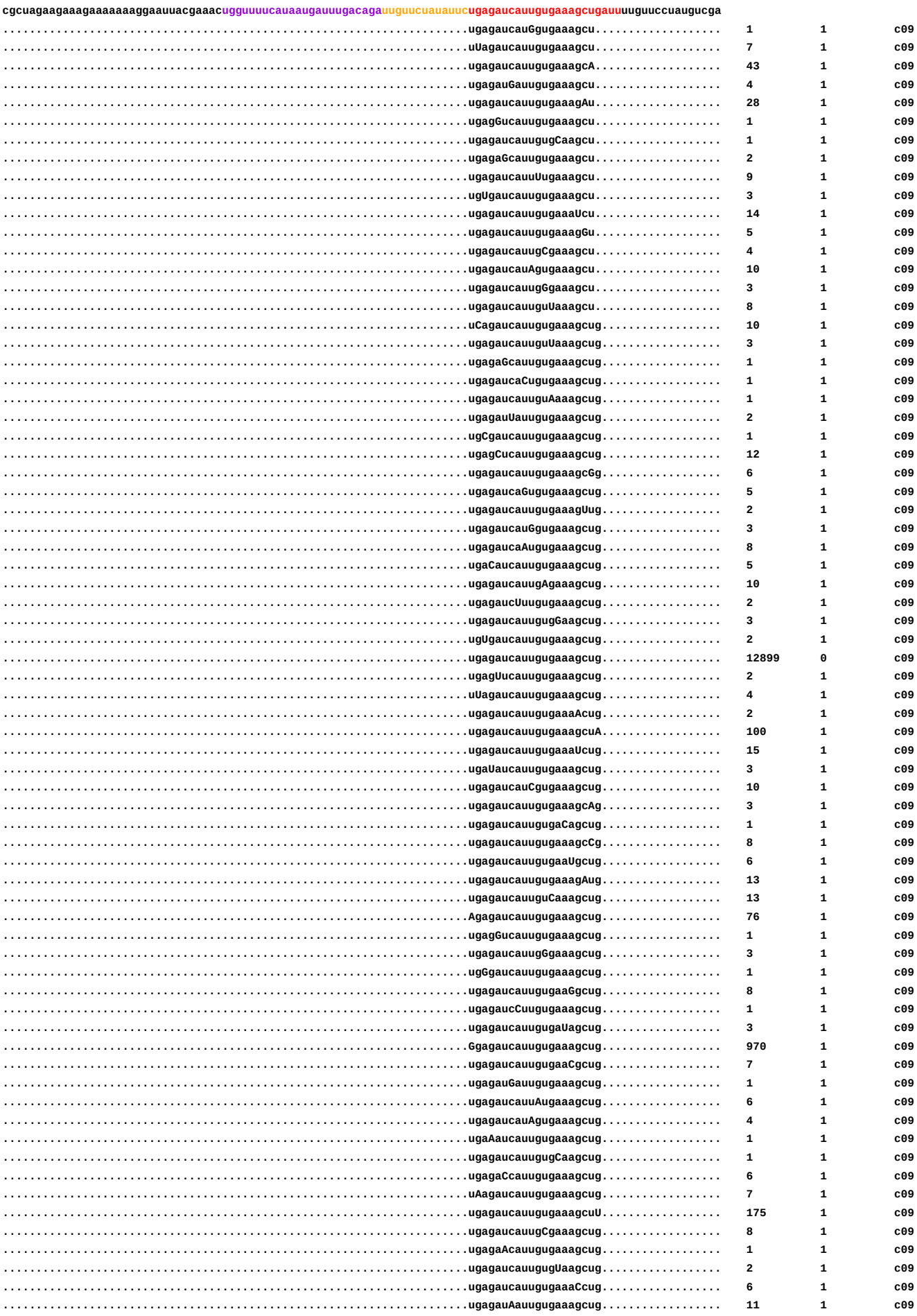

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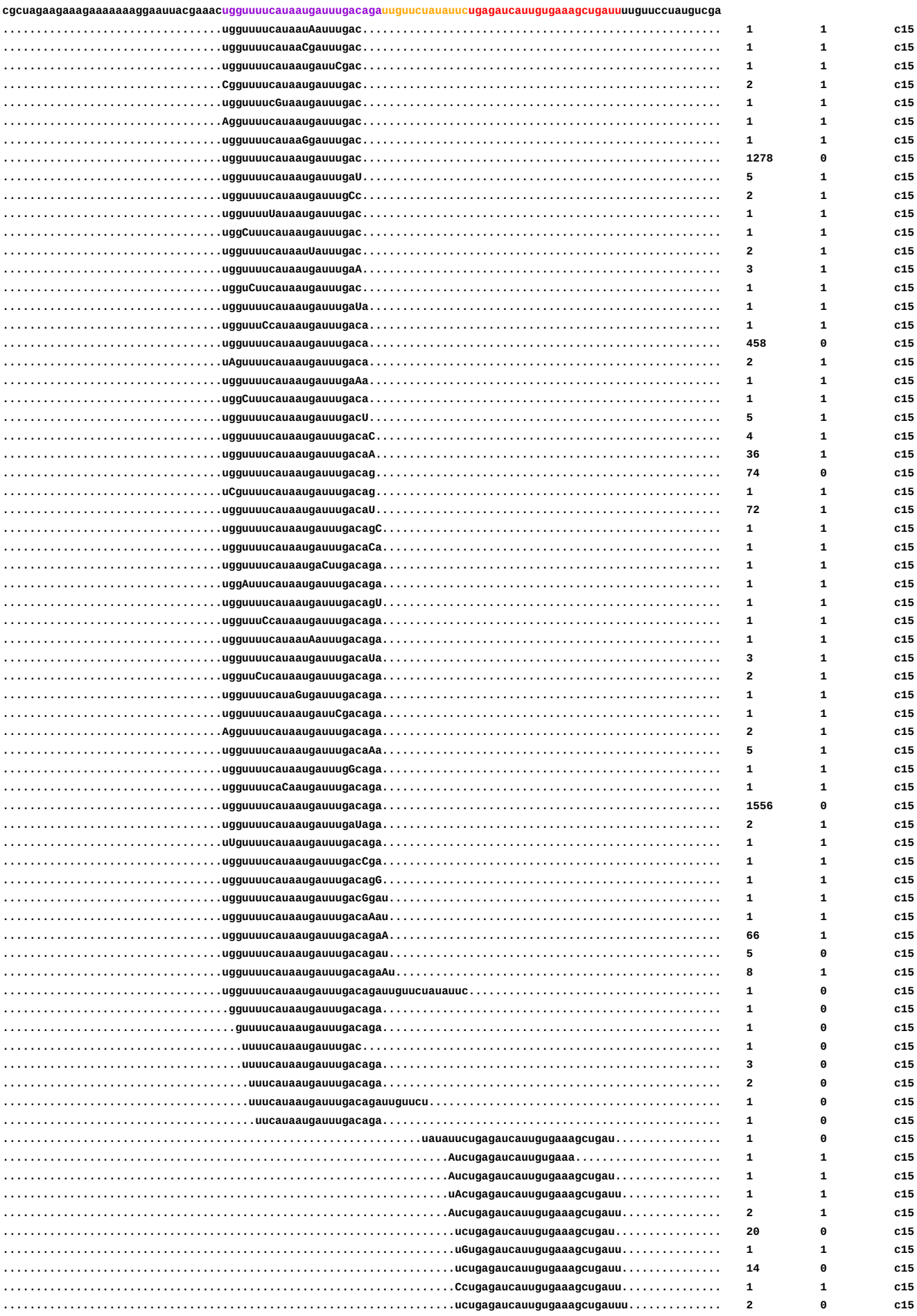
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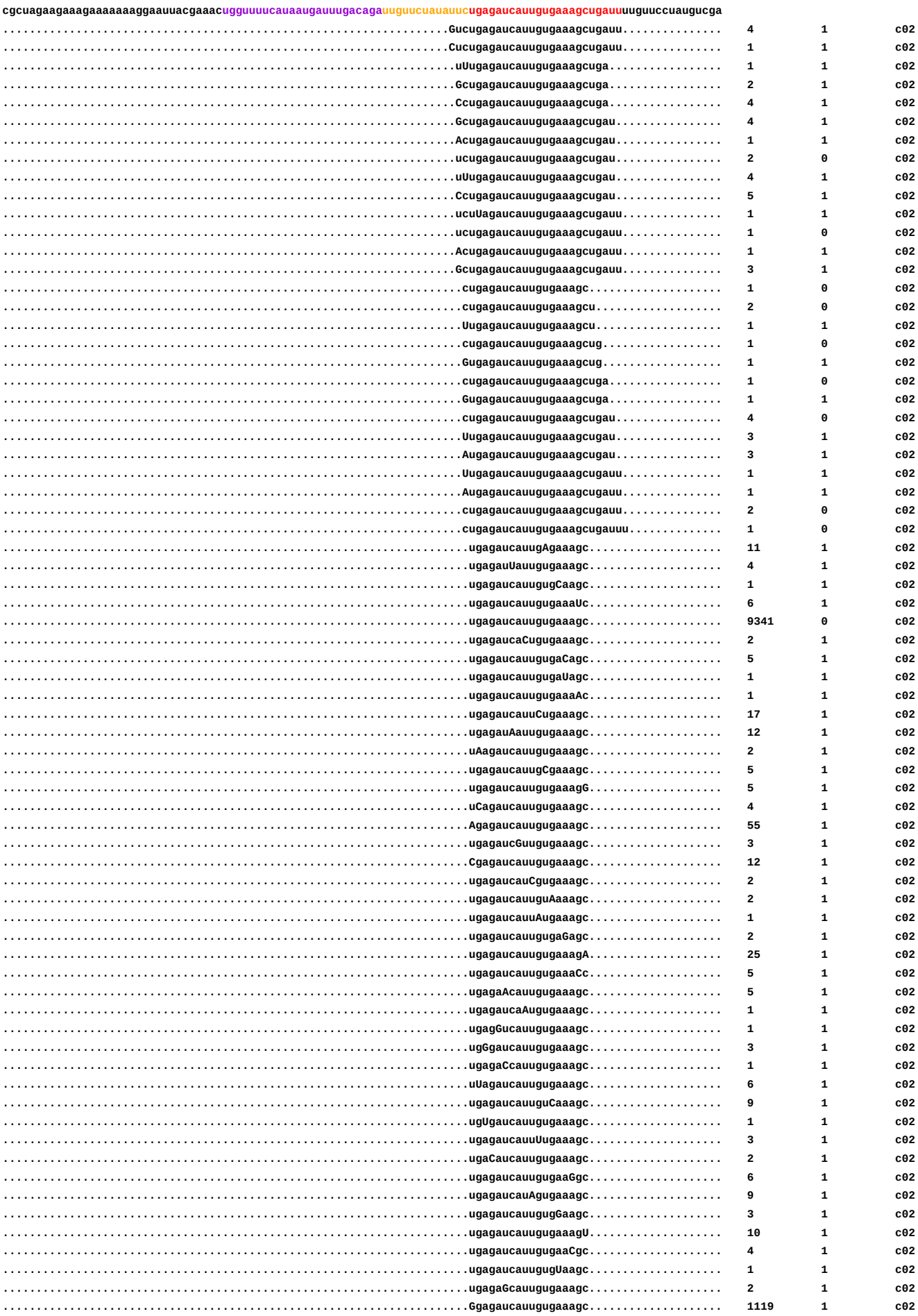
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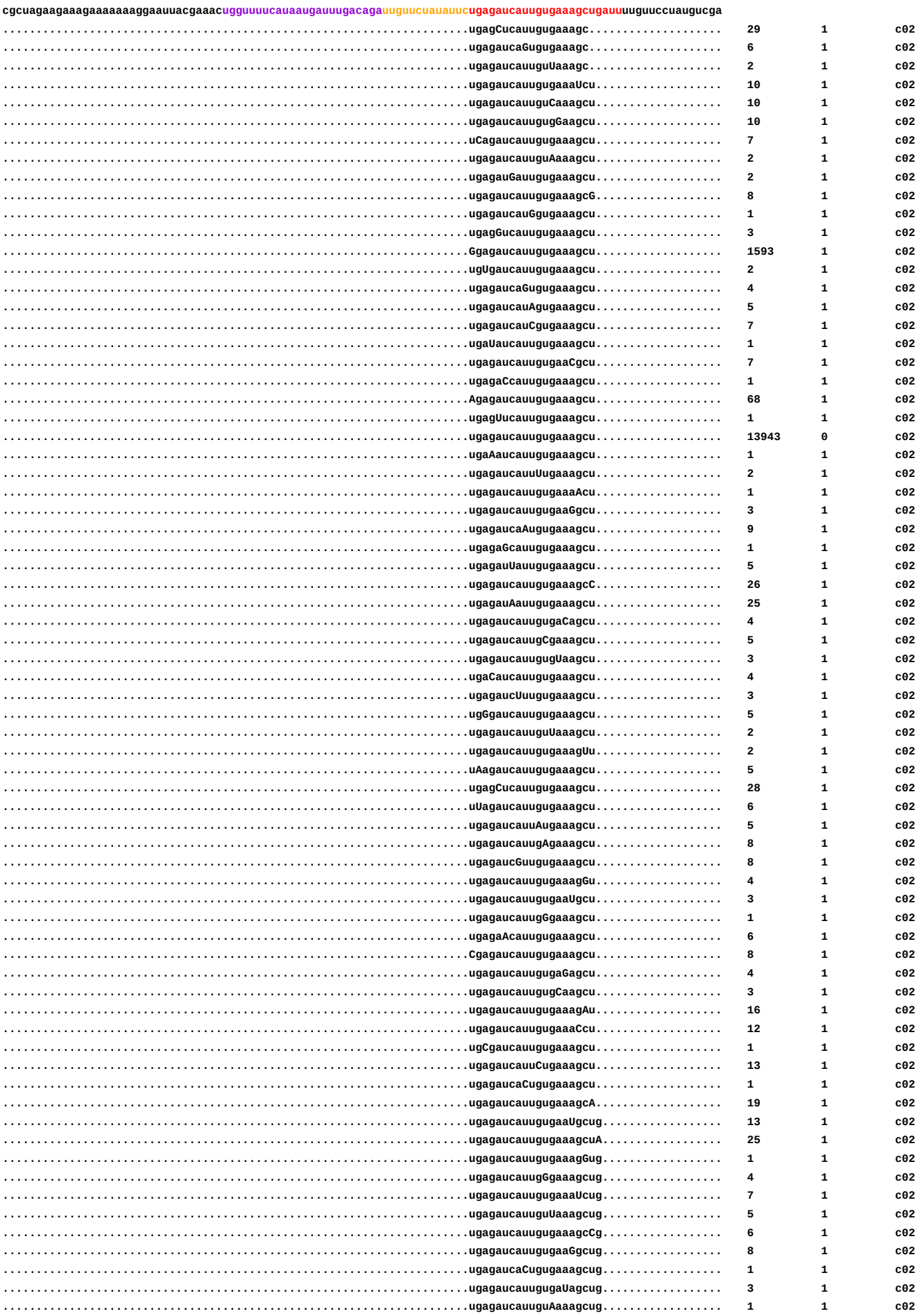
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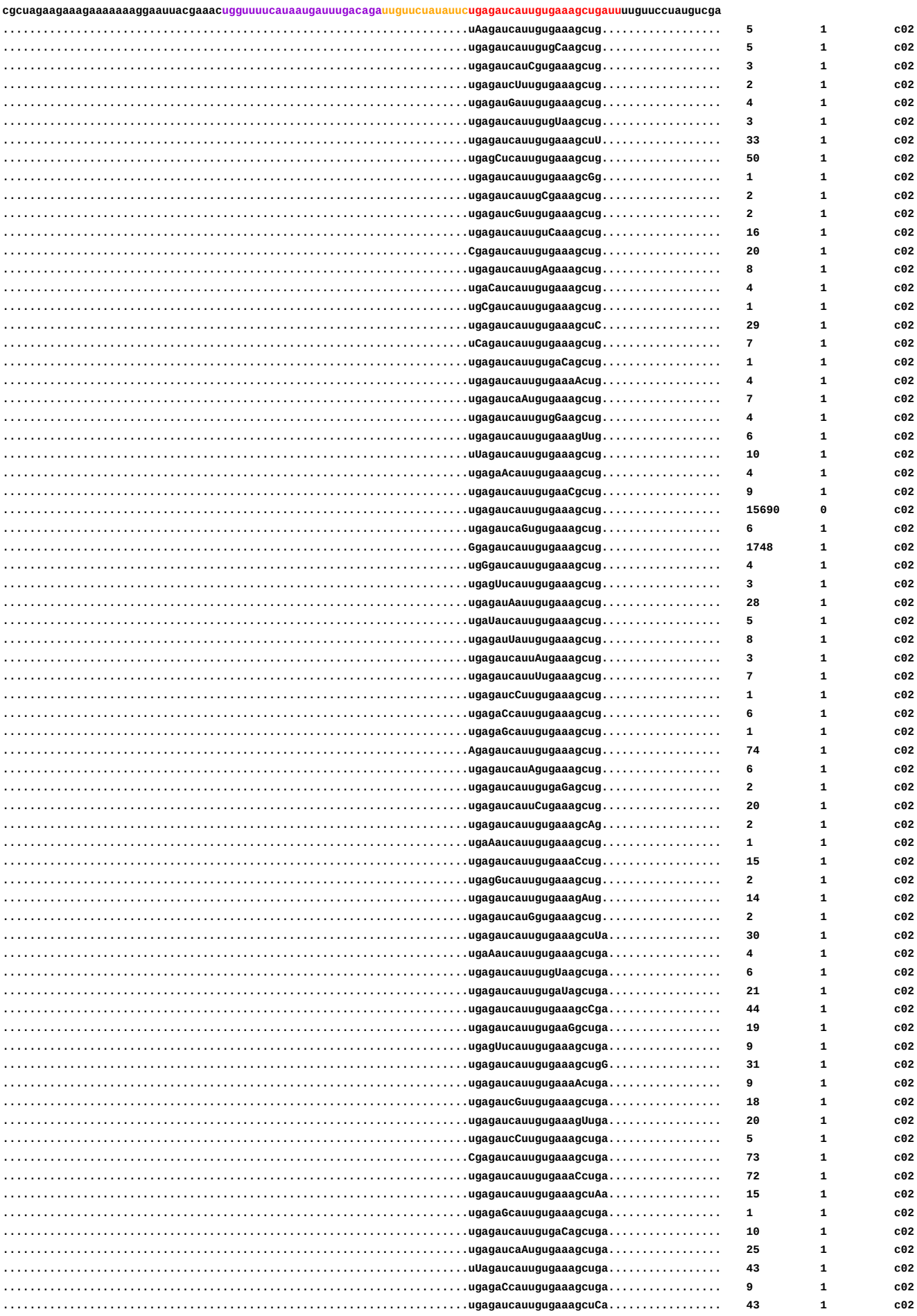

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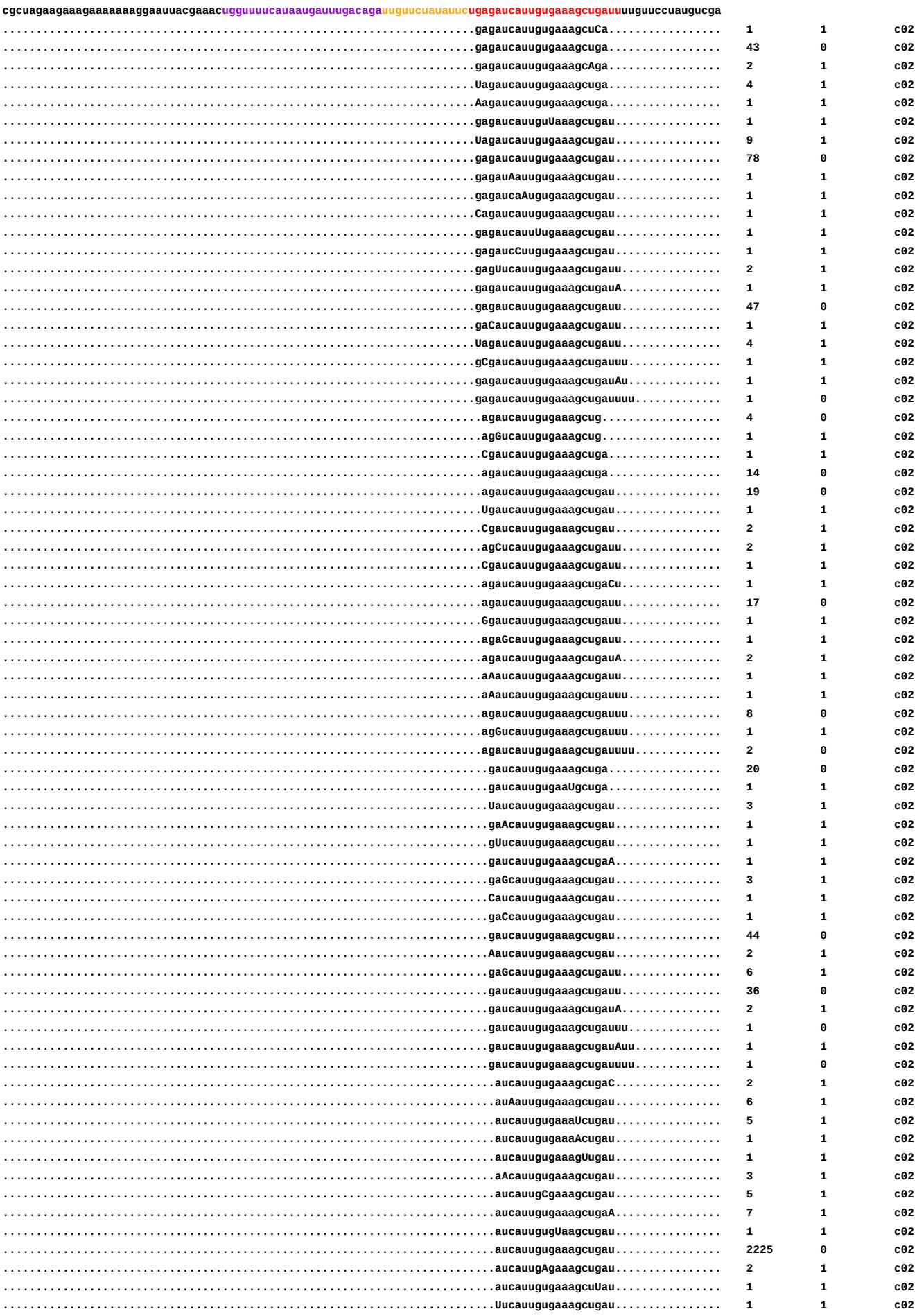
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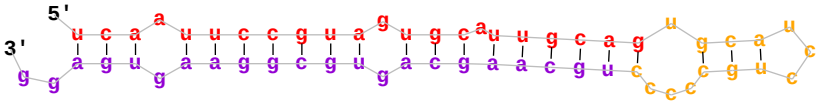
.....aucauuguCaaagcugau.....	3	1	c02
.....Gucauugugaaagcugau.....	2	1	c02
.....aucauugugaaagcugauu.....	1201	0	c02
.....aucaAugugaaagcugauu.....	4	1	c02
.....aucGuugugaaagcugauu.....	1	1	c02
.....aucauugugaaagcugauA.....	30	1	c02
.....aucauugAgaaagcugauu.....	1	1	c02
.....aucauugugaaagcuCauu.....	1	1	c02
.....aucauugugaUagcugauu.....	1	1	c02
.....aAcauugugaaagcugauu.....	1	1	c02
.....Cucauugugaaagcugauu.....	96	1	c02
.....aucauugugaaagcugaGu.....	2	1	c02
.....auUauugugaaagcugauu.....	1	1	c02
.....aucauugugaaCgcugauu.....	3	1	c02
.....aucauugugaaaCcugauu.....	1	1	c02
.....aucauugugaaagcugauG.....	2	1	c02
.....aucauugugCaagcugauu.....	1	1	c02
.....aucauuCugaaagcugauu.....	3	1	c02
.....aucauugugaaagcuAauu.....	1	1	c02
.....auAauugugaaagcugauu.....	4	1	c02
.....aucUuugugaaagcugauu.....	1	1	c02
.....aucauugugaaagcugaAu.....	3	1	c02
.....aucauugugaaGgcugauu.....	2	1	c02
.....aucauugugaaagcAgauu.....	1	1	c02
.....Uucauugugaaagcugauu.....	2	1	c02
.....aucauugCgaaagcugauu.....	1	1	c02
.....aucauAgugaaagcugauu.....	2	1	c02
.....aucauugugaaagcugauC.....	6	1	c02
.....aucauugugaaaUcugauu.....	1	1	c02
.....aucauCgugaaagcugauu.....	1	1	c02
.....aGcauugugaaagcugauu.....	1	1	c02
.....aucauugugaaagAugauu.....	3	1	c02
.....Uucauugugaaagcugauuu.....	1	1	c02
.....aucauugugaaagcugauuA.....	20	1	c02
.....aucauugugaaagcugauAu.....	3	1	c02
.....aucauugugaaagcuCauuu.....	2	1	c02
.....Cucauugugaaagcugauuu.....	9	1	c02
.....aucauugugaaagcugauuu.....	81	0	c02
.....aucauugugaaagcugauuG.....	2	1	c02
.....aucauugugaaagcugauuC.....	6	1	c02
.....auGauugugaaagcugauuu.....	1	1	c02
.....aucauAgugaaagcugauuuu.....	1	1	c02
.....aucauugugaaagcugauuuu.....	63	0	c02
.....aucauugugaaagcugauuuC.....	1	1	c02
.....Cucauugugaaagcugauuuu.....	9	1	c02
.....aucauugugaaagcugauuAu.....	5	1	c02
.....aucauugugaaagcugauuuG.....	1	1	c02
.....aucauugugaaagcugauuuuU.....	6	1	c02
.....aucauugugaaagcugauuGug.....	1	1	c02
.....ucauugugaaagcugauC.....	1	1	c02
.....ucaGugugaaagcugauu.....	2	1	c02
.....ucauuCugaaagcugauu.....	1	1	c02
.....ucauugugaaagAugauu.....	2	1	c02
.....Ccauugugaaagcugauu.....	1	1	c02

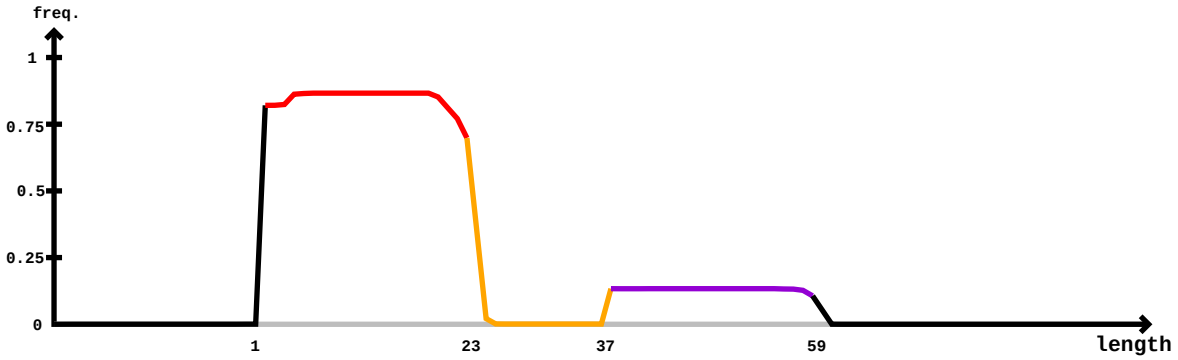
Star Mature

cgcuagaagaaagaaaaaaaggaauuacgaaacugggauuuucauaaugauuugacagauuguuucuauauucugagaucauugugaaagcugauuuuguuccuaugucga

.....ucauugugaaagcugaGu.....	1	1	c02
.....ucauugugaaCgcugauu.....	1	1	c02
.....Acauugugaaagcugauu.....	2	1	c02
.....ucauugugaaagcuCauu.....	1	1	c02
.....ucauugugaaGgcugauu.....	1	1	c02
.....ucauugugaaagcugauG.....	3	1	c02
.....ucauugugaaaCcugauu.....	1	1	c02
.....ucauCugugaaagcugauu.....	1	1	c02
.....Gcauugugaaagcugauu.....	105	1	c02
.....uGauugugaaagcugauu.....	1	1	c02
.....ucauugugaaagcugCuu.....	1	1	c02
.....ucauugugaaagcugauu.....	1111	0	c02
.....ucauuguCaaagcugauu.....	1	1	c02
.....ucauugugaaagcugauA.....	29	1	c02
.....ucauugugaaagcugauuu.....	91	0	c02
.....Gcauugugaaagcugauuu.....	9	1	c02
.....ucauugugaaagcugauAu.....	6	1	c02
.....ucauugugaaagUugauuu.....	1	1	c02
.....ucauugugaaagcugauuG.....	1	1	c02
.....ucauugugaaagcugauuA.....	10	1	c02
.....ucauugugaaagcugauuC.....	2	1	c02
.....ucauugugaaagcugauuuA.....	2	1	c02
.....Acauugugaaagcugauuuu.....	1	1	c02
.....ucauugugaaagcugauuAu.....	1	1	c02
.....Gcauugugaaagcugauuuu.....	2	1	c02
.....ucauugugaaagcugauuuu.....	20	0	c02
.....ucauugugaaagcugauuuuU.....	5	1	c02
.....ucauugugaaagcugauuuuA.....	1	1	c02
.....cauugugaaagcugauAu.....	2	1	c02
.....cauugugaaagcugauuu.....	30	0	c02
.....cauugugaaagcugauuA.....	2	1	c02
.....cUuugugaaagcugauuu.....	1	1	c02
.....cauuguAaaagcugauuu.....	1	1	c02
.....cauugugaaagcugauuAu.....	2	1	c02
.....cauugugaaagcugauuuu.....	8	0	c02
.....cauugugaaagcugauuuuU.....	2	1	c02
.....auugugaaagcugauuCu.....	2	1	c02
.....Cuugugaaagcugauuuu.....	3	1	c02
.....auugugaaagcugauuuA.....	8	1	c02
.....auugugaaagcugauuuG.....	2	1	c02
.....auugugaaagcugauuAu.....	7	1	c02
.....auugugaaagcugauuuu.....	99	0	c02
.....auugugaaagcugauuuuA.....	2	1	c02
.....auugugaaagcugauuuuAu.....	1	1	c02
.....uugugaaagcugauuuuA.....	1	1	c02

Provisional ID	:	group14_24896
Score total	:	2299.7
Score for star read(s)	:	3.9
Score for read counts	:	2288.7
Score for mfe	:	2.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	4501
Mature read count	:	3900
Loop read count	:	0
Star read count	:	601





Mature **Star**

```
5'- cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa  -3'   obs
    cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa        exp
    .....(.(((((((..(((((((.(((((((.(((.(((((((.(((...))).)))))))))).)))))))..)))))))))))(((((((........)))))))..  reads     mm      sample
    cugcggagggugucgaggcc.....................................................................................................  1         0       c16
    ....................ccucaauuccguagugcauugcag.............................................................................  1         0       c16
    ....................Gcaauuccguagugcauu...................................................................................  2         1       c16
    ....................ucaauuccguagugcauu....................................................................................  38        0       c16
    ....................ucaauuccguUgugcauu....................................................................................  1         1       c16
    ....................ucaauucAguagugcauu....................................................................................  1         1       c16
    ....................ucaauuccguagugcauug...................................................................................  143       0       c16
    ....................ucaauuccguagugcauuA...................................................................................  1         1       c16
    ....................ucaauucAguagugcauug...................................................................................  1         1       c16
    ....................ucaauuccguagugcauuU...................................................................................  4         1       c16
    ....................Gcaauuccguagugcauug...................................................................................  14        1       c16
    ....................ucaauuAcguagugcauug...................................................................................  1         1       c16
    ....................ucaauuccguagugcauugc..................................................................................  150       0       c16
    ....................ucaauuAcguagugcauugc..................................................................................  1         1       c16
    ....................ucaauAccguagugcauugc..................................................................................  1         1       c16
    ....................ucaauuccguagugcauugU..................................................................................  7         1       c16
    ....................Gcaauuccguagugcauugc..................................................................................  8         1       c16
    ....................ucaauuccguagugcauCgc..................................................................................  1         1       c16
    ....................ucaauuccguagugcaAugca.................................................................................  1         1       c16
    ....................ucaauuccguagugcauugca.................................................................................  261       0       c16
    ....................ucaauuccCuagugcauugca.................................................................................  1         1       c16
    ....................ucaauuccguagugcauugcU.................................................................................  2         1       c16
    ....................Acaauuccguagugcauugca.................................................................................  2         1       c16
    ....................Gcaauuccguagugcauugca.................................................................................  16        1       c16
    ....................ucaauuAcguagugcauugca.................................................................................  1         1       c16
    ....................ucaauuccguagugcauugcC.................................................................................  1         1       c16
    ....................ucaauuccAuagugcauugca.................................................................................  2         1       c16
    ....................ucaauuccguagugcCuugca.................................................................................  1         1       c16
    ....................ucaaAuccguagugcauugca.................................................................................  1         1       c16
    ....................ucaauuccUuagugcauugca.................................................................................  1         1       c16
    ....................ucaauuccguagugAauugcag................................................................................  5         1       c16
    ....................Gcaauuccguagugcauugcag................................................................................  109       1       c16
    ....................ucaauuccguagugcauCgcag................................................................................  1         1       c16
```

Mature Star

cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa

.....ucaauuccUuagugcauugcag.....	2	1	c16
.....ucaauuccguagugcauAgcag.....	1	1	c16
.....ucaGuuccguagugcauugcag.....	1	1	c16
.....ucaauuccguagugcauugAag.....	3	1	c16
.....uAaauuccguagugcauugcag.....	3	1	c16
.....ucaauucAguagugcauugcag.....	2	1	c16
.....ucaauuAcguagugcauugcag.....	1	1	c16
.....ucaauucUguagugcauugcag.....	2	1	c16
.....ucaauuccguaUugcauugcag.....	1	1	c16
.....ucaaAuccguagugcauugcag.....	1	1	c16
.....uUaauuccguagugcauugcag.....	1	1	c16
.....ucaauuccguagugcauugcag.....	1231	0	c16
.....Acaauuccguagugcauugcag.....	3	1	c16
.....ucaauuccguagugcauuCcag.....	1	1	c16
.....ucaauuccguagugcGuugcag.....	1	1	c16
.....ucaauuccguaguCcauugcag.....	2	1	c16
.....ucaauuccguagugcauugcCg.....	1	1	c16
.....ucaauuccguagugcauugGag.....	1	1	c16
.....ucaauuccguagugcauugUag.....	1	1	c16
.....ucaauuccguagugcauugcaC.....	1	1	c16
.....ucaauuccguagugcauugcGg.....	1	1	c16
.....ucaauuccguaCugcauugcag.....	1	1	c16
.....ucaauuccgAagugcauugcag.....	1	1	c16
.....ucaauuccguagugcauugcaU.....	2	1	c16
.....ucaauuccguagCgcauugcagu.....	1	1	c16
.....ucaauuccguagugcauAgcagu.....	3	1	c16
.....ucaauuccguagugcauCgcagu.....	1	1	c16
.....ucaauucUguagugcauugcagu.....	1	1	c16
.....ucaauCccguagugcauugcagu.....	1	1	c16
.....ucaauuccguagugcauuCcagu.....	1	1	c16
.....ucaauuccguagugcaAugcagu.....	1	1	c16
.....ucaauuccguagugcauugcagG.....	1	1	c16
.....ucaaAuccguagugcauugcagu.....	1	1	c16
.....ucaauuccguagAgcauugcagu.....	1	1	c16
.....ucaauuccguagugcauugUagu.....	5	1	c16
.....uUaauuccguagugcauugcagu.....	1	1	c16
.....ucaauuccgAagugcauugcagu.....	1	1	c16
.....ucaauuAcguagugcauugcagu.....	3	1	c16
.....ucaauuccguaguCcauugcagu.....	1	1	c16
.....ucaauuccguagugcauugcagu.....	1047	0	c16
.....ucaauuccguaCugcauugcagu.....	2	1	c16
.....ucaauuccguGgugcauugcagu.....	2	1	c16
.....uAaauuccguagugcauugcagu.....	1	1	c16
.....ucaauuccguagugAauugcagu.....	1	1	c16
.....ucaauuccguagugcauugcaAu.....	1	1	c16
.....ucaauucAguagugcauugcagu.....	4	1	c16
.....ucaauuccguagugcauugcagC.....	1	1	c16
.....ucaauuccCuagugcauugcagu.....	1	1	c16
.....ucaauuccguagugcauugcagA.....	6	1	c16
.....Gcaauuccguagugcauugcagu.....	88	1	c16
.....Acaauuccguagugcauugcagu.....	3	1	c16
.....ucaauuccguagugcauugcaguU.....	54	1	c16
.....ucaauuccguagugcauugcagug.....	11	0	c16
.....ucaauuccguagugcauugcaguA.....	7	1	c16
.....Gcaauuccguagugcauugcagug.....	1	1	c16
.....ucaauuccguagugcauugcagugU.....	2	1	c16
.....ucaauuccguagugcauugcagugcauccugcccc.....	1	0	c16
.....ucaauuccguagugcauugcagugcauccugccccc.....	1	0	c16
.....aauuccguagugcauugc.....	1	0	c16
.....Cauuccguagugcauugcag.....	1	1	c16
.....aauuccguagugcauugcag.....	3	0	c16
.....aauuccguagugcauugcagu.....	5	0	c16
.....Cauuccguagugcauugcagu.....	1	1	c16
.....auuccguagugcauugca.....	11	0	c16
.....Cuuccguagugcauugca.....	1	1	c16
.....Cuuccguagugcauugcag.....	12	1	c16
.....auuAcguagugcauugcag.....	1	1	c16
.....auuccguagugcauugcag.....	49	0	c16
.....Cuuccguagugcauugcagu.....	5	1	c16
.....auuccguaCugcauugcagu.....	1	1	c16

Mature Star

```
cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa
.....auuccguagugcauugcagu..... 53 0 c16
.....auuccguagugAauugcagu..... 1 1 c16
.....auuccguagugcauugcaguU..... 1 1 c16
.....uuccguagugcauugcag..... 3 0 c16
.....uuccguagugcauugcagu..... 6 0 c16
.....uuccguagugcauugcaguC..... 1 1 c16
.....uccguagugcauugcagu..... 3 0 c16
.....Gccguagugcauugcagu..... 1 1 c16
.....ugcaagcagugcggaagu..... 4 0 c16
.....Ggcaagcagugcggaagug..... 1 1 c16
.....ugcaagcagugcggaagug..... 1 0 c16
.....Ggcaagcagugcggaaguga..... 3 1 c16
.....ugcaagcagugcggaaguga..... 15 0 c16
.....ugcaagcagugcggaagugag..... 76 0 c16
.....ugcaagcagugcggaagugaU..... 1 1 c16
.....Ggcaagcagugcggaagugag..... 4 1 c16
.....Ggcaagcagugcggaagugagg..... 17 1 c16
.....ugcaagcaguUcggaagugagg..... 1 1 c16
.....ugcaagcagugcggaagugagg..... 381 0 c16
.....ugcaaUcagugcggaagugagg..... 1 1 c16
.....ugcaagcagugcggaagugagU..... 1 1 c16
.....ugcaagcagugcggaagugaCg..... 1 1 c16
.....ugcaCgcagugcggaagugagg..... 1 1 c16
.....ugcaagcagugcggaagugaggA..... 1 1 c16
.....ugcaagcagugcggaagugaggU..... 5 1 c16
.....ugcaagcagugcggaagugaggUu..... 1 1 c16
.....agcagugcggaagugagg..... 1 0 c16

.....ucaauuccguagugcauugcag..... 1 0 c04
.....ucaauuccguagugcauugcagu..... 1 0 c04
.....auuccguagugcauugcagu..... 1 0 c04

.....ucaauuccguagugcauu..... 14 0 c09
.....ucaauuccguagugcauug..... 3 0 c09
.....ucaauuccguagugcauugc..... 6 0 c09
.....ucaauuccguagugcauugca..... 12 0 c09
.....Acaauuccguagugcauugca..... 1 1 c09
.....ucaauuccAuagugcauugcag..... 1 1 c09
.....ucaauuccguagugcauugcag..... 24 0 c09
.....Acaauuccguagugcauugcag..... 2 1 c09
.....uUaauuccguagugcauugcagu..... 1 1 c09
.....ucaauuccguaguCcauugcagu..... 1 1 c09
.....ucaauuccguaCugcauugcagu..... 1 1 c09
.....ucaauuUcguagugcauugcagu..... 1 1 c09
.....ucaauuccguagugcauugcagu..... 75 0 c09
.....ucaauuccguagugAauugcagu..... 1 1 c09
.....Gcaauuccguagugcauugcagu..... 4 1 c09
.....ucaauuccguagugcauugcaguA..... 1 1 c09
.....ucaauuccguagugcauugcaguU..... 2 1 c09
.....ucaauuccguagugcauugcagugcauccugccccc..... 1 0 c09
.....aauuccguagugcauugcagu..... 2 0 c09
.....auuccguagugcauugca..... 1 0 c09
.....auuccguagugcauugcag..... 3 0 c09
.....Cuuccguagugcauugcagu..... 1 1 c09
.....auuccguagugAauugcagu..... 1 1 c09
.....auuccguagugcauugcagu..... 13 0 c09
.....auuccguagugcaCugcagu..... 1 1 c09
.....uuccguagugcauugcagu..... 1 0 c09
.....uccguagugcauugcagu..... 2 0 c09
.....ugcaagcagugcggaagu..... 1 0 c09
.....Ggcaagcagugcggaagugag..... 1 1 c09
.....ugcaagcagugcggaagugag..... 1 0 c09
.....Ggcaagcagugcggaagugagg..... 1 1 c09
.....ugcaagcagugcggaagugagg..... 17 0 c09

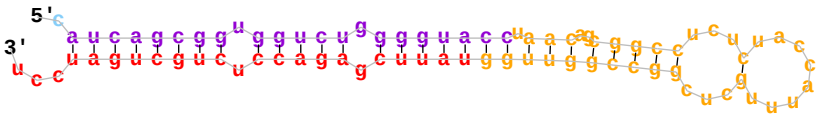
.....ucaauuccguagugcauugcag..... 18 0 c15
.....ucaauuccguagugcUuugcag..... 1 1 c15
.....ucaauuccguagugcauugcaU..... 2 1 c15
.....ucaauuccguagugcauugcaA..... 1 1 c15
.....ucaauuccguagCgcauugcagu..... 1 1 c15
```

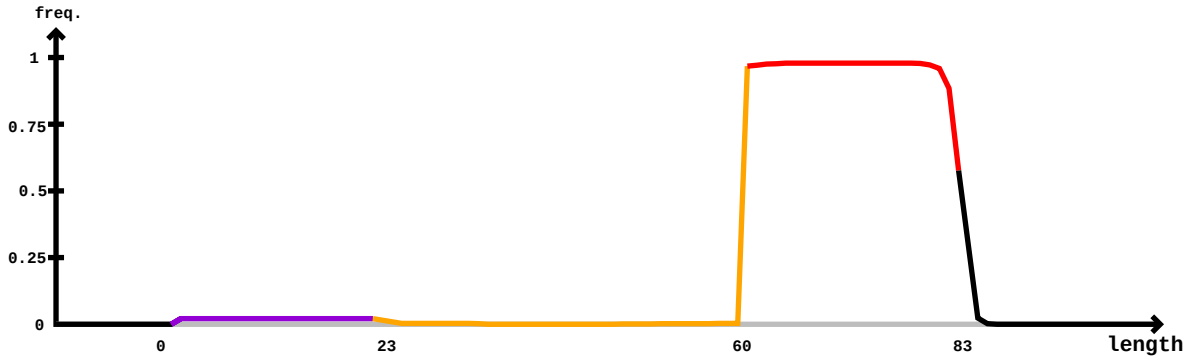
Mature Star

cugcggagggugucgaggccucaauuccguagugcauugcagugcauccugccccugcaagcagugcggaagugaggcugaggcaccccguaucuacuauucaagaugcaa

.....ucaauuccguagugcauugcUgu.....	1	1	c15
.....ucaauuccguagugcauugcagA.....	1	1	c15
.....ucaauuccguagugcauugcagu.....	64	0	c15
.....ucaauuccguagugcauugcaguA.....	2	1	c15
.....ucaauuccguagugcauugcaguU.....	3	1	c15
.....caauuccguagugcauugcagu.....	1	0	c15
.....ugcaagcagugcggaaguga.....	2	0	c15
.....ugcaagcagugcggaagugag.....	4	0	c15
.....ugcaagcagugcggaagugagg.....	19	0	c15
.....ugcaagcagugcggaagugaggU.....	1	1	c15
.....Gcaauuccguagugcauu.....	1	1	c02
.....ucaauuAcguagugcauu.....	1	1	c02
.....ucaauuccguagugcauu.....	7	0	c02
.....uUaauuccguagugcauug.....	1	1	c02
.....Gcaauuccguagugcauug.....	1	1	c02
.....ucaauuccguagugcauug.....	14	0	c02
.....ucaauuccguagugcauugc.....	5	0	c02
.....Gcaauuccguagugcauugc.....	2	1	c02
.....Gcaauuccguagugcauugca.....	1	1	c02
.....ucaauuccguagugcauugca.....	7	0	c02
.....ucaauuccguagugcauugcag.....	14	0	c02
.....Acaauuccguagugcauugcagu.....	1	1	c02
.....ucaauuccguagugcauugcagu.....	81	0	c02
.....Gcaauuccguagugcauugcagu.....	5	1	c02
.....ucaauuccguagugcauugcaguC.....	1	1	c02
.....ucaauuccguagugcauugcaguU.....	4	1	c02
.....ucaauuccguagugcauugcagug.....	2	0	c02
.....ucaauuccguagugcauugcagugcauccugccccu.....	1	0	c02
.....aauuccguagugcauugcagu.....	1	0	c02
.....auuccguagugcauugca.....	3	0	c02
.....auuccguagugcauugcag.....	4	0	c02
.....Cuuccguagugcauugcag.....	2	1	c02
.....auuccguagugcauugAagu.....	1	1	c02
.....Cuuccguagugcauugcagu.....	1	1	c02
.....auuccguagugcauugcagu.....	6	0	c02
.....uuccguagugcauugcagu.....	1	0	c02
.....ugcaagcagugcggaaguga.....	1	0	c02
.....ugcaagcagugcggaagugag.....	6	0	c02
.....ugcaagcagugcggaagugagg.....	29	0	c02
.....Ggcaagcagugcggaagugagg.....	1	1	c02
.....ugcaagcagugcggaagugaggU.....	1	1	c02

Provisional ID	:	group14_24912
Score total	:	459.9
Score for star read(s)	:	3.9
Score for read counts	:	449.3
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	893
Mature read count	:	877
Loop read count	:	0
Star read count	:	16





Star **Mature**

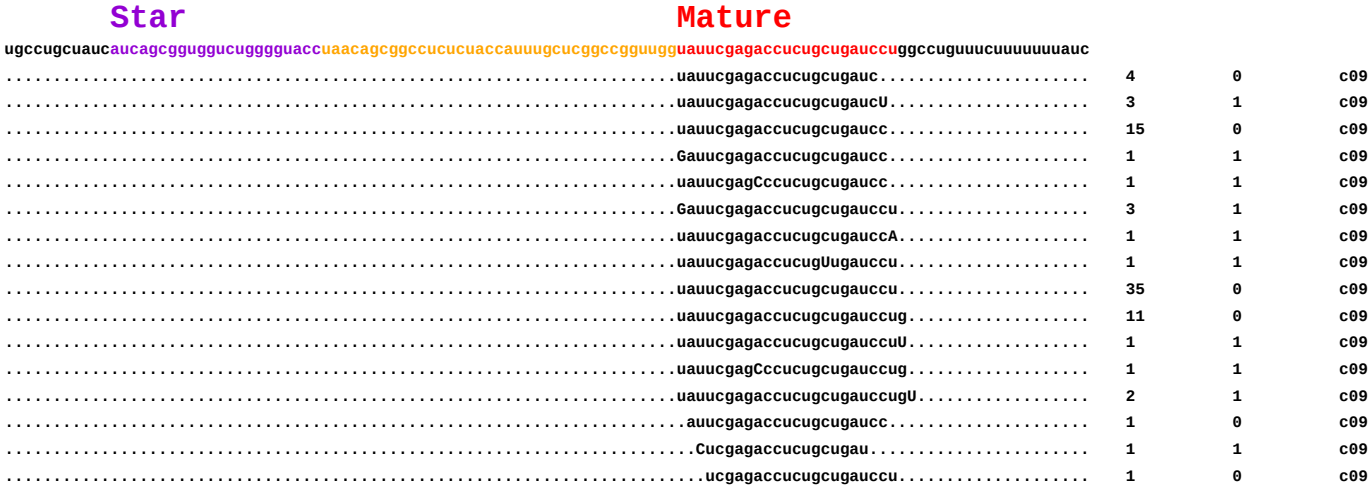
```
5'- ugccugcuaucaucagcgguggucugggguaccuaacagcggccucucuaccauuugcucggccgguugguauucgagaccucugcugauccuggccuguuucuuuuuuuauc  -3'   obs
    ugccugcuaucaucagcgguggucugggguaccuaacagcggccucucuaccauuugcucggccgguugguauucgagaccucugcugauccuggccuguuucuuuuuuuauc        exp
    .((..((((..(((((((((.(((((.(((((((.(((..((((((...(........)...)))))))))))))))).)))))..)))))..)))).....................  reads   mm   sample
    ..........................................................................Gauucgagaccucugcuga.....................  1       1    c02
    ..........................................................................uauucgagaccucugcugau.....................  1       0    c02
    ..........................................................................Gauucgagaccucugcugauc....................  1       1    c02
    ..........................................................................uauucgagaccucugcugauU....................  1       1    c02
    ..........................................................................uauucgagaccucugcugauc....................  4       0    c02
    ..........................................................................Gauucgagaccucugcugaucc...................  6       1    c02
    ..........................................................................uauucgagaccucugcugaucc...................  22      0    c02
    ..........................................................................uauucgagaccucugcugaucU...................  1       1    c02
    ..........................................................................uauucgagacAucugcugaucc...................  1       1    c02
    ..........................................................................uauucgagaccucugcugaucA...................  1       1    c02
    ..........................................................................uauuUgagaccucugcugaucc...................  1       1    c02
    ..........................................................................Gauucgagaccucugcugauccu..................  7       1    c02
    ..........................................................................uauucgagaccucugcugauccu..................  60      0    c02
    ..........................................................................uauucgagCcccucugcugauccu..................  2       1    c02
    ..........................................................................uauucgagaccucugcugauccA..................  1       1    c02
    ..........................................................................uauucgagaccucugcugauccuU.................  2       1    c02
    ..........................................................................Gauucgagaccucugcugauccug.................  1       1    c02
    ..........................................................................uauucgagaccucugcugauccug.................  8       0    c02
    ..........................................................................uauucgagaGcucugcugauccug.................  1       1    c02
    ..........................................................................uauucgagCcccucugcugauccugg................  1       1    c02
    ........................................................................Gucgagaccucugcugauccu....................  1       1    c02
    ..........................................................................uucgagaccucugcugauccug...................  1       0    c02

    ..........aucagcgguggucugggguacc.........................................................................................  4       0    c15
    ..........................................................................uauucgagaccucugcugau.....................  1       0    c15
    ..........................................................................uauucgagaccucugcugauc....................  11      0    c15
    ..........................................................................Cauucgagaccucugcugaucc...................  1       1    c15
    ..........................................................................uauucgagaccucugcugaucU...................  15      1    c15
    ..........................................................................uauucgagaccucugcugaucc...................  64      0    c15
    ..........................................................................uauuUgagaccucugcugaucc...................  1       1    c15
    ..........................................................................uauucgagaccucugcugaucA...................  3       1    c15
    ..........................................................................uauucgagaccucugcugauccu..................  37      0    c15
    ..........................................................................uauucgagaccucugcugauccC..................  2       1    c15
```

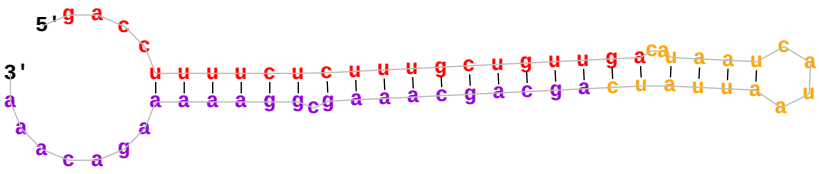
Star Mature

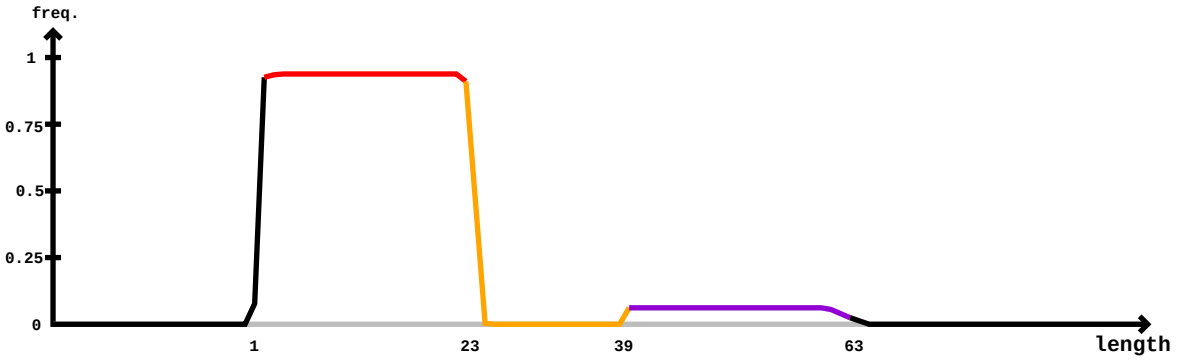
ugccugcuaucaucagcgguggucuggggguaccuaacagcggccucucuaccauuugcucggccgguuggguauucgagaccucugcugauccuggccuguuucuuuuuuuauc

.....uauucgagaccucugcugaucUu.....	1	1	c15
.....uauucgagaccucugcugauccA.....	4	1	c15
.....uauucgagaccucugcugauccug.....	8	0	c15
.....uauucgagaccucugcugauccuU.....	6	1	c15
.....uauucgagaccucugcugauccugA.....	1	1	c15
.....uauucgagaccucugcugauccugU.....	3	1	c15
.....uauucgagaccucugcugauccugg.....	6	0	c15
.....uauucgagaccucugcugauccuggU.....	1	1	c15
.....uauucgagaccucugcugauccuggA.....	1	1	c15
.....cgagaccucugcugaucAu.....	1	1	c15
..........aucagcgguggucugggguac.....	2	0	c16
..........aucagcgguggucugggguacc.....	3	0	c16
..........aucagcgguggucugggguacU.....	3	1	c16
..........Cucagcgguggucugggguaccu.....	1	1	c16
..........aucagcgguggucugggguaccu.....	2	0	c16
..........Cucagcgguggucugggguaccuaacagcgg.....	1	1	c16
..........aucagcgguggucugggguaccuaacagcggc.....	2	0	c16
.....cucggccgguuggguauucgagaccucugcugauccu.....	1	0	c16
.....Gauucgagaccucugcug.....	1	1	c16
.....uauucgagaccucugcuga.....	3	0	c16
.....Gauucgagaccucugcugau.....	1	1	c16
.....uauucgagCccucugcugau.....	2	1	c16
.....uauucgagaccucugcugau.....	5	0	c16
.....uauucgagaccucugcuCauc.....	1	1	c16
.....uauucgagaAcucugcugauc.....	1	1	c16
.....uauucgagaccucugcugauU.....	2	1	c16
.....uauucgagaccucugcugauc.....	36	0	c16
.....Gauucgagaccucugcugauc.....	3	1	c16
.....uauucgagaccucugcugaucc.....	92	0	c16
.....uauucgagacGucugcugaucc.....	1	1	c16
.....Gauucgagaccucugcugaucc.....	7	1	c16
.....uauucgagaccucugcugaucU.....	18	1	c16
.....uauucgagaccucugcugCucc.....	1	1	c16
.....uauucgagaccucugcuUaucc.....	1	1	c16
.....uauucgagaccAcugcugaucc.....	1	1	c16
.....uauucgagaccucugcugaucA.....	4	1	c16
.....uauucgagCccucugcugaucc.....	3	1	c16
.....Gauucgagaccucugcugauccu.....	31	1	c16
.....Aauucgagaccucugcugauccu.....	1	1	c16
.....uauucgagCccucugcugauccu.....	6	1	c16
.....uauucgagaccucugcugauccu.....	190	0	c16
.....uauucgagaccucugcugauccA.....	2	1	c16
.....uauucgagaccucugcugCuccu.....	1	1	c16
.....uauucgagaccucugAugauccu.....	1	1	c16
.....uauucgagaccucugcugauccuU.....	3	1	c16
.....uauucCagaccucugcugauccug.....	1	1	c16
.....uauucgagaccucugcugauccug.....	48	0	c16
.....uauucgagaccucugcugauccugg.....	4	0	c16
.....Gauucgagaccucugcugauccugg.....	1	1	c16
.....auucgagaccucugcugauccu.....	1	0	c16
.....Cuucgagaccucugcugauccug.....	1	1	c16
.....uucgagaccucugcugauccu.....	1	0	c16
.....cgagaccucugcugauccu.....	1	0	c16
..........aucagcgguggucugggguac.....	1	0	c04
.....uauucgagaccucugcugauc.....	1	0	c04
.....uauucgagaccucugcugUucc.....	1	1	c04
.....uauucgagaccucugcugauAc.....	1	1	c04
.....uauucgagaccucugcugaucc.....	10	0	c04
.....uauucgagCccucugcugauccu.....	1	1	c04
.....uauucgagaccucugcugauccu.....	7	0	c04
.....uauucgagaccucugcugauccA.....	1	1	c04
.....uauucgagaccucugcugaucUu.....	1	1	c04
.....uauucgagaccucugcugauccug.....	1	0	c04
.....gccgguugguauucgagaccucugcugauccugg.....	1	0	c09
.....ugguauucgagaccucugcuga.....	1	0	c09
.....uauucgagaccucugcugau.....	1	0	c09
.....Gauucgagaccucugcugauc.....	2	1	c09


Star
Mature
ugccugcuaucaucagcgguggucugggguaccuaacagcggccucucuaccauuugcucggccgguugguauucgagaccucugcugauccuggccuguuucuuuuuuuauc
.....uauucgagaccucugcugauc..... 4 0 c09
.....uauucgagaccucugcugaucU..... 3 1 c09
.....uauucgagaccucugcugaucc..... 15 0 c09
.....Gauucgagaccucugcugaucc..... 1 1 c09
.....uauucgagCccucugcugaucc..... 1 1 c09
.....Gauucgagaccucugcugauccu..... 3 1 c09
.....uauucgagaccucugcugauccA..... 1 1 c09
.....uauucgagaccucugUugauccu..... 1 1 c09
.....uauucgagaccucugcugauccu..... 35 0 c09
.....uauucgagaccucugcugauccug..... 11 0 c09
.....uauucgagaccucugcugauccuU..... 1 1 c09
.....uauucgagCccucugcugauccug..... 1 1 c09
.....uauucgagaccucugcugauccugU..... 2 1 c09
.....auucgagaccucugcugaucc..... 1 0 c09
.....Cucgagaccucugcugau..... 1 1 c09
.....ucgagaccucugcugauccu..... 1 0 c09

Provisional ID	:	group14_25085
Score total	:	169.2
Score for star read(s)	:	3.9
Score for read counts	:	159.2
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	324
Mature read count	:	304
Loop read count	:	0
Star read count	:	20





Mature **Star**

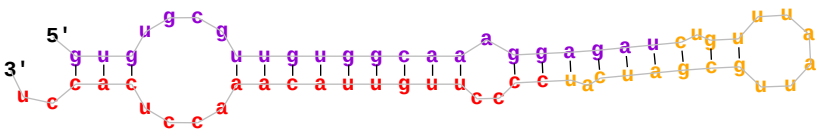
```
5'- gaggaaguucucauaaaggagaccuuuucucuuugcuguugacauaaucauaauuaucagcagcaaagcggaaaaagacaaauuuauggagaacuuucgcuucuaucuucug -3'    obs
    gaggaaguucucauaaaggagaccuuuucucuuugcuguugacauaaucauaauuaucagcagcaaagcggaaaaagacaaauuuauggagaacuuucgcuucuaucuucug       exp
    ..(((((((((((((((.......(((((((((((((((((..((((....))))))))))))))))).))))))..........))))).)))))))).............   reads     mm        sample
    ...................agaccuuuucucuuugcuguuga.....................................................................   25        0         c15
    ...................gaccuuuucucuuugcuguug.......................................................................   9         0         c15
    ...................gaccuuuucucuuugcuguuAa......................................................................   1         1         c15
    ...................Uaccuuuucucuuugcuguuga......................................................................   2         1         c15
    ...................gaccuuuucucuuugcuAuuga......................................................................   1         1         c15
    ...................gaccGuuucucuuugcuguuga......................................................................   1         1         c15
    ...................gaccuuuucucuuugcuguugU......................................................................   2         1         c15
    ...................gaccuuuucucuuugcuguuga......................................................................   240       0         c15
    ...................gGccuuuucucuuugcuguuga......................................................................   2         1         c15
    ...................gaccuuuucucuuugcuguugaA.....................................................................   2         1         c15
    ...................gaccuuuucucuuugcuguugac.....................................................................   11        0         c15
    ...................gaccuuuucucuuugcuguugacC....................................................................   1         1         c15
    ....................accuuuucucuuugcuguuga......................................................................   2         0         c15
    ....................ccuuuucucuuugcuguugac......................................................................   1         0         c15
    ..........................................................agcagcaaagcggaaaaagac.....................................   2         0         c15
    ..........................................................agcagcaaagcggaaaaagaca....................................   5         0         c15
    ..........................................................Ggcagcaaagcggaaaaagacaa...................................   1         1         c15
    ..........................................................agcagcaaagcggaaaaagacaa...................................   4         0         c15
    ..........................................................agcagcaaagcggaaaaGgacaaa..................................   1         1         c15
    ..........................................................agcagcaaagcggaaaaagacaaa...................................   7         0         c15

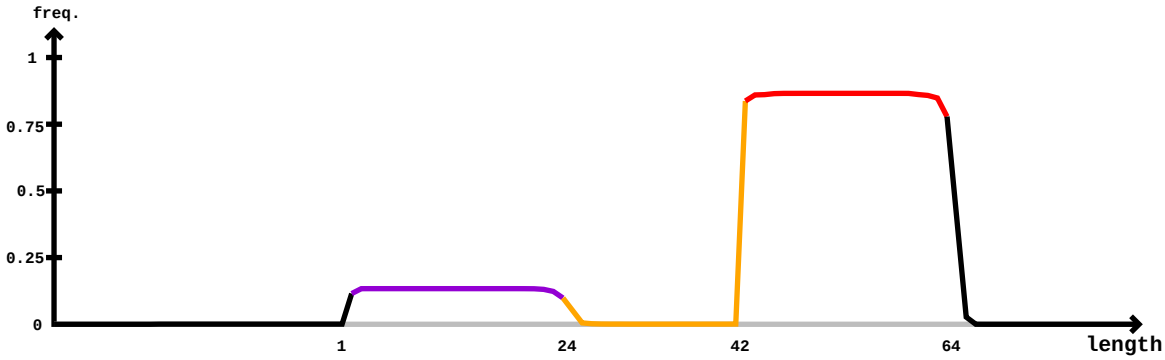
    ...................gaccuuuucucuuugcuguugac.....................................................................   2         0         c02

    ....................accuuuucucuuugcuguugac.....................................................................   1         0         c04

    ...................gaccuuuucucuuugcuguuga......................................................................   1         0         c09
```

Provisional ID	:	group15_25481
Score total	:	5853.6
Score for star read(s)	:	3.9
Score for read counts	:	5843.2
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	11473
Mature read count	:	9943
Loop read count	:	3
Star read count	:	1527





Star **Mature**

```
5'- aaacgaagauacuaacgcgaccacucaggGUGUGCGUUGUGGCAAAGGAGAUCUGUUUAAUUGCGAUCAUCCCCUUGUUACAAACCUCACCUUGGUUGGUUGCACAAUCAU  -3'   obs
    aaacgaagauacuaacgcgaccacucaggGUGUGCGUUGUGGCAAAGGAGAUCUGUUUAAUUGCGAUCAUCCCCUUGUUACAAACCUCACCUUGGUUGGUUGCACAAUCAU        exp
    ................(((((((.(((((((((....(((((((((.(((((((.((......)))))))..)))..)))))))))....)))))))).)))))))........  reads     mm        sample
    .........uacuaacgcgaccacucagg.....................................................................................  1         0         c16
    ............................gugugcguugguggcaaagg.....................................................................  1         0         c16
    ............................Cugugcguugguggcaaagg.....................................................................  1         1         c16
    ............................gugugcguugguggcaaagga....................................................................  7         0         c16
    ............................gugugcguugguggcaaaggaU...................................................................  1         1         c16
    ............................Cugugcguugguggcaaaggag...................................................................  1         1         c16
    ............................gugugcguugguggcaaaggaA...................................................................  1         1         c16
    ............................gugugcguugguggcaaaggag...................................................................  27        0         c16
    ............................gugugcguugguggcaaaggaga..................................................................  32        0         c16
    ............................Cugugcguugguggcaaaggaga..................................................................  1         1         c16
    ............................gugugcguugguggAaaaggaga..................................................................  1         1         c16
    ............................Cugugcguugguggcaaaggagau.................................................................  3         1         c16
    ............................gugugcguugguggcaaaggagau.................................................................  123       0         c16
    ............................Uugugcguugguggcaaaggagau.................................................................  1         1         c16
    ............................gugugcguugguggcaaUgagau..................................................................  1         1         c16
    ............................gugugcAuugguggcaaaggagau.................................................................  1         1         c16
    ............................gugugcguugguggcaaaggagauU................................................................  9         1         c16
    ............................gugugcguugguggcaaaggagauc................................................................  1         0         c16
    ............................gugugcguugguggcaaaggagauA................................................................  4         1         c16
    ............................gugugcguugguggcaaaggagaucu...............................................................  2         0         c16
    ............................gugugcguugguggcaaaggagauUu...............................................................  2         1         c16
    ............................gugugcguugguggcaaaggagaucuU..............................................................  1         1         c16
    ............................gugugcguugguggcaaaggagaucug..............................................................  2         0         c16
    ............................gugugcAuugguggcaaaggagaucugu.............................................................  1         1         c16
    ............................gugugcguugguggcaaaggagaucuguuu...........................................................  1         0         c16
    ............................gugugcguugguggcaaaggagaucuguuuaauugcg....................................................  1         0         c16
    ............................ugugcguugguggcaaaggaga...................................................................  5         0         c16
    ............................Gugugcguugguggcaaaggagau.................................................................  2         1         c16
    ............................ugugcguugguggcaaaggagau..................................................................  15        0         c16
    ............................uCugcguugguggcaaaggagau.................................................................  1         1         c16
    ............................ugugcguugguggcaaaggagauU................................................................  1         1         c16
    ............................uUugcguugguggcaaaggagauc................................................................  1         1         c16
    ............................ugugcguugguggcaaaggagauAu...............................................................  1         1         c16
```

Star Mature

aaacgaagauacuaacgcgaccacucaggugugcguuguggcaaaggagaucuguuuaauugcgaucaucccuuguuacaaaccucaccuugguugguugcacaaucau

..........ugugcguuguggcaaaggagauUu..........	1	1	c16
..........Ggugcguuguggcaaaggagaucugu..........	1	1	c16
..........guuuaauugcgaucaucccuuguuacaaaccu..........	1	0	c16
..........ccccuuUuuacaaaccuc..........	1	1	c16
..........ccccuuguuacaaaccuc..........	23	0	c16
..........cccAuuguuacaaaccuc..........	1	1	c16
..........ccccuuguuacaaaccuca..........	16	0	c16
..........ccccuuguuacaaaccucC..........	1	1	c16
..........ccccuuguuacaaCccucac..........	3	1	c16
..........ccccuuguuacaaaccucac..........	71	0	c16
..........ccccuuguuacaaaccucCc..........	1	1	c16
..........ccccuuguuacaaaccucaA..........	1	1	c16
..........ccccuuguuacaaaccuAacc..........	1	1	c16
..........cAccuuguuacaaaccucacc..........	1	1	c16
..........ccccuuguuacaaaccuUacc..........	1	1	c16
..........ccccuugAuacaaaccucacc..........	1	1	c16
..........ccccuuguuCcaaaccucacc..........	2	1	c16
..........ccccuuguuacaaaccucacc..........	286	0	c16
..........ccccuuguuacaaaccucCcc..........	5	1	c16
..........ccccuuguuacaaaccucaUc..........	1	1	c16
..........ccccuuguuacaCaccucacc..........	1	1	c16
..........ccccuuguuacaaCccucacc..........	7	1	c16
..........ccccuuguuacaaaccucCccu..........	12	1	c16
..........ccccuugGuacaaaccucaccu..........	1	1	c16
..........ccUcuuguuacaaaccucaccu..........	2	1	c16
..........ccccuuguCacaaaccucaccu..........	1	1	c16
..........ccccuAguuacaaaccucaccu..........	4	1	c16
..........ccccuuguuacaaaccucaAcu..........	4	1	c16
..........ccccuGguuacaaaccucaccu..........	1	1	c16
..........ccccuuguuacaaaccucaccC..........	1	1	c16
..........ccccuuguuacaaaAcucaccu..........	5	1	c16
..........ccAcuuguuacaaaccucaccu..........	4	1	c16
..........ccccuuCuuacaaaccucaccu..........	5	1	c16
..........ccGcuuguuacaaaccucaccu..........	1	1	c16
..........ccccuuguuacaCaccucaccu..........	16	1	c16
..........ccccuuguuacGaaccucaccu..........	1	1	c16
..........ccccuuguuacaaaccucacAu..........	10	1	c16
..........ccccuuguuacaaCccucaccu..........	61	1	c16
..........ccccuuguuCcaaaccucaccu..........	1	1	c16
..........ccccuuguuacaaacAucaccu..........	10	1	c16
..........ccccCuguuacaaaccucaccu..........	1	1	c16
..........ccccuuguuacCaaccucaccu..........	7	1	c16
..........ccccuuguuUcaaaccucaccu..........	1	1	c16
..........ccccuuguuacaaacGucaccu..........	1	1	c16
..........ccccuuguuacaaaccucaccu..........	2755	0	c16
..........cccAuuguuacaaaccucaccu..........	5	1	c16
..........ccccuuguuacaaaccucGccu..........	3	1	c16
..........ccccuuguuacaaaccAcaccu..........	1	1	c16
..........Ucccuuguuacaaaccucaccu..........	1	1	c16
..........ccccuuguuacaGaccucaccu..........	2	1	c16
..........ccccuuguuacaaaccuAaccu..........	1	1	c16
..........cAccuuguuacaaaccucaccu..........	2	1	c16
..........ccccuuguuacaaaUcucaccu..........	1	1	c16
..........ccccuuguuacaaaccucaccA..........	11	1	c16
..........ccccuugAuacaaaccucaccu..........	5	1	c16
..........ccccuuguuacaaUccucaccu..........	2	1	c16
..........cUccuuguuacaaaccucaccu..........	1	1	c16
..........ccccuuguuacaaaccucaUcu..........	2	1	c16
..........ccccuuguuacaaaccCcaccu..........	1	1	c16
..........ccccAuguuacaaaccucaccu..........	1	1	c16
..........cccGuuguuacaaaccucaccu..........	2	1	c16
..........Acccuuguuacaaaccucaccu..........	2	1	c16
..........ccccuuguuacaaaccucaccuG..........	9	1	c16
..........ccccuuguuacaCaccucaccuu..........	1	1	c16
..........ccccuuguuacaaaAcucaccuu..........	1	1	c16
..........ccccuuCuuacaaaccucaccuu..........	1	1	c16
..........ccccuuguuacaaaccucaccuu..........	137	0	c16
..........cAccuuguuacaaaccucaccuu..........	1	1	c16
..........ccccuuguuacaaaccucaccuA..........	66	1	c16
..........cccAuuguuacaaaccucaccuu..........	1	1	c16

Star Mature

aaacgaagauacuaacgcgaccacucaggugugcguuguggcaaaggagaucuguuuaauugcgaucaucccuuguuacaaaccucaccuugguugguugcacaaucau

.....cccuuguuacaaCccucaccuu.....	3	1	c16
.....ccccuuguuacaaaccucaccuC.....	5	1	c16
.....ccccuuguuacaaaccucaccuuC.....	1	1	c16
.....ccccuuguuacaaaccucaccuug.....	2	0	c16
.....ccccuuguuacaaaccucaccuuU.....	79	1	c16
.....ccccuuguuacaaaccucaccuuA.....	36	1	c16
.....ccccuuguuacaaaccucaccuuCg.....	1	1	c16
.....cccuuguuacaaaccucacc.....	8	0	c16
.....cccuuguuacaaaccucaccu.....	57	0	c16
.....cccuuguuacaaaAcucaccu.....	1	1	c16
.....cccuuguuacaaaccucaccuu.....	24	0	c16
.....cccuuguuacaaaccucaccuA.....	1	1	c16
.....cccuuguuacaaaccucaccuuU.....	2	1	c16
.....ccuuguuacaaaccucaccu.....	2	0	c16
.....ccuuguuacaaaccucaccuu.....	1	0	c16
.....cuuguuacaaaccucaccu.....	18	0	c16
.....cCuguuacaaaccucaccu.....	1	1	c16
.....cuuguuacaaaccucaccuA.....	2	1	c16
.....cuuguuacaaaccucaccuu.....	1	0	c16
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.....cuuguuacaaaccucaccuAg.....	2	1	c16
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.....gugugcguuguggcaaaggagauU.....	3	1	c04
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.....gugugcguuguggcaaaggaga.....	5	0	c09
.....gugugcguuguggcaaaggagau.....	27	0	c09
.....gugugcguuguggcaaaggagauU.....	1	1	c09

Star Mature

aaacgaagauacuaacgcgaccacucaggugugcguuguggcaaaggagaucuguuuaauugcgaucauccccuuguuacaaaccucaccuugguugguugcacaaucau

.....gugugcguuguggcaaaggagauc.....	2	0	c09
.....gugugcguuguggcaaaggagauUu.....	1	1	c09
.....gugugcguuguggcaaaggagauGu.....	1	1	c09
.....gugugcguuguggcaaaggagaucu.....	2	0	c09
.....gugugcguuguggcaaaggagaucuU.....	1	1	c09
.....gugugcguuguggcaaaggagaucugu.....	1	0	c09
.....gugugcguuguggcaaaggagaucuguuua.....	1	0	c09
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.....Ggugcguuguggcaaaggagau.....	1	1	c09
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Star Mature

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..........gugugcguuguggcaaaggagauA..........	9	1	c15
..........gugugcguuguggcaaaggagauU..........	140	1	c15
..........gugugcguuguggcaaaggagaucu..........	1	0	c15
..........gugugcguuguggcaaaggagauUu..........	16	1	c15
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..........ccUcuuguuacaaaccucaccu..........	2	1	c15
..........ccccuuguuacaaaccucaccG..........	13	1	c15
..........ccccuuguuacaaaccucaccA..........	160	1	c15
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..........ccccuuguuacaGaccucaccu..........	3	1	c15
..........Ucccuuguuacaaaccucaccu..........	6	1	c15
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..........cAccuuguuacaaaccucaccu..........	3	1	c15
..........ccccuuguuacaaacAucaccu..........	1	1	c15
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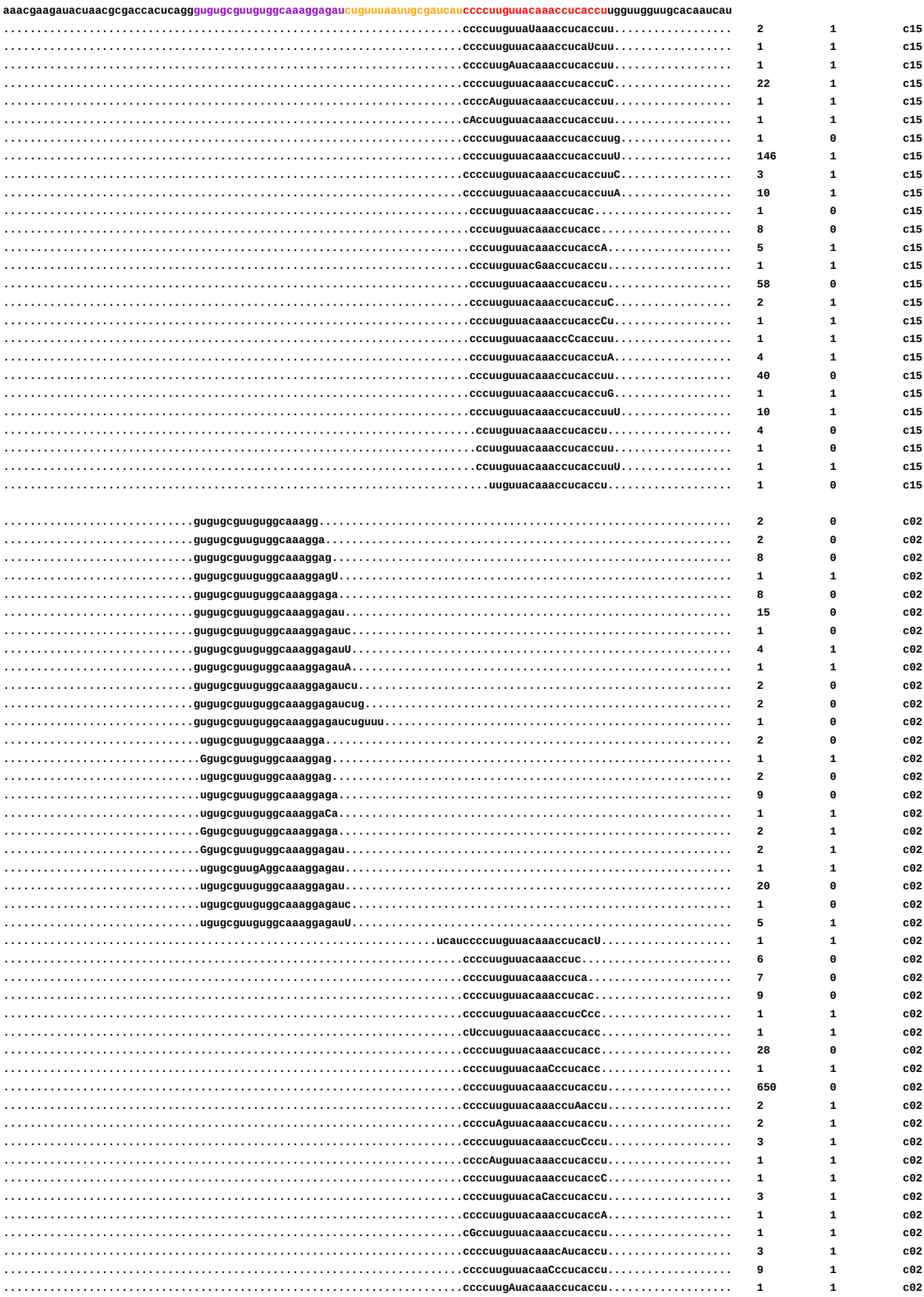
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Mature
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.....cccuuguuaUaaaccucaccuu..... 2 1 c15
.....ccccuuguuacaaaccucaUcuu..... 1 1 c15
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.....ccccuuguuacaaaccucaccuC..... 22 1 c15
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.....cAccuuguuacaaaccucaccuu..... 1 1 c15
.....ccccuuguuacaaaccucaccuug..... 1 0 c15
.....ccccuuguuacaaaccucaccuuU..... 146 1 c15
.....ccccuuguuacaaaccucaccuuC..... 3 1 c15
.....ccccuuguuacaaaccucaccuuA..... 10 1 c15
.....ccccuuguuacaaaccucac..... 1 0 c15
.....ccccuuguuacaaaccucacc..... 8 0 c15
.....ccccuuguuacaaaccucaccA..... 5 1 c15
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.....ccccuuguuacaaaccucaccuC..... 2 1 c15
.....ccccuuguuacaaaccucaccCu..... 1 1 c15
.....ccccuuguuacaaaccCcaccuu..... 1 1 c15
.....ccccuuguuacaaaccucaccuA..... 4 1 c15
.....ccccuuguuacaaaccucaccuu..... 40 0 c15
.....ccccuuguuacaaaccucaccuG..... 1 1 c15
.....ccccuuguuacaaaccucaccuuU..... 10 1 c15
.....ccuuguuacaaaccucaccu..... 4 0 c15
.....ccuuguuacaaaccucaccuu..... 1 0 c15
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.....gugugcguuguggcaaagg..... 2 0 c02
.....gugugcguuguggcaaagga..... 2 0 c02
.....gugugcguuguggcaaaggag..... 8 0 c02
.....gugugcguuguggcaaaggagU..... 1 1 c02
.....gugugcguuguggcaaaggaga..... 8 0 c02
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.....gugugcguuguggcaaaggagauc..... 1 0 c02
.....gugugcguuguggcaaaggagauU..... 4 1 c02
.....gugugcguuguggcaaaggagauA..... 1 1 c02
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.....gugugcguuguggcaaaggagaucug..... 2 0 c02
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.....Ggugcguuguggcaaaggag..... 1 1 c02
.....ugugcguuguggcaaaggag..... 2 0 c02
.....ugugcguuguggcaaaggaga..... 9 0 c02
.....ugugcguuguggcaaaggaCa..... 1 1 c02
.....Ggugcguuguggcaaaggaga..... 2 1 c02
.....Ggugcguuguggcaaaggagau..... 2 1 c02
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.....cUccuuguuacaaaccucacc..... 1 1 c02
.....ccccuuguuacaaaccucacc..... 28 0 c02
.....ccccuuguuacaaCccucacc..... 1 1 c02
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.....ccccuuguuacaaaccuAaccu..... 2 1 c02
.....ccccuAguuacaaaccucaccu..... 2 1 c02
.....ccccuuguuacaaaccucCccu..... 3 1 c02
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.....ccccuuguuacaaaccucaccC..... 1 1 c02
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.....ccccuuguuacaaacAucaccu..... 3 1 c02
.....ccccuuguuacaaCccucaccu..... 9 1 c02
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Star Mature

aaacgaagauacuaacgcgaccacucaggugugcguuguggcaaaggagaucuguuuaauugcgaucaucccuuguuacaaaccucaccuugguuggguugcacaaucau

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.....ccccuuguuGcaaaccucaccu.....	1	1	c02
.....ccccuuguuacaaaccucacAu.....	2	1	c02
.....cccAuuguuacaaaccucaccu.....	4	1	c02
.....ccccuuguuacaaaccucaccuu.....	22	0	c02
.....ccccuuguuacaaCccucaccuu.....	1	1	c02
.....ccccuuguuacaaaccucaccuG.....	1	1	c02
.....ccccuuguuacaaaccucaccuC.....	2	1	c02
.....ccUcuuguuacaaaccucaccuu.....	1	1	c02
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.....cccuuguuacaaaccucacc.....	1	0	c02
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.....cuuguuacaaaccucaccu.....	6	0	c02
.....cuuguuacaaaccucaccuu.....	1	0	c02
.....uuguuacaaaccucaccu.....	2	0	c02
.....uuguuacaaaccucaccuu.....	1	0	c02
.....guuacaaaccucaccuuU.....	1	1	c02

Provisional ID	:	group15_25641
Score total	:	47612.3
Score for star read(s)	:	3.9
Score for read counts	:	47602
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
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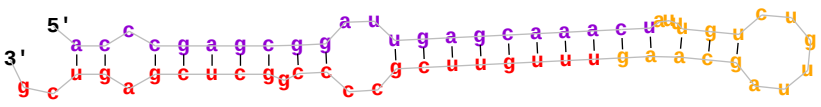

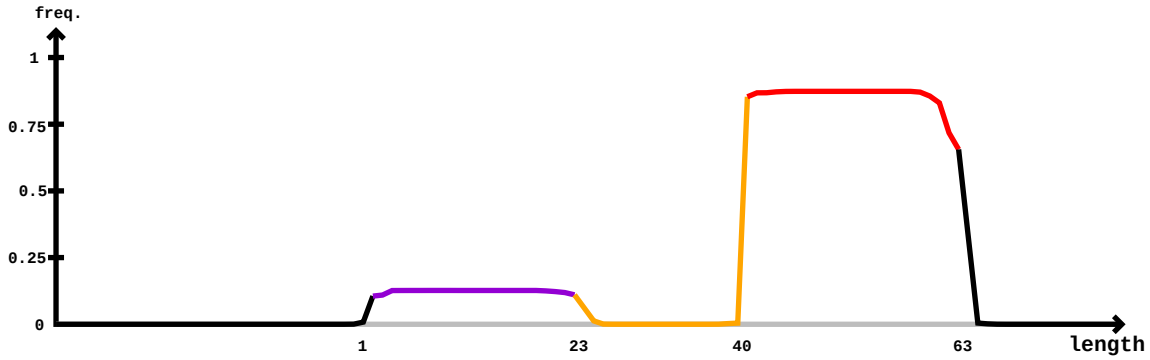

Star **Mature**

```
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    gacgucagaggcaugacaugacagcgagacaacccgagcggauugagcaaacuauuugucuguuagcaaguuuguucgccccggcucgagucguuuggcgucauaguuc        exp
    ...((((......))))(((((.((.((((.((.(((((((..((((((((((...(((......)))))))))))))..))).))))))..))).))))).)))).....  reads   mm   sample
    ....................acagcgagacaacccgagcg.....................................................................  1       0    c16
    ..............................caacccgagcggauugagca.....................................................................  1       0    c16
    ..............................caacccgagcggauugagcaa....................................................................  10      0    c16
    ..............................caacccgagcggauugagcaaa...................................................................  8       0    c16
    ..............................caacccgagcggauugagcaaac..................................................................  5       0    c16
    ..............................caacccgagcggauugagcaaacu.................................................................  16      0    c16
    ..............................aacccgagcggauugagc.......................................................................  8       0    c16
    ..............................Cacccgagcggauugagca......................................................................  2       1    c16
    ..............................aacccgagcggauugagca......................................................................  22      0    c16
    ..............................aacccgagcggauuCagca......................................................................  1       1    c16
    ..............................Cacccgagcggauugagcaa.....................................................................  7       1    c16
    ..............................aaAccgagcggauugagcaa.....................................................................  1       1    c16
    ..............................aacccgagcggauugagcaa.....................................................................  81      0    c16
    ..............................aacccgagcggauugagcaaa....................................................................  69      0    c16
    ..............................aacAcgagcggauugagcaaa....................................................................  1       1    c16
    ..............................Cacccgagcggauugagcaaa....................................................................  12      1    c16
    ..............................aacccgagcggaGugagcaaac...................................................................  1       1    c16
    ..............................aacccgaCcggauugagcaaac...................................................................  1       1    c16
    ..............................aacccgagcggauugagcaaaA...................................................................  2       1    c16
    ..............................aaccAgagcggauugagcaaac...................................................................  1       1    c16
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    ..............................aacccCagcggauugagcaaacu..................................................................  1       1    c16
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    ..............................aacccgagcggauugagcaaacA..................................................................  5       1    c16
    ..............................Cacccgagcggauugagcaaacu..................................................................  25      1    c16
    ..............................aacccgagcgCauugagcaaacu..................................................................  1       1    c16
    ..............................aacccgagcggauugagcaaacua.................................................................  2       0    c16
```

Star Mature

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.....aacccgagcggauugagcaaacuC.....	1	1	c16
.....aacccgagcggauugagcaaacuau.....	1	0	c16
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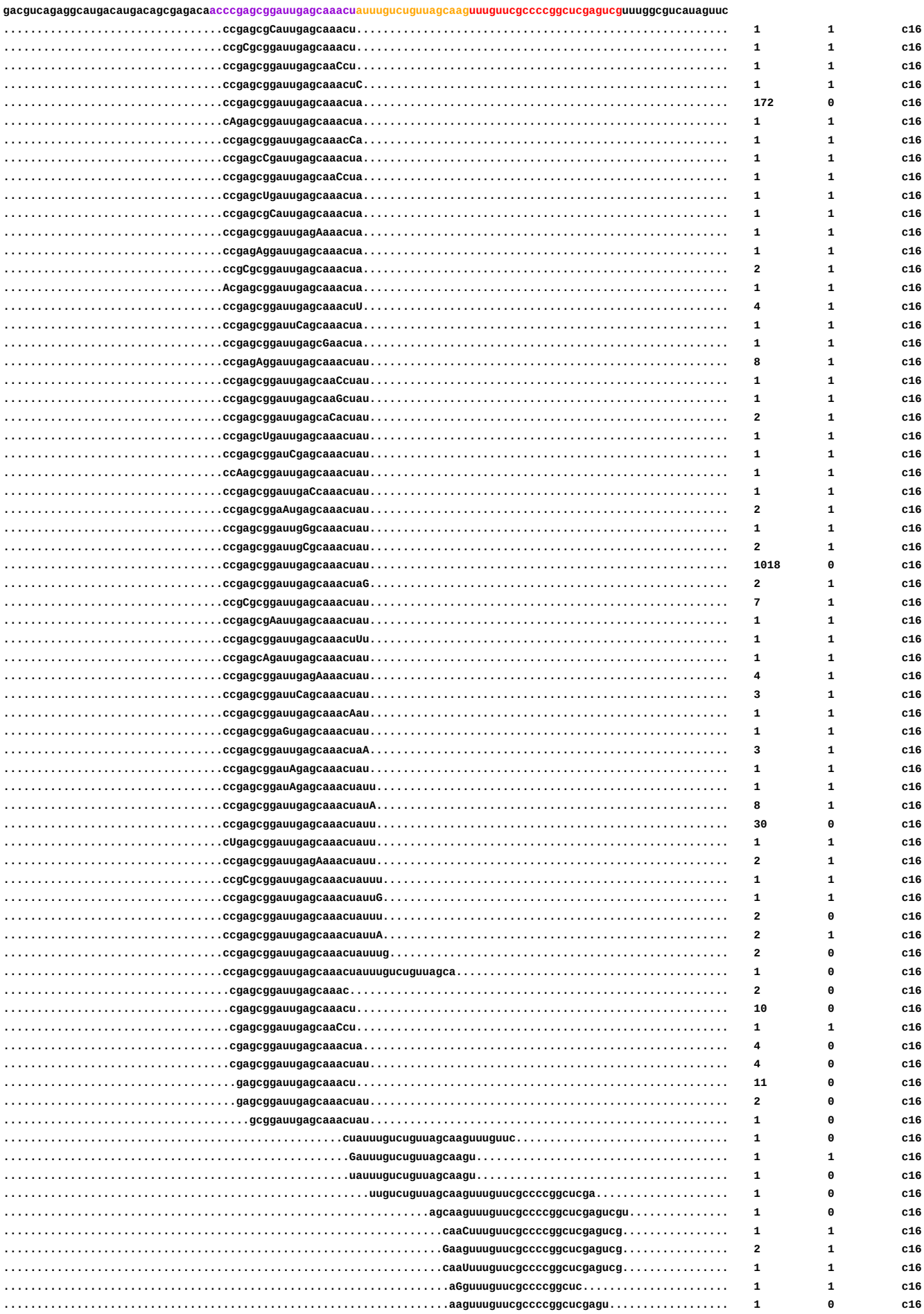
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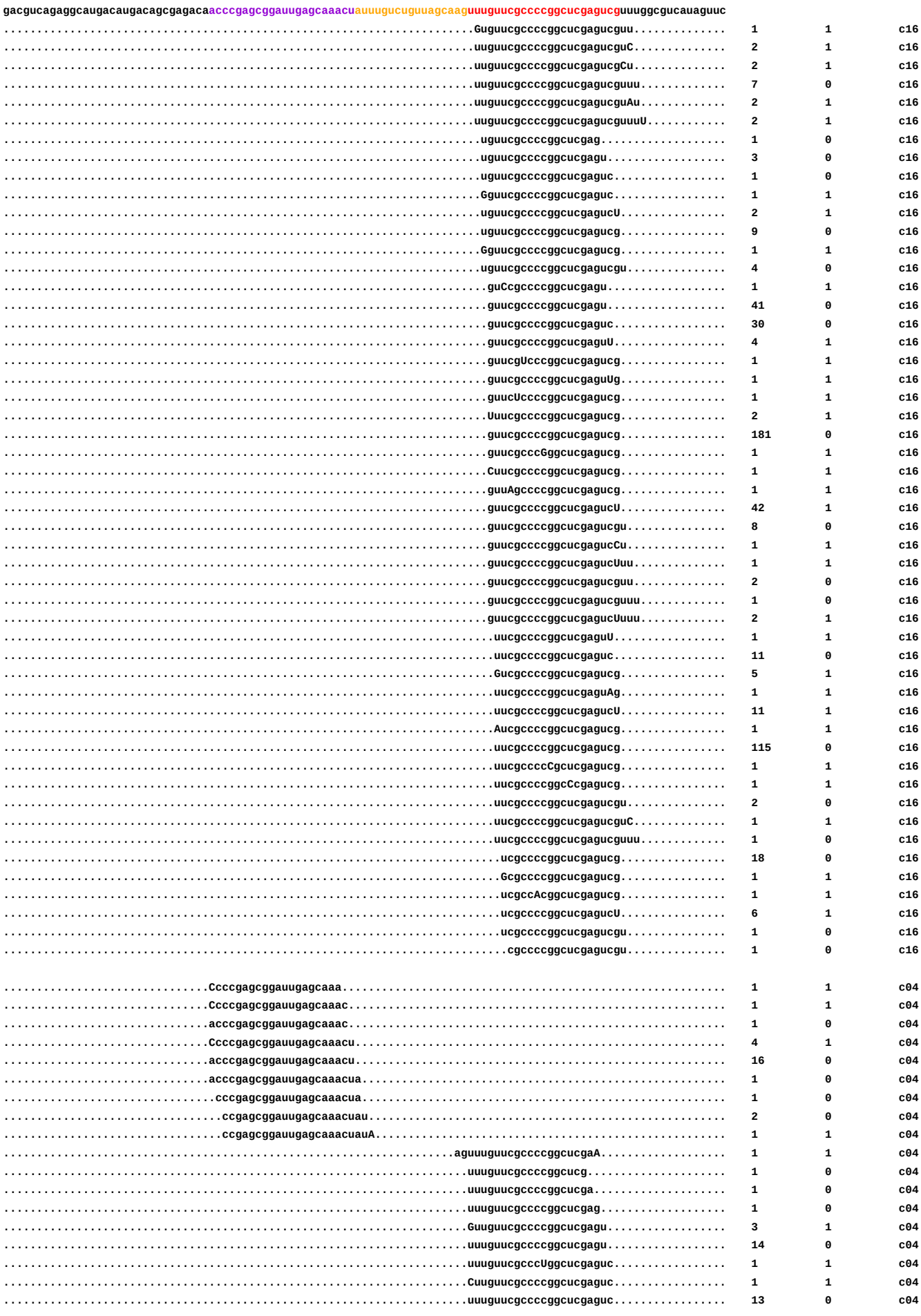
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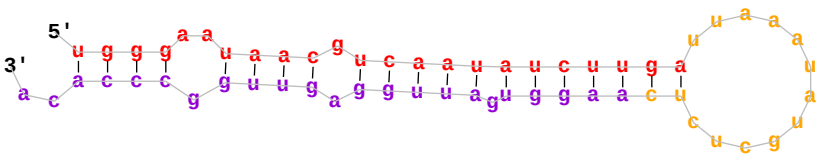
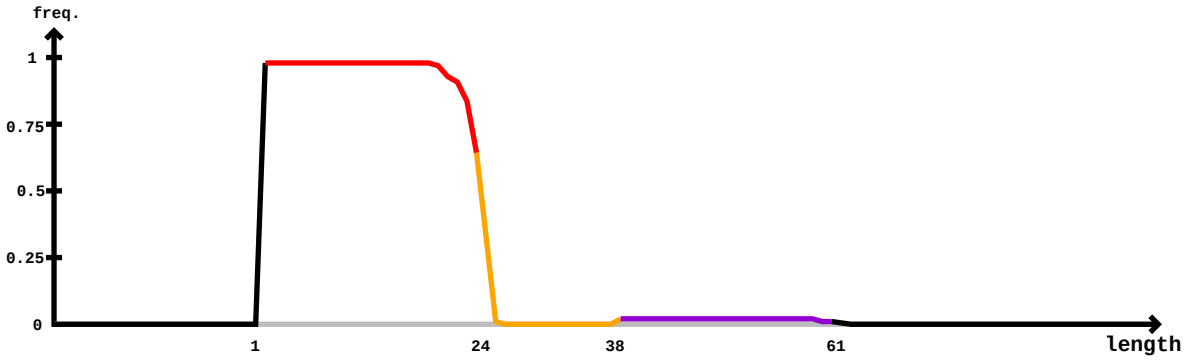
.....uuuguucgccccggcucgagucgu.....	7	0	c04
.....uuuguucgccccggcucgagucgA.....	1	1	c04
.....uuuguucgccccggcucgagucguu.....	1	0	c04
.....uuguucgccccggcucgagucg.....	2	0	c04
...........acccgagcggauugagcaaacu.....	1	0	c09
.....Guuguucgccccggcucga.....	1	1	c09
.....uuuguucgccccggcucgagu.....	1	0	c09
.....uuuguucgccccggcucgaguc.....	1	0	c09
.....uuuguucgccccggcucgagucg.....	8	0	c09
...........acccgagcggauugagcaaac.....	1	0	c15
...........acccgagcggauugagcaaacu.....	9	0	c15
...........acccgagcggauugagcaaacua.....	1	0	c15
.....uuuguucCccccggcucga.....	1	1	c15
.....uuuguucgccccggcucgagu.....	2	0	c15
.....uuuguucgccccggcucgagucC.....	1	1	c15
.....uuuguucgccccggcucgagucU.....	1	1	c15
.....uuuguucgccccggcucgagucg.....	18	0	c15
.....uuuguucgccccggcucgagucA.....	4	1	c15
.....uuuguucgccccggcucgagucgu.....	3	0	c15
.....uuuguucgccccggcucgagucguuu.....	1	0	c15
.....uuguucgccccggcucgagucgu.....	2	0	c15
...........aacccgagcggauugagcaaacu.....	1	0	c02
...........Ccccgagcggauugagcaaac.....	1	1	c02
...........acccgagcggauugagcaaac.....	1	0	c02
...........Ccccgagcggauugagcaaacu.....	1	1	c02
.....uuuguucgccccggcucga.....	2	0	c02
.....uuuguucgccccggcucgag.....	2	0	c02
.....uuuguucgccccggcucgagu.....	1	0	c02
.....uuuguucgccccggcucgaguc.....	2	0	c02
.....Guuguucgccccggcucgagucg.....	10	1	c02
.....uuuguucgccccggcucgagucg.....	31	0	c02
.....Guuguucgccccggcucgagucgu.....	1	1	c02

Provisional ID	:	group15_25644
Score total	:	49
Score for star read(s)	:	3.9
Score for read counts	:	44
Score for mfe	:	0.4
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	98
Mature read count	:	96
Loop read count	:	0
Star read count	:	2



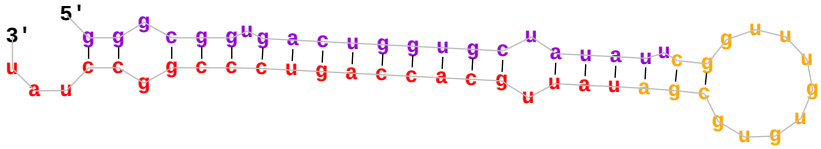


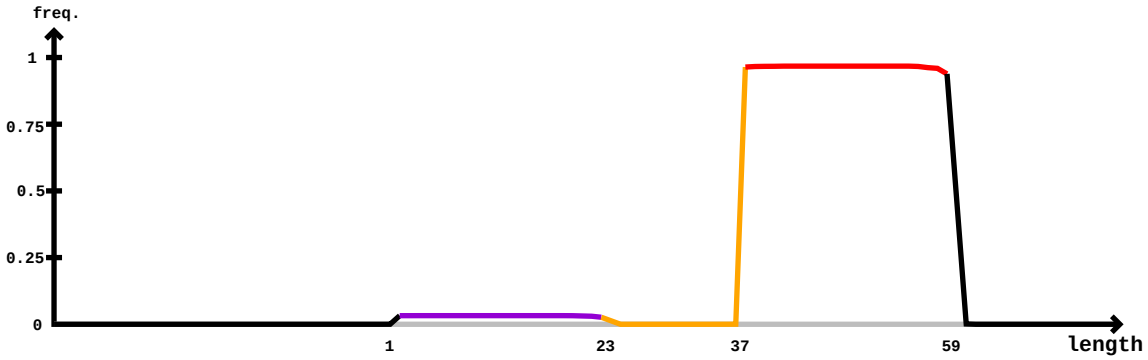
Mature **Star**

```
5'- caaaaauuaagugaaauacgugggaauaacgucaauaucuugauuaaauaugcucucaaggugauuggaguuggcccacauguuucaguuuuucuuauucugucguuuuguga  -3'   obs
    caaaaauuaagugaaauacgugggaauaacgucaauaucuugauuaaauaugcucucaaggugauuggaguuggcccacauguuucaguuuuucuuauucugucguuuuguga        exp
    ........((.(((((((.(((((..((((.(((((((((((.............)))))))..)))))..)))))).)))))))..))).....................   reads    mm    sample
    ...................ugggaauaacgucaauau.....................................................................   1        0     c16
    ...................ugggaauaacgucaauauc....................................................................   4        0     c16
    ...................ugggaauaacgucaauaucu...................................................................   2        0     c16
    ...................ugggaauaacgucaauaucuu..................................................................   6        0     c16
    ...................Ggggaauaacgucaauaucuu..................................................................   1        1     c16
    ...................ugggaauaacgucaauaucuuU.................................................................   1        1     c16
    ...................Ggggaauaacgucaauaucuug.................................................................   1        1     c16
    ...................ugggaauaacgucaauaucuug.................................................................   17       0     c16
    ...................ugggaauaacgucaauaucuuga................................................................   39       0     c16
    ...................Ggggaauaacgucaauaucuuga................................................................   7        1     c16
    ...................ugggaauaacgucaauaucuugau...............................................................   13       0     c16
    ...................Ggggaauaacgucaauaucuugau...............................................................   1        1     c16
    ...................ugggaauaacgucaauaucuugauA..............................................................   1        1     c16
    ..........................................................aaggugauuggaguuggccca.....................................   1        0     c16
    ..........................................................aaggugauuggaguuggcccaca...................................   1        0     c16

    ...................ugggaauaacgucaauaucuuga................................................................   2        0     c15
```

Provisional ID	:	group15_25713
Score total	:	11894.5
Score for star read(s)	:	3.9
Score for read counts	:	11883.6
Score for mfe	:	2.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	23321
Mature read count	:	22569
Loop read count	:	0
Star read count	:	752





Star **Mature**

```
5'- gucggcauccuuuguccgggaggcccgaguggcugggcggugacuggugcuauauucgguuugugugcgauauugcaccagucccggccuauccaagcgggcccggccg  -3'   obs
    gucggcauccuuuguccgggaggcccgaguggcugggcggugacuggugcuauauucgguuugugugcgauauugcaccagucccggccuauccaagcgggcccggccg        exp
    ..((((.((((.....))))((((((..(((.(((((((.(((((((((.((((.((.........))))))).)))))))))))).)))))).)))..))))))..))))  reads     mm        sample
    ................................gggcggugacuggugcuauau.....................................................  1         0         c09
    ..........................................................uauugcaccagucccggc.....................  1         0         c09
    ..........................................................uauugcaccagucccggcc....................  1         0         c09
    ..........................................................uauugcaccagucccggccu...................  1         0         c09
    ..........................................................Gauugcaccagucccggccua..................  1         1         c09
    ..........................................................uauugcaccagucccggccua..................  7         0         c09
    ..........................................................uauugcaccagucccggccuau.................  41        0         c09
    ..........................................................uauugcacAagucccggccuau.................  1         1         c09
    ..........................................................uCuugcaccagucccggccuau.................  1         1         c09
    ..........................................................uauugcCccagucccggccuau.................  1         1         c09
    ..........................................................uauugcaccagucccggccuauU................  4         1         c09
    ..........................................................Cuugcaccagucccggccuau.................  1         1         c09
    ..........................................................uugcaccagucccggccuau..................  1         0         c09

    ................................gggcggugacuggugcuau.....................................................  1         0         c16
    ................................gggcggugacuggugcuaua....................................................  1         0         c16
    ................................gggcggugacuggugcuauauu..................................................  3         0         c16
    ................................gggcggugCcuggugcuauauu..................................................  1         1         c16
    ..........................................................uauugcaccagucccggcc....................  5         0         c16
    ..........................................................uauuUcaccagucccggcc....................  1         1         c16
    ..........................................................uauugcaccagucGcggccu...................  1         1         c16
    ..........................................................uauugcaccagucccggccu...................  10        0         c16
    ..........................................................uauugcaccagucccggccua..................  15        0         c16
    ..........................................................uauugcaccagucccggccuau.................  278       0         c16
    ..........................................................uauugcaccagucccAgccuau.................  1         1         c16
    ..........................................................Aauugcaccagucccggccuau.................  1         1         c16
    ..........................................................uauugAaccagucccggccuau.................  1         1         c16
    ..........................................................uauuUcaccagucccggccuau.................  1         1         c16
    ..........................................................uauugUaccagucccggccuau.................  1         1         c16
    ..........................................................uauugcCccagucccggccuau.................  4         1         c16
    ..........................................................uauugcaccGgucccggccuau.................  1         1         c16
    ..........................................................uauuCcaccagucccggccuau.................  2         1         c16
    ..........................................................uauugcacAagucccggccuau.................  1         1         c16
```

Star Mature

gucggcauccuuuguccgggaggcccgaguggcugggcggugacuggugcuauauucgguuugugugcgauauugcaccagucccggccuauccaagcgggcccggccg

.....uauugcaccagucUcggccuau.....	2	1	c16
.....Gauugcaccagucccggccuau.....	28	1	c16
.....uauugcaccagucccggccuauA.....	5	1	c16
.....uauugcaccagucccggccuauU.....	12	1	c16
.....uauugcaccagucccggccuaucU.....	1	1	c16
.....auugcaccagucccggccuau.....	1	0	c16
.....Cuugcaccagucccggccuau.....	1	1	c16
.....auugcaccagucccggccuauA.....	1	1	c16
.....auugcaccagucccggccuauU.....	1	1	c16
.....uugcaccagucccggccuau.....	2	0	c16
.....Gugcaccagucccggccuau.....	1	1	c16
.....gcaccagucccggccuau.....	1	0	c16
.....gggcggugacuggugcuau.....	1	0	c04
.....gggcggugacuggugcuauau.....	1	0	c04
.....gggcggugacuggugcuauauA.....	1	1	c04
.....uggugcuauauucgguuugugugcga.....	1	0	c04
.....cgCuauugcaccagucccggcc.....	1	1	c04
.....uauugcCccagucccggc.....	1	1	c04
.....uauugcaccagucccggc.....	10	0	c04
.....Gauugcaccagucccggc.....	1	1	c04
.....Aauugcaccagucccggc.....	1	1	c04
.....uauugcaccagucccggcc.....	43	0	c04
.....uauugcCccagucccggcc.....	1	1	c04
.....Gauugcaccagucccggcc.....	1	1	c04
.....Gauugcaccagucccggccu.....	1	1	c04
.....uauugcaccaguGccggccu.....	1	1	c04
.....uauugcaccagucccggccu.....	29	0	c04
.....uauugcaccagucccggccua.....	42	0	c04
.....uaAugcaccagucccggccua.....	1	1	c04
.....Gauugcaccagucccggccua.....	2	1	c04
.....uauugcaccagucccggccuU.....	1	1	c04
.....uauugcaccaguccUggccua.....	1	1	c04
.....uauugcCccagucccggccuau.....	4	1	c04
.....uauugcaccaguccCgccuau.....	5	1	c04
.....Aauugcaccagucccggccuau.....	5	1	c04
.....uauugcaccagucccggccuaC.....	1	1	c04
.....uaCugcaccagucccggccuau.....	1	1	c04
.....uauugcaccaguccAgccuau.....	1	1	c04
.....uauugcaccaguccUgccuau.....	1	1	c04
.....Gauugcaccagucccggccuau.....	55	1	c04
.....uauugcaccaguAccggccuau.....	1	1	c04
.....uauugcaccagucccggUcuau.....	1	1	c04
.....uauugcaccaguUccggccuau.....	1	1	c04
.....uauugcaccagucAcggccuau.....	1	1	c04
.....uauugcaccagucccggccuau.....	676	0	c04
.....uauugcaccagucccggccuaA.....	7	1	c04
.....uauugcGccagucccggccuau.....	1	1	c04
.....uauugcaUcagucccggccuau.....	1	1	c04
.....uauugcaccaCucccggccuau.....	1	1	c04
.....uauugcacAaguccggccuau.....	1	1	c04
.....uauugcaccagucccggcAuau.....	1	1	c04
.....uauugcaccagucccgCccuau.....	3	1	c04
.....uaGugcaccagucccggccuau.....	1	1	c04
.....uauuCcaccagucccggccuau.....	1	1	c04
.....uauugcaccagucccggccuaGc.....	1	1	c04
.....uauugcaccagucccggccuauA.....	303	1	c04
.....uauugcaccagucccggccuauG.....	3	1	c04
.....uauugcaUcagucccggccuauc.....	1	1	c04
.....uauugcaccagucccggccuauU.....	12	1	c04
.....uauugcaccagucccggccuauAc.....	1	1	c04
.....auugcaccagucccggcc.....	1	0	c04
.....auugcaccagucccggAcuau.....	1	1	c04
.....auugcaccagucccggccuau.....	5	0	c04
.....Cuugcaccagucccggccuau.....	1	1	c04
.....auugcaccagucccggccuauA.....	2	1	c04
.....auugcaccagucccggccuauG.....	1	1	c04
.....uugcaccagucccggccu.....	1	0	c04
.....uugcaccagucccggccuau.....	4	0	c04
.....uugcaccagucccggccuaA.....	1	1	c04

Star Mature

gucggcauccuuuguccgggaggcccgaguggcugggcggugacuggugcuauauucgguuugugugcgauauugcaccaguccggccuauccaagcgggcccggccg

.....uugcaccaguccggccuauG.....	1	1	c04
.....gcaccaguccggccuau.....	3	0	c04
.....gcaccaguccggccuauA.....	3	1	c04
.....gcaccaguccggccuauG.....	1	1	c04
.....gggcggugacuggugcuauauu.....	2	0	c02
.....uauugcaUcagucccggc.....	1	1	c02
.....uauugcaccagucccggccu.....	1	0	c02
.....uauugcaccagucccggccua.....	4	0	c02
.....uauugcCccagucccggccuau.....	2	1	c02
.....uauugcaccaguccc ggGcuau.....	1	1	c02
.....uauugcaccaguccc ggccuau.....	128	0	c02
.....Gauugcaccaguccc ggccuau.....	15	1	c02
.....uauugcaccaguccc ggccuauU.....	6	1	c02
.....auugcaccaguccc ggccuau.....	1	0	c02
.....uugcaccaguccc ggccuauU.....	1	1	c02
.....gGugggcggugacuggugcuauauu.....	1	1	c15
.....ugggcggugacuggugcuauauu.....	1	0	c15
.....gggcggugacuggugcua.....	6	0	c15
.....gggcggugacuggugcuau.....	19	0	c15
.....gggcggCgacuggugcuau.....	1	1	c15
.....gggcggugacuggugcuUu.....	1	1	c15
.....gggcggugacuggugcuaua.....	20	0	c15
.....Uggcggugacuggugcuaua.....	1	1	c15
.....gggcggugacuggugcuauU.....	1	1	c15
.....gggcggugacuggugcGauau.....	1	1	c15
.....Aggcggugacuggugcuauau.....	1	1	c15
.....gggcggugacuggugcuauau.....	83	0	c15
.....gggcggugacuggugcuauUuu.....	1	1	c15
.....gggcggugacuggugcCauauu.....	1	1	c15
.....gUggcggugacuggugcuauauu.....	1	1	c15
.....gggcggugacuggugcGauauu.....	1	1	c15
.....gggcggugacuggugcuGuauu.....	1	1	c15
.....gggcggugacuggugcuauauA.....	3	1	c15
.....gggcggGgacuggugcuauauu.....	1	1	c15
.....gggcggugacuggugcuauauu.....	573	0	c15
.....gggcggugacuggGgcuauauu.....	1	1	c15
.....gggcgUugacuggugcuauauu.....	1	1	c15
.....Uggcggugacuggugcuauauu.....	4	1	c15
.....gggcggugacuggugcuauauC.....	2	1	c15
.....gggcggugacuggugcuauauuc.....	1	0	c15
.....gggcggugacuggugcuauauuU.....	7	1	c15
.....gggcggugacuggugcuauauuA.....	6	1	c15
.....gcggugacuggugcuauau.....	1	0	c15
.....auauugcaccaguccc ggccuau.....	1	0	c15
.....Cuauugcaccaguccc ggccuau.....	3	1	c15
.....uauugcaccaguccc gAc.....	1	1	c15
.....uauugcaccaguccc ggc.....	11	0	c15
.....uauugcaccaguccUggcc.....	1	1	c15
.....uauugcaccaguccc ggcG.....	1	1	c15
.....uauugcaccaguccc ggcA.....	1	1	c15
.....uauugcaccaguccc ggcc.....	46	0	c15
.....uauugcaccaAucccggcc.....	1	1	c15
.....uauugcaccaguccc ggcUu.....	1	1	c15
.....uauugcaccaguccc ggccu.....	15	0	c15
.....uauugcaccaguccc ggccuU.....	3	1	c15
.....uauugcaccagucUcggccua.....	1	1	c15
.....uauugcaccaguccc ggccuC.....	1	1	c15
.....uauugcacGaguccc ggccua.....	1	1	c15
.....uauugcaccagCcccggccua.....	1	1	c15
.....uauuUcaccaguccc ggccua.....	1	1	c15
.....uauugcaccaguccc gAccua.....	1	1	c15
.....uauugcaccagGcccggccua.....	1	1	c15
.....uauugcaccaguccc ggccAa.....	4	1	c15
.....uauugcaccaguccc ggccua.....	394	0	c15
.....uauuAcaccaguccc ggccuau.....	8	1	c15
.....uauugcaccagucGcggccuau.....	1	1	c15
.....uauugcaccaguccc ggccAau.....	12	1	c15
.....uauuUcaccaguccc ggccuau.....	3	1	c15

Star Mature

gucggcauccuuuguccgggaggcccgaguggcugggcggugacuggugcuauauucgguuugugugcgauauugcaccagucccggccuauccaagcgggcccggccg

.....uGuugcaccagucccggccuau.....	9	1	c15
.....uauugcaccagucccggUcuau.....	3	1	c15
.....uauCgcaccagucccggccuau.....	2	1	c15
.....uauugcaccagucccCgccuau.....	1	1	c15
.....uauugcaccagucAcggccuau.....	5	1	c15
.....uauugcaccagucccggccCau.....	11	1	c15
.....uauugUaccagucccggccuau.....	16	1	c15
.....uauugGaccagucccggccuau.....	7	1	c15
.....uauuCcaccagucccggccuau.....	2	1	c15
.....uauugcaccUgucccggccuau.....	1	1	c15
.....uauugcaccagucccggccuaC.....	123	1	c15
.....uauugcaccaguccccgCccuau.....	3	1	c15
.....uaCugcaccagucccggccuau.....	1	1	c15
.....uauugcaccaguccccgAccuau.....	12	1	c15
.....uauugcaccaguccccgUccuau.....	6	1	c15
.....uauugcaccagucccggcUuau.....	3	1	c15
.....uauugcaccagAcccggccuau.....	8	1	c15
.....uauugcaccagGcccggccuau.....	1	1	c15
.....uauugcaccagucccggcAuau.....	2	1	c15
.....Aauugcaccagucccggccuau.....	12	1	c15
.....uauugAaccagucccggccuau.....	3	1	c15
.....uauugcaccaguccGggccuau.....	5	1	c15
.....uauugcacGagucccggccuau.....	2	1	c15
.....uauugcaccagucccAgccuau.....	6	1	c15
.....Gauugcaccagucccggccuau.....	2	1	c15
.....uauugcaccaguGccggccuau.....	4	1	c15
.....uauugcacAagucccggccuau.....	3	1	c15
.....uauugcaccagucccggccuGu.....	10	1	c15
.....uauugcaccagucccggccuaA.....	174	1	c15
.....uauugcaccagucUcggccuau.....	13	1	c15
.....uauugcaccagucccggccuCu.....	1	1	c15
.....uauugcaccaAucccggccuau.....	1	1	c15
.....uauugcaccCgucccggccuau.....	1	1	c15
.....uauugcaccagucccggccuau.....	18058	0	c15
.....uauugcaccaUucccggccuau.....	4	1	c15
.....uauugcaUcagucccggccuau.....	11	1	c15
.....uauugcacUagucccggccuau.....	4	1	c15
.....uauugcaccagCcccggccuau.....	4	1	c15
.....uauugcaAcagucccggccuau.....	1	1	c15
.....uauugcaccaguUccggccuau.....	3	1	c15
.....uauugcCccagucccggccuau.....	1	1	c15
.....uauugcaccaguccggGcuau.....	1	1	c15
.....uauugcaccaguccggAcuau.....	2	1	c15
.....uUuugcaccagucccggccuau.....	6	1	c15
.....uaAugcaccagucccggccuau.....	6	1	c15
.....uauugcaccagucccggccuaG.....	6	1	c15
.....uauugcaccaguccUggccuau.....	8	1	c15
.....uauugcaccagucccUgccuau.....	10	1	c15
.....uauugcaccagucccggccGau.....	19	1	c15
.....uauugcaGcagucccggccuau.....	4	1	c15
.....uauAgcaccagucccggccuau.....	5	1	c15
.....uauugcaccaguccAggccuau.....	5	1	c15
.....uauugcGccagucccggccuau.....	6	1	c15
.....uauugcaccGgucccggccuau.....	9	1	c15
.....uauugcaccaguccccggccuUu.....	26	1	c15
.....Cauugcaccagucccggccuau.....	10	1	c15
.....uauugcaccagucccggccuauU.....	1368	1	c15
.....uauugcaccagucccggccuauc.....	41	0	c15
.....uauugcaccagCcccggccuauc.....	1	1	c15
.....uauugcaccagucccggccuauA.....	61	1	c15
.....uauugcaccagucccggccuauG.....	3	1	c15
.....uauugcaccagucccggccuauUc.....	12	1	c15
.....uauugcaccagucccggccuaucA.....	1	1	c15
.....uauugcaccaguccccggccuaucU.....	12	1	c15
.....uauugcaccaguccccggccuauUca.....	1	1	c15
.....auugcaccaguccccggccua.....	1	0	c15
.....auugcaccaguccccggccuaA.....	1	1	c15
.....auugcaccaguccccggccuaC.....	2	1	c15
.....auugcaccaguccccggccuau.....	17	0	c15
.....auCgcaccaguccccggccuau.....	1	1	c15

Star Mature

gucggcauccuuuguccgggaggcccgaguggcugggcggugacuggugcuauauucgguuugugugcgauauugcaccaguccggccuauccaagcgggcccggccg

.....auugcaccaguccggccuauU.....	6	1	c15
.....auugcaccaguccggccuauA.....	2	1	c15
.....uugcaccagAcccggccuauc.....	1	1	c15
.....uugcaccaguccggccuauc.....	1	0	c15
.....ugcaccaguccggccuaC.....	1	1	c15
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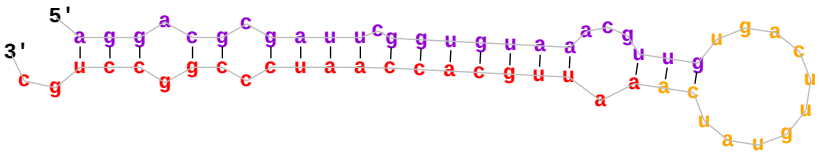
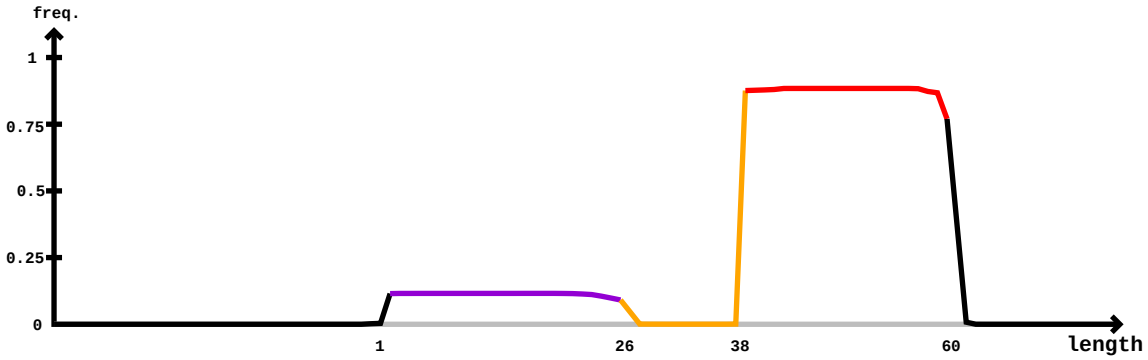
.....gcaccaguccggccuau.....	6	0	c15

Provisional ID	:	group15_25715
Score total	:	11263.4
Score for star read(s)	:	3.9
Score for read counts	:	11253
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	22084
Mature read count	:	19528
Loop read count	:	0
Star read count	:	2556





Star **Mature**

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5'- gccggucggucguucacugcgguggccacgcuuaggacgcgauucgguguaaacguugugacuuguaucaaauugcaccaaucccggccugccuguggucaccgcgcug  -3'   obs
    gccggucggucguucacugcgguggccacgcuuaggacgcgauucgguguaaacguugugacuuguaucaaauugcaccaaucccggccugccuguggucaccgcgcug        exp
    (((....)))....((.(((((((((((((..((((.((.((((.(((((((...(((..........))).)))))))))))).)).)))))..)))))))))))))).))  reads   mm   sample
    ..............................uuaggacgcgauucgguguaaacg.....................................................  1       0    c04
    ..............................aggacgcgauucgguguа..........................................................  1       0    c04
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    ..............................aggacgcgauCcgguguaaac.......................................................  1       1    c04
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    ..............................aggacgcgauucgguguaaacgu.....................................................  1       0    c04
    ..............................aggacgcgauucgguguaaacguu....................................................  1       0    c04
    ..............................aggacgcgauucgguguaaacguuA...................................................  3       1    c04
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    ..............................Cggacgcgauucgguguaaacguug...................................................  2       1    c04
    ..............................aggacgcgauucgguguaaacguugA..................................................  1       1    c04
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    ...................................................................Aaaauugcaccaaucccggccugc.................  1       1    c04
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    ....................................................................aauugcaccaaucccggc.....................  8       0    c04
    ....................................................................aauugcaccaGucccggc.....................  1       1    c04
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    ....................................................................aauugcaccaaucccggccuC..................  6       1    c04
    ....................................................................aauugcaccaGucccggccug..................  1       1    c04
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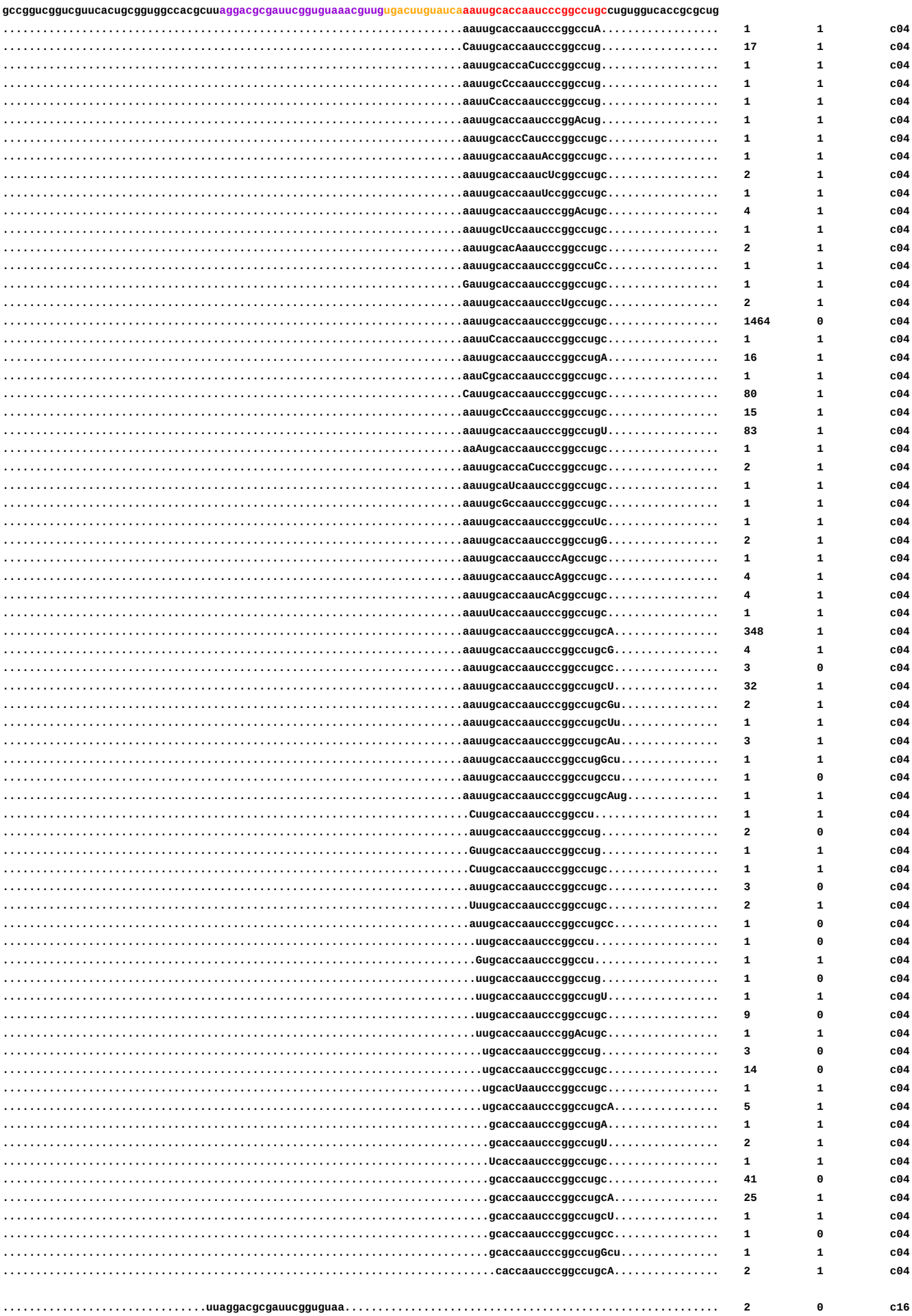
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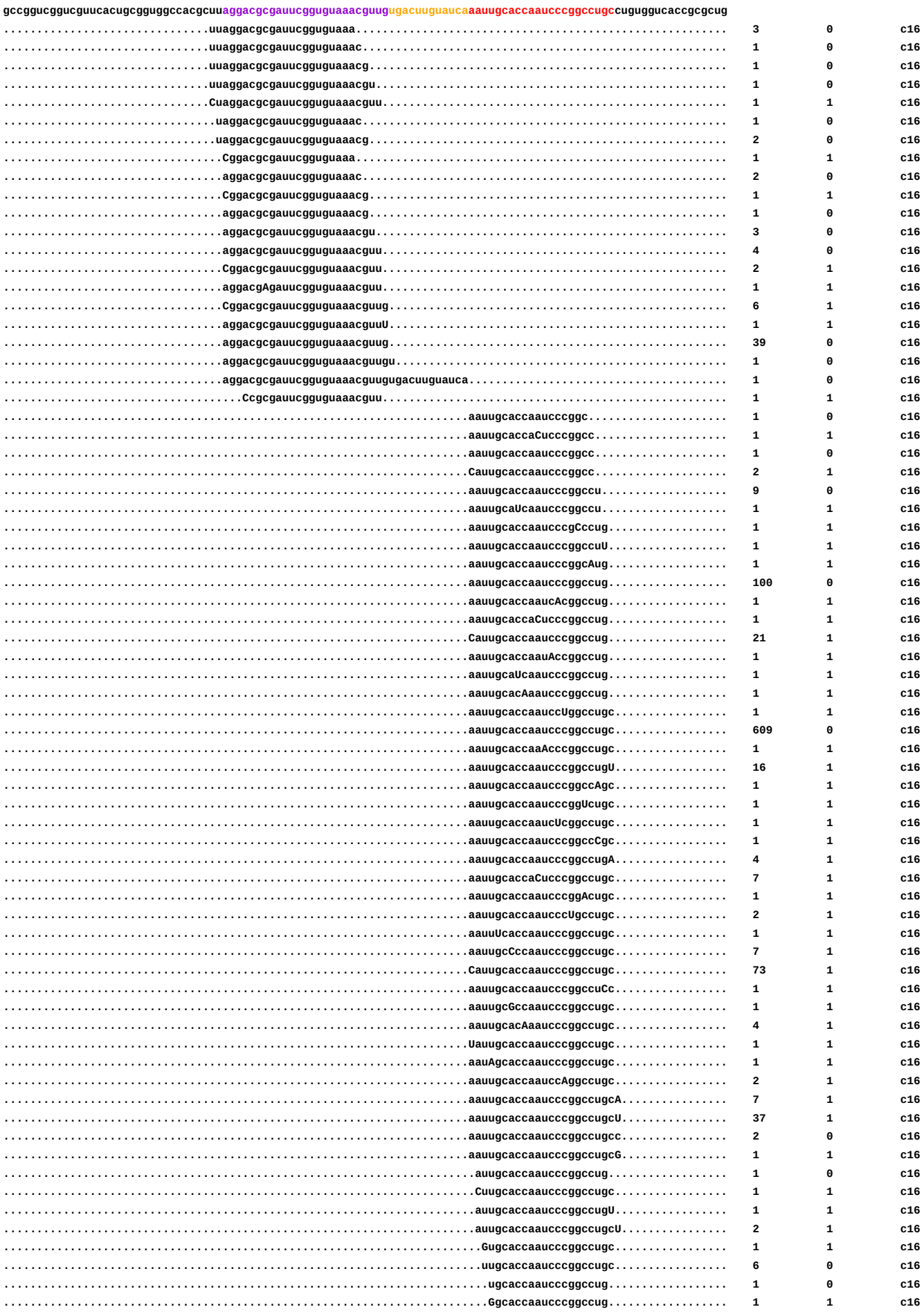
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Star Mature

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Star Mature

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Star Mature

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.....aauugcaccaaucccggccGg.....	3	1	c15
.....aauugcaccaaucccggccCg.....	3	1	c15
.....aauugcaUcaaucccggccug.....	1	1	c15
.....aauuCcaccaaucccggccug.....	1	1	c15
.....aauugcaccaaucccggccAg.....	1	1	c15
.....aauugcGccaaucccggccug.....	1	1	c15
.....aauugcaccaaucccggccuA.....	115	1	c15
.....aauugcaccaaucccAgccug.....	2	1	c15
.....aauugcaccaaucccggccugc.....	10549	0	c15
.....aauugcaccaaucccggGcugc.....	1	1	c15
.....aaAugcaccaaucccggccugc.....	1	1	c15
.....aauugcaUcaaucccggccugc.....	7	1	c15
.....aauugcaccaaucccggccAgc.....	8	1	c15
.....aauugcaccaaucccAgccugc.....	3	1	c15
.....aauuAcaccaaucccggccugc.....	1	1	c15
.....aauugcaccaauAccggccugc.....	1	1	c15
.....aauugcacUaaucccggccugc.....	7	1	c15
.....aauuUcaccaaucccggccugc.....	4	1	c15
.....aauugcaccaaAcccggccugc.....	2	1	c15
.....aGuugcaccaaucccggccugc.....	8	1	c15
.....aaCugcaccaaucccggccugc.....	3	1	c15
.....Uauugcaccaaucccggccugc.....	14	1	c15
.....aauugcaccaaGcccggccugc.....	2	1	c15
.....aauugcaccaaucccCgccugc.....	2	1	c15
.....aauugcaccaaucccggccuCc.....	5	1	c15
.....aauugcaccaaucccgUccugc.....	5	1	c15
.....aUuugcaccaaucccggccugc.....	3	1	c15
.....aauugcaccGaucccggccugc.....	5	1	c15
.....aauugcaccaaucccggcGugc.....	1	1	c15
.....aauugcaccaaucccggccugG.....	2	1	c15
.....aauugcaccaauGccggccugc.....	4	1	c15
.....aauugcaccaaucccggccuUc.....	4	1	c15
.....aauugcaccaaucAcggccugc.....	5	1	c15
.....aauugcaccaaucccggUcugc.....	2	1	c15
.....aauugcaccaaucccggccuAc.....	133	1	c15
.....aauugcaccaauUccggccugc.....	5	1	c15
.....aauugcaccaauccAggccugc.....	2	1	c15
.....aauugAaccaaucccggccugc.....	2	1	c15
.....aauugUaccaaucccggccugc.....	12	1	c15
.....aauCgcaccaaucccggccugc.....	2	1	c15
.....aauugcaccaauccUggccugc.....	9	1	c15
.....Gauugcaccaaucccggccugc.....	3	1	c15
.....aauugcaccaaCcccggccugc.....	2	1	c15
.....aauugcaccaaucccggcUugc.....	3	1	c15
.....aauugcaccaaucccgAccugc.....	6	1	c15
.....aauugcaccaaucccggccGgc.....	10	1	c15
.....aauugcaccaauccGggccugc.....	3	1	c15
.....aauugGaccaaucccggccugc.....	4	1	c15
.....aauuCcaccaaucccggccugc.....	4	1	c15
.....aauugcaccaaucccgCccugc.....	1	1	c15
.....aauugcaccaaucccUgccugc.....	3	1	c15
.....aauugcaGcaaucccggccugc.....	2	1	c15
.....aauugcaccaaucUcggccugc.....	5	1	c15
.....aauugcaccaaucccggccugU.....	279	1	c15
.....aauugcaAcaaucccggccugc.....	3	1	c15
.....aauugcaccaaucccggccugA.....	193	1	c15
.....aauugcaccUaucccggccugc.....	3	1	c15
.....aauugcacAaaucccggccugc.....	1	1	c15
.....aauugcaccaaucccggccCgc.....	3	1	c15
.....aauugcGccaaucccggccugc.....	2	1	c15
.....aauAgcaccaaucccggccugc.....	2	1	c15
.....aauugcaccaaucccggccugcU.....	2130	1	c15
.....aauugcaccaaucccggccugcG.....	13	1	c15
.....aauugcaccaaucccgAccugcc.....	1	1	c15
.....aauugcaccaaucccggccugUc.....	4	1	c15

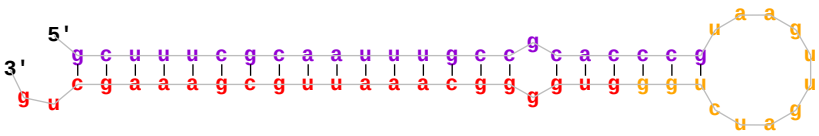
Star Mature

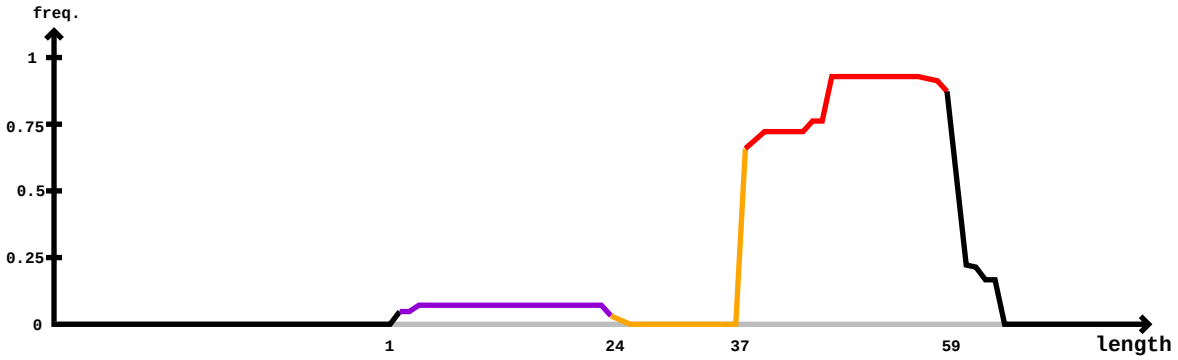
gccggucggucguucacugcgguggccacgcuuaggacgcgauucgguguaaacguugugacuuguaucaaauugcaccaaucccggccugccuguggucaccgcgcug

.....aauugcaccaaucccggccugcA.....	133	1	c15
.....aauugcaccaaucccggccugAc.....	2	1	c15
.....aauugcaccaaucccggccugcc.....	47	0	c15
.....aauugcaccaaucccggccugccu.....	8	0	c15
.....aauugcaccaaucccggccugUcu.....	3	1	c15
.....aauugcaccaaucccggccugGcu.....	1	1	c15
.....aauugGaccaaucccggccugccu.....	1	1	c15
.....aauugcaccaaucccggccugccA.....	5	1	c15
.....aauugcaccaaucccggccugcUu.....	138	1	c15
.....aauugcaccaaucccggccugcAu.....	1	1	c15
.....aauugcaccaaucccggccugccuA.....	1	1	c15
.....aauugcaccaaucccggccugccuAu.....	1	1	c15
.....auugcaccaaucccggccu.....	1	0	c15
.....aAugcaccaaucccggccug.....	1	1	c15
.....auugcaccaaucccggccugc.....	3	0	c15
.....auugcaccaaucccggccugcc.....	2	0	c15
.....ugcaccaaucccggccug.....	1	0	c15
.....ugcaccaaucUcggccugc.....	1	1	c15
.....ugcaccaaucccggccugc.....	1	0	c15
.....uUcaccaaucccggccugc.....	1	1	c15
.....gcaccaaucccggccugc.....	1	0	c15
.....gcaccaaucccggccugcU.....	2	1	c15
.....caccaaucccggccugcU.....	1	1	c15

.....uuaggacgcgauucggugua.....	1	0	c02
.....uuaggacgcgauucgguguaa.....	1	0	c02
.....Guaggacgcgauucgguguaa.....	1	1	c02
.....uuaggacgcgauucgguguaaa.....	2	0	c02
.....uuaggacgcgauucgguguaaac.....	2	0	c02
.....Guaggacgcgauucgguguaaac.....	1	1	c02
.....uuaggacgcgauucgguguaaacg.....	2	0	c02
.....Guaggacgcgauucgguguaaacg.....	1	1	c02
.....uaggacgcgauucggugua.....	1	0	c02
.....uaggacgcgauucgguguaa.....	3	0	c02
.....uaggacgcgauucgguguaaac.....	2	0	c02
.....uaggacgcgauucgguguaaacguu.....	1	0	c02
.....aggacgcgauucgguguaaa.....	2	0	c02
.....aggacgcgauucgguguaaacg.....	1	0	c02
.....aggacgcgauucgguguaaacgu.....	1	0	c02
.....aggacgcgauucgguguaaacguu.....	1	0	c02
.....aggacgcgauucgguguaaacguug.....	2	0	c02
.....aauugcaccaaucccggccu.....	3	0	c02
.....aauugcaccaaucccggccug.....	19	0	c02
.....Cauugcaccaaucccggccug.....	1	1	c02
.....aauugcaccaaucccggccuU.....	1	1	c02
.....Cauugcaccaaucccggccugc.....	4	1	c02
.....aauugcaccaaucccggccugc.....	38	0	c02
.....aauugcaccaaucccggccugU.....	4	1	c02
.....aauugcaccaaucccggccugcU.....	5	1	c02
.....auugcaccaaucccggccug.....	1	0	c02
.....ugcaccaaucccggccugc.....	1	0	c02

Provisional ID	:	group15_26215
Score total	:	65.5
Score for star read(s)	:	3.9
Score for read counts	:	58.2
Score for mfe	:	2.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	126
Mature read count	:	117
Loop read count	:	0
Star read count	:	9





Star **Mature**

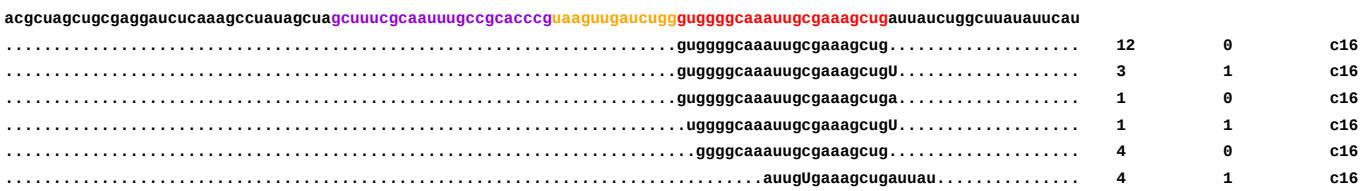
```
5'- acgcuagcugcgaggaucucaaagccuauagcuagcuuucgcaauuugccgcacccguaaguugaucuggguggggcaaauugcgaaagcugauuaucuggcuuauauucau -3'   obs
    acgcuagcugcgaggaucucaaagccuauagcuagcuuucgcaauuugccgcacccguaaguugaucuggguggggcaaauugcgaaagcugauuaucuggcuuauauucau      exp
    .(((.....))).((((....((((((.((((.(((((((((((((((((((.((((((..........)))))).)))))))))))))))))))).))))..))))))..))))..  reads     mm        sample
    ................................gcuuucgcaauuugccgcacccA.....................................................................  1         1         c15
    ..........................................................gugggggcaaauugcgaaag.....................  1         0         c15
    ..........................................................gugggggcaaauugcgaaagc.....................  1         0         c15
    ..........................................................gugggggcaaauugcgaaagcug...................  40        0         c15
    ..........................................................gugggggcaaauugcgaaagcugC..................  1         1         c15
    ..........................................................gugggggcaaauugcgaaagcugU..................  5         1         c15
    ..........................................................gugggggcaaauugcgaaagcuga..................  1         0         c15
    ..........................................................gugggggcaaauugcgaaagcugUu.................  1         1         c15
    ..........................................................gugggggcaaauugcgaaagcugauu.................  1         0         c15
    ..........................................................uggggcaaauugcgaaagcug.....................  1         0         c15
    ..........................................................uggggcaaauugcgaaagcugU....................  1         1         c15
    ..............................................................auugUgaaagcugauuau.....................  2         1         c15

    ................................gcuuucgcaauuugccgcaccc.....................................................................  1         0         c02
    ................................gcuuucgcaauuugccgcacccU....................................................................  1         1         c02
    ...................................uuucgcaauuugccgcaccc.....................................................................  2         0         c02
    ..........................................................gugUggcaaauugcgaaagcug....................  1         1         c02
    ..........................................................gugggggcaaauugcgaaagcug....................  4         0         c02
    ..............................................................auugUgaaagcugauuau.....................  7         1         c02

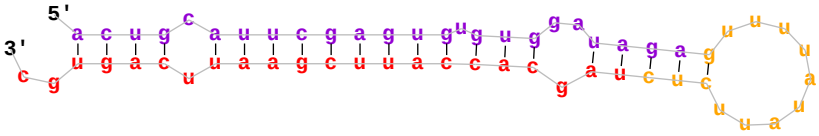
    ................................gcuuucgcaauuugccgcacccA.....................................................................  1         1         c09
    ................................gcuuucgcaauuugccgcacccU.....................................................................  1         1         c09
    ..........................................................gugggggcaaauugcgaaagcu....................  2         0         c09
    ..........................................................gugggggcaaauugcgaaagcug...................  4         0         c09
    ..........................................................uggggcaaauugcgaaagcug.....................  1         0         c09
    ..............................................................aaauugUgaaagcugauu.....................  5         1         c09
    ..............................................................auugUgaaagcugauuau.....................  8         1         c09

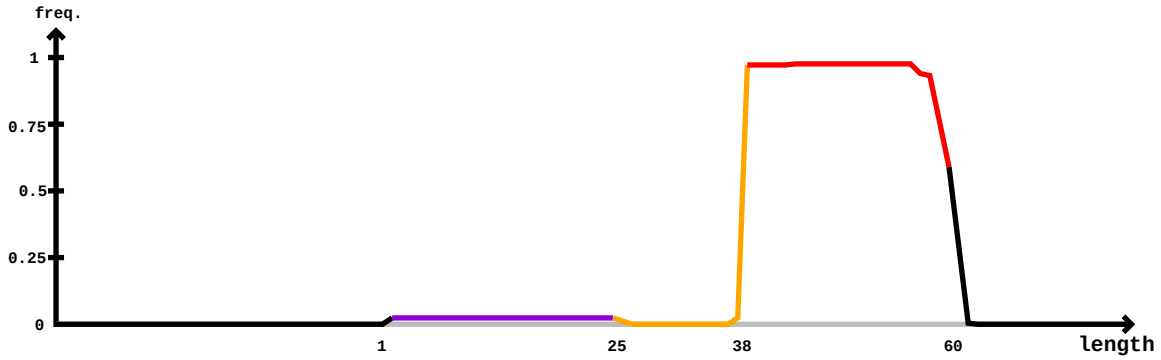
    ..........................................................gugggggcaaauugcgaaagcug...................  2         0         c04

    ................................gcuuucgcaauuugccgcaccc.....................................................................  1         0         c16
    ...................................uuucgcaauuugccgcCccc.....................................................................  1         1         c16
    ..........................................................gugggggcaaauugcgaaagcu....................  3         0         c16
```


Star
Mature
acgcuagcugcgaggaucucaaagccuauagcuagcuuucgcaauuugccgcacccguaaguugaucuggguggggcaaauugcgaaagcugauuaucuggcuuauauucau
.....gugggcaaauugcgaaagcug..... 12 0 c16
.....gugggcaaauugcgaaagcugU..... 3 1 c16
.....gugggcaaauugcgaaagcuga..... 1 0 c16
.....uggggcaaauugcgaaagcugU..... 1 1 c16
.....ggggcaaauugcgaaagcug..... 4 0 c16
.....auugUgaaagcugauuau..... 4 1 c16

Provisional ID	:	group16_26797
Score total	:	132.1
Score for star read(s)	:	3.9
Score for read counts	:	122
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	251
Mature read count	:	245
Loop read count	:	0
Star read count	:	6





Star **Mature**

```
5'- gaagauauucacgucacagcccauaauuugacaacugcauucgagugugguggauagaguuuuauauucucuagcaccauucgaauucagugcucgaaugugggggaucac  -3'   obs
    gaagauauucacgucacagcccauaauuugacaacugcauucgagugugguggauagaguuuuauauucucuagcaccauucgaauucagugcucgaaugugggggaucac        exp
    (((....))).........((((((.(((((..((((.((((((((((.(((..(((((.........)))))..)))))))))))))).))))..))))))))))....... reads     mm        sample
    ..........................................................................uagcaccauucgaauuca..................... 1         0         c04

    ................................Ccugcauucgagugugguggauaga..................................................... 1         1         c16
    ................................acugcauucgagugugguggauaga..................................................... 1         0         c16
    ..........................................................................Uuagcaccauucgaauucagugc................. 2         1         c16
    ..........................................................................uagcaccauucgaauuca..................... 2         0         c16
    ..........................................................................uagcaccauucgaauucag.................... 1         0         c16
    ..........................................................................uagcaccauucgaauucagu................... 11        0         c16
    ..........................................................................Gagcaccauucgaauucagu................... 1         1         c16
    ..........................................................................uagcaccauucgaauucagug.................. 8         0         c16
    ..........................................................................uagAaccauucgaauucagug.................. 1         1         c16
    ..........................................................................Gagcaccauucgaauucagugc................. 2         1         c16
    ..........................................................................uagcacAauucgaauucagugc................. 1         1         c16
    ..........................................................................uagUaccauucgaauucagugc................. 1         1         c16
    ..........................................................................uagcaccauucgaauucagugc................. 54        0         c16
    ..........................................................................uagcCccauucgaauucagugc................. 1         1         c16
    ..........................................................................uagcaccauuUgaauucagugc................. 1         1         c16
    ..........................................................................uCgcaccauucgaauucagugcu................ 1         1         c16
    ..........................................................................uagcaccauucgaauucagugcA................ 6         1         c16

    ..........................................................................Uuagcaccauucgaauucagug.................. 2         1         c09
    ..........................................................................cuagcaccauucgaauucagugc................. 1         0         c09
    ..........................................................................uagcaccauucgaauuca..................... 5         0         c09
    ..........................................................................uagcaccauucgaauucagu................... 6         0         c09
    ..........................................................................uagcaccauucgaauucagug.................. 6         0         c09
    ..........................................................................uagcaccauucgaauucagugc................. 20        0         c09
    ..........................................................................uagcaccauucgaauucaguCc................. 1         1         c09
    ..........................................................................uagcaccauucgaauucagugcA................ 2         1         c09

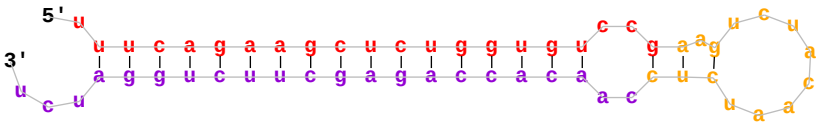
    ................................acugcauucgagugugguggauaga..................................................... 4         0         c15
    ..........................................................................uagcaccauucgaauucagu................... 2         0         c15
    ..........................................................................uagcaccauucgaauucagug.................. 1         0         c15
    ..........................................................................uagcaccauucgaauucagugc................. 8         0         c15
```

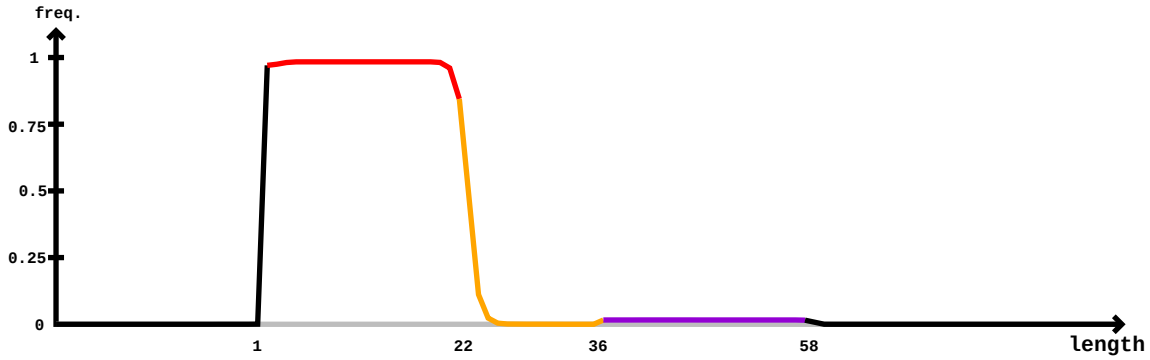
Star Mature

gaagauauucacgucacagcccauaauuugacaacugcauucgagugugguggauagaguuuuauauucucuagcaccauucgaauucagugcucgaaugugggggaucac

.....Uuagcaccauucgaauucagugc.....	1	1	c02
.....uagcaccauucgaauuca.....	1	0	c02
.....uagcaccauucgaauucag.....	1	0	c02
.....uCgcaccauucgaauucagu.....	1	1	c02
.....Gagcaccauucgaauucagu.....	3	1	c02
.....uagcaccauucgaauucagu.....	19	0	c02
.....uagcaccauucgaauucaguA.....	1	1	c02
.....uagcaccauucgaauucagug.....	24	0	c02
.....uagcaAcauucgaauucagugc.....	1	1	c02
.....uagcaccauucgaauucagugc.....	34	0	c02
.....uagcaccauucgaauucaAugc.....	1	1	c02
.....Gagcaccauucgaauucagugcu.....	1	1	c02
.....uagcaccauucgaauucagugcu.....	1	0	c02
.....uagcaccauucgaauucagugcA.....	6	1	c02
.....uagcaccauucgaauucagugcAc.....	1	1	c02
.....ccauucgaauucagugcA.....	1	1	c02

Provisional ID	:	group16_27008
Score total	:	32686.6
Score for star read(s)	:	3.9
Score for read counts	:	32679.9
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	64112
Mature read count	:	63078
Loop read count	:	0
Star read count	:	1034





Mature **Star**

```
5'- caucauacuguucgacgcauuuucagaagcucuggugucccgaagucuacaaucucccaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac  -3'   obs
    caucauacuguucgacgcauuuucagaagcucuggugucccgaagucuacaaucucccaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac        exp
    ....((((((..(((((....(((((((((((((((((..((.(........))).))))))))))))))))))....))))).))))))..................  reads    mm       sample
    ..................Cuuucagaagcucuggugucccgaa..................................................................  1        1        c15
    ..................uuucagaagcucuggugu..........................................................................  1        0        c15
    ..................uuucagaagcucugguguc.........................................................................  10       0        c15
    ..................uuucagaagcucuggugucc........................................................................  263      0        c15
    ..................uuucagaagcucuggGgucc........................................................................  1        1        c15
    ..................uuucagaagcucuggugucU........................................................................  3        1        c15
    ..................uuucagaagcucuggugCcc........................................................................  1        1        c15
    ..................uuucagaagcucuggugucA........................................................................  25       1        c15
    ..................uuucagaagcucugguguccA.......................................................................  150      1        c15
    ..................uuucagaagcucGgguguccg.......................................................................  1        1        c15
    ..................uuucagaagcucugguCuccg.......................................................................  1        1        c15
    ..................uuucagaGgcucugguguccg.......................................................................  1        1        c15
    ..................uGucagaagcucugguguccg.......................................................................  1        1        c15
    ..................uuucagaagcucuggugCccg.......................................................................  1        1        c15
    ..................uuucagaagcucuggAguccg.......................................................................  4        1        c15
    ..................uuucGgaagcucugguguccg.......................................................................  1        1        c15
    ..................Auucagaagcucugguguccg.......................................................................  2        1        c15
    ..................uuucaAaagcucugguguccg.......................................................................  1        1        c15
    ..................uuucagaagcuGugguguccg.......................................................................  1        1        c15
    ..................uuucagaagcucuggCguccg.......................................................................  1        1        c15
    ..................uuucagaagcucugguguUcg.......................................................................  1        1        c15
    ..................uuucagaagcucuggugucccg......................................................................  1361     0        c15
    ..................uuucagaagcucuggGguccg.......................................................................  2        1        c15
    ..................uuucagaagcucuggugucccC......................................................................  7        1        c15
    ..................uAucagaagcucuggugucccg......................................................................  1        1        c15
    ..................uuucagaagcucuUgugucccg......................................................................  1        1        c15
    ..................uuucagaagcucuggugucAg.......................................................................  3        1        c15
    ..................uuucagaagcucuggugucccU......................................................................  20       1        c15
    ..................uuuUagaagcucuggugucccg......................................................................  4        1        c15
    ..................uuucagaagcucuggugucccAa.....................................................................  62       1        c15
    ..................uAucagaagcucuggugucccga.....................................................................  1        1        c15
    ..................uuucagaagcucuggugucccCa.....................................................................  8        1        c15
    ..................uuucagaagcucugguguUcga......................................................................  2        1        c15
```

Mature Star

caucauacuguucgacgcauuuucagaagcucugguguccgaagucuacaaucucaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac

.....uuucagaagcCcugguguccga.....	1	1	c15
.....uuucagaGgcucugguguccga.....	2	1	c15
.....uuucagaagcucugguguccga.....	2276	0	c15
.....uuucaUaagcucugguguccga.....	1	1	c15
.....uuucagaagcuGugguguccga.....	1	1	c15
.....uuucagaagcucugguguccgC.....	18	1	c15
.....uuucGgaagcucugguguccga.....	4	1	c15
.....uuucagaaAcucugguguccga.....	1	1	c15
.....uuucagaUgcucugguguccga.....	1	1	c15
.....uuucaAaagcucugguguccga.....	1	1	c15
.....uuuUagaagcucugguguccga.....	2	1	c15
.....uuucagaagcucuAguguccga.....	1	1	c15
.....uuucagaagcucuggugucc Ua.....	3	1	c15
.....uuucagaagcucuggugucc gU.....	227	1	c15
.....uuucagaagUucuggugucc ga.....	1	1	c15
.....uuucagaagcucuggAguccga.....	4	1	c15
.....uuucagaagcucuggugucUga.....	2	1	c15
.....uuucagaagcucAgguguccga.....	1	1	c15
.....uuucagaagcucuggCguccga.....	1	1	c15
.....uuucagaagcucuggugucAga.....	3	1	c15
.....uuucagaagcucuggGguccga.....	2	1	c15
.....Auucagaagcucuggugucc ga.....	4	1	c15
.....uuucagaagcucuggugucc gaa.....	220	0	c15
.....Guucagaagcucuggugucc gaa.....	1	1	c15
.....uuucagaagcucuggugucc gGa.....	2	1	c15
.....uuucagaagcucuggugucc gaU.....	541	1	c15
.....uuucagaagcucGgguguccgaa.....	1	1	c15
.....uuucagaagcucuggugucc gaC.....	18	1	c15
.....uuucagaagcucuggugucc gUa.....	2	1	c15
.....uuucGgaagcucuggugucc gaa.....	1	1	c15
.....uuucagaagcucuggugucc gaaA.....	5	1	c15
.....uuucagaagcucuggugucc gaaU.....	126	1	c15
.....uuucagaagcucuggugucc gaaC.....	1	1	c15
.....uuucagaagcucuggugucc gaUg.....	2	1	c15
.....uuucagaagcucuggugucc gaaUu.....	29	1	c15
.....uuucagaagcucuggugucc gaaAu.....	5	1	c15
.....uuucagaagcucuggugucc gaaCu.....	1	1	c15
.....uuucagaagcucuggugucc gaagucu.....	1	0	c15
.....uuucagaagcucuggugucc gaagucuac.....	1	0	c15
.....uucagaagcucuggugucc ga.....	1	0	c15
.....ucagaagcucuggugucc ga.....	1	0	c15
.....cagaagcucuggugucc g.....	1	0	c15
.....cagaagcucuggugucc gaaUu.....	1	1	c15
.....uccaacaccagagcuucuggaucu.....	1	0	c15
.....caacaccagagcuucuggauc.....	9	0	c15
.....caacaccagagcuucuggUucu.....	2	1	c15
.....caacaccagagcuucuggaucC.....	3	1	c15
.....caacaccagagcuucuggaucA.....	19	1	c15
.....cUacaccagagcuucuggaucu.....	1	1	c15
.....caacaccagagcuucuggaucu.....	270	0	c15
.....Uaacaccagagcuucuggaucu.....	1	1	c15
.....caacaccagagcuucuggaucG.....	3	1	c15
.....caacaccagagcuucuggaucuU.....	8	1	c15
.....caacaccagagcuucuggaucuaA.....	1	1	c15
.....aacaccagagcuucuggaucu.....	2	0	c15

.....Guuucagaagcucuggugucc.....	1	1	c02
.....Guucagaagcucuggugu.....	1	1	c02
.....uuucagaagcucuggugu.....	13	0	c02
.....uuucagCagcucugguguc.....	1	1	c02
.....uuucagaagcucugguguc.....	127	0	c02
.....uuucagaagcCcugguguc.....	1	1	c02
.....Guucagaagcucugguguc.....	13	1	c02
.....uuucagaagcucuCguguc.....	1	1	c02
.....uuucagaagcucugguCuc.....	1	1	c02
.....uuucagaGgcucugguguc.....	4	1	c02
.....Auucagaagcucugguguc.....	1	1	c02
.....Cuucagaagcucuggugucc.....	1	1	c02
.....uuucagaagcucuggguAc.....	2	1	c02
.....uuucagaaUcucuggugucc.....	1	1	c02

Mature Star

caucauacuguucgacgcauuuucagaagcucuggugucccgaagucuacaaucucaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac

.....Guucagaagcucuggugucc.....	94	1	c02
.....uuucagaagcucuggugucA.....	5	1	c02
.....uuucagaagcucuggugucU.....	6	1	c02
.....uuucagaagcucuggugucc.....	807	0	c02
.....uuucagaagcucCggugucc.....	2	1	c02
.....uuuGagaagcucuggugucc.....	1	1	c02
.....uuucagaagcucugguAucc.....	1	1	c02
.....uuucagaagcucugCugucc.....	2	1	c02
.....uCucagaagcucuggugucc.....	1	1	c02
.....uuucagCagcucuggugucc.....	2	1	c02
.....uGucagaagcucuggugucc.....	1	1	c02
.....uuuAagaagcucuggugucc.....	2	1	c02
.....uuucagaGgcucuggugucc.....	18	1	c02
.....uuCcagaagcucuggugucc.....	1	1	c02
.....uuucagaCgcucuggugucc.....	4	1	c02
.....uuucagaagcucugguguUc.....	1	1	c02
.....Auucagaagcucuggugucc.....	5	1	c02
.....uuucagaagcucugguCucc.....	3	1	c02
.....uuucagaagcucuUgugucc.....	2	1	c02
.....uuucagaagUucuggugucc.....	1	1	c02
.....uuucagaagcucuggugucG.....	1	1	c02
.....uuucagaagcucugguguccC.....	1	1	c02
.....uuucagCagcucugguguccg.....	10	1	c02
.....uuucagaUgcucugguguccg.....	1	1	c02
.....uuucagaagAucugguguccg.....	6	1	c02
.....uuucGgaagcucugguguccg.....	1	1	c02
.....uuucagaagcucugguguccg.....	4695	0	c02
.....uuucagaagcucugguguUcg.....	4	1	c02
.....uuucaCaagcucugguguccg.....	2	1	c02
.....uuucagaagcucugguguAcg.....	8	1	c02
.....uuucagaagcucugCuguccg.....	7	1	c02
.....uuucagaagcucuUguguccg.....	1	1	c02
.....uuucagaagcucugguCuccg.....	12	1	c02
.....uuucagaGgcucuggugucccg.....	76	1	c02
.....uuucagaagcucuggGguccg.....	3	1	c02
.....uuucagaCgcucuggugucccg.....	11	1	c02
.....uuucCgaagcucuggugucccg.....	1	1	c02
.....uuucagaagcucCggugucccg.....	1	1	c02
.....uuucUgaagcucuggugucccg.....	1	1	c02
.....Cuucagaagcucuggugucccg.....	4	1	c02
.....uuucagaagcCcuggugucccg.....	3	1	c02
.....uuAcagaagcucuggugucccg.....	2	1	c02
.....uuucagaagcucuggCgucccg.....	2	1	c02
.....uuucagGagcucuggugucccg.....	1	1	c02
.....uuucagaagcuAuggugucccg.....	4	1	c02
.....uuucagaagcucuggugAccg.....	2	1	c02
.....uuucagaagcuUuggugucccg.....	2	1	c02
.....uCucagaagcucuggugucccg.....	1	1	c02
.....uuucagaagcucuggugucccA.....	5	1	c02
.....uuucagaaAcucuggugucccg.....	1	1	c02
.....Auucagaagcucuggugucccg.....	29	1	c02
.....uuucagaagcucuggugucAg.....	30	1	c02
.....uuucagaagcucuAguggucccg.....	3	1	c02
.....uuuAagaagcucuggugucccg.....	4	1	c02
.....uuucagaagcucugUuguccg.....	2	1	c02
.....uuucagaagcuGuggugucccg.....	1	1	c02
.....Guucagaagcucuggugucccg.....	553	1	c02
.....uuucagaagcucuggAguccg.....	2	1	c02
.....uuucagaagcucuggugucccU.....	9	1	c02
.....uuucagaagcucuCguguccg.....	3	1	c02
.....uuucagaaCcucuggugucccg.....	3	1	c02
.....uuucagaagcucuggugCccg.....	1	1	c02
.....uAucagaagcucuggugucccg.....	1	1	c02
.....uuucagaagcucuggugucUg.....	5	1	c02
.....uuucaUaagcucuggugucccg.....	1	1	c02
.....uuucagaaUcucuggugucccg.....	4	1	c02
.....uuCcagaagcucuggugucccg.....	2	1	c02
.....uGucagaagcucuggugucccg.....	2	1	c02
.....uuucGgaagcucuggugucccga.....	3	1	c02
.....uGucagaagcucuggugucccga.....	1	1	c02

Mature Star

caucauacuguucgacgcauuuucagaagcucugguguccgaagucuacaaucucaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac

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.....uuucagaagUucuggugucga.....	1	1	c02
.....uuucagaaUcucuggugucga.....	1	1	c02
.....uuuAagaagcucuggugucga.....	2	1	c02
.....uuucagaagcucugAugucga.....	1	1	c02
.....uuucagaagcucugguCucga.....	6	1	c02
.....uuucaCaagcucuggugucga.....	1	1	c02
.....uuucagaagcuAuggugucga.....	1	1	c02
.....uuucagaagcucuggugCccga.....	1	1	c02
.....uuucagaagcGcuggugucga.....	1	1	c02
.....uuucagaagAucuggugucga.....	1	1	c02
.....uuucagaagcucuggugucccgG.....	5	1	c02
.....uuucagaagcucCgguguccga.....	1	1	c02
.....uuucagaagcucuggugucga.....	2211	0	c02
.....uuucagaUgcucuggugucga.....	1	1	c02
.....uuucagaagcucuggugucAga.....	4	1	c02
.....uuucagaagcucuggugucUga.....	1	1	c02
.....uuucagaagcucuggAguccga.....	3	1	c02
.....uuucagaagcucugUuguccga.....	1	1	c02
.....Auucagaagcucuggugucga.....	11	1	c02
.....uuucagaagcucugCuguccga.....	4	1	c02
.....uuucagaagcucuggugucccgU.....	322	1	c02
.....uuucagaagcucGggugucga.....	1	1	c02
.....uuucagaagcucuggugucUa.....	4	1	c02
.....uuucagaagcucugguguAcga.....	4	1	c02
.....uuAcagaagcucuggugucga.....	1	1	c02
.....uuucagaagcucuCguguccga.....	3	1	c02
.....Cuucagaagcucuggugucga.....	1	1	c02
.....uuuUagaagcucuggugucga.....	3	1	c02
.....uuucagaagcucuggugucccgC.....	9	1	c02
.....uuucagCagcucuggugucga.....	1	1	c02
.....uuucagaagcucuUguguccga.....	1	1	c02
.....uuucagaGgcucuggugucga.....	57	1	c02
.....uuucagaagcucuggugAccga.....	1	1	c02
.....uuucagaagcucugguUuccga.....	1	1	c02
.....uuucagaagcucugguguGcga.....	1	1	c02
.....uuucagaCgcucuggugucga.....	1	1	c02
.....uuucagaagcucugguguUcga.....	2	1	c02
.....Guucagaagcucuggugucga.....	286	1	c02
.....uuucagaagcucuggugucccgaU.....	283	1	c02
.....uCucagaagcucuggugucccgaa.....	2	1	c02
.....uuucagaagcucuggugCccgaa.....	1	1	c02
.....uuucagaagGucuggugucccgaa.....	1	1	c02
.....uuucagaagcucuggugucccAaa.....	1	1	c02
.....uuucagaagcucuggugucccgCa.....	1	1	c02
.....uuucagaagcucuCguguccgaa.....	1	1	c02
.....uuucagaagcucuggugucUgaa.....	1	1	c02
.....uuucagaagcucuggugucccgaa.....	265	0	c02
.....uuuAagaagcucuggugucccgaa.....	2	1	c02
.....uuucagaagcucuggugucccgUa.....	9	1	c02
.....Guucagaagcucuggugucccgaa.....	32	1	c02
.....Auucagaagcucuggugucccgaa.....	2	1	c02
.....uuucagaagcucuggguGcgaa.....	1	1	c02
.....uuucagaGgcucuggugucccgaa.....	7	1	c02
.....uuucagaagAucuggugucccgaa.....	1	1	c02
.....uuucagaagcucuggugucccgaC.....	13	1	c02
.....uuucagaagcucuggAguccgaa.....	1	1	c02
.....uuucagaagcucuggGguccgaa.....	1	1	c02
.....uuucagaagcucuggugucccgaag.....	3	0	c02
.....uuucagaagcucuggugucccgaaA.....	40	1	c02
.....uuucagaagcucuggugucccgaaU.....	63	1	c02
.....uuucagaagcucuggugucccgaGg.....	1	1	c02
.....uuucagaagcucuggugucccgaaC.....	1	1	c02
.....uuucagaagcucuggugucccgaaAu.....	1	1	c02
.....uuucagaagcucuggugucccgaaUu.....	16	1	c02
.....uuucagaagcucuggugucccgaaguc.....	1	0	c02
.....uuucagaagcucuggugucccgaagucu.....	2	0	c02
.....uuucagaagAucuggugucccgaagucu.....	1	1	c02
.....uuucagaagcucuggugucccgaaguAu.....	1	1	c02
.....uuucagaagcucuggugucccgaagucuaca.....	4	0	c02

Mature Star

caucauacuguucgacgcauuuucagaagcucugguguccgaagucuacaaucucaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac

.....uuucagGgcucuggugucccgaagucuacaa.....	1	1	c02
.....uuucagaagcucuggugucccgaagucuacaauUu.....	1	1	c02
.....Aucagaagcucuggugucc.....	2	1	c02
.....Gucagaagcucuggugucccg.....	5	1	c02
.....uucagaagcucuggugucccg.....	17	0	c02
.....Gucagaagcucuggugucccga.....	2	1	c02
.....uucagaagcucuggugucccga.....	9	0	c02
.....uucagaagcucuggugucccgaa.....	1	0	c02
.....ucagaagcucuggugucc.....	4	0	c02
.....ucagaagcucuggugucccg.....	33	0	c02
.....Gcagaagcucuggugucccg.....	2	1	c02
.....ucagaagcucuggugucccgU.....	1	1	c02
.....ucagaagcucuggugucccCa.....	1	1	c02
.....ucagaagcucuggugucccga.....	15	0	c02
.....Gcagaagcucuggugucccga.....	2	1	c02
.....ucagaagcucuggugucccgaa.....	4	0	c02
.....ucagaagcucuggugucccgaU.....	1	1	c02
.....cagaagcucuggugucccg.....	13	0	c02
.....cagaGgcucuggugucccga.....	2	1	c02
.....cagaagcucuggugucccga.....	4	0	c02
.....cagaagcucuggugucccgU.....	1	1	c02
.....agaagcucuggugucccga.....	1	0	c02
.....agaagcucuggugucccgU.....	1	1	c02
.....ccaacaccagagcuucuggaucu.....	2	0	c02
.....caacaccagagcuuUuggauc.....	1	1	c02
.....caacaccagagcuucuggauc.....	6	0	c02
.....caacaccagagcuucuggaucu.....	72	0	c02
.....caacaccagagcAucuggaucu.....	1	1	c02
.....caacaccagagcuucuggaucua.....	2	0	c02
.....caacaccagagcuucuggaucuU.....	3	1	c02
.....caacaccagagcuucuggaucuUu.....	1	1	c02
.....aacaccagagcuucuggaucu.....	1	0	c02
.....acaccagagcuuAuggaucu.....	1	1	c02
.....cgGauuuucagaagcucuggugucccga.....	1	1	c09
.....Cuuucagaagcucuggugucccg.....	3	1	c09
.....uuuucagaagcucuggugucccga.....	1	0	c09
.....Guuucagaagcucuggugucccga.....	1	1	c09
.....Cuuucagaagcucuggugucccga.....	1	1	c09
.....uuucagaagcucuggugu.....	24	0	c09
.....uuucagaGgcucuggugu.....	1	1	c09
.....Guucagaagcucuggugu.....	1	1	c09
.....Guucagaagcucugguguc.....	8	1	c09
.....uuucagaagcucugguguc.....	78	0	c09
.....Auucagaagcucugguguc.....	1	1	c09
.....uuucagaagcucugguUuc.....	1	1	c09
.....Guucagaagcucuggugucc.....	36	1	c09
.....uuucagaagcucuggugucU.....	4	1	c09
.....uuucagaGgcucuggugucc.....	15	1	c09
.....uuucagaagcucuCgugucc.....	1	1	c09
.....uuucagaagcGcuggugucc.....	1	1	c09
.....uuucagaagcucuggugucc.....	393	0	c09
.....uuucagaagcucuggugucA.....	3	1	c09
.....Cuucagaagcucuggugucc.....	1	1	c09
.....uuucagaagAucuggugucc.....	1	1	c09
.....uuucGgaagcucuggugucc.....	1	1	c09
.....Auucagaagcucuggugucc.....	2	1	c09
.....uuucagaaCcucuggugucc.....	1	1	c09
.....uuucagaagcucuggAguccg.....	2	1	c09
.....uuucagGagcucuggugucccg.....	1	1	c09
.....uuucagaagAucuggugucccg.....	7	1	c09
.....uuucagaagcuUuggugucccg.....	1	1	c09
.....uuucagaagcucuUgugucccg.....	1	1	c09
.....uuucUgaagcucuggugucccg.....	1	1	c09
.....uuucagaagcucuggugucccg.....	5331	0	c09
.....uuucagaagcucuggugAccg.....	1	1	c09
.....uuucagaagcucuCgugucccg.....	3	1	c09
.....uuCcagaagcucuggugucccg.....	1	1	c09
.....uuucagaagcucugguguAcg.....	4	1	c09
.....Auucagaagcucuggugucccg.....	29	1	c09

Mature Star

caucauacuguucgacgcauuuucagaagcucugguguccgaagucuacaaucucaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac

.....uuucagaagcucugguUuccg.....	5	1	c09
.....uuucagaagcucuggugucAg.....	14	1	c09
.....uuucagaagcCcuggugucccg.....	2	1	c09
.....uuuGagaagcucuggugucccg.....	2	1	c09
.....uuucGgaagcucuggugucccg.....	3	1	c09
.....uuuUagaagcucuggugucccg.....	3	1	c09
.....uuucagaagcucCgguguccg.....	1	1	c09
.....uuucagaaUcucuggugucccg.....	1	1	c09
.....uuucagaagcucuggugucccA.....	5	1	c09
.....uuucagaGgcucuggugucccg.....	113	1	c09
.....uuucagaagcuGuggugucccg.....	2	1	c09
.....uuucagaagcucuAgugucccg.....	1	1	c09
.....uuucagaaCcucuggugucccg.....	2	1	c09
.....uuucaCaagcucuggugucccg.....	3	1	c09
.....uuucagaagcGcuggugucccg.....	2	1	c09
.....uuucagaagcucugguCuccg.....	10	1	c09
.....Guucagaagcucuggugucccg.....	413	1	c09
.....uuucCgaagcucuggugucccg.....	2	1	c09
.....uCucagaagcucuggugucccg.....	1	1	c09
.....uuucagaagcucAggugucccg.....	3	1	c09
.....uuucagaagcucugCugucccg.....	8	1	c09
.....uuucagaagcucuggugucccU.....	13	1	c09
.....uuuAagaagcucuggugucccg.....	2	1	c09
.....uuucagaagcucuggugucccC.....	3	1	c09
.....uuucagaagcuAuggugucccg.....	2	1	c09
.....uuucagaagcucugguAuccg.....	1	1	c09
.....uuucagaagcucuggugCccg.....	2	1	c09
.....uuucagaCgcucuggugucccg.....	2	1	c09
.....Cuucagaagcucuggugucccg.....	2	1	c09
.....uuucagCagcucuggugucccg.....	6	1	c09
.....uuucagaagcucuggugucUga.....	1	1	c09
.....uuucagaagcucuggugucccga.....	1848	0	c09
.....uGucagaagcucuggugucccga.....	1	1	c09
.....uuucagaagcucuggugucccCa.....	2	1	c09
.....uuucagaagcucuggugucccUa.....	1	1	c09
.....uAucagaagcucuggugucccga.....	2	1	c09
.....uuucagaagcucuggugAccga.....	1	1	c09
.....uuucagCagcucuggugucccga.....	1	1	c09
.....uuuGagaagcucuggugucccga.....	1	1	c09
.....uuuAagaagcucuggugucccga.....	1	1	c09
.....uuucagaagUucuggugucccga.....	1	1	c09
.....uuucagUagcucuggugucccga.....	1	1	c09
.....uuucagaagcucuggugucccgC.....	12	1	c09
.....Auucagaagcucuggugucccga.....	8	1	c09
.....uuucagaagcucuggugucccgU.....	342	1	c09
.....Guucagaagcucuggugucccga.....	151	1	c09
.....uuucagaagcGcuggugucccga.....	1	1	c09
.....uuucagaagcucuAgugucccga.....	1	1	c09
.....uuucagaCgcucuggugucccga.....	2	1	c09
.....uuucagaagcucuggugucccAa.....	2	1	c09
.....uuucagaagcucugguCuccga.....	5	1	c09
.....uuucagaagcucAggugucccga.....	1	1	c09
.....uuucagaagcucugguguUcga.....	2	1	c09
.....uuAcagaagcucuggugucccga.....	1	1	c09
.....uuucagaagcucuggugucccgG.....	6	1	c09
.....uuucagaagcucugguUuccga.....	4	1	c09
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.....uuucagaagcucCgguguccga.....	2	1	c09
.....uuucagaagcucuggAguccga.....	1	1	c09
.....uuucagaagcucuggugucAga.....	8	1	c09
.....uuucagaGgcucuggugucccga.....	83	1	c09
.....uuucagaagcucugAuguccga.....	2	1	c09
.....uuucagaagAucuggugucccga.....	2	1	c09
.....uuucagaagcucuggugucccgaa.....	230	0	c09
.....uuucagaagcucuggugucccgaC.....	10	1	c09
.....uuucCgaagcucuggugucccgaa.....	1	1	c09
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.....uuucagaagcucuggugucccgaU.....	342	1	c09
.....uuucagaagcucuggugucccgUa.....	4	1	c09
.....Auucagaagcucuggugucccgaa.....	3	1	c09

Mature Star

caucauacuguucgacgcauuuucagaagcucugguguccgaagucuacaaucucaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac

.....uuucagaagcucuggUCuccgaa.....	1	1	c09
.....uuucagaGgcucugguguccgaa.....	9	1	c09
.....uuucagaUgcucugguguccgaa.....	1	1	c09
.....uuucagaagcucugguguccgGa.....	3	1	c09
.....uuucagaCgcucugguguccgaa.....	1	1	c09
.....Guucagaagcucugguguccgaa.....	20	1	c09
.....uuucagaaUcucugguguccgaa.....	1	1	c09
.....uuucagaagcucuggugucCgaaU.....	56	1	c09
.....uuucagaagcucuggugucCgaag.....	4	0	c09
.....uuucagaagcucuggugucCgaUg.....	2	1	c09
.....uuucagaagcucuggugucCgaGg.....	1	1	c09
.....uuucagaagcucuggugucCgaaA.....	25	1	c09
.....GuucagaagcucuggugucCgaag.....	2	1	c09
.....uuucagaagcucuggugucCgaaC.....	1	1	c09
.....uuucagaagcucuggugucCgaUgu.....	1	1	c09
.....uuucagaagcucuggugucCgaagG.....	1	1	c09
.....uuucagaagcuAuggugucCgaagu.....	1	1	c09
.....uuucagaagcucuggugucCgaagu.....	4	0	c09
.....uuucagaagcucuggugucCgaaUu.....	8	1	c09
.....uuucagaagcucuggugucCgaaAu.....	7	1	c09
.....GuucagaagcucuggugucCgaaguc.....	1	1	c09
.....uuucagaagcucuggugucCgaaguc.....	2	0	c09
.....uuucagaGgcucuggugucCgaaguc.....	1	1	c09
.....uuucagaagcucuggugucCgaagucu.....	2	0	c09
.....uuucagaGgcucuggugucCgaagucuac.....	1	1	c09
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.....GuucagaagcucuggugucCgaagucuaca.....	2	1	c09
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.....uucCgaagcucugguguccg.....	1	1	c09
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.....uAcagaagcucugguguccg.....	1	1	c09
.....uucagaagcucuggugucCgU.....	3	1	c09
.....uucagaagcucuggugucCga.....	20	0	c09
.....uucagCagcucuggugucCga.....	1	1	c09
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.....uucagaagcucuggugucCgaaU.....	1	1	c09
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.....ucagaagcucugguguccg.....	90	0	c09
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.....ucagaagcAcugguguccg.....	1	1	c09
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.....cagaagcucuggugucAga.....	1	1	c09
.....cagaagcucuggugucCgU.....	2	1	c09
.....cagaagcucuggugucCgaa.....	2	0	c09
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Mature Star

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.....caaUaccagagcuucuggaucu.....	1	1	c09
.....caacaccagagcuucuggaucuU.....	2	1	c09
.....aacaccagagcuucuggaucu.....	1	0	c09
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.....Cuuucagaagcucugguguc.....	1	1	c16
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.....uuucagaagcucugAugu.....	1	1	c16
.....Guucagaagcucuggugu.....	9	1	c16
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.....uuucagaGgcucuggugu.....	1	1	c16
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.....uuucagaagcuAugguguc.....	2	1	c16
.....uuucagaagcCcugguguc.....	1	1	c16
.....Guucagaagcucugguguc.....	101	1	c16
.....uuucagaagcucAgguguc.....	1	1	c16
.....uuucagaagcucGgguguc.....	1	1	c16
.....uuucagaagcucugUuguc.....	2	1	c16
.....uuAcagaagcucugguguc.....	1	1	c16
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.....uuucaUaagcucuggugucc.....	1	1	c16
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.....uuucagaagcucugguAucc.....	2	1	c16
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.....uuucagaGgcucuggugucc.....	100	1	c16
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.....uuucagaagcucugAugucc.....	1	1	c16
.....uCucagaagcucuggugucc.....	2	1	c16
.....Auucagaagcucuggugucc.....	22	1	c16
.....uuuAagaagcucuggugucc.....	4	1	c16
.....uuucagaagcucugCugucc.....	5	1	c16
.....uuCcagaagcucuggugucc.....	1	1	c16
.....uuucagaagcucuggugGcc.....	1	1	c16
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.....uuucagaUgcucuggugucc.....	1	1	c16
.....Cuucagaagcucuggugucc.....	6	1	c16

Mature Star

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.....uuucagaagcucuAgugucc.....	1	1	c16
.....uuucaCaagcucuggugucc.....	2	1	c16
.....uuucagaagcucugguUucc.....	1	1	c16
.....uuucagaagcucuCgugucc.....	4	1	c16
.....Guucagaagcucuggugucc.....	569	1	c16
.....uuucagaagcucuggAgucc.....	4	1	c16
.....uuucCgaagcucuggugucc.....	1	1	c16
.....uuucagaagcAcuggugucc.....	2	1	c16
.....uuucagaagcucuggugAcc.....	1	1	c16
.....uuucagaagcucuggugucU.....	7	1	c16
.....uuucagaagcuAuggugucc.....	4	1	c16
.....uuucagaagcCcuggugucc.....	1	1	c16
.....uuucagaagcucugUugucc.....	2	1	c16
.....uGucagaagcucuggugucc.....	1	1	c16
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.....uuucagaagcuUuggugucccg.....	1	1	c16
.....uuucagaagcucuggguguAcg.....	21	1	c16
.....uuucagaagcucuggugucccg.....	13931	0	c16
.....uuucagaagcucuggugucGg.....	1	1	c16
.....Auucagaagcucuggugucccg.....	67	1	c16
.....uuCcagaagcucuggugucccg.....	2	1	c16
.....uuucagaagGucuggugucccg.....	3	1	c16
.....uuucagaagcucuggugucccA.....	45	1	c16
.....uuucagaUgcucuggugucccg.....	2	1	c16
.....uAucagaagcucuggugucccg.....	8	1	c16
.....uuucagaagcAcuggugucccg.....	2	1	c16
.....uuucagaagcucuggugucccC.....	15	1	c16
.....uuucagaCgcucuggugucccg.....	27	1	c16
.....uuucGgaagcucuggugucccg.....	8	1	c16
.....uuucagaagcucGgguguccg.....	4	1	c16
.....Guucagaagcucuggugucccg.....	1531	1	c16
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.....uuucaAaagcucuggugucccg.....	1	1	c16
.....uuucagUagcucuggugucccg.....	2	1	c16
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.....uuucagaagcucuggugucUg.....	6	1	c16
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.....uuucaUaagcucuggugucccg.....	2	1	c16
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.....uuucagaagcucuggugAccg.....	4	1	c16
.....uuucagaagcucCggugucccg.....	10	1	c16
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.....uuucagaGgcucuggugucccg.....	217	1	c16
.....uuucagaagcucuggCguccg.....	4	1	c16
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Mature Star

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.....Cuucagaagcucugguguccg.....	7	1	c16
.....uuucagCagcucugguguccg.....	15	1	c16
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.....uuucagaagcucuCguguccg.....	13	1	c16
.....uuucaCaagcucugguguccg.....	3	1	c16
.....uuucagaagcucugguguccAa.....	2	1	c16
.....uuucagaagcucugguguGcga.....	2	1	c16
.....uuucagaagcucugguCuccga.....	11	1	c16
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.....uuucagaagcucuggAguccga.....	1	1	c16
.....uuucagaagcucuggugucGga.....	1	1	c16
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.....uuGcagaagcucuggugucccga.....	1	1	c16
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.....uuucagaagAucuggugucccga.....	7	1	c16
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.....uuucagaCgcucuggugucccga.....	10	1	c16
.....uuucagaagcuAuggugucccga.....	4	1	c16
.....Guucagaagcucuggugucccga.....	603	1	c16
.....uuucagaagcucuggugucccUa.....	3	1	c16
.....uuCcagaagcucuggugucccga.....	1	1	c16
.....uuucagaagcucugguguUcga.....	2	1	c16
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.....uuucagaagcucCgguguccga.....	3	1	c16
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Mature Star

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.....uuucagaagcucuggugGccgaa.....	1	1	c16
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.....uuucagaagGucuggugucccgaa.....	1	1	c16
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.....uuucagaagcucuggugucccgaagucua.....	1	0	c16
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.....uuUagaagcucugguguccg.....	1	1	c16

Mature Star

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.....Gucagaagcucugguguccgaa.....	1	1	c16
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.....uucagaagcucugguguccgaaU.....	1	1	c16
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.....Ccagaagcucuggugucc.....	1	1	c16
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.....ucagCagcucugguguccg.....	1	1	c16
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.....cagaagcucuggugucgU.....	6	1	c16
.....cagaagcucuggugucgaU.....	6	1	c16
.....cagaagcucuggugucgaa.....	5	0	c16
.....cagaagcucuggugucgaaA.....	1	1	c16
.....cagaagcucuggugucgaaU.....	1	1	c16
.....agaagcucuggugucgU.....	2	1	c16
.....agaagcucuggugucga.....	1	0	c16
.....agaagcucuggugucgaa.....	2	0	c16
.....agaagcucuggugucgaU.....	2	1	c16
.....cuacaauUuccaacaccaga.....	1	1	c16
.....caacCccagagcuucugg.....	1	1	c16
.....caacacAagagcuucuggau.....	1	1	c16
.....caacaccagagcuucuggau.....	3	0	c16
.....caacCccagagcuucuggauc.....	1	1	c16
.....caacaccagagcuucuggauc.....	24	0	c16
.....caaAaccagagcuucuggaucu.....	1	1	c16
.....caacaccagagcuucuggaucu.....	398	0	c16
.....caacaccagagcuucuggaucA.....	1	1	c16
.....caacaccagagcuucuggauAu.....	2	1	c16
.....caacaccCgagcuucuggaucu.....	1	1	c16
.....caacaccagagcuAcuggaucu.....	1	1	c16
.....caaUaccagagcuucuggaucu.....	1	1	c16
.....caacaccagCgcuucuggaucu.....	1	1	c16
.....caacacAagagcuucuggaucu.....	2	1	c16
.....caacaccagagcuucGggaucu.....	1	1	c16
.....caCcaccagagcuucuggaucu.....	1	1	c16
.....caacaccagagcuuUuggaucu.....	2	1	c16
.....caacaccagaCcuucuggaucu.....	1	1	c16
.....caacaccaUagcuucuggaucu.....	2	1	c16
.....caacaccagagcuucAggaucu.....	1	1	c16
.....caacaccagagcuucugUaucu.....	1	1	c16
.....caacaccagagcuuGuggaucu.....	1	1	c16
.....caacaccagagcuucCggaucu.....	1	1	c16
.....caacaccUgagcuucuggaucu.....	1	1	c16
.....caacaccagagcuucuggaucuU.....	23	1	c16
.....caacaccagagcuucuggaucua.....	2	0	c16

Mature Star

caucauacuguucgacgcauuuucagaagcucuggugucccgaagucuacaaucucaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac

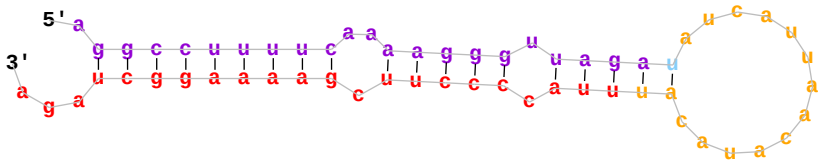
.....caacacAagagcuucuggaucua.....	1	1	c16
.....caaAaccagagcuucuggaucua.....	1	1	c16
.....caacaccagagcuucuggaucuC.....	2	1	c16
.....caacaccagagcuucuggaucuUu.....	1	1	c16
.....aacaccagagcuucuggaucu.....	2	0	c16
.....uuuucagaagcucuggugucccga.....	1	0	c04
.....uuucagaagcucuggugu.....	5	0	c04
.....uuucagaagcucugguguc.....	6	0	c04
.....uuucagaagcucugguguU.....	1	1	c04
.....uuucagaGgcucugguguc.....	1	1	c04
.....uuucagaagcucuCgugucc.....	1	1	c04
.....uuucagaagUucuggugucc.....	1	1	c04
.....Guucagaagcucuggugucc.....	4	1	c04
.....uuuAagaagcucuggugucc.....	1	1	c04
.....uuucagaagcucuggugucc.....	21	0	c04
.....uuucagaGgcucuggugucc.....	5	1	c04
.....uuucagaagcucuggugucccC.....	1	1	c04
.....Auucagaagcucuggugucccg.....	3	1	c04
.....uuucagaagcucugCugucccg.....	1	1	c04
.....uuucagaagcucuUgugucccg.....	1	1	c04
.....Guucagaagcucuggugucccg.....	18	1	c04
.....uuuUagaagcucuggugucccg.....	1	1	c04
.....uuucagaagcuAuggugucccg.....	1	1	c04
.....uAucagaagcucuggugucccg.....	2	1	c04
.....uuucagaagcucuggugucccU.....	1	1	c04
.....uuucagaagcucugUugucccg.....	1	1	c04
.....uuucagaGgcucuggugucccg.....	18	1	c04
.....Cuucagaagcucuggugucccg.....	1	1	c04
.....uuucagaagcucuggugucccg.....	354	0	c04
.....uuucagaagcucAggugucccg.....	1	1	c04
.....uuuAagaagcucuggugucccg.....	2	1	c04
.....uuucagaagcucuggAgucccga.....	1	1	c04
.....uuucagaGgcucuggugucccga.....	38	1	c04
.....uuucagaagcucuggugucAga.....	1	1	c04
.....uuucagaagcucuggugucccgU.....	39	1	c04
.....uuucagaagcucuggugCccga.....	1	1	c04
.....Guucagaagcucuggugucccga.....	25	1	c04
.....Auucagaagcucuggugucccga.....	1	1	c04
.....uuucagaagcucuggugucccCa.....	1	1	c04
.....uuucagaagcucuggugucccgC.....	1	1	c04
.....uuucagaagcucugguUuccga.....	1	1	c04
.....uuucGgaagcucuggugucccga.....	1	1	c04
.....uuucagaagcucuggugucccga.....	308	0	c04
.....uuucagaagcucuggugucccgG.....	1	1	c04
.....uuucagaagcucuCgugucccga.....	1	1	c04
.....uuucagCagcucuggugucccga.....	2	1	c04
.....uuucagaagcucuggugucAgaa.....	1	1	c04
.....uuucagaagcucuggugucccAaa.....	1	1	c04
.....uuucagaCgcucuggugucccgaa.....	1	1	c04
.....Guucagaagcucuggugucccgaa.....	10	1	c04
.....uuucagaagcucuggguAcgaa.....	1	1	c04
.....uuucagaGgcucuggugucccgaa.....	29	1	c04
.....uuucagaagcucuggugucccgaa.....	117	0	c04
.....uuucagaagcucuggugucccgUa.....	4	1	c04
.....uuucagaagcucuggCgucccgaa.....	1	1	c04
.....uuucagaagcucuggugucccgaU.....	34	1	c04
.....uuucagaagcucuggugucccgaC.....	1	1	c04
.....uuucagaagcucuggugucccgaag.....	1	0	c04
.....uuucagaGgcucuggugucccgaag.....	1	1	c04
.....uuucagaagcucuggugucccgaaA.....	128	1	c04
.....uuucagaagcucuggugucccgaaU.....	6	1	c04
.....uuucagaagcucuggugucccgaaAu.....	1	1	c04
.....uuucagaagcucuggugucccgaaguc.....	2	0	c04
.....uuucagaagcucuggugucccgaagucu.....	2	0	c04
.....uucagaagcucuggugucc.....	1	0	c04
.....uucagaagcucuggugucccg.....	2	0	c04
.....uucagaaUcucuggugucccgaa.....	1	1	c04
.....uucagaagcucuggugucccgaaA.....	1	1	c04
.....ucagaagcucuggugucccg.....	1	0	c04

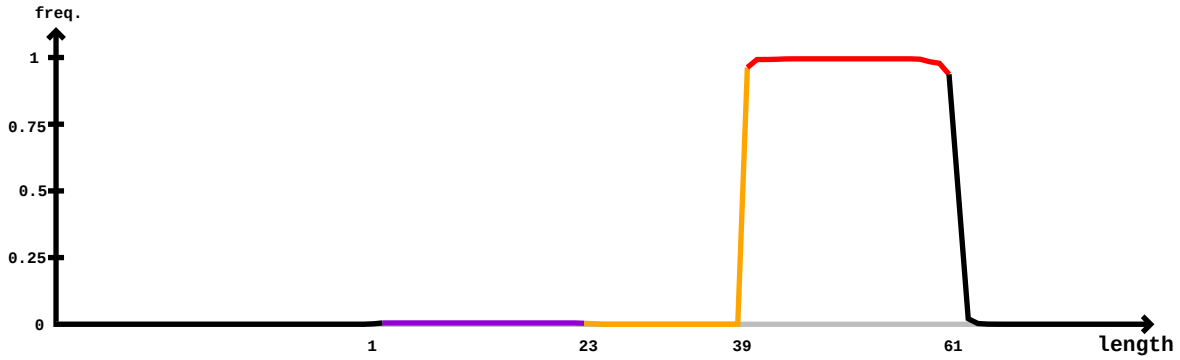
Mature Star

caucauacuguucgacgcauuuucagaagcucuggugucccgaagucuacaaucucaacaccagagcuucuggaucuaugucgccaguaucuaccuggacgcucaagac

.....ucagaGgcucuggugucccg.....	2	1	c04
.....Ccagaagcucuggugucccga.....	1	1	c04
.....ucagaGgcucuggugucccga.....	1	1	c04
.....ucagaagcucuggugucccga.....	3	0	c04
.....ucagaGgcucuggugucccgaa.....	1	1	c04
.....ucagaagcucuggugucccgaaA.....	2	1	c04
.....cagaagcucuggugucccg.....	2	0	c04
.....cagaagcucuggugucccga.....	2	0	c04
.....cagaagcucuggugucccgaagucuacaa.....	1	0	c04
.....gaagcucuggugucccgaaA.....	1	1	c04
.....caacaccagagcuucuggauc.....	2	0	c04
.....caacaccagagcuucuggaucu.....	32	0	c04
.....caacaccGgagcuucuggaucu.....	1	1	c04
.....caacaccagagcuucuggaucuU.....	2	1	c04
.....caacCccagagcuucuggaucua.....	1	1	c04
.....caacaccagagcuucuggaucuaA.....	1	1	c04
.....caacaccagagcuucuggaucuUu.....	1	1	c04
.....accagagcuucuggaucu.....	1	0	c04

Provisional ID	:	group16_27074
Score total	:	2077.9
Score for star read(s)	:	3.9
Score for read counts	:	2072.6
Score for mfe	:	0.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	4077
Mature read count	:	4057
Loop read count	:	0
Star read count	:	20





Star **Mature**

```
5'- cauugcacagcacacccauacaauuuauuuucaggccuuuucaaaaggguuagauaucauuaacauacauuuaccccuucgaaaaggcuagaaaauacugcgugugaauuca  -3'   obs
    cauugcacagcacacccauacaauuuauuuucaggccuuuucaaaaggguuagauaucauuaacauacauuuaccccuucgaaaaggcuagaaaauacugcgugugaauuca        exp
    ...(((...)))....(((((....(((((((.(((((((((..(((((.(((((.............)))))).)))))).)))))))))).)))))))....)))))..... reads    mm    sample
    ...............................caggccuuuucaaaaggguuaga..................................................... 5        0     c15
    ................................aggccuuuucaaaaggguuag...................................................... 2        0     c15
    ...............................aggccuuuucaaaaggguuaga..................................................... 7        0     c15
    ..................................................................Cuuaccccuucgaaaaggcuaga..................... 1        1     c15
    ..................................................................uuaccccuucgaaaaggc.......................... 1        0     c15
    ..................................................................uuaccccuucgaaaaggGuaga...................... 1        1     c15
    ..................................................................uuaccccuucgUaaaggcuaga...................... 1        1     c15
    ..................................................................uuaUccccuucgaaaaggcuaga...................... 2        1     c15
    ..................................................................uuaccccuucgaaaaggcuagU...................... 1        1     c15
    ..................................................................Auaccccuucgaaaaggcuaga...................... 1        1     c15
    ..................................................................uuaccccuucgaaaaggcuaga...................... 220      0     c15
    ..................................................................uuaccccuucgaaaaggUuagaa..................... 1        1     c15
    ..................................................................uuaccccuucgaaaaggcuagaC..................... 1        1     c15
    ..................................................................uuaccccuucgaaaaggcuagaU..................... 68       1     c15
    ..................................................................uuaccccuucgaaaaggcuagaa..................... 4        0     c15
    ..................................................................uuaccccuucgaaaaggcuagaaU.................... 19       1     c15
    ..................................................................uaccccuucgaaaaggcuaga........................ 1        0     c15
    ..................................................................uaccccuucgaaaaggcuagaa....................... 31       0     c15
    ..................................................................uaccccuucgaaaaggcuagaaa...................... 1        0     c15
    ..................................................................uaccccuucgaaaaggcuagaaU..................... 15       1     c15
    ..................................................................uaccccuucgaaaaggcuagaaaa.................... 1        0     c15

    ..................................................................uuaccccuucgaaaaggcu.......................... 9        0     c02
    ..................................................................uuaccccuucgaaaaggcua......................... 5        0     c02
    ..................................................................uuacccAuucgaaaaggcuag........................ 1        1     c02
    ..................................................................Guaccccuucgaaaaggcuag........................ 5        1     c02
    ..................................................................uuaccccuucgaaaaggcuag........................ 52       0     c02
    ..................................................................uuaccccuucgaaaGggcuag........................ 2        1     c02
    ..................................................................uuaccccuucgaaaaCgcuag........................ 1        1     c02
    ..................................................................uuaccccuucgaaaaggUuaga....................... 1        1     c02
    ..................................................................uAaccccuucgaaaaggcuaga....................... 1        1     c02
    ..................................................................uuaccccuuAgaaaaggcuaga....................... 1        1     c02
    ..................................................................Guaccccuucgaaaaggcuaga....................... 66       1     c02
```

Star Mature

cauugcacagcacacccauacaauuuauuuucaggccuuuucaaaaggguuagauaucauuaacauacauuuaccccuucgaaaaggcuagaaaauacugcgugugaauuca

.....uuaUcccuucgaaaaggcuaga.....	1	1	c02
.....uuaccccuucgaaaagCcuaga.....	2	1	c02
.....uuCccccuucgaaaaggcuaga.....	3	1	c02
.....uuaccAcuucgaaaaggcuaga.....	4	1	c02
.....uuaccccuucCaaaaggcuaga.....	1	1	c02
.....uuaccccuucgaaaaggcuaga.....	607	0	c02
.....uuaccccuucgaaaGggcuaga.....	2	1	c02
.....uuaccccuucgaaaaggcuagC.....	1	1	c02
.....Auaccccuucgaaaaggcuaga.....	2	1	c02
.....uuacAccuucgaaaaggcuaga.....	2	1	c02
.....uuaccccuucgaaaaggcuagU.....	2	1	c02
.....uuaccccuucgaaaaCgcuaga.....	1	1	c02
.....uuaccccuucgaaaaggcuaUa.....	1	1	c02
.....uuacccAuucgaaaaggcuaga.....	1	1	c02
.....uuacGccuucgaaaaggcuagaa.....	1	1	c02
.....Guaccccuucgaaaaggcuagaa.....	2	1	c02
.....uuaccccuucgaaaaggcuagaU.....	56	1	c02
.....uuaccccuucgaaaaggcuagaa.....	32	0	c02
.....uuaccccuucgaaaaggcuagaaa.....	2	0	c02
.....uuaccccuucgaaaaggcuagaaU.....	2	1	c02
.....uaccccuucgaaaaggcuag.....	1	0	c02
.....uaccccuucgaaaaggcuaga.....	12	0	c02
.....uaccccuucgaaaaCgcuaga.....	1	1	c02
.....uaccccuucgaaaaggcuagaa.....	2	0	c02
.....uaccccuucgaaaaggcuagaaU.....	1	1	c02
.....cccuucgaaaaggcuaga.....	1	0	c02

.....caggccuuuucaaaaggguuagau.....	1	0	c16
.....aggccuuuucaaaaggguuag.....	2	0	c16
.....aggccuuuucaaaaggguuagau.....	1	0	c16
.....uuaccccuucgaaaaggc.....	1	0	c16
.....uuaccccuucgaaaaggcu.....	8	0	c16
.....Guaccccuucgaaaaggcu.....	1	1	c16
.....uuaccccuucgaaaaggcua.....	6	0	c16
.....Guaccccuucgaaaaggcua.....	1	1	c16
.....uuaccccuucgaaaaggcuaU.....	1	1	c16
.....uuaccccuucgaaaaggcuag.....	57	0	c16
.....uuacccAuucgaaaaggcuag.....	1	1	c16
.....uuaccAcuucgaaaaggcuag.....	1	1	c16
.....Guaccccuucgaaaaggcuag.....	2	1	c16
.....uuCccccuucgaaaaggcuaga.....	3	1	c16
.....uuaccccuucgaaaUggcuaga.....	1	1	c16
.....uuaccccuucgaaaaAgcuaga.....	1	1	c16
.....uuaccccuucgaaaagCcuaga.....	3	1	c16
.....uuaccccuucgaaaaggcuagC.....	1	1	c16
.....uuaccccuucgaaaagAcuaga.....	1	1	c16
.....uuaccccCucgaaaaggcuaga.....	1	1	c16
.....uuaccccGucgaaaaggcuaga.....	1	1	c16
.....uuaccccuucgaaUaggcuaga.....	1	1	c16
.....uuaccccuAcgaaaaggcuaga.....	1	1	c16
.....uuaAcccuucgaaaaggcuaga.....	2	1	c16
.....uuaccccuucgaaaCggcuaga.....	1	1	c16
.....Guaccccuucgaaaaggcuaga.....	133	1	c16
.....uuaccccuucgaaaaggcuaga.....	1341	0	c16
.....uuaccAcuucgaaaaggcuaga.....	6	1	c16
.....uuaccccuuAgaaaaggcuaga.....	1	1	c16
.....uuaccccuucgaaaaggcuagU.....	6	1	c16
.....Cuaccccuucgaaaaggcuaga.....	2	1	c16
.....uuacAccuucgaaaaggcuaga.....	5	1	c16
.....uuaccccuucgaaaaggcuaUa.....	1	1	c16
.....uuaccccuucgaaaaggcCaga.....	1	1	c16
.....uuaccccuucUaaaaggcuaga.....	1	1	c16
.....uuaccccuGcgaaaaggcuaga.....	2	1	c16
.....uuaccccuucgaaaaUgcuaga.....	1	1	c16
.....uuaccccAucgaaaaggcuaga.....	1	1	c16
.....uuacccAuucgaaaaggcuaga.....	2	1	c16
.....uuaccccuucgaaaaCgcuaga.....	1	1	c16
.....Auaccccuucgaaaaggcuaga.....	6	1	c16
.....uuaccccuuGgaaaaggcuaga.....	1	1	c16
.....uuaccccuucgaaaGggcuaga.....	1	1	c16

Star Mature

cauugcacagcacacccauacaauuuauuuucaggccuuuucaaaaggguuagauaucauuaacauacauuuaccccuucgaaaaggcuagaaaauacugcgugugaauuca

.....uuaccccuucgaaaaggGuaga.....	1	1	c16
.....uuaccccuucgaaaaggAuaga.....	1	1	c16
.....uuCccccuucgaaaaggcuagaa.....	1	1	c16
.....uuaccccuucgaaaaggcuagaC.....	1	1	c16
.....uuaccAcuucgaaaaggcuagaa.....	1	1	c16
.....Guaccccuucgaaaaggcuagaa.....	9	1	c16
.....uuaccccuucgaaaaggcuagaU.....	85	1	c16
.....uuaccccuucgaaaaggcuagaa.....	61	0	c16
.....uuaccccuucgaaaaggcuagCa.....	1	1	c16
.....uuaccccuucgaaaaggcuagaG.....	2	1	c16
.....uuaccccuucgaaaaggcuagaUa.....	2	1	c16
.....uuaccccuCcgaaaaggcuagaaa.....	1	1	c16
.....uuaccccuucgaaaaggcuagaaa.....	9	0	c16
.....uuaccccuucgaaaaggcuagaaU.....	2	1	c16
.....uuaccccuucgaaaaggcuagaUaa.....	1	1	c16
.....uuaccccuucgaaaaggcuagaaaa.....	2	0	c16
.....Gaccccuucgaaaaggcuaga.....	2	1	c16
.....uUccccuucgaaaaggcuaga.....	1	1	c16
.....uaccccuucgaaaaggcuaga.....	5	0	c16
.....uaccccuucgaaaaggcuagaa.....	9	0	c16
.....Gaccccuucgaaaaggcuagaa.....	3	1	c16
.....Gaccccuucgaaaaggcuagaaa.....	1	1	c16
.....uaccccuucgaaaaggcuagaaU.....	7	1	c16
.....uaccccuucgaaaaggcuagaaa.....	1	0	c16
.....Ccccccuucgaaaaggcuagaaa.....	1	1	c16
.....ccccuucgaaaaggcuaga.....	1	0	c16
.....cccuucgaaaaggcuaga.....	1	0	c16
.....ccuucgaaaaggcuagaaaaA.....	1	1	c16

.....aggccuuuucaaaaggguuag.....	1	0	c04
.....uuaccccuucgaaaaggc.....	1	0	c04
.....uuaccccuucgaaaaggcua.....	2	0	c04
.....uuaccccuucgaaaaggcuag.....	2	0	c04
.....uuaccccuucgaaaaggcuagG.....	1	1	c04
.....uuaccccuucgaaaaggcGaga.....	1	1	c04
.....uuaccccuucgaaaaggcuaga.....	83	0	c04
.....Guaccccuucgaaaaggcuaga.....	7	1	c04
.....uuaAcccuucgaaaaggcuaga.....	1	1	c04
.....Guaccccuucgaaaaggcuagaa.....	1	1	c04
.....uuaccccuucgaaaaggcuagaU.....	1	1	c04
.....uuaccccuucgaaaaggcuagaa.....	12	0	c04
.....uuaccccuucgaaaaggcuagaUa.....	1	1	c04
.....uuaccccuucgaaaaggcuagaaa.....	5	0	c04
.....uuaccccuucgaaaaggcuagaaaa.....	5	0	c04
.....uuaccccuucgaaaaggcuagaaaaAa.....	1	1	c04
.....uaccccuucgaaaaggcuaga.....	2	0	c04
.....uaccccuucgaaaaggcuagaa.....	1	0	c04
.....cccuucgaaaaggcuaga.....	1	0	c04

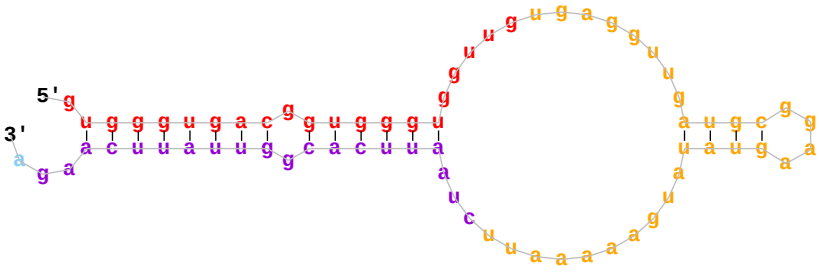
.....aggccuuuucaaaaggguuagau.....	1	0	c09
.....Auuaccccuucgaaaaggcuaga.....	1	1	c09
.....uuaccccuucgaaaaggc.....	3	0	c09
.....Guaccccuucgaaaaggcu.....	1	1	c09
.....uuaccccuucgaaaaggcu.....	20	0	c09
.....uuaccccuucgaaaaggcuC.....	2	1	c09
.....uuaccccuucgaaaaUgcua.....	1	1	c09
.....uuaccccuucgaaaaggcua.....	6	0	c09
.....Guaccccuucgaaaaggcuag.....	3	1	c09
.....uuaccccuucgaaaaggcuag.....	38	0	c09
.....uuacAccuucgaaaaggcuag.....	1	1	c09
.....uuaccUcuucgaaaaggcuaga.....	1	1	c09
.....uCaccccuucgaaaaggcuaga.....	1	1	c09
.....uuaccccuucgaaaaggcCaga.....	1	1	c09
.....uuaccccuucgaaaGggcuaga.....	1	1	c09
.....uuaccccuucgaaaaggAuaga.....	1	1	c09
.....Auaccccuucgaaaaggcuaga.....	7	1	c09
.....uuaccccuucgaaaagUcuaga.....	1	1	c09
.....uuaccccuucgaaaaggcuagU.....	3	1	c09
.....uuaccccuCcgaaaaggcuaga.....	1	1	c09
.....Guaccccuucgaaaaggcuaga.....	44	1	c09

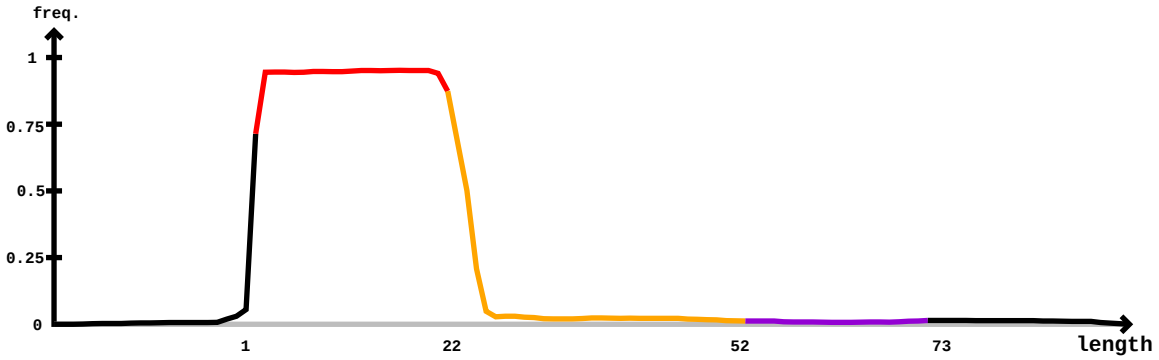
Star Mature

cauugcacagcacacccauacaauuuauuuucaggccuuuucaaaaggguuagauaucauuaacauacauuuacccccuucgaaaaggcuagaaaauacugcgugugaauuca

.....uuaccccuAcgaaaaggcuaga.....	2	1	c09
.....uuaccccuucgaaaaggcuaga.....	640	0	c09
.....uuaccccuucUaaaaggcuaga.....	1	1	c09
.....uuacAccuucgaaaaggcuaga.....	3	1	c09
.....uuaccccuucgaaaaggcuagaU.....	23	1	c09
.....uuaccccuucgaaaaggcuagaa.....	13	0	c09
.....uuaccccuucgaaaaggcuagaG.....	1	1	c09
.....uuaccccuucgaaaaggcuagaC.....	2	1	c09
.....uuaccccuucgaaaaggcuagaUaa.....	1	1	c09
.....uacAccuucgaaaaggcuag.....	1	1	c09
.....Gaccccuucgaaaaggcuaga.....	1	1	c09
.....uaccccuucgaaaaggcuaga.....	12	0	c09
.....uaccccuucgaaaaggcuagaa.....	5	0	c09
.....uaccccuucgaaaaggcuagaC.....	1	1	c09
.....uaccccuucgaaaaggcuagaaa.....	1	0	c09
.....uaccccuucgaaaaggcuagaaU.....	1	1	c09
.....uaccccuucgaaaaggcuagaaC.....	1	1	c09
.....ccccuucgaaaaggcuaga.....	2	0	c09
.....cccuucgaaaaggcuaga.....	3	0	c09

Provisional ID	:	group16_27173
Score total	:	665.6
Score for star read(s)	:	3.9
Score for read counts	:	663.4
Score for mfe	:	-2.4
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	1313
Mature read count	:	1284
Loop read count	:	26
Star read count	:	3





Mature **Star**

```
5'- aacgacuagguugguuugcgugggugacgguggguggguugugagguugaugcggaaguauaugaaaaauucuaauucacgguuauucaagauaccuaauacugaaccguc  -3'   obs
    aacgacuagguugguuugcgugggugacgguggguggguugugagguugaugcggaaguauaugaaaaauucuaauucacgguuauucaagauaccuaauacugaaccguc        exp
    ...(((..(((((((.....(((((((.(((((.............((((....))))..............))))))).)))))))....)))........)))))))   reads     mm        sample
    ..cgacuagguugguuugcgug.....................................................................................   1         0         c15
    ..cgacuGgguugguuugcgugg....................................................................................   1         1         c15
    ...gacuagguugguuugcgugg....................................................................................   1         0         c15
    ......uagguugguuugcgugggua.................................................................................   1         0         c15
    ......uagguugguuugcgugggugacggug...........................................................................   1         0         c15
    .......Ggguugguuugcgugggua.................................................................................   1         1         c15
    ..........uugguuugcgugggugacggugggug.......................................................................   1         0         c15
    ................ugcgugggugacgguggguggguu...................................................................   2         0         c15
    ................ugcgugggugacgguggguggguug..................................................................   1         0         c15
    ................ugcgugggugacgguggguggguugu.................................................................   2         0         c15
    ................ugcgugggugacgguggguggguuguA................................................................   1         1         c15
    ................ugcgugggugacgguggguggguugug................................................................   2         0         c15
    ................ugcgugggugacgguggguggAguuguga..............................................................   1         1         c15
    ................ugcgugggugacgguggguggguuguga................................................................   2         0         c15
    ................ugcgugggugacgguggguggguuguAa................................................................   3         1         c15
    ................ugcgugggugacgguggguggguugugaA...............................................................   1         1         c15
    ................gcgugggugacgguggguggguu.....................................................................   2         0         c15
    ................gcgugggugacgguggguggguug....................................................................   1         0         c15
    ................gcgugggugacgguggguggguugu...................................................................   4         0         c15
    ................gcgugggugacgguggguggguuguA..................................................................   1         1         c15
    ................gcgugggugacgguggguggguugug..................................................................   2         0         c15
    ................gcgugggugacgguggguggguuguAa.................................................................   1         1         c15
    ................gcgugggugacgguggguggguuguga.................................................................   1         0         c15
    ................gcgugggugacgguggguggguugugaA................................................................   1         1         c15
    ................cgugggugacgguggguggu........................................................................   1         0         c15
    ................cgugggugacggCgggugguu.......................................................................   1         1         c15
    ................cgugggugacgguggguggguu......................................................................   3         0         c15
    ................cgugggugacgguggguggguug.....................................................................   2         0         c15
    ................cgugggugacgguggguggguugu....................................................................   1         0         c15
    ................cgugggugacgguggguggguugug...................................................................   5         0         c15
    ................cgugggugacgguggguggguuguA...................................................................   1         1         c15
    ................cgugggugacgguggguggguugugU...................................................................   1         1         c15
    ................cgugggugacgguggguggguuguAa..................................................................   9         1         c15
```

Mature Star

aacgacuagguugguuugcgugggugacgguggguggguugugagguugaugcggaaguauaugaaaaauucuaauucacgguuauucaagauaccuaauacugaaccguc

.....cgugggugacgguggguggguuguga.....	1	0	c15
.....cgugggugacgguggguggguuugaA.....	2	1	c15
.....cgugggugacgguggguggguuugagguug.....	1	0	c15
.....gugggugacgguggguugg.....	1	0	c15
.....gugggugacgguggguuggu.....	9	0	c15
.....gugggugacgguggguggguu.....	53	0	c15
.....gugggugacgguggguggguA.....	1	1	c15
.....gugggugacggCgguggguug.....	1	1	c15
.....gGgggugacgguggguggguug.....	1	1	c15
.....gugggGgacgguggguggguug.....	1	1	c15
.....gugggugacgguggguggguug.....	296	0	c15
.....Uugggugacgguggguggguug.....	1	1	c15
.....gugggugacggugCguggguug.....	1	1	c15
.....gugggugacgguggguggguuA.....	25	1	c15
.....gugggugacgguggguggguugA.....	3	1	c15
.....gugggugacggAgggguggguu.....	1	1	c15
.....gugggugacgguggguggguugu.....	32	0	c15
.....gugggugacgguggguggguugC.....	2	1	c15
.....gCgggugacgguggguggguugug.....	1	1	c15
.....gugggugacgguggguggguuguA.....	24	1	c15
.....gugggugacgguggguggguugug.....	150	0	c15
.....gugggugGcgguggguggguugug.....	1	1	c15
.....gugggugacgguggguggguuguU.....	4	1	c15
.....Augggugacgguggguggguugug.....	1	1	c15
.....gugggugacggGgggguggguuguga.....	1	1	c15
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.....gugggugacgguggguggguuguAa.....	118	1	c15
.....gugggugacgguggggGgguuguga.....	1	1	c15
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.....gugggugacgguggguggguugugaA.....	27	1	c15
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.....ugggugacgguggguggguuA.....	4	1	c15
.....ugggugacgguggguggguugu.....	9	0	c15
.....ugggugacgguggguggguugug.....	145	0	c15
.....ugggugacgguggguggguuguA.....	6	1	c15
.....ugggugGcgguggguggguugug.....	1	1	c15
.....ugggugacgguggguggguugGg.....	1	1	c15
.....ugggugacgguggguAguugug.....	1	1	c15
.....ugAgugacgguggguggguugug.....	1	1	c15
.....ugggCgacgguggguggguugug.....	1	1	c15
.....ugggugacgguggguggguugugC.....	1	1	c15
.....ugggugacgguggguggguuguga.....	1	0	c15
.....ugggugacgguggguggguugugU.....	1	1	c15
.....ugggugacgguggguggguugugagg.....	1	0	c15
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.....ugguugugagguugaugcg.....	1	0	c15
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.....guugugagguugaugcggaa.....	1	0	c15
.....uugugagguugaugcggaag.....	1	0	c15
.....uugugagguugaugcggaaguauaugaa.....	1	0	c15
.....gugagguugaugcggaagua.....	2	0	c15

Mature **Star**

```
aacgacuagguugguuugcgugggugacgguggguggguugugagguugaugcggaaguauaugaaaaauucuaauucacgguuauucaagauaccuaauacugaaccguc
.....ugagguugaugcggaaguaua.....  1  0  c15
.....ugagguugaugcggaaguGuau.....  1  1  c15
.....ugagguugaugcggaaguauaugaaaaa.....  1  0  c15
.....guugaugcggaaguauauga.....  2  0  c15
.....guugaugcggaGguauauga.....  1  1  c15
.....uugaugcggaaguauaugaa.....  1  0  c15
.....uugaugcggaaguauaugaaU.....  2  1  c15
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.....augcggaaguauaugaaaaau.....  1  0  c15
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.....aaguauaugaaaaauucuaau.....  1  0  c15
.....auaugaaaaauucuaauuca.....  1  0  c15
.....uaugaaaaauucuaauucac.....  1  0  c15
.....ugaaaaauucuaauucacgg.....  1  0  c15
.....aaauucuaauucacgguuau.....  1  0  c15
.....cuaauucacgguuauucaag.....  1  0  c15
.....uaauucacgguuauucaagaA.....  1  1  c15
.....uucacgguuauucaagauac.....  1  0  c15
.....acgguuauucaagauaccuaauacugaacc...  1  0  c15
.....uuauucaagauaccuaauac.....  1  0  c15
.....uauucaagauGccuaauac.....  1  1  c15
.....uauucaagauaccuaauacugaacc...  1  0  c15
.....auucaagauaccuaauacug.....  1  0  c15
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.....cGagauaccuaauacugaacc...  1  1  c15
.....caagauaccuaauacugaaccg..  1  0  c15
.....aagauaccuaauacugaacc...  2  0  c15
.....aagauaccuaauGcugaaccg..  1  1  c15
.....agauaccuaauacugaaccg..  1  0  c15
.....gauaccuaauacugaaccgu.  3  0  c15
.....gauaccuaauacugaaccguc  1  0  c15
.....auaccuaauacugaaccguc  2  0  c15

.....guugguuugcgugggugacgguggguggguugu.....  1  0  c02
.....uugcgugggugacgguggguggguugugagguugaugcgg.....  1  0  c02
.....ugcgugggugacgguggguggguugugagguuga.....  1  0  c02
.....gugggugacgguggguggu.....  1  0  c02
.....gugggugacgguggguggguu.....  2  0  c02
.....gugggugacgguggguggguug.....  6  0  c02
.....gugggugacgguggguggguuU.....  1  1  c02
.....Uugggugacgguggguggguug.....  1  1  c02
.....gugggugacgguggguggguugu.....  2  0  c02
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.....ugggugacggugggugUuugug.....  1  1  c02
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.....gaaaaauucuaauucacggu.....  1  0  c02
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.....cgugggugacgguggguggguugu.....  1  0  c16
.....gugggugacgguggguggguu.....  8  0  c16
.....gugggugacgguggguggguug.....  7  0  c16
.....gugggugacgguggguggguugu.....  1  0  c16
```

Mature Star

```
aacgacuagguugguuugcgugggugacgguggguggguugugagguugaugcggaaguauaugaaaaauucuaauucacgguuauucaagauaccuaauacugaaccguc
..................gugggugacgguggguggguugug.....................................................................  3  0  c16
..................Ggggugacgguggguggguu.........................................................................  1  1  c16
..................ugggugacgguggguggguug........................................................................  4  0  c16
..................ugggugacgguggguggguugu.......................................................................  2  0  c16
..................ugggugacgguggguggguugug......................................................................  11 0  c16
..................Ggggugacgguggguggguugug......................................................................  2  1  c16
..................ugggugacgguggguggguugugagguug................................................................  1  0  c16

.................cgugggugacgguggguggguugu.....................................................................  1  0  c04
..................gugggugacgguggguggguu........................................................................  1  0  c04
..................gugggugacgguggguggguu........................................................................  1  0  c04
..................gugggugacgguggguggguug.......................................................................  1  0  c04
.....................................................uaugaaaaauucuaauucacgguua.....................................  1  0  c04

.acgacuagguugguuugcgugggu.....................................................................................  1  0  c09
................ugcgugggugacgguggguu..........................................................................  1  0  c09
.................gcgugggugacgguggguu..........................................................................  1  0  c09
.................cgugggugacgguggguugg.........................................................................  1  0  c09
..................gugggugacgguggguggu.........................................................................  2  0  c09
..................gugggugacgguggguggguu.......................................................................  17 0  c09
..................gugggugacgguggguggguug......................................................................  12 0  c09
..................gugggugacgguggguggAug........................................................................  1  1  c09
..................gugggugacgguggguggguugu.....................................................................  4  0  c09
..................gugggugacgguggguggguugug....................................................................  4  0  c09
..................ugggugacgguggguggu...........................................................................  1  0  c09
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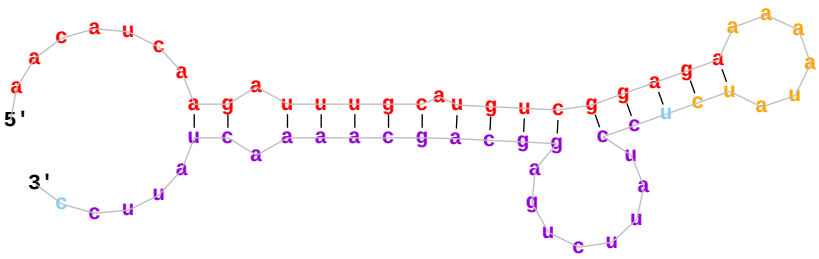
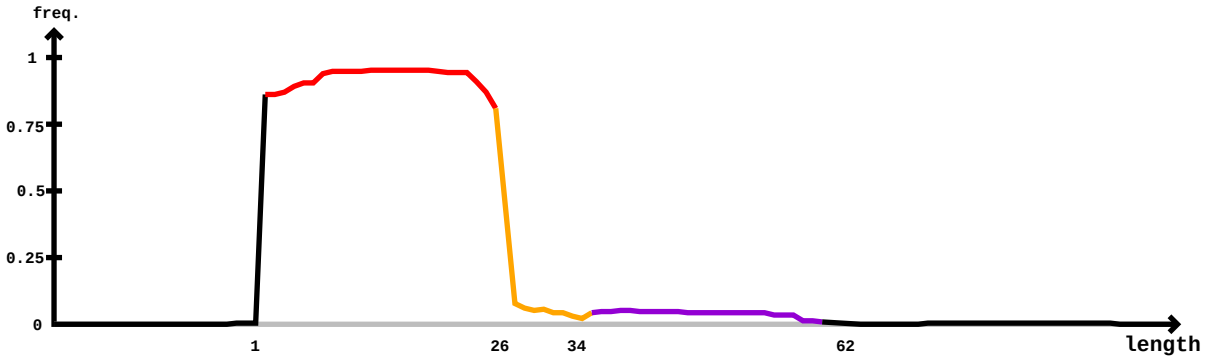
..................ugggugacgguggguguCuugug......................................................................  1  1  c09
..................ugggugacgguggguggguugug.....................................................................  15 0  c09
..................ugUgugacgguggguggguugug.....................................................................  1  1  c09
.............................................ugcggaaguauaugaaaaauucuaauucacgguuauucaa.....................  1  0  c09
```

Provisional ID	:	group16_27283
Score total	:	106
Score for star read(s)	:	3.9
Score for read counts	:	105.7
Score for mfe	:	-0.6
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	219
Mature read count	:	212
Loop read count	:	0
Star read count	:	7





Mature **Star**

```
5'- cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc  -3'   obs
    cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc        exp
    .(((....)))...(((.((((.....((.((((((.((((((((((......)))))........)))))))))..)).)))))))))(((.(((....))).)))).....  reads     mm      sample
    ....................aacaucaagauuugcaug.....................................................................................  1         0       c16
    ....................Cacaucaagauuugcaugucgga.................................................................................  1         1       c16
    ....................aacaucaagaAuugcaugucggag................................................................................  1         1       c16
    ....................aacaucaagauuugcaugucggaga...............................................................................  34        0       c16
    ....................Cacaucaagauuugcaugucggaga...............................................................................  2         1       c16
    ....................aacaucaagauuugAaugucggagaa..............................................................................  1         1       c16
    ....................Cacaucaagauuugcaugucggagaa..............................................................................  4         1       c16
    ....................aacaucaagauuugcaugucUgagaa..............................................................................  1         1       c16
    ....................aacaucaagauuugcaugucggagaa..............................................................................  38        0       c16
    ....................aacaucaagauuugcaugucggagaaa.............................................................................  3         0       c16
    ....................aacaucaagauuugcaugucggagaaU.............................................................................  1         1       c16
    ......................Uaucaagauuugcaugucggagaa..............................................................................  1         1       c16
    ......................Cucaagauuugcaugucggagaa...............................................................................  1         1       c16
    ........................aagCuuugcaugucggag....................................................................................  1         1       c16
    ........................aagauuugcaugucggagaaaaau..............................................................................  2         0       c16
    ........................aagauuugcaugucggagaaaaauau............................................................................  2         0       c16
    ........................aagauuAgcaugucggagaaaaauauc...........................................................................  1         1       c16
    ........................aagauuugcaugucggagaaaaauauc...........................................................................  1         0       c16
    ..........................agauuugcaugucggagaa.................................................................................  1         0       c16
    ............................uugcaugucggagaaaaauaucuccuauucuga..................................................................  1         0       c16
    ..................................................Gaucuccuauucugaggcagcaaaacu.....................................................  1         1       c16
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    ....................................................ccuaCucugaggcagcaaa...........................................................  1         1       c16
    ....................................................ccuauucugaggcagcaaaacu........................................................  1         0       c16
    ....................................................ccuauucugaggcagcaaaacuauuc....................................................  2         0       c16
    ......................................................auucAgaggcagcaaaacuau.......................................................  1         1       c16

    ..................aggaacaucaagauuugcaugu..............................................................................  1         0       c04
    ....................aacaucaagauuAgcaugucgg.............................................................................  1         1       c04
    ....................aacaucaagauuugcaugucgg.............................................................................  7         0       c04
    ....................aacaucaagauuugcaugucgga............................................................................  6         0       c04
    ....................aacaucaagauuugcaugucggag...........................................................................  5         0       c04
    ....................aacaucaagauuugcaugucggaA...........................................................................  4         1       c04
```

Mature
Star
cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc
.....Cacaucaagauuugcaugucggag..... 1 1 c04
.....aacaucaagauuAgcaugucggag..... 1 1 c04
.....aacaucaagauuugcaugucggaga..... 41 0 c04
.....aacaucaagauuugcaugucggaAa..... 1 1 c04
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.....aacaucaagauuugcaugucggagaa..... 30 0 c04
.....aacaucaagauuAgcaugucggagaa..... 5 1 c04
.....Cacaucaagauuugcaugucggagaa..... 1 1 c04
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.....aucaagauuugcaugucggaA..... 1 1 c04
.....aucaagauuugcaugucggaga..... 1 0 c04
.....aucaagauuAgcaugucggagaa..... 1 1 c04
.....ucaagauuugcaugucgga..... 1 0 c04
.....ucaagauuugcaugucggagaaaaa..... 1 0 c04
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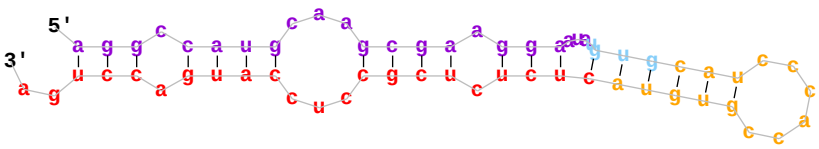
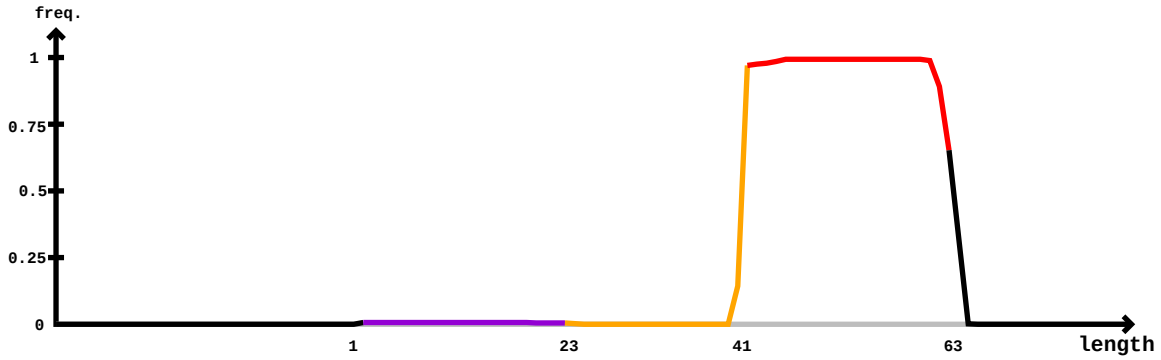
.....aagauuugcaugucggagaaaaauaA..... 1 1 c04
.....uaucuccuauucugaggcagcaaaacu..... 1 0 c04
.....ccuaCucugaggcagcaaa..... 1 1 c04
.....agauuugcaugucAgaga..... 1 1 c09
.....cuauucAgaggcagcaaaacu..... 1 1 c15
.....aagaaaucuuucgcugaugu..... 1 0 c15

Provisional ID	:	group17_27643
Score total	:	310.3
Score for star read(s)	:	3.9
Score for read counts	:	303.5
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	607
Mature read count	:	603
Loop read count	:	0
Star read count	:	4





Star **Mature**

```
5'- gcggaguguuccgguauugcucugcucccucaggccaugcaagcgaaggaaauaugugcaucccaccgguacucucucgccuccaugaccugaggaaccgagcagauucaa  -3'   obs
    gcggaguguuccgguauugcucugcucccucaggccaugcaagcgaaggaauaugugcaucccaccgguacucucucgccuccaugaccugaggaaccgagcagauucaa        exp
    .((((....)))).....(((((.(.(((((((((.((((...((((.(((....((((((......)))))))))).))))...)))).)))))))).).)))))....... reads     mm        sample
    ..........................................................................cucucucgccuccaugaccuga..................  1         0         c04

    ..........................................................................acucucucgccuccaugaccu...................  1         0         c16
    ..........................................................................Ccucucucgccuccaugaccug...................  1         1         c16
    ..........................................................................acucucucgccuccaugaccug...................  1         0         c16
    ..........................................................................cucucucgccuccaugaccu.....................  2         0         c16
    ..........................................................................cucucucgccuccaugaccug....................  4         0         c16
    ..........................................................................cucucucgccuccaugaccuga...................  12        0         c16
    ..........................................................................cucucucgccuccaugaccugaU..................  3         1         c16
    ..........................................................................cucucucgccuccaugaccugaA..................  16        1         c16
    ..........................................................................ucucucgccuccaugaccugaA...................  1         1         c16

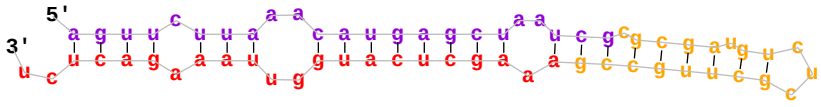
    ............................aggccaugcaagcgaagg.............................................................................  1         0         c09
    ............................aggccaugcaagcgaaggaaua.........................................................................  1         0         c09
    ..........................................................................acucucucgccuccaugacc.....................  1         0         c09
    ..........................................................................Ccucucucgccuccaugaccu.....................  1         1         c09
    ..........................................................................acucucucgccuccaugaccu.....................  7         0         c09
    ..........................................................................acucucucgccuccaugaccug....................  10        0         c09
    ..........................................................................acucucucgccuccaugaccuU....................  1         1         c09
    ..........................................................................Ccucucucgccuccaugaccug....................  3         1         c09
    ..........................................................................acucucucgccuccaugaccuga...................  1         0         c09
    ..........................................................................Ccucucucgccuccaugaccuga...................  1         1         c09
    ..........................................................................acucucucgccuccaugaccugU...................  1         1         c09
    ..........................................................................cucucucgccuccaugacc.......................  1         0         c09
    ..........................................................................cucucucgccuccaugaccu......................  9         0         c09
    ..........................................................................cucucucgccuccaugaccug.....................  36        0         c09
    ..........................................................................cucucucgccuccaugaccuU.....................  2         1         c09
    ..........................................................................cucucucAccuccaugaccuga....................  1         1         c09
    ..........................................................................cucucucgccuccaugaccugU....................  9         1         c09
    ..........................................................................cucucucgccuccaugaccuga....................  78        0         c09
    ..........................................................................cucucucgccuccaugacAuga....................  1         1         c09
    ..........................................................................cucucucgccuccaugaccugaU...................  24        1         c09
    ..........................................................................cucucucgccuccaugaccugaA...................  11        1         c09
```

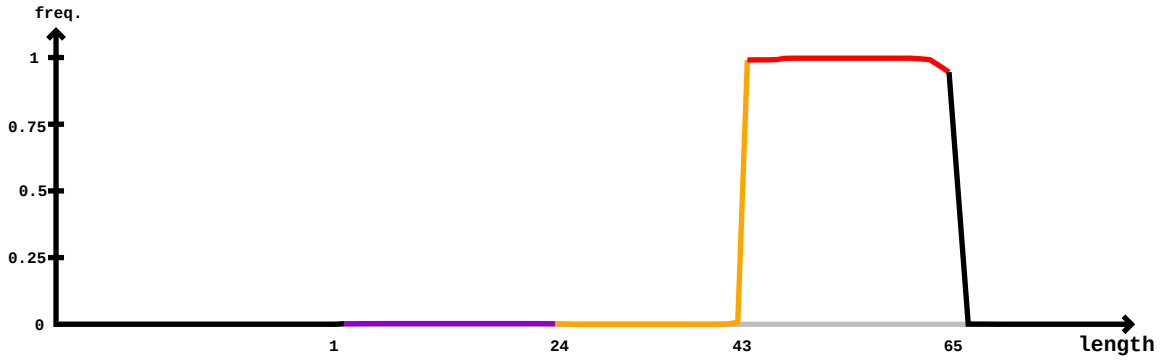
Star Mature

gcggaguguuccgguauugcucugcuccucaggccaugcaagcgaaggaaauaugugcaucccaccgguacucucucgccuccaugaccugaggaaccgagcagauucaa

.....cucucucgccuccaugaccugaC.....	1	1	c09
.....cucucucgccuccaugaccugagg.....	1	0	c09
.....ucucucgccuccaugaccuga.....	1	0	c09
.....ucucgccuccaugaccug.....	2	0	c09
.....cucgccuccaugaccuga.....	3	0	c09
.....aggccaugcaagcgaaggaaua.....	2	0	c15
.....acucucucgccuccaugaccuga.....	4	0	c15
.....cucucucgccuccaugaccug.....	2	0	c15
.....cCcucucgccuccaugaccug.....	1	1	c15
.....cucucucgccuccaugaccuAa.....	1	1	c15
.....cucucucgccuccaugaccugU.....	1	1	c15
.....cucucucgccuccaugaccuga.....	38	0	c15
.....cucucucgccuccaugaccugaU.....	8	1	c15
.....acucucucgccuccaugacc.....	1	0	c02
.....Ccucucucgccuccaugaccu.....	3	1	c02
.....acucucucUccuccaugaccu.....	1	1	c02
.....acucucucgccuccaugaccu.....	9	0	c02
.....acucucucgccuccaugaccuC.....	1	1	c02
.....Ccucucucgccuccaugaccug.....	7	1	c02
.....acucucucgccuccaugaccug.....	23	0	c02
.....acucucucgccuccaugaccuga.....	3	0	c02
.....acucucucgccuccaugaccugU.....	6	1	c02
.....cucucucgccuccaugaccu.....	25	0	c02
.....cucucucgccuccaugCccug.....	3	1	c02
.....cucucucgccuccaugaccug.....	47	0	c02
.....cucucucgccuccCugaccuga.....	1	1	c02
.....cucucucgccuccUugaccuga.....	1	1	c02
.....cucCcucgccuccaugaccuga.....	1	1	c02
.....cucucucgccAccaugaccuga.....	1	1	c02
.....cucucucgccuccaugaccugC.....	1	1	c02
.....cucucucgccuccaugaccugU.....	29	1	c02
.....cuAucucgccuccaugaccuga.....	1	1	c02
.....cucucucgccuccaugaccuga.....	67	0	c02
.....cucucucgccuccaugaccugaA.....	18	1	c02
.....cucucucgccuccaugaccugaC.....	1	1	c02
.....cucucucgccuccaugaccugaU.....	43	1	c02
.....ucucucgccuccaugaccugU.....	1	1	c02
.....cucucgccuccaugaccu.....	1	0	c02
.....cucucgccuccaugaccug.....	1	0	c02
.....ucucgccuccaugaccuga.....	1	0	c02
.....ucucgccuccaugaccugaA.....	1	1	c02
.....cucgccuccaugaccuga.....	2	0	c02

Provisional ID	:	group17_27659
Score total	:	3832.6
Score for star read(s)	:	3.9
Score for read counts	:	3822.8
Score for mfe	:	1.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	7510
Mature read count	:	7491
Loop read count	:	0
Star read count	:	19





Star **Mature**

```
5'- aagaccgaaaugcauacgacucgugcgaaguucuuaaacaugagcuaaucgcgcgaugucucgcuugccgaaagcucaugguuaaagacucugcuugugucgcaaacgca  -3'   obs
    aagaccgaaaugcauacgacucgugcgaaguucuuaaacaugagcuaaucgcgcgaugucucgcuugccgaaagcucaugguuaaagacucugcuugugucgcaaacgca        exp
    ..........(((...((((.((.(((.((((.(((..((((((((..(((.((((.((...)))))))))..)))))))).))))..))).))))).....)))   reads     mm        sample
    ..............................ucuuaaacaugagcuaaucg.....................................................................  1         0         c09
    ...........................................................cGgaaagcucaugguuaaagacucu.....................  1         1         c09
    ............................................................Ggaaagcucaugguuaaagacu.......................  1         1         c09
    ............................................................cgaaagcucaugguuaaagacu.......................  1         0         c09
    ..............................................................gaaagcucaugguuaaaga.........................  1         0         c09
    ..............................................................gaaagcucaugguuaaagacucu.....................  1         0         c09
    ................................................................aaagcucaugguuaaaga.........................  3         0         c09
    ................................................................aaagUucaugguuaaaga.........................  1         1         c09
    ................................................................aaagcucaugguuaaagac.........................  3         0         c09
    ................................................................aaaAcucaugguuaaagacu.......................  1         1         c09
    ................................................................aaagcucaugguuaaagCcu.......................  1         1         c09
    ................................................................aaagcucaugguuaaagacu.......................  26        0         c09
    ................................................................Caagcucaugguuaaagacuc.......................  1         1         c09
    ................................................................aaagcucaugguuaaagacuc.......................  21        0         c09
    ................................................................aaagcucaugUuuaaagacucu.....................  1         1         c09
    ................................................................aaagcucaugguuaaagacuAu.....................  1         1         c09
    ................................................................aaagcucaugguuaaagacAcu.....................  1         1         c09
    ................................................................aaagcucaugguuaaagacucu.....................  545       0         c09
    ................................................................aaagcucauCguuaaagacucu.....................  1         1         c09
    ................................................................aaagcuAaugguuaaagacucu.....................  1         1         c09
    ................................................................Caagcucaugguuaaagacucu.....................  8         1         c09
    ................................................................aaagcucaugguuaaagCcucu.....................  4         1         c09
    ................................................................aGagcucaugguuaaagacucu.....................  1         1         c09
    ................................................................aaagcucaugguuaaaCacucu.....................  1         1         c09
    ................................................................aaagcucaugguuaaagAucu.....................  1         1         c09
    ................................................................aaagcucaugguuaaagacucC.....................  15        1         c09
    ................................................................aaagcucaugCuuaaagacucu.....................  1         1         c09
    ................................................................aaagAucaugguuaaagacucu.....................  1         1         c09
    ................................................................aaaUcucaugguuaaagacucu.....................  1         1         c09
    ................................................................aaagcucaugguuaaagacucA.....................  1         1         c09
    ................................................................aaagcucaugguuaaagacucuA....................  7         1         c09
    ................................................................aaagcucaugguuaaagacucuU....................  8         1         c09
    ...............................................................cucaugguuaaagacucu.....................  5         0         c09
```

Star Mature

aagaccgaaaugcauacgacucgugcgaaguucuuaaacaugagcuaaucgcgcgaugucucgcuugccgaaagcucaugguuaaagacucugcuugugucgcaaacgca

.....cucaugguuaaUgacucu.....	1	1	c09
.....cucaugguuaaagacucuU.....	1	1	c09
.....Cguucuuaaacaugagcuaau.....	1	1	c16
.....aguucuuaaacaugagcuaauc.....	1	0	c16
.....agAucuuaaacaugagcuaaucg.....	1	1	c16
.....aguucuuaaacaugagcuaaucg.....	10	0	c16
.....uucuuaaacaugagcuaau.....	1	0	c16
.....Aucuuaaacaugagcuaauc.....	1	1	c16
.....cuuaaacaugagcuaaucg.....	1	0	c16
.....ugccgaaagcucaugguuaaagacucu.....	1	0	c16
.....cgaaagcucaugguuaaagacuc.....	1	0	c16
.....cgaaagcucaugguuaaagacucu.....	2	0	c16
.....gaaagcucaugguuaaagacucu.....	29	0	c16
.....Caaagcucaugguuaaagacucu.....	1	1	c16
.....gaaagcucaugguuaaagacucuA.....	2	1	c16
.....gaaagcucaugguuaaagacucuU.....	1	1	c16
.....aaagcucaugguuaaaga.....	9	0	c16
.....Caagcucaugguuaaaga.....	1	1	c16
.....aaagcucaugguuaaagac.....	17	0	c16
.....Caagcucaugguuaaagac.....	2	1	c16
.....aaagcucaugguuaaaCacu.....	1	1	c16
.....aaagcucaugguuaaGgacu.....	1	1	c16
.....aaagcucauUguuaaagacu.....	1	1	c16
.....aaagcucaugguuaCagacu.....	1	1	c16
.....Caagcucaugguuaaagacu.....	3	1	c16
.....aaagcucaugguuaaagacu.....	92	0	c16
.....aaaCcucaugguuaaagacu.....	1	1	c16
.....aaagcucauggAuaaagacuc.....	1	1	c16
.....aaagcucaugguuaaagCcuc.....	1	1	c16
.....aaagcuAaugguuaaagacuc.....	1	1	c16
.....aaagcucaugguuaaagaAuc.....	1	1	c16
.....Caagcucaugguuaaagacuc.....	3	1	c16
.....aaagcucaugguuaaagacuc.....	110	0	c16
.....aaCgcucaugguuaaagacucu.....	2	1	c16
.....aaagcucauUguuaaagacucu.....	3	1	c16
.....aaagcucaugguuaaGgacucu.....	3	1	c16
.....aGagcucaugguuaaagacucu.....	1	1	c16
.....aaagcuUaugguuaaagacucu.....	2	1	c16
.....aaagcucaugguuaaagCcucu.....	27	1	c16
.....aaagcucaugguuUaagacucu.....	1	1	c16
.....aaagcucauggGuaaagacucu.....	1	1	c16
.....aaagcucaugguAaaagacucu.....	2	1	c16
.....Uaagcucaugguuaaagacucu.....	1	1	c16
.....aaagcucaugguuaaagacucC.....	32	1	c16
.....aaagcucaugguuaaaCacucu.....	1	1	c16
.....aaagcuGaugguuaaagacucu.....	1	1	c16
.....aaagcucaugguuaaagUcucu.....	1	1	c16
.....aaagcucaugguCaaagacucu.....	1	1	c16
.....aaagcAcaugguuaaagacucu.....	4	1	c16
.....aaagcucaugguuaaagaAucu.....	6	1	c16
.....aaaAcucaugguuaaagacucu.....	1	1	c16
.....aaagcucaugguuaaagacucG.....	2	1	c16
.....aaagcucaugguuaaagacucA.....	13	1	c16
.....aaGgcucaugguuaaagacucu.....	1	1	c16
.....Gaagcucaugguuaaagacucu.....	2	1	c16
.....aaagcucaugguuaaagGcucu.....	1	1	c16
.....aaagcucaugguuaaaUacucu.....	6	1	c16
.....aaagcuAaugguuaaagacucu.....	11	1	c16
.....aaagcucaugguuaaagacCcu.....	1	1	c16
.....Caagcucaugguuaaagacucu.....	223	1	c16
.....aaagcucauggAuaaagacucu.....	9	1	c16
.....aaagcucaugguuGaagacucu.....	1	1	c16
.....aaagcucauCguuaaagacucu.....	3	1	c16
.....aaagcucauggCuaaagacucu.....	2	1	c16
.....aaagcucaugguuaUagacucu.....	2	1	c16
.....aaagcucaugguuaaagacuGu.....	1	1	c16
.....aaagcucaGgguuaaagacucu.....	1	1	c16
.....aaagcucaugguuaaagacucu.....	4131	0	c16
.....aaagcucaugguuaaCgacucu.....	1	1	c16

Star Mature

aagaccgaaaugcauacgacucgugcgaaguucuuaaacaugagcuaaucgcgcgaugucucgcuugccgaaagcucaugguuaaagacucugcuugugucgcaaacgca

.....aaagcucaAgguuaaagacucu.....	4	1	c16
.....aaagAucaugguuaaagacucu.....	4	1	c16
.....aaagcCcaugguuaaagacucu.....	1	1	c16
.....aaaCcucaugguuaaagacucu.....	2	1	c16
.....aCagcucaugguuaaagacucu.....	2	1	c16
.....aaagcucaugUuuaaagacucu.....	4	1	c16
.....aaagcucaugguuaaagacuAu.....	6	1	c16
.....aaagcucaugguuaaagaUucu.....	1	1	c16
.....aaagUucaugguuaaagacucu.....	1	1	c16
.....aaagcucaugCuuaaagacucu.....	10	1	c16
.....aaagcucaugguuaaagacAcu.....	2	1	c16
.....aaagcucaugguuaCagacucu.....	1	1	c16
.....aaagcucGugguuaaagacucu.....	3	1	c16
.....aaagcucaugguuaaagacucuA.....	60	1	c16
.....aaagcucaugguuaaagacucug.....	3	0	c16
.....aaagcucaugguuaaagacucuC.....	8	1	c16
.....Caagcucaugguuaaagacucug.....	1	1	c16
.....aaagcucaugguuaaagacucuU.....	95	1	c16
.....aaagcucaugguuaaagacucugc.....	1	0	c16
.....aaagcucaugguuaaagacucuUc.....	1	1	c16
.....aagcucaugguuaaagacu.....	1	0	c16
.....aagcucaugguuaaagacucu.....	2	0	c16
.....Cgcucaugguuaaagacucu.....	1	1	c16
.....gcucaugguuaaagacucu.....	2	0	c16
.....Acucaugguuaaagacucu.....	1	1	c16
.....Ccucaugguuaaagacucu.....	1	1	c16
.....cucaugguuaaagacucu.....	13	0	c16
.....cucaugguuaaagacucuU.....	1	1	c16
.....cucaugguuaaagacucugcuu.....	2	0	c16
.....cucaugguuaaagacucugcuuU.....	1	1	c16
.....ucaugguuaaagacucuU.....	1	1	c16
.....ucaugguuaaagacucuA.....	1	1	c16

.....gaaagcucaugguuaaagacu.....	1	0	c04
.....aaagcucaugguuaaaga.....	2	0	c04
.....aaagcucaugguuaaagacu.....	7	0	c04
.....aaagcucaugguuaaagacuc.....	8	0	c04
.....aaagcucaugguuaaagaAucu.....	1	1	c04
.....aaagcucaugCuuaaagacucu.....	1	1	c04
.....aaagcucaugguuaaagacucu.....	149	0	c04
.....aaagcucaugguuaaagacucA.....	1	1	c04
.....aaagcucaugguuaaCgacucu.....	1	1	c04
.....Caagcucaugguuaaagacucu.....	1	1	c04
.....aaagcucaugguuaaagacucC.....	3	1	c04
.....aaagcucaugguuaaagacucuA.....	1	1	c04
.....aaagcucaugguuaaagacucuU.....	2	1	c04

.....aguucuuaaacaugagcuaauc.....	1	0	c15
.....cgaaagcucaugguuaaagacucu.....	1	0	c15
.....gaaagcucaugguuaaagacuc.....	1	0	c15
.....gaaagcucaugguuaaagacucu.....	2	0	c15
.....gaaagcucaugguuaaagacucA.....	1	1	c15
.....aaagcucaugguuaaagacuc.....	3	0	c15
.....Uaagcucaugguuaaagacucu.....	1	1	c15
.....Gaagcucaugguuaaagacucu.....	1	1	c15
.....aaagcucauggAuaaagacucu.....	1	1	c15
.....aaagcucaugguuaaagacucG.....	1	1	c15
.....aaagcucaugguuaaagaAucu.....	1	1	c15
.....aaagcucaugguuaaagacucu.....	424	0	c15
.....aaagcucaugguuaaagacucA.....	7	1	c15
.....aaagcuUaugguuaaagacucu.....	1	1	c15
.....aaagcucauggCuaaagacucu.....	1	1	c15
.....aaagcucaugguuaGagacucu.....	1	1	c15
.....aaagcucaugguuaaagacucC.....	12	1	c15
.....aaagcucaugguuaaagacucuU.....	53	1	c15
.....aaagcucaugguuaaagacucuC.....	3	1	c15
.....aaagcucaugguuaaagacucuA.....	6	1	c15

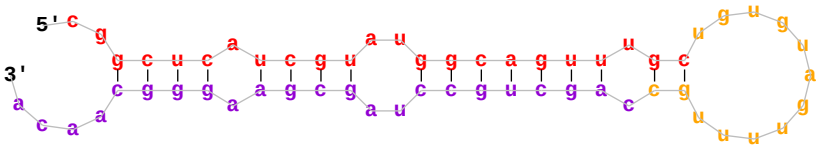
.....aguucuuaaacaugagcuaaucg.....	1	0	c02
.....cgaaagcucaugguuaaagacucu.....	2	0	c02

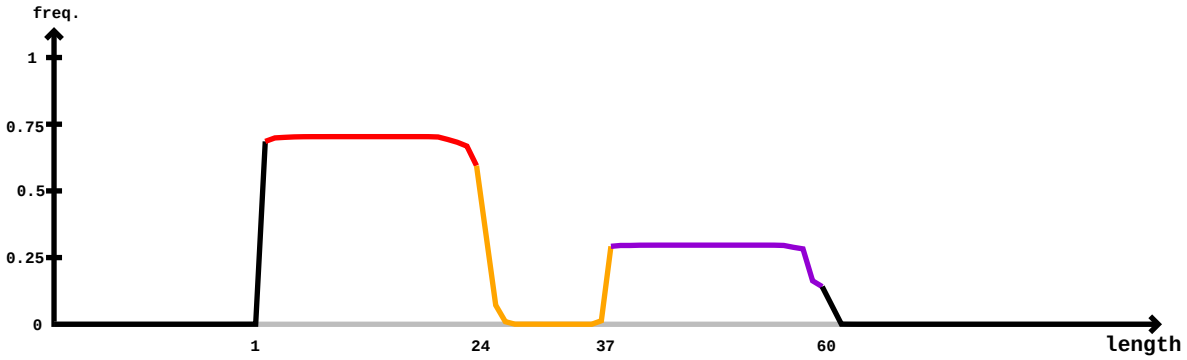
Star Mature

aagaccgaaaugcauacgacucgugcgaaguucuuaaacaugagcuaaucgcgcgaugucucgcuugccgaaagcucaugguuaaagacucugcuugugucgcaaacgca

.....gaaagcucaugguuaaagacu.....	1	0	c02
.....gaaagcucaugguuaaagacucu.....	6	0	c02
.....gaaagcucaugguuaaagacucuA.....	1	1	c02
.....aaagcucaugguuaaaga.....	1	0	c02
.....aaagcucaugguuaaagac.....	1	0	c02
.....Caagcucaugguuaaagacu.....	1	1	c02
.....aaagcucaugguuaaagacu.....	29	0	c02
.....aaaUcucaugguuaaagacu.....	1	1	c02
.....aaagcucaugguuaaagaAu.....	1	1	c02
.....aaagcucaugguuaaagacuc.....	26	0	c02
.....Caagcucaugguuaaagacuc.....	2	1	c02
.....aaagcucaugguuaaagCcucu.....	9	1	c02
.....aaagcucauggAuaaagacucu.....	1	1	c02
.....aaagcucaugUuuaaagacucu.....	1	1	c02
.....aaagcucaugCuuaaagacucu.....	2	1	c02
.....aaagcucaugguuaaagaGucu.....	1	1	c02
.....aaagcucaugguuaaagacucu.....	879	0	c02
.....aaagcucauCguuaaagacucu.....	2	1	c02
.....aaagcucaugguuaaagacuAu.....	3	1	c02
.....aaagcucaugguuaaagacucA.....	2	1	c02
.....aaagcucaugguuaaGgacucu.....	2	1	c02
.....aaagcucaugguAaaagacucu.....	1	1	c02
.....aaagcucaugguuaaagacucC.....	21	1	c02
.....aaagcucGugguuaaagacucu.....	1	1	c02
.....aaagcucaugguuaaagUcucu.....	1	1	c02
.....aaagcucUugguuaaagacucu.....	1	1	c02
.....aaagcucauUguuaaagacucu.....	1	1	c02
.....Caagcucaugguuaaagacucu.....	46	1	c02
.....aaagcucaAgguuaaagacucu.....	1	1	c02
.....aaagcuAaugguuaaagacucu.....	1	1	c02
.....aaagcucaugguuaaagacucG.....	1	1	c02
.....aaagcucaugguuaaagacucuA.....	12	1	c02
.....aaagcucaugguuaaagacucuC.....	2	1	c02
.....aaagcucaugguuaaagacucug.....	1	0	c02
.....aaagcucaugguuaaagacucuU.....	25	1	c02
.....gcucaugguuaaagacucu.....	1	0	c02
.....cucaugguuaaagacucu.....	14	0	c02
.....cucaugguuaaagacucuU.....	1	1	c02

Provisional ID	:	group17_28005
Score total	:	14395.1
Score for star read(s)	:	3.9
Score for read counts	:	14384.8
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	28227
Mature read count	:	19853
Loop read count	:	0
Star read count	:	8374





Mature **Star**

```
5'- uccauaacucuugucgguugcggcucaucguauggcaguuugcuguguaguuuugccagcugccuagcgaagggcaacaaaugacugaguuguucaacgguacaacaacaaca  -3'   obs
    uccauaacucuugucgguugcggcucaucguauggcaguuugcuguguaguuuugccagcugccuagcgaagggcaacaaaugacugaguuguucaacgguacaacaacaaca        exp
    ...(((((((..((((.(((..((((.((((..(((((((.((...........)).)))))))..))))..))))..))))..))))).)))))))..................  reads   mm   sample
    ..................cggcucaucguauggcaC..................................................................................  1       1    c09
    ..................cggcucaucguauggcag..................................................................................  18      0    c09
    ..................cggcucaucguaCggcagu.................................................................................  1       1    c09
    ..................cggcucaucguauggcagu.................................................................................  130     0    c09
    ..................cggcucaucguauggcaguu................................................................................  135     0    c09
    ..................cggcucaucguauggcaguC................................................................................  1       1    c09
    ..................cggcucaucguauggcCguu................................................................................  1       1    c09
    ..................cggcucaucguauggcaCuu................................................................................  1       1    c09
    ..................cggcucaucguauggcaUuu................................................................................  1       1    c09
    ..................cggcucaucguauggcaguAu...............................................................................  2       1    c09
    ..................cggcucaucguauggcaguuu...............................................................................  102     0    c09
    ..................cggAucaucguauggcaguuu...............................................................................  1       1    c09
    ..................cggcucaucguauggcaguuG...............................................................................  1       1    c09
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    ..................cggcucauUguauggcaguuug..............................................................................  1       1    c09
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    ..................Aggcucaucguauggcaguuug..............................................................................  1       1    c09
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    ..................cggcucaucguauggAaguuug..............................................................................  1       1    c09
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    ..................cggcuUaucguauggcaguuug..............................................................................  2       1    c09
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    ..................cggcucaucguauggcaguuugG.............................................................................  2       1    c09
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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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.....ccagcugccuagcgaagggcaaAa.....	1	1	c15
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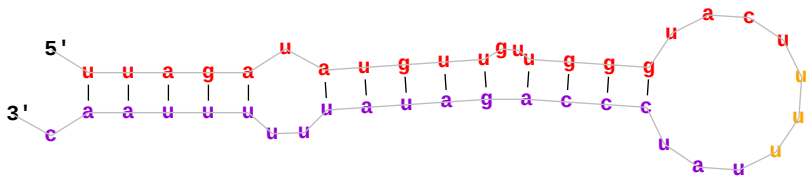
.....cagcugccuagcgaagggca.....	59	0	c15
.....cagcugccuagcgaagggcU.....	4	1	c15
.....Uagcugccuagcgaagggca.....	2	1	c15
.....cagcugccuagcgaGgggcaa.....	2	1	c15
.....cagcugcUuagcgaagggcaa.....	1	1	c15
.....cagcugccuagcgaagggcGa.....	2	1	c15
.....cagcugccuagcgaagUgcaa.....	2	1	c15
.....cagcugccuagcgaagggcaa.....	2554	0	c15
.....cagcugccCagcgaagggcaa.....	1	1	c15
.....cagcugccuagcgUagggcaa.....	1	1	c15
.....cagcugccuagcgGagggcaa.....	1	1	c15
.....cagcuAccuagcgaagggcaa.....	1	1	c15
.....cagcugccuagcgaaAggcaa.....	1	1	c15
.....cagcugccuagcgaagggcaC.....	3	1	c15
.....cagcugccuagcgaaggUcaa.....	1	1	c15
.....cGgcugccuagcgaagggcaa.....	4	1	c15
.....caAcugccuagcgaagggcaa.....	1	1	c15
.....cagcugcGuagcgaagggcaa.....	2	1	c15
.....cagcugccuagcgaagAgcaa.....	1	1	c15
.....cagcugccuaAcgaagggcaa.....	1	1	c15
.....cagcugccuagAgaagggcaa.....	1	1	c15
.....cagcugccuagcgaagggUaa.....	5	1	c15
.....cagUugccuagcgaagggcaa.....	5	1	c15
.....cagcugccuGgcgaagggcaa.....	1	1	c15
.....cagcugccuagcgaagggcaU.....	121	1	c15
.....cagcugccuagcgaagggcCa.....	2	1	c15
.....cagcugccuaUcgaagggcaa.....	4	1	c15
.....cCgcugccuagcgaagggcaa.....	1	1	c15
.....cagcugccuagcgaagggcUa.....	4	1	c15
.....cagcugUcuagcgaagggcaa.....	6	1	c15
.....cagcugccuagcgaUgggcaa.....	2	1	c15
.....Uagcugccuagcgaagggcaa.....	11	1	c15
.....cagcugccuagcgaaggCcaa.....	1	1	c15
.....Aagcugccuagcgaagggcaa.....	1	1	c15
.....cagcugccuagUgaagggcaa.....	1	1	c15
.....cagcugccuagcgaagCgcaa.....	3	1	c15
.....cagcugccuagcgaagggcaaU.....	196	1	c15
.....cagcugccuagcgaagggcaaG.....	2	1	c15
.....cagcugccuagcgaagggcaac.....	35	0	c15
.....cagcugccuagcgaagUgcaac.....	1	1	c15
.....cagcugUcuagcgaagggcaac.....	2	1	c15
.....cagcugccuaAcgaagggcaac.....	1	1	c15
.....cagcugccuagcgaagggcaaA.....	75	1	c15
.....cagcugccuagcgaagggUaac.....	2	1	c15
.....cagcugccuagcgaagggcaaUa.....	11	1	c15

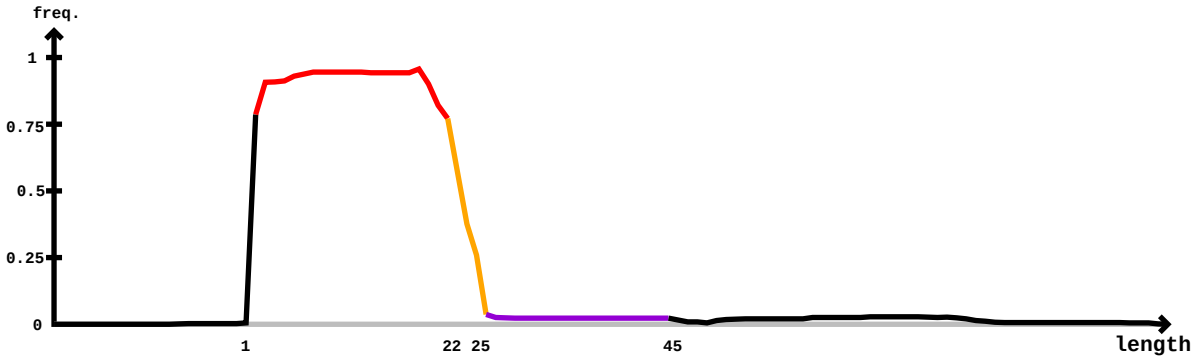
Mature Star

uccauaacucuugucgguugcggcucaucguauggcaguuugcuguguaguuuugccagcugccuagcgaagggcaacaaaugacugaguuguucaacgguacaacaacaaca

.....cagcuAccuagcgaagggcaaca.....	3	1	c15
.....Aagcugccuagcgaagggcaaca.....	1	1	c15
.....cagUugccuagcgaagggcaaca.....	1	1	c15
.....cagcugccuagcgaagggcaacC.....	1	1	c15
.....cagcugccuagcgaagggcaaca.....	2267	0	c15
.....cagcugccuagcAaagggcaaca.....	1	1	c15
.....cagcugccCagcgaagggcaaca.....	1	1	c15
.....cagcugccuagcUaagggcaaca.....	1	1	c15
.....cagcugccAagcgaagggcaaca.....	1	1	c15
.....cagcugccuagcgaagggcGaca.....	2	1	c15
.....cagcugccuagcgaaggUcaaca.....	2	1	c15
.....cagcugUcuagcgaagggcaaca.....	3	1	c15
.....cagcugccuagUgaagggcaaca.....	1	1	c15
.....cagcuCccuagcgaagggcaaca.....	3	1	c15
.....cagcugccuagcgaaggAcaaca.....	1	1	c15
.....cagcugccuagcgaagggcaaAa.....	10	1	c15
.....cagcugccuaAcgaagggcaaca.....	1	1	c15
.....Uagcugccuagcgaagggcaaca.....	10	1	c15
.....cagcugccuagcgaGgggcaaca.....	2	1	c15
.....caAcugccuagcgaagggcaaca.....	1	1	c15
.....cagcugccuagcgaaUggcaaca.....	1	1	c15
.....cagcugccuagcgaagggUaaca.....	1	1	c15
.....cagcugccuagcgaagggcaacU.....	6	1	c15
.....cagcCgccuagcgaagggcaaca.....	2	1	c15
.....cagcugccuagcgaagUgcaaca.....	2	1	c15
.....cagcugccuagGgaagggcaaca.....	1	1	c15
.....cagcugccuagcgaagggcaUca.....	2	1	c15
.....cagcugccuGgcgaagggcaaca.....	3	1	c15
.....cagcugccuagcgaUgggcaaca.....	1	1	c15
.....cagcugccuagcgaagggcaGca.....	1	1	c15
.....cagcugccuagcgaagggcaacaU.....	75	1	c15
.....cagcugccuagcgaagggcaaAaa.....	1	1	c15
.....cagcugccuagcgaagggcaacaa.....	28	0	c15
.....cagcugccuagcgaagggcaaUaa.....	2	1	c15
.....cagcugccuagcgaagggcaacaC.....	1	1	c15
.....cagcugccuagcgaagggcaaccCa.....	1	1	c15
.....cagcugccuagcgaagggcaacaCa.....	1	1	c15
.....cagcugccuagcgaagggcaacaaU.....	4	1	c15
.....cagcugccuagcgaagggcaaUaaa.....	1	1	c15
.....cagcugccuagcgaagggcaacaUa.....	1	1	c15
.....cagcugccuagcgaagggcaacaaaA.....	1	1	c15
.....agcugccuagcgaagggca.....	1	0	c15
.....agcugccuagcgaagggcaa.....	26	0	c15
.....agcugccuagcgaagggcaU.....	1	1	c15
.....agcugccuagcgaagggcaaU.....	2	1	c15
.....agcugccuagcgaagggcaaA.....	1	1	c15
.....agcugccuagcgaagggcaaca.....	30	0	c15
.....agcugccuagcgaagggcaacU.....	1	1	c15
.....agcugUcuagcgaagggcaaca.....	1	1	c15
.....agcugccuagcgaagggcaaUaa.....	1	1	c15
.....cugccuagcgaagggcaaca.....	1	0	c15
.....gccuagcgaagggcaaca.....	1	0	c15
.....aagggcaacaaaugacugag.....	1	0	c15

Provisional ID	:	group17_28031
Score total	:	359.5
Score for star read(s)	:	3.9
Score for read counts	:	372.3
Score for mfe	:	-13.8
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	742
Mature read count	:	741
Loop read count	:	0
Star read count	:	1





Mature **Star**

```
5'- cuaacauaaagauggauauuuagauauguuguuggguacuuuuuauucccagauauuuuuuuaacuuccacacagacaaugugcaugcaagagcuauuuguaaagagauuuuaucu  -3'   obs
    cuaacauaaagauggauauuuagauauguuguuggguacuuuuuauucccagauauuuuuuuaacuuccacacagacaaugugcaugcaagagcuauuuguaaagagauuuuaucu        exp
    ............((((..((.(((.((((((..((((..........))))))))).))).))..))))((((.....))))..((((((.....))))))..............  reads      mm         sample
    ..................uAuagauauguuguuggguа.....................................................................................  1          1          c09
    ..................uuagauauguuguuggguа.....................................................................................  2          0          c09
    ..................uuagauauguuguuggguac....................................................................................  3          0          c09
    ..................uuagauauguuguuggguacu...................................................................................  5          0          c09
    ..................uuagauauguuguuggguacuuu.................................................................................  2          0          c09
    ..................uuagauauguuguuggguacuuuu................................................................................  3          0          c09
    ..................uuagauauguuguuggguacuuuuu...............................................................................  1          0          c09
    ..................uagauauguuguuggguа.....................................................................................  1          0          c09
    ..................uagauauguuguuggguacuu..................................................................................  6          0          c09
    ..................uagauauguuguuggguacuuuu................................................................................  1          0          c09
    ....................gauauguuguuggguacuuuu.................................................................................  1          0          c09
    ......................auguuguuggguacuuuu...................................................................................  3          0          c09
    ..........................................................acacagacaaugugcaugcaagagcu.....................................  1          0          c09

    ..................Guuagauauguuguuggguacu..................................................................................  1          1          c16
    ..................Guagauauguuguuggguа.....................................................................................  1          1          c16
    ..................uuagCuauguuguuggguа.....................................................................................  1          1          c16
    ..................uuagauauguuguuggguа.....................................................................................  14         0          c16
    ..................uuagauauguuguuggguа.....................................................................................  20         0          c16
    ..................Guagauauguuguuggguac....................................................................................  2          1          c16
    ..................uuagauauguuguuggguac....................................................................................  11         0          c16
    ..................uuagauauguuguuggguCc....................................................................................  1          1          c16
    ..................uuagauauguuguuggguacu...................................................................................  51         0          c16
    ..................Guagauauguuguuggguacu...................................................................................  9          1          c16
    ..................uuagauauguuguuGguacu....................................................................................  1          1          c16
    ..................uuagauauguuguuggguacuu..................................................................................  39         0          c16
    ..................uuagauauAuuguuggguacuu..................................................................................  1          1          c16
    ..................Guagauauguuguuggguacuu..................................................................................  4          1          c16
    ..................uuagauauguuguuggguacuuu.................................................................................  17         0          c16
    ..................Guagauauguuguuggguacuuu.................................................................................  6          1          c16
    ..................uuagauauguuguuggguacuuG.................................................................................  1          1          c16
    ..................Auagauauguuguuggguacuuu.................................................................................  2          1          c16
    ..................uuagauauguugGuggguacuuuu................................................................................  1          1          c16
```

Mature Star

cuaacauaaagauggauauuuagauauguuguugggguacuuuuuauccccagauauuuuuuuaacuuccacacagacaaugugcaugcaagagcuauuuguaaagagauuuuaucu

.....uuagauauguuguugggguacuuuu.....	48	0	c16
.....uuagauauguuguugCguacuuuu.....	1	1	c16
.....uuagauauguuguuCggguacuuuu.....	1	1	c16
.....uuagauauugGuguuggguacuuuu.....	1	1	c16
.....uuagauauguuguuggguacCuuu.....	1	1	c16
.....Guagauauguuguuggguacuuuu.....	9	1	c16
.....uuagauauguuguuggguacuuuuu.....	4	0	c16
.....Guagauauguuguuggguacuuuuu.....	1	1	c16
.....uuagauauguuguuggguacuuuuG.....	1	1	c16
.....uagauauguuguugggua.....	8	0	c16
.....uagGuauguuguugggua.....	1	1	c16
.....uagauauguuguuggguac.....	1	0	c16
.....uagauauguuguuggguacu.....	13	0	c16
.....Gagauauguuguuggguacu.....	1	1	c16
.....Gagauauguuguuggguacuu.....	1	1	c16
.....uagauauguuguuggguacuu.....	10	0	c16
.....uagauauguuguuggguacuuu.....	9	0	c16
.....Gagauauguuguuggguacuuuu.....	1	1	c16
.....uagauauguuguuggguacuuuu.....	3	0	c16
.....agauauguuguuggguacuu.....	1	0	c16
.....gauauguuguuggguacuuuu.....	1	0	c16
.....auauguuguuggguacuu.....	3	0	c16
.....auauguuguuggguacuuu.....	1	0	c16
.....auauguuguuggguacuuuu.....	1	0	c16
.....uauguuguuggguacuuu.....	1	0	c16
.....uauguuguuggguacCuuu.....	1	1	c16
.....auguuguuggguacuuuu.....	1	0	c16
.....acacagacaaugugcaugcaagagcu.....	2	0	c16
.....cacagacaaugugcaugcaagagcua.....	1	0	c16
.....acagacaaugugcaugcaag.....	1	0	c16
.....ugugcaugcaagagcuauu.....	1	0	c16
.....uauuuguaaagagauuuuaucu	1	0	c16

.....uuagauauguuguuggu.....	24	0	c04
.....Guagauauguuguuggu.....	1	1	c04
.....Auagauauguuguuggu.....	1	1	c04
.....uuagauauguuguuggua.....	19	0	c04
.....Guagauauguuguuggua.....	4	1	c04
.....uuagauauguuguuggguU.....	1	1	c04
.....Guagauauguuguuggguac.....	1	1	c04
.....uuagauauguuguuggguac.....	12	0	c04
.....uuagauauguuguuggguacA.....	1	1	c04
.....uuagauauguuguuGguacu.....	1	1	c04
.....Guagauauguuguuggguacu.....	6	1	c04
.....uuagauauguuguuggguacu.....	69	0	c04
.....uuGgauauguuguuggguacu.....	1	1	c04
.....Guagauauguuguuggguacuu.....	3	1	c04
.....uuagauauguuguuggguacuA.....	1	1	c04
.....uuagauauguuguuAgguacuu.....	1	1	c04
.....uuagauauguuguuggguacuu.....	50	0	c04
.....Cuagauauguuguuggguacuu.....	1	1	c04
.....uuagauauguuguuggguacuAu.....	1	1	c04
.....uuagauauguuguuggguacuuA.....	1	1	c04
.....uuagauauguuguuggguacuuC.....	1	1	c04
.....uuagauauguuguuggguacuuu.....	31	0	c04
.....uuagauauguuguuggguacuCu.....	1	1	c04
.....Guagauauguuguuggguacuuuu.....	6	1	c04
.....uuagauauguuguuggguacuuuu.....	68	0	c04
.....uuagauauguuguuggguacCuuu.....	1	1	c04
.....Guagauauguuguuggguacuuuuu.....	1	1	c04
.....uuagauauguugCuggguacuuuuua.....	1	1	c04
.....uagauauguuguugggua.....	3	0	c04
.....uagauauguuguuggguac.....	3	0	c04
.....Gagauauguuguuggguacu.....	1	1	c04
.....uagauauguuguuggguacu.....	7	0	c04
.....uagauauguuguuggguacuu.....	3	0	c04
.....Gagauauguuguuggguacuu.....	1	1	c04
.....uagauauguuguuggguacuuu.....	4	0	c04
.....Gagauauguuguuggguacuuu.....	1	1	c04
.....uagauauguuguuggguacuuuu.....	2	0	c04

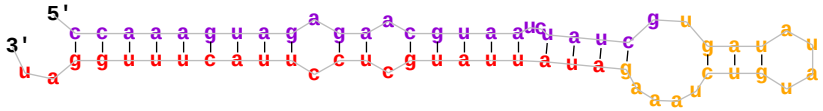
Mature Star

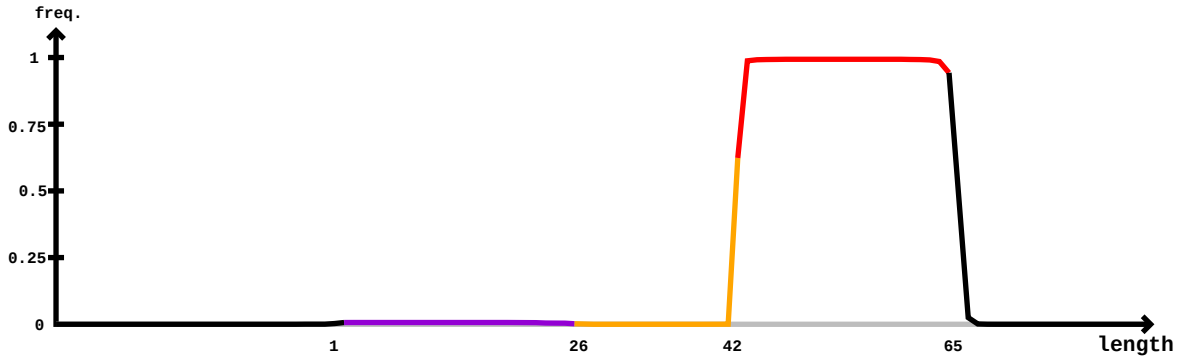
```
cuaacauaaagauggauauuuagauauguuguuggguacuuuuuauucccagauauuuuuuuaacuuccacacagacaaugugcaugcaagagcuauuuguaaagagauuuuaucu
.....................Gagauauguuguuggguacuuuu.....................  1  1  c04
.....................uagauauguuguuggguacuuuuuaC.....................  1  1  c04
.....................auauguuguuggguacuu.....................  2  0  c04
.....................auauguuUuuggguacuuu.....................  1  1  c04
.....................auauguuguuggguacuuu.....................  1  0  c04
.....................auauguuguuggguacuuuu.....................  1  0  c04
.....................Cuauguuguuggguacuuuu.....................  1  1  c04
.....................auauguuguuggguacuuuA.....................  1  1  c04
.....................uauguuguuggguacuuuu.....................  1  0  c04
.....................auguuguuggguacuuuu.....................  1  0  c04
.....................................................Gacacagacaaugugcaugcaagagc.....  3  1  c04

...........uggauauuuagauauCuug.....................  1  1  c02
.....................uuagauauguuguuggguu.....................  2  0  c02
.....................uuagauauguuguuggggua.....................  3  0  c02
.....................Guagauauguuguuggggua.....................  1  1  c02
.....................uuagauauguuguuggguac.....................  1  0  c02
.....................uuagauauguuguuggguacu.....................  8  0  c02
.....................uuagauauguuguuggguacuu.....................  5  0  c02
.....................uuagauauguuguuggguacuuu.....................  7  0  c02
.....................uuagauauguuguuggguacuuuu.....................  8  0  c02
.....................Guagauauguuguuggguacuuuu.....................  1  1  c02
.....................uuagauauguuguuggguacuuuuu.....................  1  0  c02
.....................uagauauguuguuggguacu.....................  3  0  c02
.....................uagauauguuguuggguacuu.....................  2  0  c02
.....................uagauauguuguuggguacuuu.....................  1  0  c02
.....................uagauauguuguuggguacuuuu.....................  3  0  c02
.....................auauguuguuggguacuu.....................  2  0  c02
.....................uauguuguuggguacuuu.....................  2  0  c02
.....................uauguuguuggguacuuuu.....................  1  0  c02
.....................auguuguuggguacuuuu.....................  1  0  c02
.....................................................cagacaaugugcaugcaaga.....  1  0  c02
.....................................................ugugcaugcaagagcuauu.....  1  0  c02
.....................................................Ggugcaugcaagagcuauu.....  1  1  c02
.....................................................cuauuugGaaagagauuuu....  1  1  c02

...........auggauauuuagauauguug.....................  1  0  c15
.....................uuagauauguuguuggguac.....................  4  0  c15
.....................uagauauguuguuggguac.....................  2  0  c15
.....................uagauauguuguuggguacuuuu.....................  1  0  c15
.....................gauauguuguuggguacuuu.....................  1  0  c15
.....................................uacuuuuuaucccagauauuuuuuaac.....  6  0  c15
.....................................uacuuuuuaucccagauauuuuuuaacu.....  4  0  c15
.....................................uacuuuuuaucccagauauuuuuuaacuuc.....  1  0  c15
.....................................cuuuuuaucccagauauuuuuuaacuuc.....  1  0  c15
.....................................uuuuuaucccagauauuuuuuaacuuc.....  2  0  c15
.....................................uuuuaucccagauauuuuuuaacuuc.....  2  0  c15
.....................................uuuaucccagauauuuuuuaacuucAa.....  1  1  c15
.....................................uaucccagauauuuuuuaac.....  1  0  c15
.....................................................acacagacaaugugcaugcaagagcua.....  2  0  c15
.....................................................aUacagacaaugugcaugcaagagcuau.....  1  1  c15
.....................................................acacagacaaugugcaugcaagagcuau.....  1  0  c15
.....................................................cacagacaaugugcaugcaagagc.....  1  0  c15
.....................................................cacagacaaugugcaugcaagagcua.....  2  0  c15
.....................................................ugugcaugcaagagcuauuu.....  1  0  c15
.....................................................ugcaagagcuauuuUuaaagagauuuuauc.  2  1  c15
.....................................................uauuuguaaagagauuuuauc.  1  0  c15
```

Provisional ID	:	group18_28510
Score total	:	252921.7
Score for star read(s)	:	3.9
Score for read counts	:	252912.6
Score for mfe	:	0.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	496089
Mature read count	:	492955
Loop read count	:	1
Star read count	:	3133





Star **Mature**

```
5'- uaccucacgcaauaaucuacaacguucuccaaaguagagaacguaaucuaucgugauauaugucuaaagauauuaugcuccuuacuuuggauaauguuguacgaacauucag -3'   obs
    uaccucacgcaauaaucuacaacguucuccaaaguagagaacguaaucuaucgugauauaugucuaaagauauuaugcuccuuacuuuggauaauguuguacgaacauucag       exp
    ..............((((((((((.((((((((((.((.(((((..((((..(((....)))....)))))))))).)).)))))))))).)))))))))..)).........  reads     mm        sample
    ........................uucuccaaaUuagagaacgu.....................................................................  1         1         c16
    ........................uucuccaaaguagagaacgu.....................................................................  2         0         c16
    ........................uucuccaaaguagagaacgua....................................................................  2         0         c16
    ........................uucuccaaaguagagaacguaau..................................................................  3         0         c16
    ........................ucuccaaaguagagaacguaa....................................................................  1         0         c16
    ........................ucuccaaaguagagaacguaau...................................................................  1         0         c16
    ........................cuccaaaguagagaacguaauc...................................................................  1         0         c16
    ........................uccaaaguagagaacgua.......................................................................  14        0         c16
    ........................uccaaaguagagaacguaa......................................................................  1         0         c16
    ........................Gccaaaguagagaacguaau.....................................................................  1         1         c16
    ........................uccaaaguagagaacguaau.....................................................................  15        0         c16
    ........................Accaaaguagagaacguaauc....................................................................  1         1         c16
    ........................uccaaaguagagaacguaauc....................................................................  22        0         c16
    ........................Gccaaaguagagaacguaauc....................................................................  7         1         c16
    ........................ucGaaaguagagaacguaaucu...................................................................  1         1         c16
    ........................Accaaaguagagaacguaaucu...................................................................  2         1         c16
    ........................uccaaaguagagaacguaaucA...................................................................  1         1         c16
    ........................uccaUaguagagaacguaaucu...................................................................  1         1         c16
    ........................Gccaaaguagagaacguaaucu...................................................................  10        1         c16
    ........................uccaaaguagagaacUuaaucu...................................................................  1         1         c16
    ........................uccaaaguaCagaacguaaucu...................................................................  1         1         c16
    ........................uccaaaguagagaacguaaucu...................................................................  153       0         c16
    ........................uccaaaguagagaacguaaucua..................................................................  3         0         c16
    ........................Gccaaaguagagaacguaaucuau.................................................................  4         1         c16
    ........................uccaaaguagagaacguaaucuau.................................................................  19        0         c16
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Star Mature

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Star Mature

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.....uauuaugcuccuuacuuuggauaaG.....	1	1	c16
.....uauuaugcuccuuacuuuggauUau.....	2	1	c16
.....uauuaugcuccuuacuuuggauaaCg.....	1	1	c16
.....uauuaugcuccuuacuuuggauUaugu.....	1	1	c16
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.....auuaugcuccuuacuuuggaA.....	1	1	c16
.....auuaugcuccuuacCuuggau.....	1	1	c16
.....auuaugcuccuuacuuugCau.....	1	1	c16
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Star Mature

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.....Cuuaugcuccuuacuuuggau.....	21	1	c16
.....auuaugcuccuuacuGuggau.....	1	1	c16
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.....auuaugcuccuuacuuuggaua.....	86	0	c16
.....auuaugcucGuuacuuuggaua.....	1	1	c16
.....auuaugcuccuuacuuuggauU.....	29	1	c16
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.....auuaugcuccuuacuuuggauC.....	3	1	c16
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.....auuaugcAccuuacuuuggaua.....	1	1	c16
.....auuaugcuccuuacuuuggauaU.....	4	1	c16
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.....auuaugcuccuuacuuuggauaaCgu.....	1	1	c16
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.....Guaugcuccuuacuuuggau.....	21	1	c16
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.....uaugcuccuuacuuuggaua.....	18	0	c16
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Star Mature

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..........auauuaugcuccuuacuuug..........	1	0	c04
..........auauuaugcuccuuacuuugg..........	21	0	c04
..........auauAaugcuccuuacuuugg..........	1	1	c04
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Star Mature

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.....uauuaugcuccuGacuuuggau.....	1	1	c02
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Star Mature

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Star Mature

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..........ugauauaugucuaaagauauuaugcucU..........	1	1	c15
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..........aCauuaugcuccuuacuuugg..........	2	1	c15
..........auauuaugcucGuuacuuugg..........	1	1	c15
..........auauuaugUuccuuacuuugg..........	1	1	c15
..........auauuauAcuccuuacuuugg..........	1	1	c15
..........auauuaugcuccuuacuuugU..........	5	1	c15
..........auauuaugcucAuuacuuugg..........	1	1	c15
..........auauuaugcuccGuacuuugg..........	1	1	c15
..........auauuaugcuccuuacuuugC..........	4	1	c15
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..........auauuaAgcuccuuacuuugga..........	1	1	c15
..........auauuaugcuccuuaGuuugga..........	1	1	c15
..........Guauuaugcuccuuacuuugga..........	4	1	c15
..........auauuaugcuccuuacuuuUga..........	5	1	c15
..........auauuaugcucAuuacuuugga..........	32	1	c15
..........auauuaugAuccuuacuuugga..........	4	1	c15

Star Mature

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.....auauuGugcuccuuacuuugga.....	7	1	c15
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.....auauuauCcuccuuacuuugga.....	1	1	c15
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.....auauuaugcucGuuacuuugga.....	1	1	c15
.....auauuaugUuccuuacuuugga.....	2	1	c15
.....auauuaugcuccuuacuAugga.....	1	1	c15
.....auauuUugcuccuuacuuugga.....	4	1	c15
.....auauuaugcuccuuacuuugUa.....	9	1	c15
.....auauuaugcuccuuacuuugCa.....	6	1	c15
.....auauuaugcCccuuacuuugga.....	2	1	c15
.....auaAuaugcuccuuacuuugga.....	1	1	c15
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.....auauAaugcuccuuacuuugga.....	2	1	c15
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.....Guauuaugcuccuuacuuuggau.....	47	1	c15
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.....auauuaugcuccuuaGuuuggau.....	36	1	c15
.....auauuaugcuGcuuacuuuggau.....	16	1	c15
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.....auauuaugcuccuuacuuGggau.....	17	1	c15
.....auauuaugcucAuuacuuuggau.....	82	1	c15

Star Mature

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.....auauuaugcGccuuacuuuggau.....	3	1	c15
.....auauuaugcuccuuacuuuggaG.....	32	1	c15
.....auauuaugcuccuuacuuuUgau.....	55	1	c15
.....auauuaugcuccuuacuuCggau.....	65	1	c15
.....Cuauuaugcuccuuacuuuggau.....	40	1	c15
.....Uuauuaugcuccuuacuuuggau.....	222	1	c15
.....auauuUugcuccuuacuuuggau.....	52	1	c15
.....auauuCugcuccuuacuuuggau.....	7	1	c15
.....auaAuaugcuccuuacuuuggau.....	42	1	c15
.....auaGuaugcuccuuacuuuggau.....	3	1	c15
.....auauuaugcuccGuacuuuggau.....	72	1	c15
.....auauuaugcuccuuacuuuCau.....	26	1	c15
.....auauuaugcuccuGacuuuggau.....	6	1	c15
.....auauuaugcuccuuacuuuggUu.....	185	1	c15
.....aAauuaugcuccuuacuuuggau.....	73	1	c15
.....auauuaugUuccuuacuuuggau.....	71	1	c15
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.....auauuaugcuccuuacuuAggau.....	31	1	c15
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.....auauuaugcucGuuacuuuggau.....	43	1	c15
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.....auauuaugcuccuuacuuuggaAa.....	47	1	c15
.....auUuuaugcuccuuacuuuggaua.....	1	1	c15
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.....auauuaugcuccuuacuuuggauG.....	17	1	c15
.....auauuauAcuccuuacuuuggaua.....	1	1	c15
.....auauuaugcuccuuacuuuggaCa.....	9	1	c15
.....auauuaugcuccuuacuuuggGua.....	1	1	c15
.....auauuaugcuccuuacuuuggUua.....	1	1	c15
.....auauuaugAuccuuacuuuggaua.....	1	1	c15
.....auauuaugcuccGuacuuuggaua.....	1	1	c15
.....auauuaugcucAuuacuuuggaua.....	2	1	c15
.....auauuaugcuccuuacuuuggauU.....	7640	1	c15
.....auauuaugcuccuuacuuuggaua.....	2178	0	c15
.....aAauuaugcuccuuacuuuggaua.....	1	1	c15
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.....Cuauuaugcuccuuacuuuggaua.....	11	1	c15
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.....auauuaugcuccuuacuuuCgaua.....	1	1	c15
.....auauuaugcuccuuacuuGggaua.....	1	1	c15
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Star Mature

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.....auauuaugcuccuuacuuuUgaua.....	1	1	c15
.....auauuaugcuccuuacuuuggauaG.....	1	1	c15
.....auauuauCcuccuuacuuuggauaa.....	1	1	c15
.....auauuaugcuccuuacuuuggauaU.....	278	1	c15
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.....auauuaugcuccuuacuuuggauaC.....	7	1	c15
.....aCauuaugcuccuuacuuuggauaa.....	1	1	c15
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.....auauuaugcuccuuacuuuggauGa.....	1	1	c15
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.....auauuaugcuccuuacuuuggauaCu.....	1	1	c15
.....auauuaugcuccuuacuuuggauaUu.....	18	1	c15
.....auauuaugcuccuuacuuuggauaGu.....	1	1	c15
.....auauuaugcuccuuacuuuggauaau.....	7	0	c15
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.....auauuaugcuccuuacuuuggauaaCgu.....	1	1	c15
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.....uauuaugcuccAuacuuugg.....	1	1	c15
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.....uauuaugcucAuuacuuugga.....	2	1	c15
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.....uaCuaugcuccuuacuuugga.....	1	1	c15
.....uauuaugcuccuuaUuuugga.....	1	1	c15
.....uauuaugcuccuuacuuugU.....	6	1	c15
.....uauuaAgcuccuuacuuugga.....	1	1	c15
.....uGuuaugcuccuuacuuugga.....	2	1	c15
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.....Gauuaugcuccuuacuuugga.....	1	1	c15
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.....uauuauUcuccuuacuuugga.....	1	1	c15
.....uauuaugcCccuuacuuugga.....	1	1	c15
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.....uCuuaugcuccuuacuuugga.....	1	1	c15
.....uauuaugcuccuuacuuuggG.....	3	1	c15
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.....uauuaugcuccuuacuuCgga.....	1	1	c15
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Star Mature

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.....uauAaugcuccuuacuuuggau.....	9	1	c15
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.....uauuaugcuccuuacuuugAaua.....	27	1	c15
.....uauuGugcuccuuacuuuggaua.....	7	1	c15
.....uauCaugcuccuuacuuuggaua.....	15	1	c15
.....uauuaugcuccuuacuuuggaCa.....	39	1	c15
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Star Mature

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.....uauuaugcuccuuacuCuggaua.....	11	1	c15
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.....uauuaugcuccCuacuuuggaua.....	13	1	c15
.....uauuaugcuccuGacuuuggaua.....	12	1	c15
.....uauuaugcuccuuGcuuuggaua.....	5	1	c15
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.....Aauuaugcuccuuacuuuggaua.....	35	1	c15
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.....uaCuaugcuccuuacuuuggaua.....	8	1	c15
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.....uauuaugcuccuCacuuuggaua.....	13	1	c15
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.....uauuaugAuccuuacuuuggaua.....	6	1	c15
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.....Cauuaugcuccuuacuuuggaua.....	23	1	c15
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.....uauuaugcuccuuacuuuAgaua.....	7	1	c15
.....uauuaugcuUcuuacuuuggaua.....	12	1	c15
.....uauuaugcuccAuacuuuggaua.....	6	1	c15
.....uauuaugcuccuuacuuuggCua.....	7	1	c15
.....uauuaugcuccuAacuuuggaua.....	10	1	c15
.....uauuaugcuccuuacuAuggaua.....	19	1	c15
.....uauuaugcuccGuacuuuggaua.....	10	1	c15
.....uauuaugcuAcuuacuuuggaua.....	4	1	c15
.....uauuauAcuccuuacuuuggaua.....	19	1	c15
.....uauuaugcuccuuacuuuggaua.....	52676	0	c15
.....uauuaugcuccuuacuuuggauC.....	477	1	c15
.....uauuaugcuGcuuacuuuggaua.....	2	1	c15
.....uauuaugcuccuuacuuuggauG.....	32	1	c15
.....uauuaugcuccuuacuuuCgaua.....	2	1	c15
.....uauuaugcAccuuacuuuggaua.....	5	1	c15
.....uauuaAgcuccuuacuuuggaua.....	15	1	c15
.....uauuaugcuccuuacAuuggaua.....	2	1	c15
.....uauuaugcuccuuUcuuuggaua.....	9	1	c15
.....uaAuaugcuccuuacuuuggaua.....	8	1	c15
.....uauuaugcuccuuacuuuggaCaa.....	3	1	c15
.....uauuaugcuccGuacuuuggauaa.....	1	1	c15
.....uauuauCcuccuuacuuuggauaa.....	1	1	c15
.....uaAuaugcuccuuacuuuggauaa.....	1	1	c15
.....uauuaugGuccuuacuuuggauaa.....	1	1	c15
.....uauuaugcuccuuacuuuggauaG.....	17	1	c15
.....uauuaugcuccCuacuuuggauaa.....	1	1	c15
.....uauAaugcuccuuacuuuggauaa.....	1	1	c15
.....uauuaugcuccuuacGuuggauaa.....	2	1	c15
.....Aauuaugcuccuuacuuuggauaa.....	4	1	c15
.....uauuaAgcuccuuacuuuggauaa.....	1	1	c15

Star Mature

uaccucacgcaauaaucuacaacguucuccaaaguagagaacguaaucuaucgugauauaugucuaaagauauuaugcuccuuacuuuggauaauguuguacgaacauucag

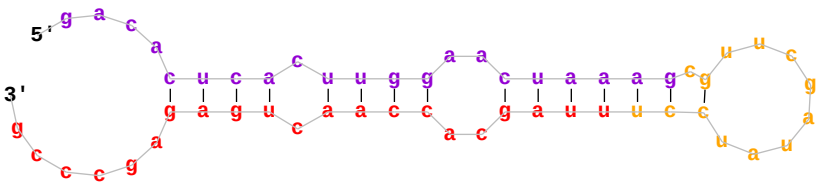
.....uauuaugcuccuuGcuuuggauaa.....	1	1	c15
.....uauuaugcuccuuCcuuuggauaa.....	1	1	c15
.....uauuaugcuccuuacuAuggauaa.....	1	1	c15
.....uUuuaugcuccuuacuuuggauaa.....	2	1	c15
.....uauCaugcuccuuacuuuggauaa.....	3	1	c15
.....uauuaugcuUcuuacuuuggauaa.....	1	1	c15
.....uauuaugcuccAuacuuuggauaa.....	1	1	c15
.....uauuaugcuccuuacuCuggauaa.....	3	1	c15
.....uauuaugcuccuuacuuuggauaa.....	5495	0	c15
.....uauuaugcuccuuacuuuggauaC.....	91	1	c15
.....uauuaugcuccuuacuuugUauaa.....	1	1	c15
.....uauuaugcuccuGacuuuggauaa.....	1	1	c15
.....uauuaugcuccuuacuuuggGuaa.....	1	1	c15
.....uauuGugcuccuuacuuuggauaa.....	4	1	c15
.....uauuaugcuccuuacAuuggauaa.....	1	1	c15
.....Cauuaugcuccuuacuuuggauaa.....	3	1	c15
.....uauuaGgcuccuuacuuuggauaa.....	6	1	c15
.....uauuaugcuccuuacuuuggUuaa.....	1	1	c15
.....uauuaCgcuccuuacuuuggauaa.....	3	1	c15
.....uauuaugcuccuuacuuuggauCa.....	4	1	c15
.....uauuaugcuccuuacuuuAgauaa.....	1	1	c15
.....uauuaugcuccuuacCuuggauaa.....	1	1	c15
.....uauuaugcuccuuacuuuUgauaa.....	1	1	c15
.....uauuaugcuccuuacuuugAauaa.....	4	1	c15
.....uauuauAcuccuuacuuuggauaa.....	1	1	c15
.....uauuaugcuccuuacuuuggauaU.....	4599	1	c15
.....uauuaugcuccuuacuuugCauaa.....	2	1	c15
.....uGuuaugcuccuuacuuuggauaa.....	6	1	c15
.....uauuaugcuccuuacuuCggauaa.....	1	1	c15
.....uauuaugcuccuuacuuuggaAaa.....	2	1	c15
.....uauuaugcuccuAacuuuggauaa.....	1	1	c15
.....uauuaugcuccuuacuuuggauUa.....	221	1	c15
.....uauuaugcuccuuacuuuggauaaA.....	170	1	c15
.....uauuaugcuccuuacuuuggauaCu.....	6	1	c15
.....uauuaugcuccuuacuuuggauUau.....	32	1	c15
.....uauuaugcuccuuacuuuggauaUu.....	144	1	c15
.....uauuaugcuccuuacuuuggauaGu.....	3	1	c15
.....uauuaugcuccuuacuuuggauaaC.....	8	1	c15
.....uauuaugcuccuuacuuuggauaau.....	24	0	c15
.....uauuaugcuccuuacuuuggauaauU.....	2	1	c15
.....aGuaugcuccuuacuuugga.....	1	1	c15
.....auuaugcuccuuacuuugga.....	11	0	c15
.....aAuaugcuccuuacuuuggau.....	1	1	c15
.....auuaugcuccuuacuuuggaA.....	3	1	c15
.....auuaugcuccuuacuuuggaG.....	1	1	c15
.....Uuuaugcuccuuacuuuggau.....	1	1	c15
.....auuaugcuccuuacuuuggau.....	437	0	c15
.....auuauUcuccuuacuuuggaua.....	2	1	c15
.....Cuuaugcuccuuacuuuggaua.....	1	1	c15
.....auuaugcuccuuacuuuggUua.....	3	1	c15
.....auuaugcGccuuacuuuggaua.....	2	1	c15
.....aGuaugcuccuuacuuuggaua.....	1	1	c15
.....auuaugcuccuGacuuuggaua.....	1	1	c15
.....auuauAcuccuuacuuuggaua.....	1	1	c15
.....Uuuaugcuccuuacuuuggaua.....	1	1	c15
.....auuaugcuccuuacuuuggaua.....	793	0	c15
.....auuaugcuccuuacuuuUgaua.....	1	1	c15
.....auuaugcuccuuacuCuggaua.....	1	1	c15
.....auuaugcuccuuacuuuggauU.....	43	1	c15
.....auuaugcuccuuacuuuggGua.....	1	1	c15
.....auuUugcuccuuacuuuggaua.....	1	1	c15
.....auuaugcuccuuacuuuggaCa.....	1	1	c15
.....auuaugcuccuuacuuuggauaa.....	52	0	c15
.....auuaugcuccuuacuuuggauaU.....	57	1	c15
.....auuaugcuccuuacuuuggauaC.....	1	1	c15
.....auuaugcuccuuacuuuggauaaA.....	2	1	c15
.....uuaugcuccuuacuuugg.....	1	0	c15
.....uuaugcuccuuacuuugga.....	3	0	c15
.....uuaugcuccuuacuuuggau.....	71	0	c15
.....uGaugcuccuuacuuuggau.....	1	1	c15

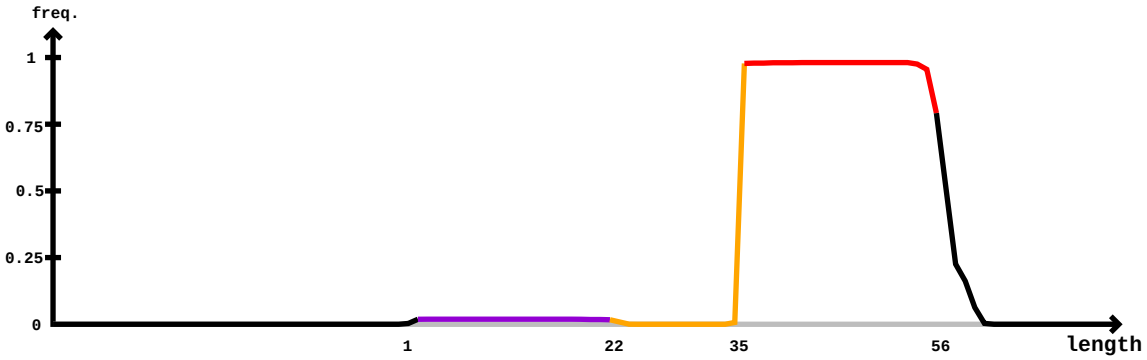
Star Mature

uaccucacgcaauaaucuacaacguucuccaaaguagagaacguaaucuaucgugauauaugucuaaagauauuaugcuccuuacuuuggauaauguuguacgaacauucag

.....uuaugcuccuuacuuuggaua.....	12	0	c15
.....uuaugcuccuuacuuuggauU.....	5	1	c15
.....uuaugcuccuuacuuuggauUa.....	2	1	c15
.....uuaugcuccuuacuuuggauaU.....	4	1	c15
.....uuaugcuccuuacuuuggauaa.....	15	0	c15
.....uaugcuccuuacuuugga.....	2	0	c15
.....uaugcuccuuacuuuggau.....	22	0	c15
.....uaugcuccuuacuuuggaA.....	1	1	c15
.....uaugcuccuuacuuuggaua.....	12	0	c15
.....uaugcuccuuacuuuggauU.....	2	1	c15
.....uaugcuccuuacuuuggauaU.....	1	1	c15
.....uaugcuccuuacuuuggauaa.....	5	0	c15
.....uaugcuccuuacuuuggauaaA.....	1	1	c15
.....uaugcuccuuacuuuggauaUu.....	2	1	c15
.....uaugcuccuuacuuuggauaau.....	14	0	c15
.....uaugcuccuuacuuuggauaauU.....	1	1	c15
.....uaugcuccuuacuuuggauaaug.....	8	0	c15
.....uaugcuccuuacGuuggauaaug.....	1	1	c15
.....aGgcuccuuacuuuggau.....	1	1	c15
.....augcuccuuacuuuggau.....	57	0	c15
.....augcuccuuacuuuggaA.....	1	1	c15
.....augcuccuuacuuuggauU.....	5	1	c15
.....augcuccuuacuuuggaua.....	17	0	c15
.....augcuccuuacuuuggauaa.....	1	0	c15
.....augcuccuuacuuuggauaaug.....	8	0	c15
.....ugcuccuuacuuuggaua.....	2	0	c15
.....Ucuccuuacuuuggauaa.....	1	1	c15
.....aauguuguacgaacauucag	1	0	c15

Provisional ID	:	group19_28725
Score total	:	1719.6
Score for star read(s)	:	3.9
Score for read counts	:	1714.2
Score for mfe	:	0.7
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	3374
Mature read count	:	3310
Loop read count	:	0
Star read count	:	64





Star **Mature**

```
5'- caacguucaagaguucgugagauccggccaaacucagacacucacuuggaacuaaagcguucgauauccuuuagcaccaacugagagcccguguuuggguuuggauagcg  -3'   obs
    caacguucaagaguucgugagauccggccaaacucagacacucacuuggaacuaaagcguucgauauccuuuagcaccaacugagagcccguguuuggguuuggauagcg        exp
    ..(((..(....)..)))(..(((((((((((((.(.(.(.((((.((((..((((((.(........)))))))..))))).))))).).).).).)))))))..).  reads     mm        sample
    ................................agacacucacuuggaacuaaag.....................................................  2         0         c09
    ................................gacacucacuuggaacua.........................................................  3         0         c09
    ................................gacacucacuuggaacuaaag......................................................  18        0         c09
    ...........................................................uuuagcaccaacugagagccc..................  4         0         c09
    ............................................................uuuagcaccaacugagagcccg.................  6         0         c09
    ...........................................................uuagcaccaacugagagc.....................  16        0         c09
    ...........................................................uuagcaccaacugagCgcc.....................  1         1         c09
    ...........................................................uuagcaccaacugagagcc.....................  20        0         c09
    ...........................................................Guagcaccaacugagagcc.....................  2         1         c09
    ...........................................................Guagcaccaacugagagccc....................  3         1         c09
    ...........................................................uuagcaccaacugagagccU....................  1         1         c09
    ...........................................................uuagcaccaaAugagagccc....................  1         1         c09
    ...........................................................uuagcaccaacugagagccc....................  50        0         c09
    ...........................................................uuagcaccaacugagCgccc....................  1         1         c09
    ...........................................................uuagcaccaacuCagagccc....................  1         1         c09
    ...........................................................uuagcaccaacAgagagcccg...................  1         1         c09
    ...........................................................uuagcaccaacugagagcccU...................  15        1         c09
    ...........................................................Guagcaccaacugagagcccg...................  26        1         c09
    ...........................................................uuagcaccaaUugagagcccg...................  1         1         c09
    ...........................................................uuagcacAaacugagagcccg...................  2         1         c09
    ...........................................................uuagcaccaacugagagccAg...................  1         1         c09
    ...........................................................uuagcaccCacugagagcccg...................  2         1         c09
    ...........................................................uuagcaccaGcugagagcccg...................  1         1         c09
    ...........................................................uuagcaccaacugagaCcccg...................  2         1         c09
    ...........................................................uuagcaccaCcugagagcccg...................  2         1         c09
    ...........................................................uuagcCccaacugagagcccg...................  1         1         c09
    ...........................................................uuagcaccaacugagagcccg...................  411       0         c09
    ...........................................................uuagcaccaacugagagccUg...................  1         1         c09
    ...........................................................uuaAcaccaacugagagcccg...................  1         1         c09
    ...........................................................uuagcaccaacugagagAccg...................  1         1         c09
    ...........................................................uuagcaccaacugagagcccA...................  2         1         c09
    ...........................................................uuagcaccaacugagagcccgA..................  9         1         c09
    ...........................................................uuagcaccaacGgagagcccgu..................  1         1         c09
```

Star Mature

caacguucaagaguucgugagauccggccaaacucagacacucacuuggaacuaaagcguucgauauccuuuagcaccaacugagagcccguguuuggguuuggauagcg

.....uuagcaccaacugagagcccgC.....	3	1	c09
.....Auagcaccaacugagagcccgu.....	1	1	c09
.....Guagcaccaacugagagcccgu.....	8	1	c09
.....uuagcaccaacugagagcccUu.....	5	1	c09
.....uuagcaccaacugagagcccgu.....	123	0	c09
.....uuagcaccaacugagagcccgG.....	1	1	c09
.....uuagcaccaacugagagcccguU.....	83	1	c09
.....uuagcaccaacugagagcccguA.....	5	1	c09
.....uuagcaccaacugagagcccguC.....	1	1	c09
.....uuagcaccaacugagagcccgug.....	1	0	c09
.....uuagcaccaacugagagcccguCu.....	2	1	c09
.....uuagcaccaacugagagcccguUu.....	127	1	c09
.....uuagcaccaacugagagcccguAu.....	13	1	c09
.....uuagcaccaacugagagcccguCuu.....	3	1	c09
.....uuagcaccaacugagagcccguAuu.....	4	1	c09
.....uuagcaccaacugagagcccguUuu.....	81	1	c09
.....uuagcaccaacugagagcccguUuuu.....	3	1	c09
.....gcaccaacugagagcccg.....	1	0	c09
.....gcaccaacugagagcccgu.....	2	0	c09
.....gcaccaacugagagcccguU.....	1	1	c09
.....agacacucacuuggaacuaaag.....	1	0	c04
.....uuagcaccaacugagagcccg.....	2	0	c04
.....uuagcaccaacugagagcccgu.....	3	0	c04
.....agacacucacuuggaacu.....	1	0	c16
.....gacacucacuuggaacuaaa.....	1	0	c16
.....gacacucacuuggaacuaaag.....	6	0	c16
.....gacacucacuuggaacuaaagc.....	1	0	c16
.....uuagcaccaacugagagcc.....	4	0	c16
.....Guagcaccaacugagagcc.....	1	1	c16
.....Guagcaccaacugagagccc.....	3	1	c16
.....uuagcaccaacugagagccc.....	21	0	c16
.....Guagcaccaacugagagcccg.....	2	1	c16
.....uuagcaccaacugagagcccg.....	28	0	c16
.....uuagcaccaacugagagcccU.....	3	1	c16
.....uuagcCccaacugagagcccgu.....	1	1	c16
.....uuagcaccaacugagagcccgA.....	1	1	c16
.....uuagcaccaacugagagcccgu.....	11	0	c16
.....Guagcaccaacugagagcccgu.....	1	1	c16
.....uuagcaccaacugagagcccguU.....	1	1	c16
.....uuagcaccaacugagagcccguUu.....	1	1	c16
.....uuagcaccaacugagagcccguUuu.....	2	1	c16
.....uuagcaccaacugagagcccguUuuu.....	1	1	c16
.....Cgacacucacuuggaacuaaag.....	1	1	c02
.....agacacucacuuggaacuaaag.....	5	0	c02
.....gacacucacuuggaacuaaa.....	1	0	c02
.....gacacuAacuuggaacuaaa.....	1	1	c02
.....gacacucacuuggaacuaaag.....	20	0	c02
.....gacacucacuuggaacuaaagA.....	1	1	c02
.....Ccacucacuuggaacuaaagcg.....	1	1	c02
.....uuuagcaccaacugagagccc.....	6	0	c02
.....uuuagcaccaacugaAagcccg.....	1	1	c02
.....uuuagcaccaacugagagcccg.....	6	0	c02
.....uuagcaccaacugagCgc.....	1	1	c02
.....uuagcaccaacugagagc.....	2	0	c02
.....Guagcaccaacugagagcc.....	5	1	c02
.....uuagcacUaacugagagcc.....	1	1	c02
.....uuagcaccaacugagagcc.....	33	0	c02
.....uuaUcaccaacugagagccc.....	1	1	c02
.....uuagcaAcaacugagagccc.....	1	1	c02
.....uuagcaccaacugagagccU.....	7	1	c02
.....uuagcaccaacugaUagccc.....	2	1	c02
.....uuagcaccaacugagagAcc.....	1	1	c02
.....uuagcaccaCcugagagccc.....	1	1	c02
.....uuaCcaccaacugagagccc.....	1	1	c02
.....uuagcaccaacugagagccc.....	405	0	c02
.....uuagcaccaacugagaAccc.....	1	1	c02
.....Guagcaccaacugagagccc.....	33	1	c02

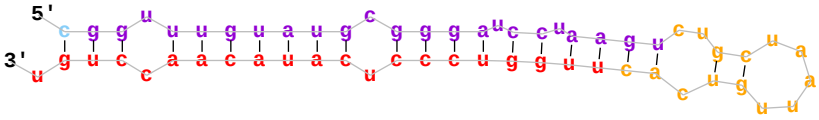
Star Mature

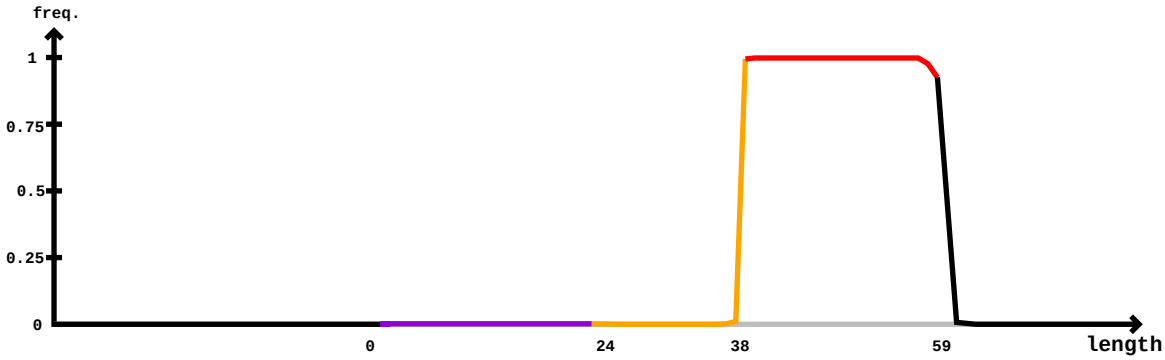
caacguucaagaguucgugagauccggccaaacucagacacucacuuggaacuaaagcguucgauauccuuuagcaccaacugagagcccguguuuggguuuggauagcg

.....uuagcCccaacugagagccc.....	3	1	c02
.....uuagcacUaacugagagccc.....	1	1	c02
.....uuagcaccCacugagagccc.....	4	1	c02
.....uuagcaccaacugagagcUcg.....	1	1	c02
.....uuagcaccaacugCgagcccg.....	1	1	c02
.....Guagcaccaacugagagcccg.....	92	1	c02
.....uuagcaccaacugagagccAg.....	4	1	c02
.....Auagcaccaacugagagcccg.....	2	1	c02
.....uuagcaccaacugagUgcccg.....	1	1	c02
.....uuagcaccaacugagagcccU.....	23	1	c02
.....uuagcaccGacugagagcccg.....	1	1	c02
.....uuagcaccaacugagagcccg.....	782	0	c02
.....uuagcaccaacugagCgcccg.....	2	1	c02
.....uuaCcaccaacugagagcccg.....	1	1	c02
.....uuagcaccaacAgagagcccg.....	1	1	c02
.....uuagcCccaacugagagcccg.....	6	1	c02
.....uuagcacAaacugagagcccg.....	2	1	c02
.....uuagcaccaacugagagcccA.....	4	1	c02
.....uuagcaccaacugagagAccg.....	2	1	c02
.....uAagcaccaacugagagcccg.....	1	1	c02
.....uuagcaccaacuCagagcccgu.....	1	1	c02
.....Auagcaccaacugagagcccgu.....	2	1	c02
.....uuagcaccaacugagagcccgu.....	220	0	c02
.....uuagcaccaacugagagcccCu.....	1	1	c02
.....uCagcaccaacugagagcccgu.....	1	1	c02
.....uuagcaccaacugagagAccgu.....	1	1	c02
.....uuagcaccaacugagagccAgu.....	3	1	c02
.....uuagcaccaacugagagcccgC.....	7	1	c02
.....Guagcaccaacugagagcccgu.....	29	1	c02
.....uuagcaccaacugagagcccAu.....	1	1	c02
.....uuagcaccaacugagagcccgA.....	4	1	c02
.....uuagcaccaCcugagagcccgu.....	1	1	c02
.....uuagcaccaacGgagagcccgu.....	1	1	c02
.....uuaUcaccaacugagagcccgu.....	1	1	c02
.....uuagcaccaacugagCgcccgu.....	1	1	c02
.....uuagcaccaacugagagcccguU.....	99	1	c02
.....uuagcaccaacugagagcccguC.....	8	1	c02
.....uuagcaccaacugagagcccguA.....	14	1	c02
.....uuagcaccaacugagagcccguUu.....	159	1	c02
.....uuagcaccaacugagagcccguCu.....	4	1	c02
.....uuagcaccaacugagagcccgugu.....	1	0	c02
.....Guagcaccaacugagagcccgugu.....	1	1	c02
.....uuagcaccaacugagagcccguAu.....	24	1	c02
.....uuagcaccaacugagagcccguAuu.....	5	1	c02
.....uuagcaccaacugagagcccguUuu.....	102	1	c02
.....uuagcaccaacugagagcccguUuuu.....	7	1	c02
.....uagcaccaacugagagcccg.....	2	0	c02
.....uagcaccaacugagagcccguUuu.....	2	1	c02
.....gcaccaacugagagcccg.....	1	0	c02
.....ccaacugagagcccguUu.....	2	1	c02

.....gacacucacuuggaacuaaag.....	1	0	c15
.....uuagcaccaacugagagccc.....	1	0	c15
.....uuagcaccaacugagagcccU.....	1	1	c15
.....uuagcaccaacugagagcccg.....	13	0	c15
.....uuagcaccaacugagagcccA.....	4	1	c15
.....uuagcaccaacugagagcccguU.....	1	1	c15
.....uuagcaccaacugagagcccguUu.....	1	1	c15
.....uuagcaccaacugagagcccguUuu.....	2	1	c15

Provisional ID	:	group19_28731
Score total	:	292
Score for star read(s)	:	3.9
Score for read counts	:	282.1
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	565
Mature read count	:	564
Loop read count	:	0
Star read count	:	1





Star **Mature**

```
5'- caugaacacgccgcaucaagagcuagccuagccgguuuguaugcgggauccuaagucugcuaauugucacuugguccccucauacaaccugugauuggguuagacucacgcau  -3'   obs
    caugaacacgccgcaucaagagcuagccuagccggguuuguaugcgggauccuaagucugcuaauugucacuugguccccucauacaaccugugauuggguuagacucacgcau        exp
    ..................(((((((((..((.((((.(((((.((((.((.((((..((.....)).)))))))))).)))))))))).)).....))))))).)))......  reads   mm   sample
    ..........................................................................cuugguccccucauacaaccug.....................  1       0    c16
    ..........................................................................cuugguccccucauacaaccugu....................  1       0    c16
    ..........................................................................Gugguccccucauacaaccug.....................  1       1    c16
    ..........................................................................uugguccccucauacaaccug.....................  3       0    c16
    ..........................................................................uugguccccucauacaaccugu....................  57      0    c16
    ..........................................................................Gugguccccucauacaaccugu....................  2       1    c16
    ..........................................................................uugguccccauacCaccugu......................  1       1    c16
    ..........................................................................uugguccccucauacaaccuguU...................  2       1    c16

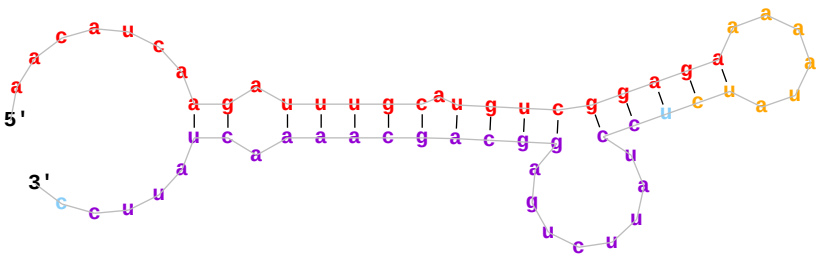
    ..........................................................................cuugguccccucauacaaccugu....................  1       0    c09
    ..........................................................................uugguccccucauacaaccu......................  4       0    c09
    ..........................................................................uugguccccucauacaaccug.....................  10      0    c09
    ..........................................................................uugCucccucauacaaccug......................  1       1    c09
    ..........................................................................uuggAcccucauacaaccugu.....................  1       1    c09
    ..........................................................................uugguccccucauacaaccugC....................  1       1    c09
    ..........................................................................uugguccccucauGcaaccugu....................  1       1    c09
    ..........................................................................uugguccccucauacaaccugu....................  82      0    c09
    ..........................................................................Gugguccccucauacaaccugu....................  9       1    c09
    ..........................................................................uugguccccauacaCccugu......................  1       1    c09
    ..........................................................................uuggucAcucauacaaccugu.....................  1       1    c09
    ..........................................................................uugguccccauacaaUcugu......................  1       1    c09
    ..........................................................................uugguccccucauacaaccuguC...................  1       1    c09
    ..........................................................................uugguccccucauacaaccuguU...................  3       1    c09
    ..........................................................................uugguccccucauacaaccuguA...................  1       1    c09
    ..........................................................................uggucccucauacaaccugu......................  1       0    c09

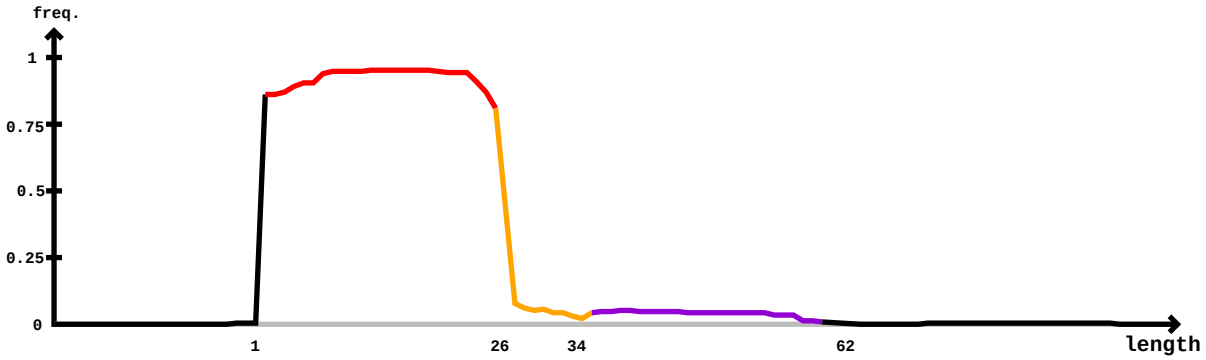
    ..........................................................................uugguccccucauacaaccugu....................  10      0    c15

    ................................gguuuguaugcgggauccuaagu...................................................................  1       0    c02
    ..........................................................................Ccuugguccccucauacaaccugu..................  1       1    c02
    ..........................................................................cuugguccccucauacaaccugu...................  2       0    c02
    ..........................................................................uugguccccucauacaaccu......................  8       0    c02
    ..........................................................................uugguccccauacaCccug.......................  1       1    c02
```

Star	Mature			
caugaacacgccgcaucaagagcuagccuagccggguuuguaugcgggauccuaaagucugcuaauugucacuuggucccucauacaaccugugauugguuagacucacgcau				
..........Gugguccccucauacaaccug..	2	1	c02
..........uugguccccucauacaaccug..	9	0	c02
..........uugguccccucauacaCccugu..	1	1	c02
..........uCgguccccucauacaaccugu..	1	1	c02
..........Gugguccccucauacaaccugu..	24	1	c02
..........uugguccccucauacCaccugu..	1	1	c02
..........uugguccUucauacaaccugu..	1	1	c02
..........uugCucccucauacaaccugu..	2	1	c02
..........uugguAccucauacaaccugu..	2	1	c02
..........uugguccccuAauacaaccugu..	1	1	c02
..........uuCgucccucauacaaccugu..	1	1	c02
..........uugguccccucauacaaccugu..	291	0	c02
..........uugguccccuUauacaaccugu..	1	1	c02
..........uugguccccucauacaaccuguA..	2	1	c02
..........uugguccccucauacaaccuguU..	11	1	c02
..........uugguccccucauacaaccuguCa..	1	1	c02
..........uugguccccucauacaaccuguUa..	1	1	c02
..........uugguccccucauacaaccugugaA..	2	1	c02
..........Gggucccucauacaaccug..	1	1	c02

Provisional ID	:	group19_28740
Score total	:	106
Score for star read(s)	:	3.9
Score for read counts	:	105.7
Score for mfe	:	-0.6
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	219
Mature read count	:	212
Loop read count	:	0
Star read count	:	7





Mature **Star**

```
5'- cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc  -3'   obs
    cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc        exp
    .(((....)))...(((.((((.....((.((((((.((((((((((......)))))........)))))))))..)).)))))))))(((.(((....))).)))).....  reads     mm      sample
    ..........................................................cuauucAgaggcagcaaaacu.....................................  1         1       c15
    ..........................................................................................aagaaaucuuucgcugaugu......  1         0       c15

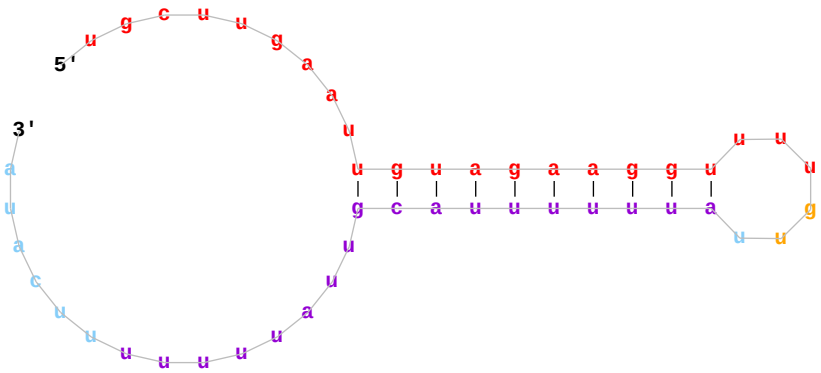
    ................aggaacaucaagauuugcaugu.....................................................................................  1         0       c04
    ................aacaucaagauuAgcaugucgg.....................................................................................  1         1       c04
    ................aacaucaagauuugcaugucgg.....................................................................................  7         0       c04
    ................aacaucaagauuugcaugucgga....................................................................................  6         0       c04
    ................Cacaucaagauuugcaugucggag...................................................................................  1         1       c04
    ................aacaucaagauuAgcaugucggag...................................................................................  1         1       c04
    ................aacaucaagauuugcaugucggag...................................................................................  5         0       c04
    ................aacaucaagauuugcaugucggaA...................................................................................  4         1       c04
    ................aacaucaagauuAgcaugucggaga..................................................................................  2         1       c04
    ................aacaucaagauuugcaugucggaga..................................................................................  41        0       c04
    ................aacGucaagauuugcaugucggaga..................................................................................  1         1       c04
    ................aacaucaagauuugcaugucggaAa..................................................................................  1         1       c04
    ................Cacaucaagauuugcaugucggaga..................................................................................  1         1       c04
    ................aaAaucaagauuugcaugucggaga..................................................................................  1         1       c04
    ................Cacaucaagauuugcaugucggagaa.................................................................................  1         1       c04
    ................aacaucaagauuAgcaugucggagaa.................................................................................  5         1       c04
    ................aacaucaagauuugcaugucggagaa.................................................................................  30        0       c04
    ................aacaucaagauuugcaugucggagaaGa...............................................................................  1         1       c04
    ................aacaucaagauuugcaugucggagaaaaU..............................................................................  1         1       c04
    ................aacaucaagauuugcaugucggagaaaaauaucuccuau.....................................................................  1         0       c04
    ..................caucaagauuugcaugucggagaaaa.................................................................................  1         0       c04
    ..................aucaagauuugcaugucgga.......................................................................................  1         0       c04
    ..................aucaagauuugcaugucggaA......................................................................................  1         1       c04
    ..................aucaagauuugcaugucggaga.....................................................................................  1         0       c04
    ..................aucaagauuAgcaugucggagaa....................................................................................  1         1       c04
    ..................ucaagauuugcaugucgga.........................................................................................  1         0       c04
    ..................ucaagauuugcaugucggagaaaaa...................................................................................  1         0       c04
    ..................ucaagauuugcaugucggagaaaaau..................................................................................  1         0       c04
    ....................aagauuugcaugucggagaaaaauaA................................................................................  1         1       c04
    ..................................................uaucuccuauucugaggcagcaaaacu.....................................  1         0       c04
```

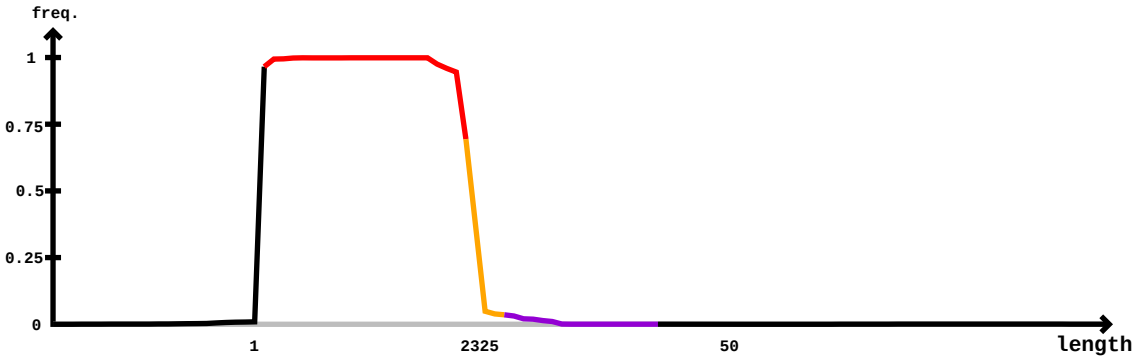
Mature Star

cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc

.....ccuaCucugaggcagcaaa.....	1	1	c04
.....aacaucaagauuugcaug.....	1	0	c16
.....Cacaucaagauuugcaugucgga.....	1	1	c16
.....aacaucaagaAuugcaugucggag.....	1	1	c16
.....Cacaucaagauuugcaugucggaga.....	2	1	c16
.....aacaucaagauuugcaugucggaga.....	34	0	c16
.....aacaucaagauuugAaugucggagaa.....	1	1	c16
.....aacaucaagauuugcaugucUgagaa.....	1	1	c16
.....aacaucaagauuugcaugucggagaa.....	38	0	c16
.....Cacaucaagauuugcaugucggagaa.....	4	1	c16
.....aacaucaagauuugcaugucggagaaa.....	3	0	c16
.....aacaucaagauuugcaugucggagaaU.....	1	1	c16
.....Uaucaagauuugcaugucggagaa.....	1	1	c16
.....Cucaagauuugcaugucggagaa.....	1	1	c16
.....aagCuuugcaugucggag.....	1	1	c16
.....aagauuugcaugucggagaaaaau.....	2	0	c16
.....aagauuugcaugucggagaaaaauau.....	2	0	c16
.....aagauuAgcaugucggagaaaaauauc.....	1	1	c16
.....aagauuugcaugucggagaaaaauauc.....	1	0	c16
.....agauuugcaugucggagaa.....	1	0	c16
.....uugcaugucggagaaaaauaucuccuauucuga.....	1	0	c16
.....uaucuccuauucugaggcagcaaaacu.....	1	0	c16
.....Gaucuccuauucugaggcagcaaaacu.....	1	1	c16
.....ccuaCucugaggcagcaaa.....	1	1	c16
.....ccuauucugaggcagcaaaacu.....	1	0	c16
.....ccuauucugaggcagcaaaacuauuc.....	2	0	c16
.....auucAgaggcagcaaaacuau.....	1	1	c16
.....agauuugcaugucAgaga.....	1	1	c09

Provisional ID	:	group19_28750
Score total	:	1761.3
Score for star read(s)	:	3.9
Score for read counts	:	1780.9
Score for mfe	:	-20.6
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	3505
Mature read count	:	3504
Loop read count	:	0
Star read count	:	1





Mature **Star**

```
5'- aucaaaacccggcgcucccaugcuugaauuguagaaggguuuuguuauuuuuuacguuauuuuuuucauauucuugccacauaaaaguuuuacccacaagguuacgcga  -3'   obs
    aucaaaacccggcgcucccaugcuugaauuguagaaggguuuuguuauuuuuuacguuauuuuuuucauauucuugccacauaaaaguuuuacccacaagguuacgcga        exp
    ..........((((.....(((...(((((((((((((.....)))))))))))..))))....)))).....))))........((...(((.....)))...))..  reads    mm       sample
    .ucaaaacccggcgcucccaugcuu.....................................................................................  1        0        c15
    ..........gcgcucccaugcuugaauuguagaaggguuuu.....................................................................  1        0        c15
    ............cgcucccaugcuugaauuguagaaggguuuu.....................................................................  1        0        c15
    ..............gcucccaugcuugaauuguagaaggguuuu.....................................................................  1        0        c15
    ...............cucccaugcuugaauuguagaaggguuu.....................................................................  1        0        c15
    ...............ucccaugcuugaauuguagaaggguuu.....................................................................  1        0        c15
    ...............ucccaugcuugaauuguagaaggguuuu.....................................................................  4        0        c15
    ................cccaugcuugaauuguagaaggguuu.....................................................................  1        0        c15
    ................cccaugcuugaauuguagaaggguuuu.....................................................................  4        0        c15
    .................ccaugcuugaauuguagaaggguuu.....................................................................  1        0        c15
    .................ccaugcuugaauuguagaaggguuuu.....................................................................  2        0        c15
    .................ccaugcuugaauuguagaaggguuuug....................................................................  1        0        c15
    ..................caugcuugaauuguagaaggguuuu.....................................................................  2        0        c15
    ...................augcuugaauuguagaaggguu.......................................................................  1        0        c15
    ...................Cugcuugaauuguagaaggguuuu.....................................................................  1        1        c15
    ....................ugcuugaauuguagaagg...........................................................................  5        0        c15
    ....................ugcuugaauuguagaaggu..........................................................................  15       0        c15
    ....................ugcuugaauuguagaaggC..........................................................................  1        1        c15
    ....................ugcuugaauuguagaagguu.........................................................................  19       0        c15
    ....................ugcuAgaauuguagaagguuu........................................................................  2        1        c15
    ....................ugcuugaauuguagaGgguuu........................................................................  1        1        c15
    ....................ugcuugaauuUuagaagguuu........................................................................  1        1        c15
    ....................ugcuugUauuguagaagguuu........................................................................  1        1        c15
    ....................ugcuugaauuguagaagguuA........................................................................  2        1        c15
    ....................ugcuugaauuguagaUgguuu........................................................................  1        1        c15
    ....................ugcuugaauuguagaagguuC........................................................................  1        1        c15
    ....................ugcuugaauuguGgaagguuu........................................................................  1        1        c15
    ....................ugcuugaauuguagGagguuu........................................................................  1        1        c15
    ....................ugcuugaauuguagaagguuu........................................................................  658      0        c15
    ....................ugcuugaauuguagaagguAu........................................................................  1        1        c15
    ....................ugUuugaauuguagaagguuuu.......................................................................  1        1        c15
    ....................ugcuugaauugAagaagguuuu.......................................................................  1        1        c15
    ....................ugcuugaauuguagaagguAuu.......................................................................  1        1        c15
```

Mature Star

aucaaaacccggcgcucccaugcuugaauuguagaaggguuuuguuauuuuuuacguuauuuuuuucauauucuugccacauaaaaguuuuacccacaagguuacgcga

.....Agcuugaauuguagaaggguuuu.....	2	1	c15
.....uAcuugaauuguagaaggguuuu.....	1	1	c15
.....ugcuugaauuguagaaggguuuu.....	1651	0	c15
.....ugcuugaauuguagaaggguuuC.....	4	1	c15
.....ugcCugaauuguagaaggguuuu.....	2	1	c15
.....ugcuugaauuguUgaaggguuuu.....	1	1	c15
.....ugcuugaauuguagaaggGuuu.....	1	1	c15
.....ugcuugaauuguagaaggCuuu.....	4	1	c15
.....ugcuuUaauuguagaaggguuuu.....	1	1	c15
.....ugAuugaauuguagaaggguuuu.....	1	1	c15
.....ugcuugaauugCagaaggguuuu.....	1	1	c15
.....ugcuugaauuguagaaggguuuA.....	19	1	c15
.....ugcuugaauuguaCaaggguuuu.....	2	1	c15
.....ugcuCgaauuguagaaggguuuu.....	1	1	c15
.....ugcuAgaauuguagaaggguuuu.....	1	1	c15
.....ugcuugaauuguagaaggAuuu.....	1	1	c15
.....ugcuugUauuguagaaggguuuu.....	1	1	c15
.....ugcuugGauuguagaaggguuuu.....	2	1	c15
.....ugcuugaauuguagaaggguuuuU.....	62	1	c15
.....ugcuugaauuguagaaggguuuuC.....	2	1	c15
.....ugcuugaauuguagaaggguuuug.....	11	0	c15
.....ugcuugaauuguagaaggguuuuA.....	10	1	c15
.....ugcuugaauuguagaaggguuuugu.....	17	0	c15
.....ugcuugaauuguagaaggguuuuUu.....	9	1	c15
.....ugcuugaauuguagaaggguuuuAu.....	1	1	c15
.....ugcuugaauuguagaaggguuuuguu.....	6	0	c15
.....ugcuugaauuguagaaggguuuugAu.....	1	1	c15
.....ugcuugaauuguagaaggguuuuguua.....	7	0	c15
.....ugcuugaauuguagaaggguuuuguuau.....	22	0	c15
.....ugcuugaauuguagaaggguuuuguuauu.....	1	0	c15
.....ugcuugaauuguagaaggguuuuguuauuA.....	1	1	c15
.....ugcuugaauuguagaaggguuuuguuauuu.....	12	0	c15
.....ugcuugaauuguagaaggguuuuguuauuuu.....	7	0	c15
.....ugcuugaauuguagaaggguuuCguuauuuuu.....	1	1	c15
.....ugcuugaauuguagaaggguuuuguuauuuuu.....	28	0	c15
.....ugcuugaauuguagaaggguuuuguuauuuuuu.....	2	0	c15
.....gcuugaauuguagaaggguuu.....	15	0	c15
.....gcuugaauuguagaaggGuuu.....	1	1	c15
.....gcuugaauuguagaaggguuuu.....	54	0	c15
.....gcuugaauuguagaaggguuuA.....	1	1	c15
.....Ucuugaauuguagaaggguuuu.....	1	1	c15
.....gcuugaauuguagaaggguuuuU.....	7	1	c15
.....gcuugaauuguagaaggguuuuUu.....	1	1	c15
.....gcuugaauuguagaaggguuuuguuau.....	1	0	c15
.....gcuugaauuguagaaggguuuuguuauuu.....	2	0	c15
.....gcuugaauuguagaaggguuuuguuauuuu.....	3	0	c15
.....gcuugaauuguagaaggguuuuguuauuuuu.....	2	0	c15
.....Uuugaauuguagaaggguuuu.....	1	1	c15
.....cuugaauuguagaaggguuuuguuauuuuu.....	1	0	c15
.....ugaauuguagaaggguuuuguuauuuuu.....	1	0	c15
.....uaaaaguuuuacccacaagguuacgcga	1	0	c15

.....Ggcuugaauuguagaagg.....	2	1	c02
.....ugcuugaauuguagaagg.....	11	0	c02
.....ugcuuCaauuguagaagg.....	1	1	c02
.....ugcuugaauuguagaaggu.....	5	0	c02
.....ugcuugaauuguagaagguu.....	1	0	c02
.....ugcuugaauuguagaaggguu.....	30	0	c02
.....Ggcuugaauuguagaaggguu.....	4	1	c02
.....ugcuugaauuguagaaggguuu.....	46	0	c02
.....Agcuugaauuguagaaggguuu.....	1	1	c02
.....Ggcuugaauuguagaaggguuu.....	2	1	c02
.....ugcuugaauuguagaaggguuug.....	1	0	c02
.....ugcuugaauuguagaaggguuuU.....	9	1	c02
.....ugcuugaauuguagaaggguuuugu.....	3	0	c02
.....ugcuugaauuguagaaggguuuuUu.....	1	1	c02
.....Ggcuugaauuguagaaggguuuuguu.....	1	1	c02
.....ugcuugaauuguagaaggguuuuguuU.....	1	1	c02
.....ugcuugaauuguagaaggguuuuguuauuu.....	1	0	c02
.....ugcuugaauuguagaaggguuuuguuauuuu.....	1	0	c02

Mature Star

aucaaaacccggcgcucccaugcuugaauuguagaaggguuuuguuauuuuuuacguuauuuuuuucauauucuugccacauaaaaguuuuacccacaagguuacgcga

.....gcuugaauuguagaaggguuu.....	1	0	c02
.....gcuugaauuguagaaggguuuA.....	1	1	c02
.....cuugaauuguagaaggguuu.....	1	0	c02
.....uugaauuguagaaggguuu.....	1	0	c02
.....uugaauuguagaaggguuu.....	1	0	c02
.....ugaauuguagaaggguuu.....	1	0	c02
.....Guuuacccacaagguuac....	1	1	c02
.....ugcuAgaauuguagaagg.....	1	1	c04
.....ugcuugaauuguagaagg.....	7	0	c04
.....Ggcuugaauuguagaagg.....	1	1	c04
.....ugcuugaauuguagaaggu.....	6	0	c04
.....ugcuugaauuguagaagguu.....	5	0	c04
.....Ggcuugaauuguagaagguu.....	2	1	c04
.....ugcuugaauuguagaagguuu.....	17	0	c04
.....Ggcuugaauuguagaagguuu.....	2	1	c04
.....ugcuugaauuguagaaggguuuA.....	1	1	c04
.....ugcuugaauuguagaagguuuu.....	36	0	c04
.....Ggcuugaauuguagaagguuuu.....	1	1	c04
.....ugcuugaauuguagaaggguuuuU.....	1	1	c04
.....ugcuugaauuguagaaggguuuugu.....	2	0	c04
.....ugcuugaauuguagaaggguuuuguua.....	1	0	c04
.....ugcuugaauuguagaaggguuuuguuU.....	2	1	c04
.....ugcuugaauuguagaaggguuuuguuau.....	2	0	c04
.....ugcuugaauuguagaaggguuuuguuUu.....	2	1	c04
.....ugcuugaauuguagaaggguuuuguuUuu.....	1	1	c04
.....ugcuugaauuguagaaggguuuuguuauuu.....	1	0	c04
.....ugcuugaauuguagaaggguuuuguuauuuu.....	1	0	c04
.....ugcuugaauuguagaaggguuuuguuauuuuu.....	1	0	c04
.....gcuugaauuguagaaggguuuu.....	1	0	c04
.....uugaauuguGgaaggguuu.....	1	1	c04
.....uugaauuguagaaggguuuA.....	1	1	c04
.....uugaauuguagaaggguuuu.....	1	0	c04
....aaacccggcgcucccaugcuugaauuguagaaggu.....	1	0	c16
.....cggcgcucccaugcuugaauuguagaaggguuu.....	2	0	c16
.....gcgcucccaugcuugaauuguagaaggguuuu.....	1	0	c16
.....cgcucccaugcuugaauuguagaaggguuuu.....	1	0	c16
.....cucccaugcuugaauuguagaaggu.....	1	0	c16
.....ucccaugcuugaauuguagaagg.....	1	0	c16
.....ucccaugcuugaauuguagaaggguuuu.....	1	0	c16
.....cccaugcuugaauuguagaagg.....	1	0	c16
.....augcuugaauuguagaaggguuu.....	1	0	c16
.....ugcuugaauuguagaagg.....	42	0	c16
.....ugcuugaauuguagaagC.....	1	1	c16
.....Ggcuugaauuguagaagg.....	3	1	c16
.....ugcuugaauuguagaaggu.....	25	0	c16
.....Ggcuugaauuguagaagguu.....	1	1	c16
.....ugcuugaauuguagaagguG.....	1	1	c16
.....ugcuugaauuguagaagguu.....	18	0	c16
.....ugcuugaauuguagaagAuu.....	1	1	c16
.....ugcuugaauuCuagaagguuu.....	1	1	c16
.....ugcuugaauuguagaaggguuu.....	130	0	c16
.....Ggcuugaauuguagaaggguuu.....	10	1	c16
.....ugcuugaauuguagaaggguuA.....	1	1	c16
.....ugcuugaauuguaUaaggguuuu.....	1	1	c16
.....ugcuugaauuguaCaaggguuuu.....	1	1	c16
.....ugcuAgaauuguagaaggguuuu.....	1	1	c16
.....ugcuugaauuguagaaggGuuu.....	1	1	c16
.....uAcuugaauuguagaaggguuuu.....	1	1	c16
.....ugcuugaauuguUgaaggguuuu.....	1	1	c16
.....ugcuugaauuguagaaggguuuA.....	3	1	c16
.....ugcuugaauuguagaagAuuuu.....	1	1	c16
.....ugcuuCaauuguagaaggguuuu.....	1	1	c16
.....ugcuugaauuguagaagCuuuu.....	1	1	c16
.....ugcuugaauuguagaaggguuuu.....	272	0	c16
.....ugcuugaauugAagaaggguuuu.....	1	1	c16
.....ugcuugaauuguagaaggguuuG.....	1	1	c16
.....Ggcuugaauuguagaaggguuuu.....	21	1	c16
.....ugcuugaauuguagaaggguuuug.....	3	0	c16

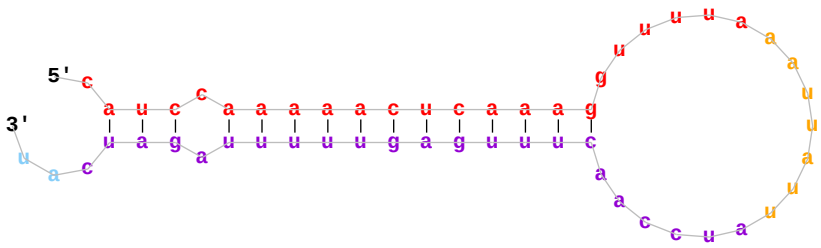
Mature Star

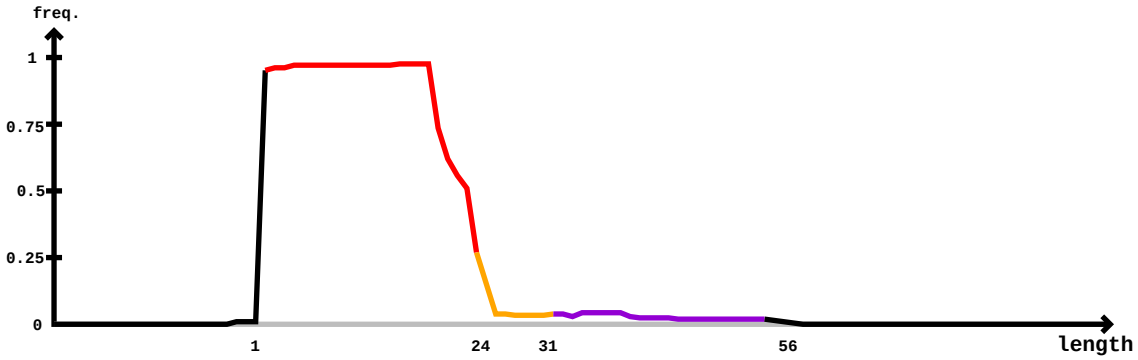
aucaaaacccggcgcucccaugcuugaauuguagaaggguuuuguuauuuuuuacguuauuuuuuucauauucuugccacauaaaaguuuuacccacaagguuacgcga

.....ugcuugaauuguagaaggguuuuU.....	5	1	c16
.....ugcuugaauuguagaaggguuuuA.....	1	1	c16
.....Ggcuugaauuguagaaggguuuug.....	1	1	c16
.....ugcuugaauuguagaaggguuuuC.....	1	1	c16
.....ugcuugaauuguagaaggguuuuUu.....	1	1	c16
.....ugcuugaauuguagaaggguuuuguu.....	5	0	c16
.....ugcuugaauuguagaaggguuuuguuU.....	4	1	c16
.....ugcuugaauuguagaaggguuuuguua.....	1	0	c16
.....ugcuugaauuguagaaggguuuuguuUu.....	7	1	c16
.....ugcuugaauuguagaaggguuuuguuau.....	3	0	c16
.....ugcuugaauuguagaaggguuuuguuauu.....	1	0	c16
.....Ggcuugaauuguagaaggguuuuguuauu.....	1	1	c16
.....ugcuugaauuguagaaggguuuuguuUuuu.....	2	1	c16
.....ugcuugaauuguagaaggguuuuguuauuuu.....	1	0	c16
.....gcuugaauuguagaaggguu.....	1	0	c16
.....gcuugaauuguagaaggguuu.....	1	0	c16
.....gcuugaauuguagaaggguuuu.....	8	0	c16
.....gcuugaauuguagaaggguuuuguuUuu.....	1	1	c16
.....uugaauuguagaaggguuu.....	2	0	c16
.....Gugaauuguagaaggguuuu.....	1	1	c16
.....uugaauuguagaaggguuuu.....	2	0	c16
.....ugaauuguagaaggguuuu.....	1	0	c16
.....uguagaaggguuuuguuUu.....	1	1	c16
.....auuuuuuUcguuauuuuu.....	1	1	c16

.....ugcuugaauuguagaagg.....	9	0	c09
.....ugcuugaauuguagaaggu.....	4	0	c09
.....ugcuugaauuguagaagguuC.....	1	1	c09
.....ugcuugaauuguagaaggguuu.....	11	0	c09
.....Ggcuugaauuguagaaggguuu.....	1	1	c09
.....ugcuugaauuguagaaUguuuu.....	1	1	c09
.....ugcuugaauuguagaaggguuuu.....	18	0	c09
.....ugcuugaauuguagaaggguuuuC.....	1	1	c09
.....ugcuugaauuguagaaggguuuuU.....	3	1	c09
.....ugcuugaauuguagaaggguuuugu.....	1	0	c09
.....gcuugaauuguagaaggguuuu.....	1	0	c09
.....uugaauuguagaaggguuu.....	1	0	c09

Provisional ID	:	group19_28752
Score total	:	99.5
Score for star read(s)	:	3.9
Score for read counts	:	95.5
Score for mfe	:	-0.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	199
Mature read count	:	195
Loop read count	:	0
Star read count	:	4





Mature **Star**

```
5'- acauuuugcuuguuucuuaucauccaaaaacucaaaggauuuuaaauuauuauccaacuuugaguuuuuagauccauaagcggcaacgcgcagucuucgaagaaaaccga -3'   obs
    acauuuugcuuguuucuuaucauccaaaaacucaaaggauuuuaaauuauuauccaacuuugaguuuuuagauccauaagcggcaacgcgcagucuucgaagaaaaccga       exp
    ......(((((((((.(((((.(((.(((((((((((((.....................))))))))))))).))).)))))).)))))).)))......(((........)))
    .....................caucCaaaaacucaaagg.....................................................................   3          0          c04
    .....................caucCaaaaacucaaaggu....................................................................   3          0          c04
    .....................caucCaaaaacucaaagguu...................................................................   1          0          c04
    .....................caucCaaaaacucaaagguuu..................................................................   1          0          c04
    .....................caucCaaaaacucaaagguuuu.................................................................   1          0          c04
    .....................caucCaaaaacucaaagguuuuC................................................................   1          1          c04
    .....................caucCaaaaacucaaagguuuuaaauuauuauccaacu..................................................   2          0          c04
    ........................ccaaaaacucaaagguuuua.................................................................   1          0          c04
    ..........................................................caacuuugaguuuuuagauc.....................................   1          0          c04

    .....................caucCaaaaacucaaagg.....................................................................   10         0          c16
    .....................caucCaaaaacucaaaggu....................................................................   6          0          c16
    .....................caucCaaaaacucaaagguu...................................................................   2          0          c16
    .....................caucCaaaaacucaaagguuu..................................................................   3          0          c16
    .....................caucCaaaaacucaaagguuuu.................................................................   4          0          c16
    .....................caucCaaaaacucaaagguuuua................................................................   7          0          c16
    .....................caucCaaaaacucaaagguuuuaaauuauuauccaacu..................................................   1          0          c16
    ......................auccaaaaacucaaagguu....................................................................   1          0          c16
    ..............................................auuauuauccaacuuugaU.....................................................   1          1          c16
    ..........................................................caacuuugaguuuuuagaucau...................................   1          0          c16

    .....................caucCaaaaacucaaagg.....................................................................   19         0          c09
    .....................caucCaaaaacucaaaggu....................................................................   9          0          c09
    .....................caucCaaaaacucaaagguu...................................................................   4          0          c09
    .....................caucCaaaaacucaaagguuC..................................................................   1          1          c09
    .....................caucCaaaaacucaaagguuu..................................................................   4          0          c09
    .....................caucCaaaaacucaaagguuuu.................................................................   23         0          c09
    .....................caucCaaaaacucaaagguuuuC................................................................   1          1          c09
    .....................caucCaaaaacucaaagguuuua................................................................   3          0          c09
    .....................caucCaaaaacucaaagguuuuU................................................................   1          1          c09
    ......................auccaaaaacucaaagguu....................................................................   1          0          c09
    ................................aaggguuuuaaauuauuaC.....................................................................   1          1          c09

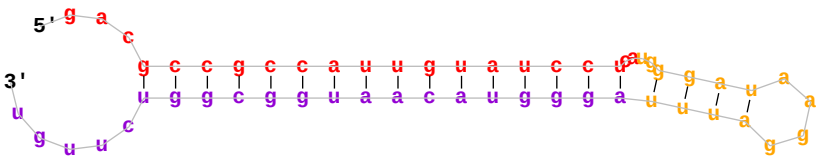
    .....................caucCaaaaacucaaagA.....................................................................   1          1          c02
```

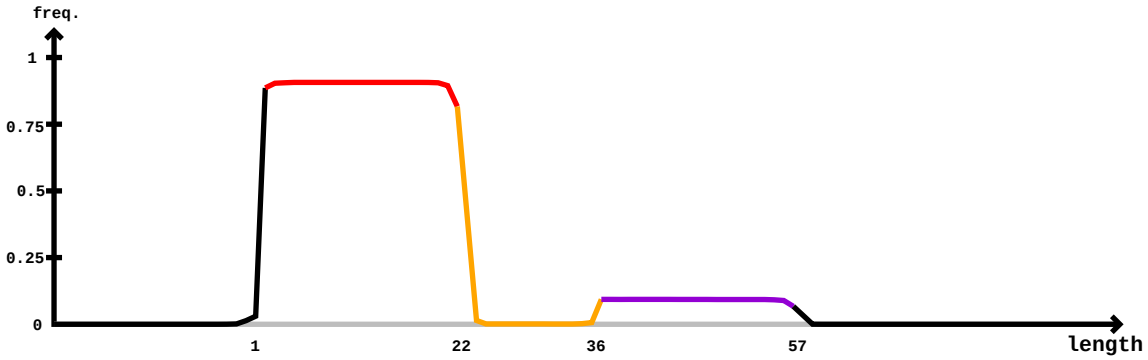
Mature Star

```
acauuuugcuuguuucuuaucauccaaaaacucaaaggauuuaaauuauuauccaacuuugaguuuuuagauacauaagcggcaacgcgcagucuucgaagaaaaccga
.....................cauccaaaaacucaaagg.....................................................................  17  0  c02
.....................cauccaaaaacucaaaggu....................................................................  5  0  c02
.....................cauAcaaaaacucaaagguu...................................................................  1  1  c02
.....................cauccaaaaacucaaagguu...................................................................  2  0  c02
.....................cauccaaaaacucaaagguuuu.................................................................  14  0  c02
.....................cauccaaaaacucaaagguuuua................................................................  1  0  c02
.....................cauccaaaaacucaaagguuuuU................................................................  1  1  c02
.....................cauccaaaaacuAaaagguuuua................................................................  1  1  c02
.....................cauccaaaaacuAaaagguuuuaaauuauuau.......................................................  1  1  c02
.....................cauccaaaaacucaaagguuuuaaauuauuauccaacuu................................................  1  0  c02
.......................ccaaaaacucaaagguuuua.................................................................  1  0  c02
.....................................................caacuuugaguuuuuagauca.....................................  1  0  c02

.................uaucauccaaaaacucaaaggu.....................................................................  1  0  c15
.................uaucauccaaaaacucaaagguu....................................................................  1  0  c15
.....................cauccaaaaacucaaagguuu...................................................................  1  0  c15
.....................cauccaaaaacucaaagguuuu..................................................................  8  0  c15
.....................cauccaaaaacucaaagguuuua.................................................................  29  0  c15
.....................cauccaaaaacucaaagguuuuaa................................................................  2  0  c15
.....................cauccaaaaacucaaagguuuuaaaA..............................................................  1  1  c15
................................................auccaacuuugaguuuuuagauc.....................................  1  0  c15
```

Provisional ID	:	group19_28754
Score total	:	2175.6
Score for star read(s)	:	3.9
Score for read counts	:	2168.9
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	4266
Mature read count	:	3870
Loop read count	:	0
Star read count	:	396





Mature **Star**

```
5'- aagaauaugaggacagcgaugacgccgccauuguauccucaugggauaaggauuuaggguacaauggcggucuugucgcuuaaucauagcgcacaguacagggacgaag  -3'    obs
    aagaauaugaggacagcgaugacgccgccauuguauccucaugggauaaggauuuaggguacaauggcggucuugucgcuuaaucauagcgcacaguacagggacgaag        exp
    .....(((((....(((((((((.(((((((((((((((....((((....)))))))))))))))))))).)))))))))...)))))..................  reads     mm        sample
    .................Caugacgccgccauuguauccuca.....................................................................  1         1         c04
    .................augacgccgccauuguauccuca.....................................................................  1         0         c04
    .................augacgccgccauuguauccucaA....................................................................  2         1         c04
    ..................ugacgccgccauuguauccuca.....................................................................  1         0         c04
    ..................gacgccgccauuguauacc........................................................................  1         0         c04
    ..................gacgccgccauuguauccuc.......................................................................  3         0         c04
    ..................gacgccgccauuguauccuca......................................................................  43        0         c04
    ..................gacgccgcGauuguauccuca......................................................................  1         1         c04
    ..................gCcgccgccauuguauccuca......................................................................  2         1         c04
    ..................Cacgccgccauuguauccuca......................................................................  1         1         c04
    ..................gacgccgccauuguauccucau.....................................................................  3         0         c04
    ..................gacgccgccauuguauccucaA.....................................................................  5         1         c04
    ...................acgccgccauuguauccuca......................................................................  1         0         c04
    ....................gccgccauuguauccuca.......................................................................  1         0         c04
    ........................................ugggauaaggauuuaggguacaaugg.............................................  1         0         c04
    ..................................................Guaggguacaauggcggucuug.....................................  1         1         c04
    ...................................................uuaggguacaauggcggucuug.....................................  1         0         c04
    ..................................................uaggguacaauggcggAcuu.......................................  1         1         c04
    ..................................................uaggguacaauggcggucuug......................................  1         0         c04
    ..................................................uaggguacaauggcggucuugu.....................................  1         0         c04
    ...................................................aggguacaauggcggucuug......................................  1         0         c04
    ...................................................aggguacaauggcggucuugA.....................................  1         1         c04
    ...................................................aggguacaauggcggucuugu......................................  7         0         c04
    ...................................................aggguacaauggcggucuuguU.....................................  2         1         c04
    ...................................................aggguacaauggcggucuuAuc.....................................  1         1         c04
    ...................................................aggguacaauggcggucuuguA.....................................  20        1         c04
    .....................................................guacaauggcggucuugu.......................................  1         0         c04

    ................cgaAgacgccgccauuguauccucau.....................................................................  1         1         c16
    ................gaCgacgccgccauuguauccu.......................................................................  1         1         c16
    ................gaCgacgccgccauuguauccuca.....................................................................  1         1         c16
    ................gaugacgccgccauuguauccuca.....................................................................  1         0         c16
    ................Cugacgccgccauuguauccuc.......................................................................  1         1         c16
```

Mature Star

aagaauaugaggacagcgaugacgccgccauuguauccucaugggauaaggauuuaggguacaauggcggucuugucgcuuaaucauagcgcacaguacagggacgaag

..augacgccgccauuguauccuc..	3	0	c16
..augacgccgccauuguauccuca..	17	0	c16
..augacAccgccauuguauccuca..	1	1	c16
..aGgacgccgccauuguauccuca..	1	1	c16
..ugacgccgccauuguauccu..	2	0	c16
..ugacgccgccauuguauccuc..	1	0	c16
..ugacgccgccauuguauccuca..	19	0	c16
..ugaUgccgccauuguauccuca..	1	1	c16
..Ggacgccgccauuguauccuca..	2	1	c16
..gacgccgccauuguaucc..	1	0	c16
..Cacgccgccauuguauccu..	1	1	c16
..gacgccgccauuguauccu..	23	0	c16
..gCcgccgccauuguauccu..	1	1	c16
..gacgcAgccauuguauccuc..	1	1	c16
..gacgccgccauAguauccuc..	1	1	c16
..gacgccgccauuguauAcuc..	1	1	c16
..gacgccgccauuguauccuc..	199	0	c16
..Cacgccgccauuguauccuc..	2	1	c16
..gacgccgccaAuguauccuc..	1	1	c16
..gacgccgAcauuguauccuc..	2	1	c16
..gaAgccgccauuguauccuc..	1	1	c16
..gacgccgccauuguauccuU..	1	1	c16
..gCcgccgccauuguauccuc..	6	1	c16
..gacgccgccauuguauccuca..	828	0	c16
..gacgcAgccauuguauccuca..	2	1	c16
..gacUccgccauuguauccuca..	2	1	c16
..gacgccgccauuguaAccuca..	1	1	c16
..Uacgccgccauuguauccuca..	5	1	c16
..gacgccgccauuCuauccuca..	1	1	c16
..gCcgccgccauuguauccuca..	33	1	c16
..gacgccgccauuguauAcuca..	2	1	c16
..gacgUcgccauuguauccuca..	1	1	c16
..gacgccgccauAguauccuca..	1	1	c16
..gUcgccgccauuguauccuca..	1	1	c16
..gacgGcgccauuguauccuca..	1	1	c16
..gGcgccgccauuguauccuca..	2	1	c16
..Cacgccgccauuguauccuca..	5	1	c16
..gacgccgccauuguauccucC..	2	1	c16
..gacgccgccaGuguauccuca..	4	1	c16
..gacgccgAcauuguauccuca..	1	1	c16
..gacgccgccauuguauccucU..	14	1	c16
..gacgccgccauuguauccAca..	1	1	c16
..gacAccgccauuguauccuca..	1	1	c16
..gacgAcgccauuguauccuca..	4	1	c16
..gacCccgccauuguauccuca..	2	1	c16
..gacgccgccauuguaucAuca..	4	1	c16
..gacgccgccauuguauccucUu..	2	1	c16
..gacgccgccauuguauccucaA..	11	1	c16
..gacgccgccauuguauccucaG..	1	1	c16
..gacgccCccauuguauccucau..	1	1	c16
..gacgccgccauuguauGcucau..	1	1	c16
..gacgccgccauuguauccucaC..	1	1	c16
..gacgccgccGuuguauccucau..	1	1	c16
..gacgcAgccauuguauccucau..	1	1	c16
..gacgccgccauuguauccucau..	76	0	c16
..gacgccgccauuguauccucauA..	1	1	c16
..gacgccgccauuguauccucauU..	1	1	c16
..gacgccgccauuguauccucaugggauaaggauuuaU..	1	1	c16
...acgccgccauuguauccu..	1	0	c16
...Ccgccgccauuguauccuc..	1	1	c16
...Ccgccgccauuguauccuca..	15	1	c16
...acgccgccauuguauccuca..	13	0	c16
...acgccgccauuguauccucU..	1	1	c16
...acgccgccauuguauccucaA..	3	1	c16
...Ccgccgccauuguauccucau..	6	1	c16
...acgccgccauuguauccucau..	2	0	c16
....cgccgccauuguauccuc..	1	0	c16
....cgccgccauuguauccuca..	6	0	c16
.....gccgccauuguauccuca..	1	0	c16
.....gccgccauuguauccucau..	1	0	c16

Mature Star

aagaauaugaggacagcgaugacgccgccauuguauccucaugggauaaggauuuaggguacaauggcggucuugucgcuuaaucauagcgcacaguacagggacgaag

.....gggauaaggauuuaggguaca.....	1	0	c16
.....uuaggguacaauggcggucuug.....	1	0	c16
.....uuaggguacaauggcggucGugucg.....	1	1	c16
.....uaggguacaauggcggucuug.....	1	0	c16
.....uaggguacaauggcggucuugu.....	4	0	c16
.....uaUgguacaauggcggucuugu.....	1	1	c16
.....aggguacaauggcggucuu.....	2	0	c16
.....aggguacaauggcggucuug.....	9	0	c16
.....Cggguacaauggcggucuug.....	2	1	c16
.....aggguacaauggcgUucuug.....	1	1	c16
.....aggCuacaauggcggucuugu.....	1	1	c16
.....aggguacaauggcggucGugu.....	1	1	c16
.....aggguacaauggcggucuugA.....	1	1	c16
.....aggguacaauggcggucuugu.....	60	0	c16
.....Uggguacaauggcggucuugu.....	1	1	c16
.....aggguacaauggcggucuuUu.....	1	1	c16
.....Cggguacaauggcggucuugu.....	9	1	c16
.....aggguacaauggcgCucuugu.....	1	1	c16
.....aggguacaauggcgguAuugu.....	1	1	c16
.....aggguacaauggcggucuuguU.....	5	1	c16
.....aggguacaauggcggucuuguA.....	5	1	c16
.....augacgccgccauuguauccuca.....	5	0	c09
.....ugacgccgccauuguauc.....	1	0	c09
.....ugacgccgccauuguauccuc.....	1	0	c09
.....ugacgccgccauuguauccuca.....	7	0	c09
.....gacgccgccauuguaucc.....	3	0	c09
.....Cacgccgccauuguauccu.....	1	1	c09
.....gacgccgccauuguauccu.....	12	0	c09
.....gCcgccgccauuguauccu.....	1	1	c09
.....gacgccgccauuguauccuc.....	45	0	c09
.....gacAccgccauuguauccuca.....	1	1	c09
.....gaUgccgccauuguauccuca.....	1	1	c09
.....gacgccUccauuguauccuca.....	1	1	c09
.....gGcgccgccauuguauccuca.....	1	1	c09
.....gCcgccgccauuguauccuca.....	11	1	c09
.....gacgccgccauuguauAcuca.....	1	1	c09
.....gacgcAgccauuguauccuca.....	1	1	c09
.....Uacgccgccauuguauccuca.....	2	1	c09
.....gacgccgccauuguauccucU.....	4	1	c09
.....gacgccgcAauuguauccuca.....	2	1	c09
.....Cacgccgccauuguauccuca.....	2	1	c09
.....gacUccgccauuguauccuca.....	1	1	c09
.....gacgccgccauuUuauccuca.....	1	1	c09
.....gacgccgAcauuguauccuca.....	1	1	c09
.....gacgccgccauuguauccuca.....	366	0	c09
.....gacgccgccauuguauccucau.....	26	0	c09
.....gacgccgcAauuguauccucau.....	1	1	c09
.....gacgccgccauuguauccucUu.....	1	1	c09
.....gacgccgccauuguauccucaC.....	2	1	c09
.....gacgccgccauuguauccucaA.....	3	1	c09
.....gacgccgccauuguauccucauC.....	1	1	c09
.....gacgccgccauuguauccucauU.....	3	1	c09
.....acgccgccauuguauccuca.....	4	0	c09
.....Ccgccgccauuguauccuca.....	1	1	c09
.....acgccgccauuguauccucau.....	1	0	c09
.....gccgccauCguauccuca.....	1	1	c09
.....gccgccauuguauccuca.....	2	0	c09
.....ugggauaaggauuuaggguacaauggcggucuugu.....	1	0	c09
.....Gaggguacaauggcggucuugu.....	2	1	c09
.....uaggguacaauggcggucuugu.....	3	0	c09
.....aggguacaauggcggucu.....	1	0	c09
.....aggguacaauggcggucuu.....	4	0	c09
.....aggguacaauggcggucuug.....	6	0	c09
.....aggguacaaugCcggucuug.....	1	1	c09
.....aggguacaauggcggucuugu.....	26	0	c09
.....aggguacaauggcggucuugG.....	1	1	c09
.....Cggguacaauggcggucuugu.....	1	1	c09
.....Cugacgccgccauuguauccuca.....	3	1	c02

Mature Star

aagaauaugaggacagcgaugacgccgccauuguauccucaugggauaaggauuuaggguacaauggcggucuugucgcuuaaucauagcgcacaguacagggacgaag

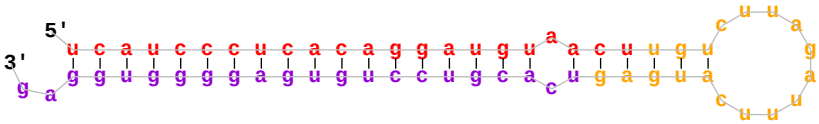
..................augacgccgccauuguauccuca.....	4	0	c02
..................ugacgccgccauuguauccuc.....	4	0	c02
..................Agacgccgccauuguauccuca.....	1	1	c02
..................Ggacgccgccauuguauccuca.....	1	1	c02
..................ugacgccgccauuguauccuca.....	5	0	c02
..................gacgccgccauuguauccu.....	2	0	c02
..................gacgccgccauuguauccuc.....	31	0	c02
..................gCcgccgccauuguauccuc.....	3	1	c02
..................Cacgccgccauuguauccuca.....	1	1	c02
..................gacgccgcAauuguauccuca.....	1	1	c02
..................gacgccgccauuguauGcuca.....	1	1	c02
..................gCcgccgccauuguauccuca.....	2	1	c02
..................gacgccgccauuguauccuca.....	76	0	c02
..................gacCccgccauuguauccuca.....	1	1	c02
..................gaUgccgccauuguauccuca.....	1	1	c02
..................gacgccgccauuguauccucau.....	10	0	c02
..................Ccgccgccauuguauccuca.....	5	1	c02
..................acgccgccauuguauccuca.....	1	0	c02
..................Guaggguacaauggcggucuugu.....	1	1	c02
..................Gaggguacaauggcggucuugu.....	1	1	c02
..................uaggguacaauggcggucuugu.....	1	0	c02
..................aggguacaauggcggucuugA.....	1	1	c02
..................aggguacaaugCcggucuugu.....	1	1	c02
..................Cggguacaauggcggucuugu.....	4	1	c02
..................aggguacaauggcggucuugu.....	21	0	c02
..................aggguacaauCgcggucuugu.....	1	1	c02

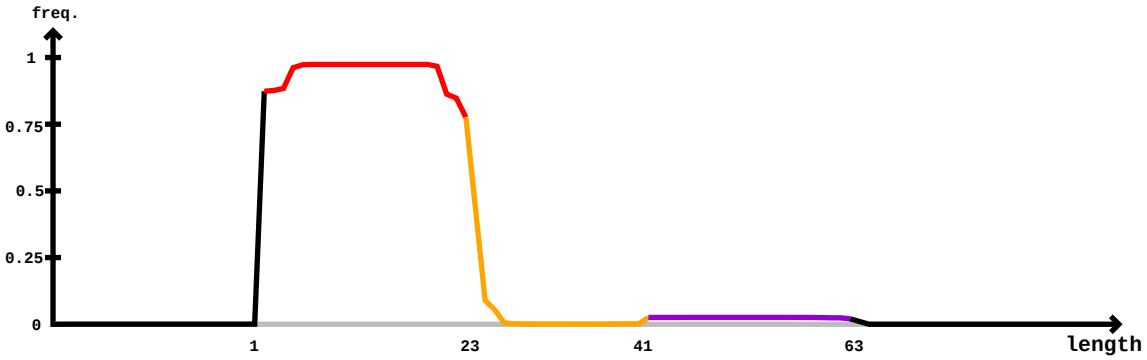
..................augacgccgAcauuguauccuca.....	1	1	c15
..................augacgccgccauuguauccuca.....	13	0	c15
..................Uugacgccgccauuguauccuca.....	1	1	c15
..................ugacgccgccauuguauccuca.....	25	0	c15
..................gacgccgccauuguauccu.....	1	0	c15
..................gacgccgccauuguauccuc.....	24	0	c15
..................gacgccgccauuguauccuA.....	1	1	c15
..................gacgccgccauAguauccuca.....	1	1	c15
..................gGcgccgccauuguauccuca.....	2	1	c15
..................gacgccgccauuguauccGca.....	1	1	c15
..................gacgccgUcauuguauccuca.....	1	1	c15
..................gacgccgAcauuguauccuca.....	2	1	c15
..................gacgccAccauuguauccuca.....	4	1	c15
..................gacgccgccauuguauccucC.....	1	1	c15
..................gacgUcgccauuguauccuca.....	1	1	c15
..................Aacgccgccauuguauccuca.....	1	1	c15
..................gacgccgccauuguauUcuca.....	1	1	c15
..................gacgccgcAauuguauccuca.....	1	1	c15
..................gacgccgccauuguauAcuca.....	1	1	c15
..................Uacgccgccauuguauccuca.....	4	1	c15
..................gacgccgccauuguauccuAa.....	1	1	c15
..................gacgcAgccauuguauccuca.....	1	1	c15
..................gacgcUgccauuguauccuca.....	2	1	c15
..................gacgccgccauuguauccucU.....	10	1	c15
..................gacAccgccauuguauccuca.....	2	1	c15
..................gaUgccgccauuguauccuca.....	2	1	c15
..................gacgccgccaGuguauccuca.....	1	1	c15
..................gacgccgccauuguauccCca.....	5	1	c15
..................gacgccgccauuguauccuca.....	1308	0	c15
..................gacgccgUcauuguauccucau.....	1	1	c15
..................Uacgccgccauuguauccucau.....	2	1	c15
..................gacgccgccauuguauccuAau.....	1	1	c15
..................gacgccAccauuguauccucau.....	1	1	c15
..................gacgccgccauuguauccucau.....	256	0	c15
..................gacgccgccauuguauccucaA.....	28	1	c15
..................gacgccgccauuguauccucaC.....	4	1	c15
..................gacgccgccauuguauccucauU.....	39	1	c15
..................gacgccgccauuguauccucaug.....	1	0	c15
..................gacgccgccauuguauccucauA.....	6	1	c15
..................gacgccgccauuguauccucauC.....	1	1	c15
..................gacgccgccauuguauccucaugggauaaC.....	1	1	c15
..................acgccgccauuguauccuca.....	4	0	c15
..................acgccgccauuguauccucau.....	11	0	c15

Mature Star

```
aagaauaugaggacagcgaugacgccgccauuguauccucauggguauaggauuuaggguacaauggcggucuugucgcuuaaucauagcgcacaguacagggacgaag
.....................acgccgccauuguauccucaC.....................................................................  2  1  c15
.....................acgccgccauuguauccucauU.....................................................................  3  1  c15
.....................................................uuaggguacaauggcggucu.....................................  1  0  c15
.....................................................uaggguacaauggcggucuugu...................................  1  0  c15
.....................................................aggguacaauggcggucu.......................................  2  0  c15
.....................................................aggguacaauggcggucA.......................................  1  1  c15
.....................................................aggguacaauggcggucuu......................................  4  0  c15
.....................................................aggguacaauggcggucuuA.....................................  2  1  c15
.....................................................agggCacaauggcggucuug.....................................  1  1  c15
.....................................................aggguacaauggcggCcuug.....................................  1  1  c15
.....................................................aggguacaauggcggucuug.....................................  65  0  c15
.....................................................aggguGcaauggcggucuugu....................................  1  1  c15
.....................................................aggguacaauggUggucuugu....................................  1  1  c15
.....................................................aggguacaauggcggucuugu....................................  79  0  c15
.....................................................aggguacaauggcggucuugA....................................  1  1  c15
.....................................................aggguacaauggcggucuuguU...................................  8  1  c15
.....................................................aggguacaauggcggucuuguA...................................  6  1  c15
```

Provisional ID	:	group19_29140
Score total	:	2988.1
Score for star read(s)	:	3.9
Score for read counts	:	2981.1
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	5859
Mature read count	:	5716
Loop read count	:	0
Star read count	:	143





Mature **Star**

```
5'- aacauaaagauaccaggucgucaucccucacaggauguaacuugucuuagauuucaugagucacguccugugagggguggagggcuggccaucuacaggcaucgacucc  -3'   obs
    aacauaaagauaccaggucgucaucccucacaggauguaacuugucuuagauuucaugagucacguccugugagggguggagggcuggccaucuacaggcaucgacucc        exp
    .......((((.((((.((.(((((((((((((((((((.((((((..........)))))).)))))))))))))))))))).)).)))).))))..............  reads    mm       sample
    ...................ucaucccucacaggaugu.....................................................................................  18       0        c09
    ...................ucaucccCcacaggaugu.....................................................................................  1        1        c09
    ...................Gcaucccucacaggaugu.....................................................................................  1        1        c09
    ...................ucaucccucaUaggaugua....................................................................................  2        1        c09
    ...................ucGucccucacaggaugua....................................................................................  1        1        c09
    ...................ucaucccucacaggaAgua....................................................................................  1        1        c09
    ...................ucaucAcucacaggaugua....................................................................................  1        1        c09
    ...................ucaucccucacUggaugua....................................................................................  2        1        c09
    ...................Gcaucccucacaggaugua....................................................................................  3        1        c09
    ...................uGaucccucacaggaugua....................................................................................  1        1        c09
    ...................ucaucccucacaggaugua....................................................................................  201      0        c09
    ...................uUaucccucacaggaugua....................................................................................  1        1        c09
    ...................ucaucccucCcaggaugua....................................................................................  1        1        c09
    ...................ucaucccucacaggauguaC...................................................................................  1        1        c09
    ...................ucaucccucacagUauguaa...................................................................................  1        1        c09
    ...................ucaucccucacaggauguaG...................................................................................  3        1        c09
    ...................ucaucccucacaggauguaa....................................................................................  8        0        c09
    ...................ucaucccucacaggauguaac...................................................................................  105      0        c09
    ...................ucaucccucacaggauguaaA...................................................................................  2        1        c09
    ...................ucaucccucacaggauguaGc...................................................................................  4        1        c09
    ...................ucaucccucacaggauguaaG...................................................................................  1        1        c09
    ...................Gcaucccucacaggauguaac...................................................................................  3        1        c09
    ...................Gcaucccucacaggauguaacu..................................................................................  26       1        c09
    ...................ucauUccucacaggauguaacu..................................................................................  4        1        c09
    ...................Acaucccucacaggauguaacu..................................................................................  2        1        c09
    ...................ucaucccucacaggGuguaacu..................................................................................  1        1        c09
    ...................ucaucccucacaUgauguaacu..................................................................................  1        1        c09
    ...................ucaucccucCcaggauguaacu..................................................................................  1        1        c09
    ...................ucaucccucacagUauguaacu..................................................................................  1        1        c09
    ...................ucaucccucacaggaCguaacu..................................................................................  1        1        c09
    ...................ucaucccucacaggauguaUcu..................................................................................  1        1        c09
    ...................ucaCcccucacaggauguaacu..................................................................................  1        1        c09
    ...................ucaucccucacaggaugCaacu..................................................................................  1        1        c09
```

Mature Star

aacauaaagauaccaggucgucaucccucacaggauguaacuugucuuagauuucaugagucacguccugugagggguggagggcuggccaucuacaggcaucgacucc

.....ucaucccucacaggauguaacC.....	1	1	c09
.....uUaucccucacaggauguaacu.....	7	1	c09
.....ucaucccCcacaggauguaacu.....	1	1	c09
.....uAaucccucacaggauguaacu.....	1	1	c09
.....ucaucccucacaggauguaCcu.....	1	1	c09
.....ucaucUcucacaggauguaacu.....	2	1	c09
.....ucaucccucacagCauguaacu.....	1	1	c09
.....ucaucccucacaggauguaGcu.....	1	1	c09
.....ucaucAcucacaggauguaacu.....	1	1	c09
.....ucaucccucacaggauguaacu.....	740	0	c09
.....ucaucccucacaggauguaaUu.....	1	1	c09
.....ucaucccucacaggauCuaacu.....	1	1	c09
.....ucaucccucacaggauguaacA.....	2	1	c09
.....ucaucccucacaggauguaacuG.....	1	1	c09
.....ucaucccucacaggauguaacCu.....	2	1	c09
.....ucaucccucCcaggauguaacuu.....	1	1	c09
.....ucaucccucacaggauguaacuu.....	66	0	c09
.....ucaucUcucacaggauguaacuu.....	1	1	c09
.....ucaAcccucacaggauguaacuu.....	1	1	c09
.....ucaucccucacaggauguaacuC.....	11	1	c09
.....Gcaucccucacaggauguaacuu.....	7	1	c09
.....ucauUccucacaggauguaacuu.....	1	1	c09
.....ucaucccucacaCgauguaacuu.....	1	1	c09
.....ucaucccucacaggauguaacuCg.....	3	1	c09
.....ucaucccucacaggauguaacuug.....	3	0	c09
.....ucaucccucacaggauguaacuuU.....	74	1	c09
.....ucaucccucacaggauguaacuGg.....	1	1	c09
.....ucaucccucacaggauguaacuugG.....	2	1	c09
.....ucaucccucacaggauguaacuuCu.....	2	1	c09
.....ucaucccucacaggauguaacuuUu.....	3	1	c09
.....ucaucccucacaggauguaacuugGc.....	1	1	c09
.....ucaucccucacaggauguaacuuguc.....	1	0	c09
.....ucaucccucacaggauguaacuugucuuagauu.....	1	0	c09
.....caucccucacaggauguaacu.....	4	0	c09
.....caucccucacaggauguaacuuU.....	1	1	c09
.....aucccucacaggauguaac.....	3	0	c09
.....aucccucaUaggauguaac.....	1	1	c09
.....aucccucacaggauguaacu.....	11	0	c09
.....aucccucacaggauguaacuu.....	5	0	c09
.....aucccucacaggauguaacuug.....	1	0	c09
.....aucccucacaggauguaacuuU.....	1	1	c09
.....ucccucacaggauguaac.....	4	0	c09
.....ucUcucacaggauguaac.....	1	1	c09
.....Gcccucacaggauguaacu.....	2	1	c09
.....ucccucacaggauguaacu.....	59	0	c09
.....ucccucacaggauguaacuG.....	1	1	c09
.....ucccucacaggauguaacuu.....	11	0	c09
.....ucccucacaggauguaacuug.....	3	0	c09
.....Gcccucacaggauguaacuugu.....	3	1	c09
.....Acccucacaggauguaacuugu.....	1	1	c09
.....ucccucacaggauguaacuugu.....	67	0	c09
.....ucccucacaggauguaacCugu.....	1	1	c09
.....ucccucacaggauguaacuuguU.....	1	1	c09
.....ucccucacaggauguaacuuguc.....	1	0	c09
.....ucccucacaggauguaacuugucuuagauuucau.....	2	0	c09
.....cccucacaggauguaacu.....	17	0	c09
.....cccucaAaggauguaacu.....	1	1	c09
.....cccucacaggauguaacuu.....	2	0	c09
.....ccucacaggauguaacuu.....	1	0	c09
.....ccucacaggauguaacuugu.....	1	0	c09
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.....gagucacguccugugagggu.....	1	0	c09
.....gagucacguccugugagggug.....	1	0	c09
.....ucacguccugugagggug.....	1	0	c09
.....ucacguccugugagggugg.....	1	0	c09
.....ucacguccugugagggugga.....	8	0	c09
.....Gcacguccugugagggugga.....	1	1	c09
.....Gcacguccugugaggguggag.....	6	1	c09
.....ucacguccugugaggguggaA.....	1	1	c09
.....ucacguccugugaggguggag.....	31	0	c09

Mature **Star**

```
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.....................................................ucacguccugugagggguggagU.....  5  1  c09
.....................................................ucacguccugugagggguggagA.....  2  1  c09
.....................................................cacguccugugagggguggagA.....  1  1  c09

.....................ucaucccucacaggaugu.....  1  0  c04
.....................ucauAccucacaggaugua.....  1  1  c04
.....................Gcaucccucacaggaugua.....  1  1  c04
.....................ucaucccucacaggaugua.....  19  0  c04
.....................ucaucccucacaggaugAa.....  1  1  c04
.....................ucaucccucacaggauguaa.....  1  0  c04
.....................Gcaucccucacaggauguaac.....  1  1  c04
.....................ucaucccucacaggauguaac.....  3  0  c04
.....................ucaucccucacaggaCguaac.....  1  1  c04
.....................Acaucccucacaggauguaacu.....  1  1  c04
.....................ucaucccucacaggGuguaacu.....  1  1  c04
.....................Gcaucccucacaggauguaacu.....  6  1  c04
.....................ucaucccucacaggauguaacu.....  91  0  c04
.....................ucaucccucacaggauguaacuC.....  4  1  c04
.....................ucaucccucacaggauguaacuu.....  2  0  c04
.....................ucaucccucacaggauguaacuA.....  2  1  c04
.....................ucaucccucacaggauAuaacuu.....  1  1  c04
.....................ucaucccucacaggauguaacuG.....  2  1  c04
.....................ucaucccucacaggauguaacuuU.....  2  1  c04
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......................Cucccucacaggauguaacu.....  1  1  c04
......................aucccucacaggauguaacu.....  2  0  c04
......................aucccucacaggauguaacuu.....  1  0  c04
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.......................ucccucacaggauguCacu.....  1  1  c04
.......................ucccucacaggauguaacu.....  7  0  c04
.......................Gcccucacaggauguaacu.....  1  1  c04
.......................ucccucacaggauguaacuugu.....  8  0  c04
.......................Acccucacaggauguaacuugu.....  1  1  c04
.......................Gcccucacaggauguaacuugu.....  1  1  c04
.......................ucccucacaggauguaacuuguU.....  1  1  c04
........................cccucacaggauguaacu.....  2  0  c04
........................cccucacaggauguaacA.....  1  1  c04
.....................................................ucacguccugugaggggugga.....  2  0  c04
.....................................................ucacguccugugagggguggag.....  6  0  c04
.....................................................Gcacguccugugagggguggag.....  1  1  c04
.....................................................ucacguccugugagggguggagU.....  1  1  c04

aacauaaagauaccaggucg.....  1  0  c16
...................gucUucccucacaggauguaacu.....  1  1  c16
...................Gcaucccucacaggaugu.....  1  1  c16
...................ucaucccucacaggaugu.....  9  0  c16
...................ucaucccucacUggaugu.....  1  1  c16
...................ucaucccucacaggaugua.....  234  0  c16
...................ucaucccucacaggaCgua.....  1  1  c16
...................Acaucccucacaggaugua.....  1  1  c16
...................Gcaucccucacaggaugua.....  12  1  c16
...................ucaucccucacagCaugua.....  1  1  c16
...................uAaucccucacaggaugua.....  1  1  c16
...................ucaucAcucacaggaugua.....  1  1  c16
...................ucaAcccucacaggaugua.....  2  1  c16
...................ucaucccucacaggauguaa.....  46  0  c16
...................ucaucccucCcaggauguaa.....  1  1  c16
...................ucaucccucacaggauguaC.....  1  1  c16
...................ucCucccucacaggauguaa.....  1  1  c16
...................Gcaucccucacaggauguaa.....  4  1  c16
...................ucaucccucacaggauguaG.....  4  1  c16
...................ucaucccucacaggaugGaac.....  1  1  c16
...................ucaucccGcacaggauguaac.....  1  1  c16
...................ucaucccucacaggauguaCc.....  1  1  c16
...................ucaucccucacaggauguaac.....  186  0  c16
...................ucaucccucacaggauguaaA.....  6  1  c16
...................ucaucccucacaggauguaUc.....  2  1  c16
...................uUaucccucacaggauguaac.....  2  1  c16
...................Acaucccucacaggauguaac.....  2  1  c16
...................Gcaucccucacaggauguaac.....  13  1  c16
```

Mature Star

aacauaaagauaccaggucgucaucccucacaggauguaacuugucuuagauuucaugagucacguccugugagggguggagggcuggccaucuacaggcaucgacucc

.....ucaucccucacaggauguaGc.....	1	1	c16
.....ucaucccuGacaggauguaac.....	1	1	c16
.....ucauUccucacaggauguaacu.....	4	1	c16
.....ucaucccuGacaggauguaacu.....	1	1	c16
.....ucaucccucaGaggauguaacu.....	1	1	c16
.....ucaucccAcacaggauguaacu.....	1	1	c16
.....ucaucccucacagCauguaacu.....	1	1	c16
.....ucaucccucacaggauguaUcu.....	2	1	c16
.....uUaucccucacaggauguaacu.....	13	1	c16
.....ucaucccucacaggauguaacC.....	1	1	c16
.....ucaucccucacaggaugAaacu.....	2	1	c16
.....ucaucccucaUaggauguaacu.....	2	1	c16
.....ucaucccucacaggauguaCcu.....	1	1	c16
.....ucaucccucacaggaugCaacu.....	1	1	c16
.....ucaucccucacaggauCuaacu.....	2	1	c16
.....ucaucUcucacaggauguaacu.....	5	1	c16
.....ucauccUucacaggauguaacu.....	1	1	c16
.....Gcaucccucacaggauguaacu.....	72	1	c16
.....ucGucccucacaggauguaacu.....	1	1	c16
.....Acaucccucacaggauguaacu.....	3	1	c16
.....ucaucccucacaggauUuaacu.....	2	1	c16
.....ucaucAcucacaggauguaacu.....	2	1	c16
.....ucaucccucacaggauguaacA.....	7	1	c16
.....ucaucccucCcaggauguaacu.....	8	1	c16
.....ucCucccucacaggauguaacu.....	5	1	c16
.....ucaucccuUacaggauguaacu.....	1	1	c16
.....ucaucccucacaggauguaacu.....	1548	0	c16
.....ucaucccuAacaggauguaacu.....	1	1	c16
.....ucauAccucacaggauguaacu.....	1	1	c16
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.....ucaucccucacaggauguaacG.....	1	1	c16
.....ucaucccucacaggaAguaacu.....	1	1	c16
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.....ucaucccucacaggaCguaacu.....	2	1	c16
.....ucaucccucacagUauguaacu.....	1	1	c16
.....ucaucccucacaggauguaacuC.....	15	1	c16
.....ucaucccucacaggauguaacuu.....	8	0	c16
.....ucaucccucacaggauguaacuA.....	8	1	c16
.....ucaucccucacaggauguaacuG.....	4	1	c16
.....ucaucccucacaggauguaacuug.....	1	0	c16
.....ucaucccucacaggauguaacuuA.....	1	1	c16
.....Gcaucccucacaggauguaacuug.....	1	1	c16
.....ucaucccucacaggauguaacuuU.....	3	1	c16
.....ucaucccucacaggauguaacuugC.....	3	1	c16
.....ucaucccucacaggauguaacuugG.....	1	1	c16
.....cGucccucacaggauguaacu.....	1	1	c16
.....caucccucacaggauguaacu.....	4	0	c16
.....cUucccucacaggauguaacu.....	2	1	c16
.....caucccucacaggauguaacuu.....	1	0	c16
.....caucccucacaggauguaacuug.....	1	0	c16
.....Cucccucacaggauguaac.....	1	1	c16
.....aucccucacaggauguaacu.....	9	0	c16
.....aucccucacaggauguaacuug.....	3	0	c16
.....ucccucacaggauguaac.....	6	0	c16
.....ucccucacaggauguaacu.....	44	0	c16
.....ucccucacaggauCuaacu.....	1	1	c16
.....ucccuAacaggauguaacu.....	1	1	c16
.....Gcccucacaggauguaacu.....	4	1	c16
.....ucccucacaggauguaacuu.....	2	0	c16
.....Gcccucacaggauguaacuug.....	1	1	c16
.....ucccucacaggauguaacuug.....	7	0	c16
.....uccUucacaggauguaacuugu.....	1	1	c16
.....ucccucacaUgauguaacuugu.....	1	1	c16
.....ucccucacagCauguaacuugu.....	2	1	c16
.....Gcccucacaggauguaacuugu.....	9	1	c16
.....ucccucacaggauguaacuugu.....	86	0	c16
.....ucccucacaggauguaacuuguc.....	3	0	c16
.....ucccucacaggauguaacuuguA.....	3	1	c16
.....ucccucacaggauguaacuuguU.....	2	1	c16
.....ucccucacaggauguaacuugucu.....	1	0	c16

Mature Star

aacauaaagauaccaggucgucaucccucacaggauguaacuugucuuagauuucaugagucacguccugugagggguggagggcuggccaucuacaggcaucgacucc

.....Gcccucacaggauguaacuugucuuagauuucau.....	1	1	c16
.....ccAucacaggauguaacu.....	1	1	c16
.....cccucacaggauguaCcu.....	1	1	c16
.....cccucacaggauguaacu.....	25	0	c16
.....cccucacaggauguaacuA.....	1	1	c16
.....cccucacaggauguaacuu.....	1	0	c16
.....Uccucacaggauguaacuugu.....	1	1	c16
.....ccucacaggauguaacuugu.....	2	0	c16
.....gagucacguccugugaggg.....	1	0	c16
.....gagucacguccugugaggggug.....	1	0	c16
.....Gcacguccugugaggggugga.....	1	1	c16
.....ucacguccugugaggggugga.....	4	0	c16
.....ucacguccugugagggguggag.....	24	0	c16
.....Gcacguccugugagggguggag.....	1	1	c16
.....ucacguccugugagggguggagU.....	2	1	c16
.....guccugugagggguggag.....	1	0	c16

.....Gcaucccucacaggaugu.....	1	1	c02
.....ucaucccucacaggaugu.....	7	0	c02
.....ucaucccucacaggaugAa.....	1	1	c02
.....ucaGcccucacaggaugua.....	1	1	c02
.....ucaucccucacaggaugua.....	120	0	c02
.....Gcaucccucacaggaugua.....	1	1	c02
.....ucaucAcucacaggaugua.....	1	1	c02
.....ucaucccuAacaggaugua.....	1	1	c02
.....ucaucccucacaggaAguaa.....	1	1	c02
.....ucaucccucacaggaguaa.....	15	0	c02
.....ucaucccucacaggaguaaU.....	1	1	c02
.....ucaucccucacaggaguaac.....	47	0	c02
.....Gcaucccucacaggaguaac.....	4	1	c02
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.....uUaucccucacaggaguaac.....	1	1	c02
.....ucaucccucacaggaguaUc.....	1	1	c02
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.....ucaucccuGacaggauguaacu.....	1	1	c02
.....ucaucccucacaggauguaacu.....	801	0	c02
.....ucaucAcucacaggauguaacu.....	3	1	c02
.....ucauUccucacaggauguaacu.....	4	1	c02
.....ucaucccucacaCgauguaacu.....	1	1	c02
.....ucaucccucacaggauguCacu.....	1	1	c02
.....ucaucccucacaUgauguaacu.....	1	1	c02
.....ucaucccucacaggauguaacG.....	1	1	c02
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.....ucaucccucGcaggauguaacu.....	1	1	c02
.....ucaucccucaUaggauguaacu.....	1	1	c02
.....ucaucccucaAaggauguaacu.....	1	1	c02
.....ucaAcccucacaggauguaacu.....	1	1	c02
.....ucaCcccucacaggauguaacu.....	2	1	c02
.....ucaucccucCcaggauguaacu.....	1	1	c02
.....uUaucccucacaggauguaacu.....	5	1	c02
.....ucaucUcucacaggauguaacu.....	2	1	c02
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.....ucCucccucacaggauguaacu.....	1	1	c02
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.....ucaucccCcacaggauguaacu.....	1	1	c02
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.....ucaucccucacaggauguaacA.....	1	1	c02
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.....ucaucccucacaggauguaacuA.....	3	1	c02
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.....ucaucccucacaggaCguaacuu.....	1	1	c02
.....uUaucccucacaggauguaacuu.....	2	1	c02
.....Gcaucccucacaggauguaacuu.....	6	1	c02
.....ucaucccucacaggauCuaacuu.....	1	1	c02
.....ucaucccucacaggauguaacuC.....	12	1	c02
.....ucaucccucacaggauguaacuuC.....	2	1	c02

Mature **Star**

```
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....................ucaucccucacaggauguaacuug.....................................................  1   0   c02
....................ucaucccucacaggauguaacuuU.....................................................  94  1   c02
....................ucaucccucacaggauguaacuuCu....................................................  1   1   c02
....................ucaucccucacaggauguaacuuUu....................................................  12  1   c02
....................ucaucccucacaggauguaacuugucu..................................................  1   0   c02
....................ucaucccucacaggauguaacuugGcuu..................................................  1   1   c02
....................Aaucccucacaggauguaacu.........................................................  1   1   c02
....................caucccucacaggauguaacu.........................................................  3   0   c02
....................aucccucacaggauguaacu..........................................................  7   0   c02
....................ucccucacaggauguaac............................................................  1   0   c02
....................Gcccucacaggauguaacu...........................................................  2   1   c02
....................ucccucacaggauguaacu...........................................................  6   0   c02
....................ucccucacaggauguaacuu..........................................................  1   0   c02
....................ucccucacaggauguaacuug.........................................................  1   0   c02
....................ucccucacaggauguaacuugu........................................................  26  0   c02
....................cccucacaggauguaacu............................................................  11  0   c02
....................cccucacaggauguaacuu...........................................................  2   0   c02
....................ccucacaggauguaacuu............................................................  1   0   c02
.........................................cuuagauuucaugagucacguccugugaggggug.........................  1   0   c02
.............................................................agucacguccugugaggggugga.................  1   0   c02
.............................................................Gcacguccugugaggggugga...................  1   1   c02
.............................................................ucacguccugugaggggugga...................  1   0   c02
.............................................................Gcacguccugugagggguggag..................  1   1   c02
.............................................................ucacguccugugagggguggag..................  9   0   c02
.............................................................ucacguccugugagggguggagU.................  4   1   c02
.............................................................ucacguccugugagggguggagA.................  1   1   c02

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....................uUaucccucacaggauguaac.....................................................  1   1   c15
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....................ucaucccucacaggauguaacu....................................................  50  0   c15
....................ucaucccucacaggauguaacA....................................................  1   1   c15
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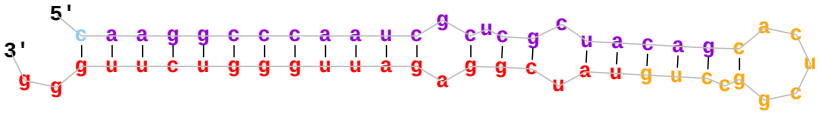
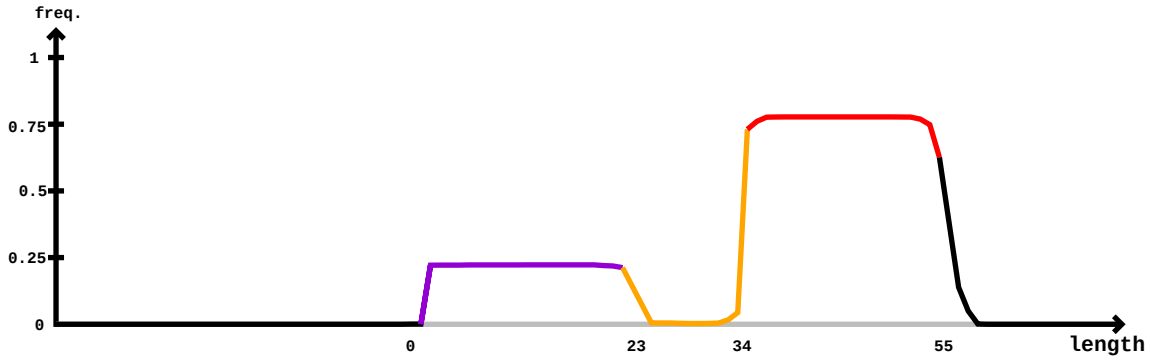
....................ucaucccucacaggauguaacuA...................................................  1   1   c15
....................ucaucccucacaggauguaacuC...................................................  3   1   c15
....................ucaucccucacaggauguaacuu...................................................  1   0   c15
....................ucccucacaggauguaacu.......................................................  1   0   c15
....................ucccucacaggauguaacuug.....................................................  2   0   c15
....................ucccucacaggauguaacuugu....................................................  54  0   c15
....................ucccucacaggauguaacuuguc...................................................  4   0   c15
....................ucccucacaggauguaacuuguU...................................................  1   1   c15
....................ucccucacaggauguaacuuguUu..................................................  1   1   c15
....................ucccucacaggauguaacuugucu...................................................  1   0   c15
......................cccucacaggauguaacu.......................................................  1   0   c15
......................ccucacaggauguaacuugucuu..................................................  1   0   c15
.............................................................ugagucacguccugugaggggu..................  2   0   c15
.............................................................ucacguccugugaggggugga...................  1   0   c15
.............................................................ucacguccugugagggguggag..................  10  0   c15
.............................................................ucacguccugugagggguggaU..................  5   1   c15
.............................................................ucacguccugugagggguggaA..................  1   1   c15
.............................................................ucacguccugugagggguggagC.................  2   1   c15
.............................................................ucacguccugugagggguggagU.................  6   1   c15
```

Provisional ID	:	group19_29141
Score total	:	1568.5
Score for star read(s)	:	3.9
Score for read counts	:	1561.7
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	3075
Mature read count	:	2396
Loop read count	:	0
Star read count	:	679





Star **Mature**

```
5'- aggacaggcaagcagcgaucaaauaaguauuauacgcaaggcccaaucgcucgcuacagcacucggccuguaucggagauugggucuuggguuugguacuuaagacguc -3'   obs
    aggacaggcaagcagcgaucaaauaaguauuauacgcaaggcccaaucgcucgcuacagcacucggccuguaucggagauugggucuuggguuugguacuuaagacguc       exp
    ..............(((.((...((((((((((.((.(((((((((((((.(.((.((((((.....).)))))).))).))))))))))))).)).)))))))))).)))))).
```

	reads	mm	sample
.....aaggcccaaucgcucgcu.....	2	0	c09
.....Caggcccaaucgcucgcua.....	1	1	c09
.....aaggcccaaucgcucgcuac.....	3	0	c09
.....aaggcccaaucgcucgUuaca.....	1	1	c09
.....aaggcccaaucgcucgcuaca.....	56	0	c09
.....Caggcccaaucgcucgcuaca.....	2	1	c09
.....aaggcccaaucgcucgcuacaU.....	2	1	c09
.....aaggcccaaucgcuUgcuacag.....	1	1	c09
.....aaggcccaaucgcucgcuacag.....	40	0	c09
.....Caggcccaaucgcucgcuacag.....	6	1	c09
.....aaggcccaaucgcucgcuacagU.....	2	1	c09
.....aaggcccaaucgcucgcuacagcac.....	1	0	c09
.....aaggcccaaucgcucgcuacagcacu.....	4	0	c09
.....aaggcccaaucgcucgcuacagcacuU.....	1	1	c09
.....aaggcccaaucgcucgcuacagcacuc.....	3	0	c09
.....aaggcccaaucgcucgcuacagcacucggccugua.....	2	0	c09
.....cccaaucgcucgcuacag.....	1	0	c09
.....cgcucgcuacagcacucggccugu.....	1	0	c09
.....ggccuguaucggagauugggucuugg.....	2	0	c09
.....ggccuguaucggagauugggucuuggU.....	1	1	c09
.....cuguaucggagauugggucuugg.....	1	0	c09
.....uguaucggagauugggucuugU.....	4	1	c09
.....uguaucggagauugggucuugg.....	1	0	c09
.....uguaucggagauugggucuugC.....	1	1	c09
.....uguaucggagauugggucuuggU.....	2	1	c09
.....uguaucggagauugggucuuggA.....	1	1	c09
.....uguaucggagauugggucuuggAu.....	1	1	c09
.....guaucggagauugggucuC.....	1	1	c09
.....guaucggagauugggucuugg.....	3	0	c09
.....guaucggagauugggucuugA.....	1	1	c09
.....guaucggagauugggucuugU.....	6	1	c09
.....guaucggagauugggucuuggU.....	4	1	c09
.....guaucggagauugggucuuggA.....	3	1	c09

Star Mature

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.....guaucggagauugggucuuggUu.....	1	1	c09
.....uaucggagauugggucuu.....	7	0	c09
.....uaucggagauugggucuug.....	11	0	c09
.....uaucggagauugggucuugU.....	17	1	c09
.....Gaucggagauugggucuugg.....	2	1	c09
.....uaucggagauugggucuugA.....	1	1	c09
.....uaucggagauugggucuugC.....	1	1	c09
.....uaucggagauugggucuugg.....	41	0	c09
.....uaucggagauugggucuuggg.....	1	0	c09
.....uaucggagauugggucuuggC.....	3	1	c09
.....uaucggagauugggucuuggU.....	140	1	c09
.....uaucggagauugggucuuggA.....	44	1	c09
.....uaucggagauugggucuuggUu.....	38	1	c09
.....uaucggagauugggucuugggA.....	1	1	c09
.....uaucggagauugggucuuggCu.....	2	1	c09
.....uaucggagauugggucuuggAu.....	9	1	c09
.....uaucggagauugggucuugggu.....	3	0	c09
.....uaucggagauugggucuugggG.....	1	1	c09
.....uaucggagauugggucuuggAuu.....	5	1	c09
.....uaucggagauugggucuuggguu.....	1	0	c09
.....uaucggagauugggucuuggUuu.....	38	1	c09
.....uaucggagauugggucuuggUuuu.....	11	1	c09
.....uaucggagauugggucuuggguuuU.....	1	1	c09
.....aucggagauugggucuuggU.....	4	1	c09
.....aucggagauugggucuuggA.....	1	1	c09
.....aucggagauugggucuuggAu.....	1	1	c09
.....aucggagauugggucuuggUu.....	9	1	c09
.....aucggagauugggucuuggUuu.....	6	1	c09
.....aucggagauugggucuuggguuu.....	1	0	c09
.....ucggagauugggucuugg.....	1	0	c09
.....ucggagauugggucuuggU.....	2	1	c09
.....ucggagauugggucuuggUu.....	1	1	c09
.....ucggagauugggucuuggUuu.....	3	1	c09
.....ucggagauugggucuuggUuuu.....	2	1	c09
.....cggagauugggucuuggU.....	2	1	c09

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.....guaucggagauugggucuugU.....	2	1	c04
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.....aucggagauugggucuuggguu.....	1	0	c04
.....aucggagauugggucuuggUuuu.....	1	1	c04

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.....aaggcccaaucgcucgcu.....	2	0	c16
.....aaggcccaaucgcucgcua.....	3	0	c16
.....aaggcccaaucgcucgcuac.....	9	0	c16
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.....aaggcccaaucgcucgcuacaU.....	3	1	c16

Star Mature

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.....aggcccaaucgcucgcuacagcacuc.....	1	0	c16
.....cccaaucgcucgcuacag.....	1	0	c16
.....uguaucggagauuggguc.....	1	0	c16
.....uguaucggagauugggucuug.....	1	0	c16
.....uguaucggagauugggucuugU.....	5	1	c16
.....uguaucggagauugggucuugg.....	1	0	c16
.....uguaucggagauugggucuugC.....	1	1	c16
.....Guaucggagauugggucuugg.....	1	1	c16
.....uguaucggagauugggucuuggU.....	1	1	c16
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.....uaucggagauugggucuugggu.....	11	0	c16
.....uaucggagauuggCucuugggu.....	1	1	c16
.....uaucggagauugggucuuggCu.....	3	1	c16
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.....uaucggagauugggucuuggguA.....	1	1	c16
.....uaucggagauugggucuuggAuu.....	1	1	c16
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.....uaucggagauugggucuuggguuu.....	2	0	c16
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.....aucggagauugggucuuggUu.....	5	1	c16
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Star Mature

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.....aucggagauugggucuuggUu.....	3	1	c15
.....aucggagauugggucuuggAuu.....	1	1	c15
.....aucggagauugggucuuggUuu.....	7	1	c15
.....aucggagauugggucuuggCuu.....	2	1	c15
.....aucggagauugggucuugggu.....	4	0	c15
.....aucggagauugggucuuggguuu.....	1	0	c15
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.....aaggcccaaucgcuAgcuacag.....	1	1	c02
.....aaggcccaaucgcucgcuacag.....	32	0	c02
.....aaggcccaaucgcucgcuacagcacuUggccugu.....	1	1	c02
.....ccuguaucggagauugggucuugg.....	1	0	c02
.....cuguaucggagauugggucuuU.....	1	1	c02
.....cuguaucggagauugggucuug.....	2	0	c02
.....uguaucggagauugggucu.....	1	0	c02
.....Guaucggagauugggucuug.....	1	1	c02
.....uguaucggagauugggucuugg.....	1	0	c02
.....uguaucggagauugggucuugU.....	3	1	c02
.....uguaucggagauugggucuugA.....	2	1	c02
.....uguaucggagauugggucuuggUu.....	1	1	c02
.....guaucggagauugggucuugA.....	1	1	c02
.....guaucggagauugggucuugg.....	2	0	c02

Star Mature

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.....guaucggagauugggucuugU.....	3	1	c02
.....guaucggagauugggucuuggU.....	1	1	c02
.....uaucggagauugggucuu.....	5	0	c02
.....uaucggagauugggucuuU.....	2	1	c02
.....uaucggagauugggucuug.....	14	0	c02
.....uaucggagauugggucuugg.....	42	0	c02
.....uaucggagCuugggucuugg.....	1	1	c02
.....uaucggagauugggucuugA.....	2	1	c02
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.....Gaucggagauugggucuugg.....	6	1	c02
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.....uaucggagauugggucuuggCuu.....	2	1	c02
.....uaucggagauugggucuuggUuuu.....	31	1	c02
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.....aucggagauugggucuuggU.....	4	1	c02
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.....aucggagauugggucuuggUuuu.....	1	1	c02
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Score total	:	53808.7
Score for star read(s)	:	3.9
Score for read counts	:	53804
Score for mfe	:	-0.1
Score for randfold	:	1.6
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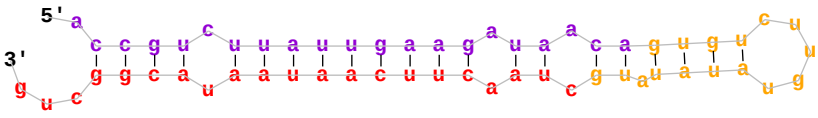

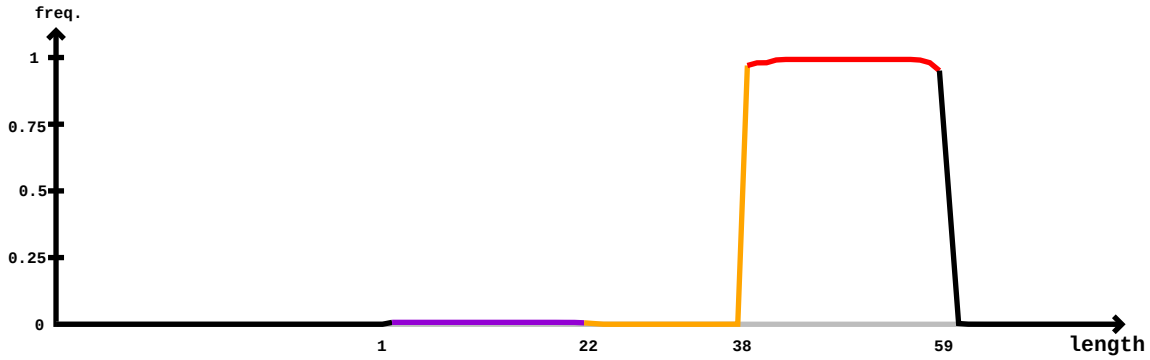

Star **Mature**

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    cuuccacaccaagccgguuucuuuaguucuuugaccgucuuauugaagauaacagugucuuguauauaugcuaacuucaauaauacggcuggagcgcuaaagguagucu        exp
    .......(((.....))).(((((((((.(((((.((((.((((((((((.((.((((((.....)))))..)).)).)))))))))).)))))).)))))).)))))..... reads     mm        sample
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    ..............................................................cuaacuucaauaauacggcugA................... 2         1         c04
    ..............................................................cuaacuucaauaauacggcugg................... 4         0         c04
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Star Mature

cuuccacaccaagccgguuucuuuaguucuuugaccgucuuauugaagauaacagugucuuguauauaugcuaacuucaauaauacggcuggagcgcuaaagguagucu

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.....cuaacuucaauaauacggcugAa.....	1	1	c04
.....cuaacuucaauaauacggcuggG.....	1	1	c04
.....cuaacuucaauaauacggcugga.....	1	0	c04
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.....acuucCauaauacggcug.....	1	1	c04
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Star Mature

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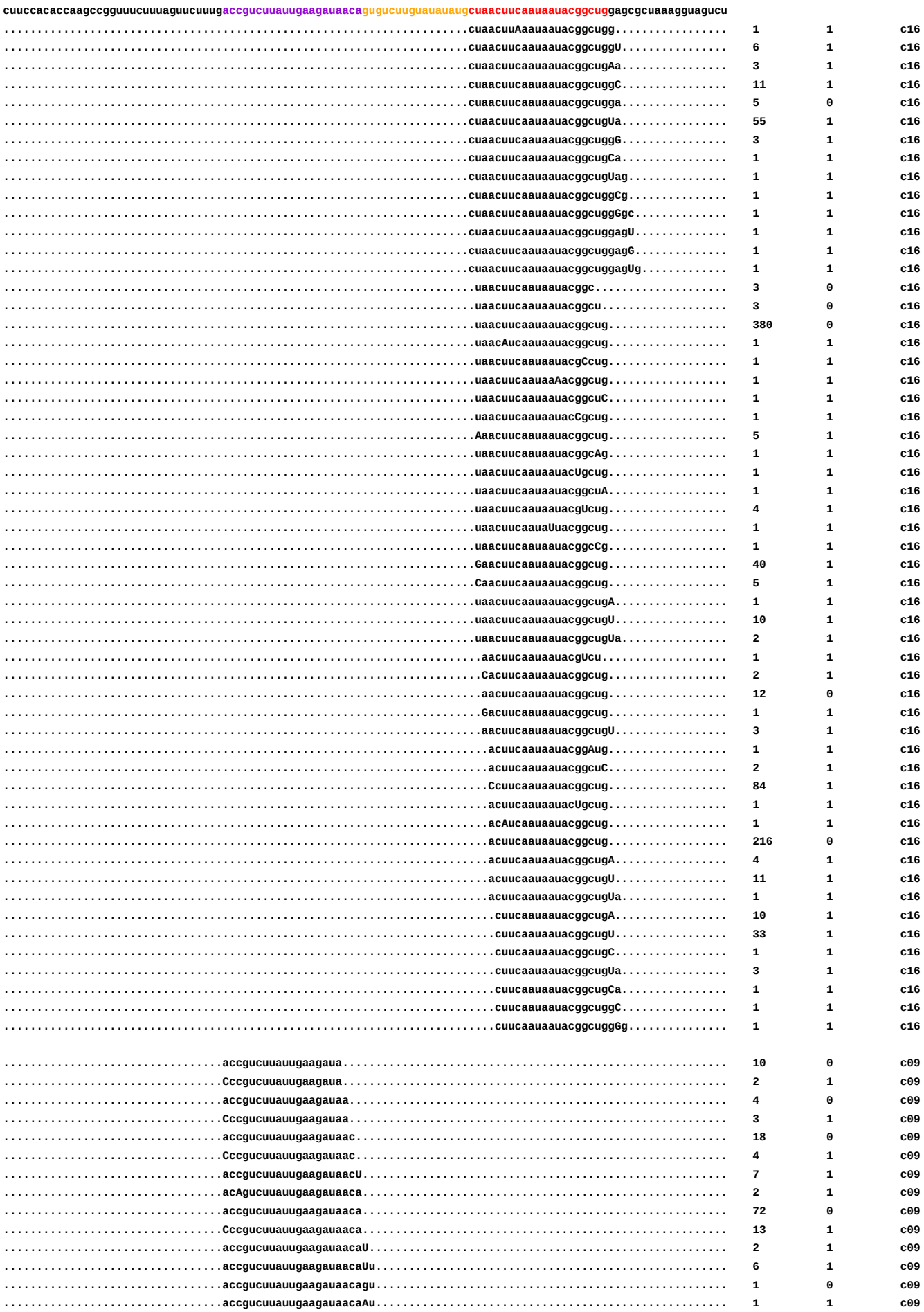
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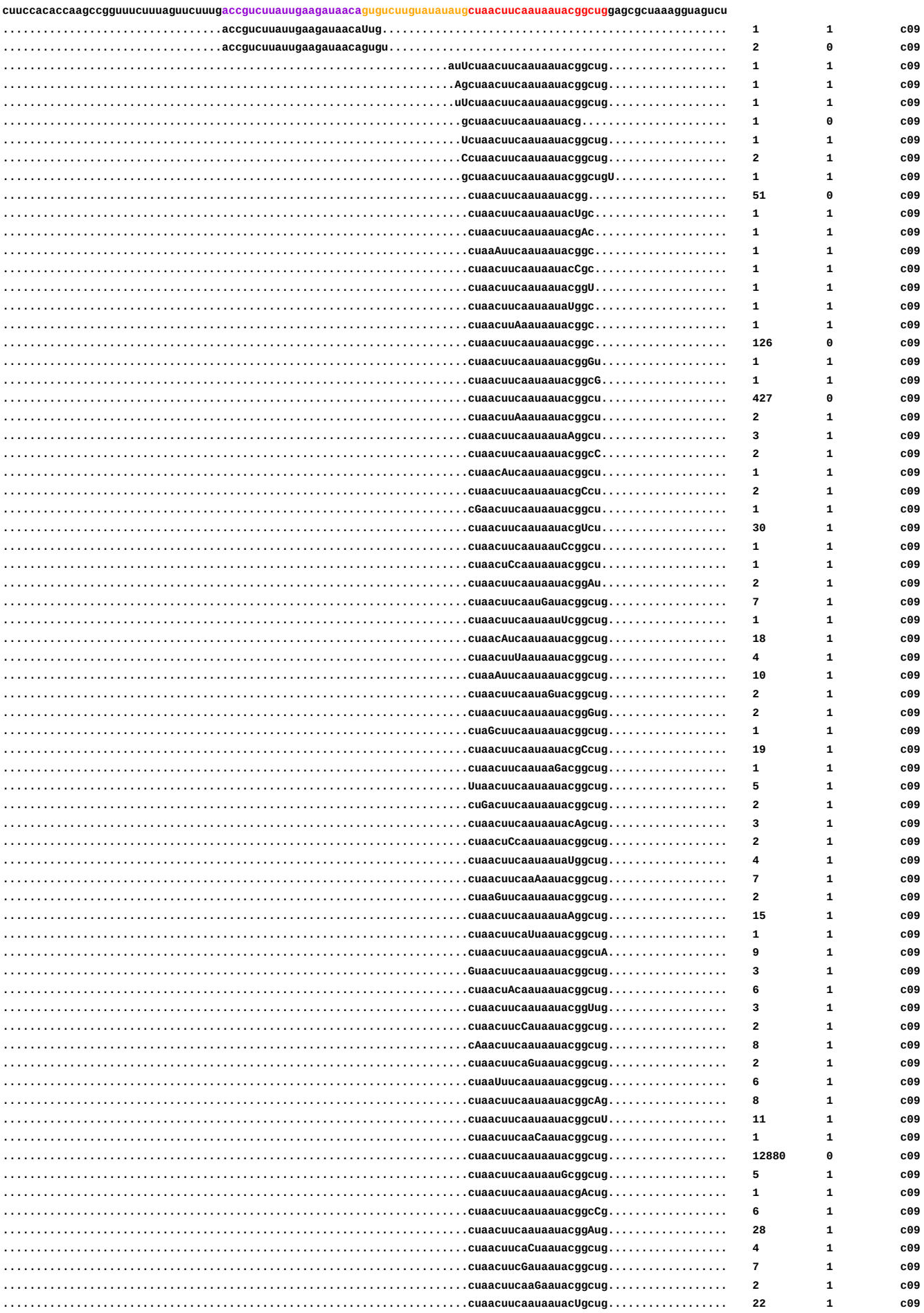
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.....cuaacuAcaauaauacggcug..... 6 1 c09
.....cuaacuucaauaauacggUug..... 3 1 c09
.....cuaacuucCauaauacggcug..... 2 1 c09
.....cAaacuucaauaauacggcug..... 8 1 c09
.....cuaacuucaGuaauacggcug..... 2 1 c09
.....cuaaUuucaauaauacggcug..... 6 1 c09
.....cuaacuucaauaauacggcAg..... 8 1 c09
.....cuaacuucaauaauacggcuU..... 11 1 c09
.....cuaacuucaaCaauacggcug..... 1 1 c09
.....cuaacuucaauaauacggcug..... 12880 0 c09
.....cuaacuucaauaauGcggcug..... 5 1 c09
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.....cuaacuucaCuaauacggcug..... 4 1 c09
.....cuaacuucGauaauacggcug..... 7 1 c09
.....cuaacuucaaGaauacggcug..... 2 1 c09
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Star Mature

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.....cuaacuucaauaauacggcuC.....	23	1	c09
.....cuaacuucUauaauacggcug.....	1	1	c09
.....cuaacuucaauaauacCgcug.....	14	1	c09
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.....cuaacuucaauaauaGggcug.....	3	1	c09
.....cGaacuucaauaauacggcug.....	2	1	c09
.....cuaacuucaauaCuacggcug.....	5	1	c09
.....cuaacuucaauaauacgUcug.....	42	1	c09
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.....cuaacuucaauaauacggcugU.....	293	1	c09
.....cuaacuucaauaauacggcugA.....	81	1	c09
.....cuaacuucaauaauacggcuUg.....	1	1	c09
.....cuaacuucaauaauacggcugg.....	42	0	c09
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.....cuaacuucaauaauacggcuggG.....	7	1	c09
.....cuaacuucaauaauacggcugAa.....	1	1	c09
.....cuaacuucaauaauacggcugUa.....	20	1	c09
.....cuaacuucaauaauacggcugCa.....	1	1	c09
.....cuaacuucaauaauacggcuggU.....	4	1	c09
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.....cuaacuucaauaauacggcuggGg.....	2	1	c09
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.....uaacuucaauaauacggcu.....	5	0	c09
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.....Gaacuucaauaauacggcug.....	7	1	c09
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.....Caacuucaauaauacggcug.....	1	1	c09
.....uaacuucaauaauaGggcug.....	1	1	c09
.....uaacuucaauaauacggcug.....	99	0	c09
.....uaacuucaauaauacggcugU.....	7	1	c09
.....uaacuucaauaauacggcugA.....	1	1	c09
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.....Gacuucaauaauacggcug.....	1	1	c09
.....aacuucaauaauacggcugU.....	1	1	c09
.....acuucaauaauacUgcug.....	2	1	c09
.....acuucaauaauacggAug.....	1	1	c09
.....acuucaauaauacCgcug.....	1	1	c09
.....acAucaauaauacggcug.....	1	1	c09
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.....aAuucaauaauacggcug.....	1	1	c09
.....Ccuucaauaauacggcug.....	34	1	c09
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.....acuucaauaauacggcugU.....	15	1	c09
.....acuucaauaauacggcugUa.....	2	1	c09
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.....cuucaauaauacggcugC.....	3	1	c09
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Star Mature

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.....ucaauaauacggcuggGgc.....	1	1	c09
.....accgucuuauugaagauaac.....	3	0	c02
.....accgucuuauugaGgauaaca.....	1	1	c02
.....accgucuuauugaagauaaca.....	9	0	c02
.....Cccgucuuauugaagauaaca.....	6	1	c02
.....accgucuuauugaagauaacU.....	1	1	c02
.....accgucuuauugaagauaacaU.....	1	1	c02
.....accgucuuauugaagauaacaUu.....	2	1	c02
.....AcuaacuucaauaauacggcUg.....	2	1	c02
.....cuaacuucaauaauacgA.....	1	1	c02
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.....cuaacuucaauaauacgg.....	102	0	c02
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.....cuaacuucaauaauGcggcu.....	1	1	c02
.....cuaacuucaaAaauacggcu.....	1	1	c02
.....cuaacuucaauaauacgAcu.....	1	1	c02
.....cuaacuucaauaaAacggcu.....	1	1	c02
.....cuaacuucaauaauacggcC.....	5	1	c02
.....cuaacuCcaauaauacggcu.....	1	1	c02
.....cuaacuucaauaauacggcu.....	621	0	c02
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.....cuaacuucaauaauacgUcu.....	791	1	c02
.....cuaCcuucaauaauacggcu.....	1	1	c02
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.....cuaacuucGauaauacggcug.....	23	1	c02
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.....cuaacuucaUuaauacggcug.....	5	1	c02
.....cuaacuucaauaauCcggcug.....	11	1	c02
.....cuaacuuAaauaauacggcug.....	69	1	c02
.....cuaacuucCauaauacggcug.....	7	1	c02
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.....cuaacuucaauaauacggcuC.....	44	1	c02
.....cuaacuucaauaauaUggcug.....	15	1	c02
.....cuaacuucaauaauUcggcug.....	6	1	c02
.....cuaacuuUaauaauacggcug.....	15	1	c02
.....cuaacuucaauaauGcggcug.....	9	1	c02
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.....cuaacuucaauaaCacggcug.....	14	1	c02
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.....cuaacuAcaauaauacggcug.....	29	1	c02
.....Guaacuucaauaauacggcug.....	4	1	c02
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Star Mature

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.....cuaacuucaauaauacggUug.....	3	1	c02
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.....cuaacAucaauaauacggcug.....	39	1	c02
.....cuaacuucaauaauacggcuA.....	8	1	c02
.....cuaaGuucaauaauacggcug.....	4	1	c02
.....cuaacuucaauaaGacggcug.....	4	1	c02
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.....cuaacuucaauaGuacggcug.....	4	1	c02
.....cuaacuucaauaauacggcCg.....	26	1	c02
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.....cuaacuucaauaauacggGug.....	2	1	c02
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.....cuaacuucaauaauacggcugA.....	196	1	c02
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.....cuaacuucaauaauacggcugAag.....	1	1	c02
.....cuaacuucaauaauacggcuggaC.....	1	1	c02
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.....uaacuucaauaauacggc.....	1	0	c02
.....uaacuucaauaauacggcu.....	3	0	c02
.....uaacuucaauaauacgUcu.....	7	1	c02
.....Aaacuucaauaauacggcug.....	1	1	c02
.....uaacuuAaauaauacggcug.....	1	1	c02
.....uaacuucaauaauacggcuC.....	1	1	c02
.....uaacCucaauaauacggcug.....	1	1	c02
.....uaacuucaauaauaAggcug.....	2	1	c02
.....uaacuucaauaauacggcuA.....	1	1	c02
.....uaacuucaauaauacgCcug.....	1	1	c02
.....uaacuucaaCaauacggcug.....	1	1	c02
.....Caacuucaauaauacggcug.....	2	1	c02
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.....uGacuucaauaauacggcug.....	2	1	c02
.....uaacuucaauaauacggcugU.....	8	1	c02
.....uaacuucaauaauacggcugC.....	1	1	c02
.....uaacuucaauaauacggcugA.....	5	1	c02
.....uaacuucaauaauacggcugUa.....	2	1	c02
.....aacuucaauaauacggcug.....	5	0	c02
.....Cacuucaauaauacggcug.....	1	1	c02
.....aacuucaauaauacggcugU.....	2	1	c02
.....acuucaauaauacggAug.....	1	1	c02
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Star Mature

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.....cuaacuucaauaauacggAug.....	2	1	c15
.....cuaacuuGaauaauacggcug.....	2	1	c15
.....cuaacuucaauaauacgAcug.....	2	1	c15
.....cuaacCucaauaauacggcug.....	2	1	c15
.....cuaacuucaauaauacAgcug.....	4	1	c15
.....cuaacuucaauaauaAggcug.....	3	1	c15
.....cuaacuucaauaauacggcuU.....	18	1	c15
.....cuaacuAcaauaauacggcug.....	3	1	c15
.....cuaacuucaaAaauacggcug.....	5	1	c15
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Star Mature

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.....cuaacuucaauaauacggcCg.....	14	1	c15
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.....cuaacuucaauaauacggcuA.....	631	1	c15
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.....cuaacuucaauaauacggcGg.....	22	1	c15
.....Guaacuucaauaauacggcug.....	2	1	c15
.....cuaacuucaauaauaGggcug.....	2	1	c15
.....cuaacuucaGuaauacggcug.....	1	1	c15
.....cuaacuuAaauaauacggcug.....	1	1	c15
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.....cuaacuucaauaauaUggcug.....	11	1	c15
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.....uaacuucaauaauacggcugU.....	5	1	c15
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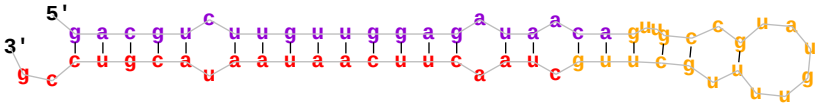
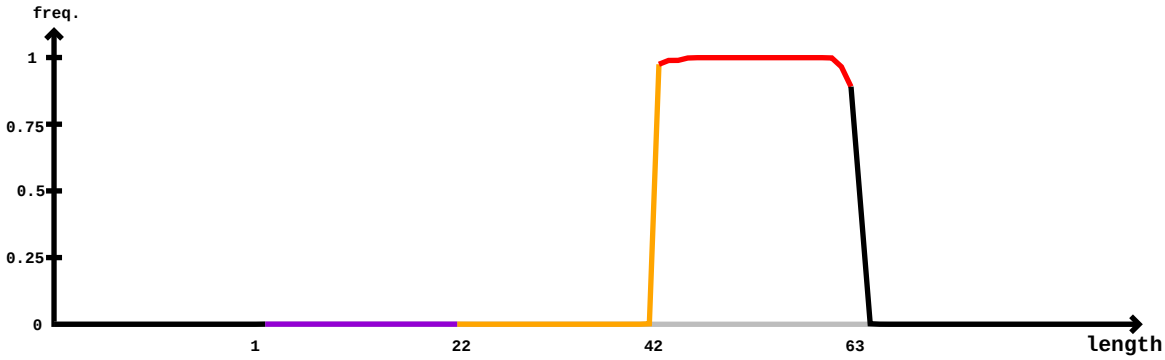
Score total	:	308616.4
Score for star read(s)	:	3.9
Score for read counts	:	308610.5
Score for mfe	:	1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	605338
Mature read count	:	605001
Loop read count	:	56
Star read count	:	281





Star **Mature**

```
5'- gaccugucuuuugugcucugGACGUCUUGUUGGAGAUAACAGUUGCCGUAUGUUUUGCUUGCUAACUUCAAUAAUACGUCCGAAGCGCUAAAGGUUUUCAACUAGAAGAAU -3'   obs
    gaccugucuuuugugcucugGACGUCUUGUUGGAGAUAACAGUUGCCGUAUGUUUUGCUUGCUAACUUCAAUAAUACGUCCGAAGCGCUAAAGGUUUUCAACUAGAAGAAU       exp
    ......(((((.(((((.(((((((.((((((((((.((.(((..((.(......).)))))..)).)))))))))).)))))))).)))))..(((((.....)))))..   reads     mm        sample
    ..................uggacgucuuguuggagauaac.....................................................................   1         0         c15
    ..................gacgucuuguuggagauaac......................................................................   9         0         c15
    ..................gacgucuuguuggagauaaca.....................................................................   190       0         c15
    ..................Uacgucuuguuggagauaaca.....................................................................   3         1         c15
    ..................gacgucuuguuggagauaaAa.....................................................................   1         1         c15
    ..................gacgucuuguuggagauaacU.....................................................................   1         1         c15
    ..................gaUgucuuguuggagauaaca.....................................................................   1         1         c15
    ..................gacgucuuguuggagauaacaA....................................................................   1         1         c15
    ..................gacgucuuguuggagauaacag....................................................................   1         0         c15
    ..................acgucuuguuggagauaaca......................................................................   1         0         c15
    ........................................guugccguauguuuugcuug.....................................................   29        0         c15
    ........................................guugccguauguuuugcuuA.....................................................   2         1         c15
    ........................................guugccguauguuuugcuugU.....................................................   4         1         c15
    ..............................................................uugcuaacuucaauaauacguc.....................   3         0         c15
    ..............................................................ugcuaacuucaauaauacguccg....................   1         0         c15
    ..............................................................gcuaacuucaauaauacgucc......................   14        0         c15
    ..............................................................Ccuaacuucaauaauacgucc......................   1         1         c15
    ..............................................................gAuaacuucaauaauacguccg.....................   1         1         c15
    ..............................................................Ucuaacuucaauaauacguccg.....................   2         1         c15
    ..............................................................gcuaacuucaauaauacguccA.....................   13        1         c15
    ..............................................................Ccuaacuucaauaauacguccg.....................   5         1         c15
    ..............................................................gcuaacuucaauaauacgucCC.....................   1         1         c15
    ..............................................................gcuaacuucaauaauacguccg.....................   161       0         c15
    ..............................................................gcuaacuucaauaauacguccga....................   1         0         c15
    ..............................................................gcuaacuucaauaauacguccgU....................   6         1         c15
    ..............................................................cuaacuucaauaauacgu.........................   16        0         c15
    ..............................................................cuaacuucaauaauacgC.........................   1         1         c15
    ..............................................................cuaacuucaauaauacgAc........................   9         1         c15
    ..............................................................cuaacuuUaauaauacguc........................   1         1         c15
    ..............................................................cGaacuucaauaauacguc........................   1         1         c15
    ..............................................................cuaacuucaauaauacguc........................   874       0         c15
    ..............................................................cuaacuucaauaauaUguc........................   2         1         c15
    ..............................................................cuaacuucaauaGuacguc........................   1         1         c15
```

Star Mature

gaccugucuuuugugcucuggacgucuuguuggagauaacaguugccguauguuuugcuugcuaacuucaauaauacguccgaagcgcuaaagguuuucaacuagaagaau

.....cuaacuucaauaauacgCc.....	1	1	c15
.....Uuaacuucaauaauacguc.....	1	1	c15
.....Guaacuucaauaauacgucc.....	1	1	c15
.....Uuaacuucaauaauacgucc.....	2	1	c15
.....cuaacuucaauaauaUgucc.....	1	1	c15
.....cuaacuuAaauaauacgucc.....	1	1	c15
.....cuaacuucaauaUuacgucc.....	1	1	c15
.....cuaacuucaaAaauacgucc.....	1	1	c15
.....cuaacuucaauaauacgucG.....	2	1	c15
.....cuaacuucaauaauacgucA.....	35	1	c15
.....cuaacuucaauaauacgucU.....	9	1	c15
.....cCaacuucaauaauacgucc.....	1	1	c15
.....cuaacuucaauaauacgCcc.....	1	1	c15
.....cuaacuucaauUauacgucc.....	1	1	c15
.....cuaacuuUaauaauacgucc.....	1	1	c15
.....cuaacuucaauaauacgucc.....	1015	0	c15
.....cuaacuucaauaauacgGcc.....	2	1	c15
.....cuaacuucaauaauacgucCC.....	159	1	c15
.....cuaacuucaUuaauacguccg.....	8	1	c15
.....cuaacuucaauaauCcguccg.....	3	1	c15
.....cuaacuucCauaauacguccg.....	2	1	c15
.....cuaacuucaauaUuacguccg.....	8	1	c15
.....cuaacuucaaCaauacguccg.....	4	1	c15
.....cuaacuucUauaauacguccg.....	8	1	c15
.....cuaacuucaauaauacguccg.....	52940	0	c15
.....cuaGcuucaauaauacguccg.....	1	1	c15
.....cuaacuucaauaauaGguccg.....	12	1	c15
.....cuaacuucaauaauacguccA.....	5311	1	c15
.....cuaacuucaauaauacgucUg.....	71	1	c15
.....cuaacuucaauGauacguccg.....	12	1	c15
.....cuaacuucaauaaAacguccg.....	12	1	c15
.....Guaacuucaauaauacguccg.....	9	1	c15
.....cuaUcuucaauaauacguccg.....	4	1	c15
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.....cuaacuucaauaaGacguccg.....	2	1	c15
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.....cuaacuuAaauaauacguccg.....	12	1	c15
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.....cuaacuucaauaauacguGcg.....	3	1	c15
.....cuaacuucaauaauacAuccg.....	18	1	c15
.....Auaacuucaauaauacguccg.....	31	1	c15
.....cuaacuucaauaauacguccU.....	334	1	c15
.....cuaacuCcaauaauacguccg.....	12	1	c15
.....cuaacuucaauaauacgucGg.....	36	1	c15
.....cuaacuucaauaauacgCccg.....	27	1	c15
.....cGaacuucaauaauacguccg.....	31	1	c15
.....cuaacuucaauaauacgGccg.....	14	1	c15
.....cuaaAuucaauaauacguccg.....	6	1	c15
.....cuaacuucaauaauaAguccg.....	6	1	c15
.....cuaacuuGaauaauacguccg.....	18	1	c15
.....cuaacuucaGuaauacguccg.....	5	1	c15
.....cCaacuucaauaauacguccg.....	20	1	c15
.....cuaacuucaauaauacgucAg.....	47	1	c15
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.....cuaacuucaauaauUcguccg.....	3	1	c15
.....cuaacuucaauUauacguccg.....	6	1	c15
.....cuaacuucaauaauacCuccg.....	5	1	c15
.....cuaacuucaauaauacUuccg.....	10	1	c15
.....cuaacGucaauaauacguccg.....	17	1	c15
.....cuaacCucaauaauacguccg.....	7	1	c15
.....cuaacAucaauaauacguccg.....	13	1	c15

Star Mature

gaccugucuuuugugcucuggacgucuuguuggagauaacaguugccguauguuuugcuugcuaacuucaauaauacguccgaagcgcuaaagguuuucaacuagaagaau

.....cuaaGuucaauaauacguccg.....	2	1	c15
.....cuaacuucaauaauacguAcg.....	5	1	c15
.....cuGacuucaauaauacguccg.....	11	1	c15
.....cuUacuucaauaauacguccg.....	2	1	c15
.....cuaacuAcaauaauacguccg.....	5	1	c15
.....cuaacuGcaauaauacguccg.....	2	1	c15
.....cuaacuucaauaaCacguccg.....	10	1	c15
.....cuaacuucaauaauacguccCa.....	3	1	c15
.....cuaacuucaauaauacguccga.....	449	0	c15
.....cuaacuucaauaauacguccAa.....	6	1	c15
.....cuaacuucaauGauacguccga.....	1	1	c15
.....cuaacuucaauaauacgAccga.....	1	1	c15
.....cuaacuucaauaauacguccUa.....	1	1	c15
.....cuaacuucaauaauacguccgC.....	300	1	c15
.....cuaacuucaauaauacguccgU.....	2178	1	c15
.....cuaacuucaauaaAacguccga.....	1	1	c15
.....cuaacuucaauaGuacguccga.....	1	1	c15
.....cuaacuucaauaauacgucAga.....	1	1	c15
.....cuaacuucaauaauacguccgaC.....	2	1	c15
.....cuaacuucaauaauacguccgaU.....	48	1	c15
.....cuaacuucaauaauacguccgUa.....	19	1	c15
.....cuaacuucaauaauacguccgGa.....	3	1	c15
.....cuaacuucaauaauacguccgaa.....	38	0	c15
.....cuaacuucaauaauacguccgUag.....	1	1	c15
.....cuaacuucaauaauacguccgaaU.....	19	1	c15
.....cuaacuucaauaauacguccgaaA.....	6	1	c15
.....cuaacuucaauaauacguccgaGg.....	2	1	c15
.....cuaacuucaauaauacguccgaaUc.....	1	1	c15
.....cuaacuucaauaauacguccgUagc.....	1	1	c15
.....uaacuucaauaauacguc.....	17	0	c15
.....uaacuucaauaauacgucc.....	10	0	c15
.....uaacuucaauaauacgGccg.....	1	1	c15
.....uaacuAcaauaauacguccg.....	1	1	c15
.....uaacuucaauaauacgAccg.....	2	1	c15
.....uaacuucUauaauacguccg.....	1	1	c15
.....uaacuucaauaauacguccU.....	6	1	c15
.....Gaacuucaauaauacguccg.....	1	1	c15
.....uaacuucGauaauacguccg.....	1	1	c15
.....uaacuucaauaauacguccA.....	149	1	c15
.....uaacuucaauaauacguccC.....	1	1	c15
.....uaaUuucaauaauacguccg.....	1	1	c15
.....Caacuucaauaauacguccg.....	2	1	c15
.....uUacuucaauaauacguccg.....	1	1	c15
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.....uaacuucaauaauacguccgU.....	39	1	c15
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.....uaacuucaauaauacguccgaa.....	1	0	c15
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.....aacuucaauaauacguccA.....	1	1	c15
.....aacuucaauaauacguccg.....	7	0	c15
.....acuucaauaauacguccC.....	1	1	c15
.....acuucaauaauacguccg.....	6	0	c15

.....uggacgucuuAuuggagauaa.....	3	1	c02
.....uggacgucuuAuuggagauaac.....	1	1	c02
.....guugccguauguuuugcu.....	1	0	c02
.....guugccguauguuuugcuug.....	5	0	c02
.....gcuuCcuaacuucaauaauacgucc.....	1	1	c02
.....cuuUcuaacuucaauaauacguccg.....	1	1	c02
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.....Gugcuaacuucaauaauacguc.....	1	1	c02
.....Cugcuaacuucaauaauacguccg.....	1	1	c02
.....uuUcuaacuucaauaauacguccg.....	1	1	c02
.....uCcuaacuucaauaauacgucc.....	1	1	c02
.....uUcuaacuucaauaauacguccg.....	1	1	c02
.....uCcuaacuucaauaauacguccg.....	2	1	c02
.....Ccuaacuucaauaauacguc.....	1	1	c02
.....gcuaacuucaauaauacguc.....	5	0	c02

Star Mature

gaccugucuuuugugcucuggacgucuuguuggagauaacaguugccguauguuuugcuugcuaacuucaauaauacguccgaagcgcuaaagguuuucaacuagaagaau

.....Acuaacuucaauaauacguc.....	3	1	c02
.....gcuaacuucaauaauCcguc.....	1	1	c02
.....Acuaacuucaauaauacgucc.....	1	1	c02
.....gcuaacuucaauaauacgucc.....	15	0	c02
.....gcuaacuucaGuaauacgucc.....	1	1	c02
.....gcuaacuucaUuaauacguccg.....	1	1	c02
.....gcuaacuucaauaauacguccU.....	1	1	c02
.....gcuaacuAcaauaauacguccg.....	1	1	c02
.....gcuaacuucaauaauaAguccg.....	1	1	c02
.....Acuaacuucaauaauacguccg.....	2	1	c02
.....gcGaacuucaauaauacguccg.....	1	1	c02
.....gcuaacuucaGuaauacguccg.....	1	1	c02
.....gcuaacuucaauaauacguccg.....	133	0	c02
.....gcuaacuucaauaauacguAcg.....	1	1	c02
.....gcuaacuucaauaauacgucAg.....	1	1	c02
.....gcuaacuucaaAaauacguccg.....	1	1	c02
.....Ccuaacuucaauaauacguccg.....	7	1	c02
.....Ucuaacuucaauaauacguccg.....	7	1	c02
.....gcuaacuucaauaauacguccga.....	2	0	c02
.....gcuaacuucaauaauacguccgU.....	6	1	c02
.....cuaCcuucaauaauacgu.....	1	1	c02
.....cuaacuucaauaauCcgu.....	1	1	c02
.....cuaacuucaauaaAacgu.....	1	1	c02
.....cuaacuucaauaUuacgu.....	1	1	c02
.....cuaacuucaauaauaAgu.....	1	1	c02
.....cuaacuuAaauaauacgu.....	1	1	c02
.....cuaacuucaauaauacgu.....	315	0	c02
.....cuaacuucaauaauacgA.....	1	1	c02
.....cuaaAuucaauaauacguc.....	13	1	c02
.....cuaacuucaauaauacgAc.....	5	1	c02
.....cuaacuucaauUauacguc.....	2	1	c02
.....cuaacuucaauaaCacguc.....	1	1	c02
.....cuaacuucaaAaauacguc.....	7	1	c02
.....cuaacuuAaauaauacguc.....	27	1	c02
.....cuaacuucaauaaAacguc.....	6	1	c02
.....cuaacuucaaGaauacguc.....	1	1	c02
.....cuaacuucGauaauacguc.....	3	1	c02
.....cuaaUuucaauaauacguc.....	3	1	c02
.....cuaacuucaGuaauacguc.....	3	1	c02
.....cuaacuucaaCaauacguc.....	1	1	c02
.....cuaacuucaauaauacUuc.....	4	1	c02
.....cuaacGucaauaauacguc.....	1	1	c02
.....cuaacuucaCuaauacguc.....	1	1	c02
.....cuaacuucaauaauacCuc.....	11	1	c02
.....Auaacuucaauaauacguc.....	10	1	c02
.....cuaacuucaauaauCcguc.....	32	1	c02
.....cuaacuucaauaauacgCc.....	1	1	c02
.....cuaacuCcaauaauacguc.....	2	1	c02
.....cuaCcuucaauaauacguc.....	6	1	c02
.....cuaacuucUauaauacguc.....	1	1	c02
.....cuaacuucaauGauacguc.....	2	1	c02
.....cuaaGuucaauaauacguc.....	1	1	c02
.....cGaacuucaauaauacguc.....	3	1	c02
.....cuaacuucaauaauacAuc.....	9	1	c02
.....cuaacuucCauaauacguc.....	1	1	c02
.....cuaacuucaauaCuacguc.....	2	1	c02
.....cuaacuucaauaauUcguc.....	2	1	c02
.....cCaacuucaauaauacguc.....	1	1	c02
.....cuaacuucaauaauacguG.....	4	1	c02
.....cuaacAucaauaauacguc.....	20	1	c02
.....cuaacuuUaauaauacguc.....	3	1	c02
.....cAaacuucaauaauacguc.....	12	1	c02
.....cuaacuucaauaauacguc.....	9270	0	c02
.....cuCacuucaauaauacguc.....	3	1	c02
.....cuaacuAcaauaauacguc.....	12	1	c02
.....cuaacuucaauaauGcguc.....	2	1	c02
.....cuaacuucaauaauaGguc.....	3	1	c02
.....cuaacuucaauaauaAguc.....	24	1	c02
.....cuaacuucaauaGuacguc.....	2	1	c02
.....cuaGcuucaauaauacguc.....	3	1	c02

Star Mature

gaccugucuuuugugcucuggacgucuuguuggagauaacaguugccguauguuuugcuugcuaacuucaauaauacguccgaagcgcuaaagguuuucaacuagaagaau

.....cuaacuGcaauaauacguc.....	1	1	c02
.....cuaacuucaauaUuacguc.....	1	1	c02
.....cuaacuucaauaauaUguc.....	3	1	c02
.....cuGacuucaauaauacguc.....	1	1	c02
.....cuaacuucaUuaauacguc.....	1	1	c02
.....cuaacuucaauaauacguA.....	22	1	c02
.....Uuaacuucaauaauacguc.....	1	1	c02
.....cuaacuucaauaauGcgucc.....	7	1	c02
.....cuaacuucaauaaAacgucc.....	37	1	c02
.....cuaacuuGaauaauacgucc.....	4	1	c02
.....cuaacuucaauCauacgucc.....	2	1	c02
.....Auaacuucaauaauacgucc.....	31	1	c02
.....cuaacuucaauaGuacgucc.....	2	1	c02
.....cuaacuAcaauaauacgucc.....	35	1	c02
.....cuaacuucaauaauacguGc.....	2	1	c02
.....cuaacuucaauaauacCucc.....	53	1	c02
.....cuaacuucaauaauacgucc.....	30877	0	c02
.....cAaacuucaauaauacgucc.....	24	1	c02
.....cuaacuucaauaaGacgucc.....	5	1	c02
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.....cuaacuucaauaauacgAcc.....	32	1	c02
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.....cuaacuucaauaUuacgucc.....	8	1	c02
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.....cuaacuucaauaauaAgucc.....	84	1	c02
.....cuaacuuUaauaauacgucc.....	8	1	c02
.....cuaacuucaauaauacUucc.....	19	1	c02
.....cuaaUuucaauaauacgucc.....	18	1	c02
.....cuaacuucaauaCuacgucc.....	21	1	c02
.....cuaUcuucaauaauacgucc.....	6	1	c02
.....cuaacuucaauaaCacgucc.....	14	1	c02
.....cuaGcuucaauaauacgucc.....	4	1	c02
.....cuaCcuucaauaauacgucc.....	30	1	c02
.....cuaacuucaGuaauacgucc.....	7	1	c02
.....cGaacuucaauaauacgucc.....	5	1	c02
.....cuaacuucaaGaauacgucc.....	4	1	c02
.....cuaacuucaauaauacgGcc.....	5	1	c02
.....cuaaGuucaauaauacgucc.....	5	1	c02
.....cuaacuucUauaauacgucc.....	2	1	c02
.....cuaacAucaauaauacgucc.....	46	1	c02
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.....cuaacGucaauaauacgucc.....	5	1	c02
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.....cuaacCucaauaauacgucc.....	5	1	c02
.....cuaacuucaUuaauacgucc.....	1	1	c02
.....cuaacuucaaAaauacgucc.....	19	1	c02
.....cuaacuucaauaauacguAc.....	84	1	c02
.....cuaacuucaauaauaUgucc.....	17	1	c02
.....cuaacuucaauUauacgucc.....	1	1	c02
.....cuaacuucaauaauacgCcc.....	6	1	c02
.....cuaacuuAaauaauacgucc.....	54	1	c02
.....cuGacuucaauaauacgucc.....	5	1	c02
.....cuaacuGcaauaauacgucc.....	4	1	c02
.....cuCacuucaauaauacgucc.....	9	1	c02
.....cuaacuucaauaauacgucG.....	19	1	c02
.....cuaacuucaauaauacgcuU.....	791	1	c02
.....cuaacuucaauaauacAucc.....	10	1	c02
.....cuaacuucaauaauUcgucc.....	3	1	c02
.....cuaacuucaauGauacgucc.....	8	1	c02
.....cuaacuucaauaauacgcuA.....	232	1	c02
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.....cCaacuucaauaauacgucc.....	5	1	c02
.....Uuaacuucaauaauacgucc.....	13	1	c02
.....cuaacuucaauaauacguUc.....	8	1	c02
.....cuaacAucaauaauacguccg.....	284	1	c02
.....cuaacuuAaauaauacguccg.....	410	1	c02
.....cuaacuucUauaauacguccg.....	23	1	c02
.....cCaacuucaauaauacguccg.....	49	1	c02

Star Mature

gaccugucuuuugugcucuggacgucuuguuggagauaacaguugccguauguuuugcuugcuaacuucaauaauacguccgaagcgcuaaagguuuucaacuagaagaau

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.....cuaacuCcaauaauacguccg.....	55	1	c02
.....cuaacuucaauGauacguccg.....	35	1	c02
.....cuaacuucaauaauacgCccg.....	65	1	c02
.....cGaacuucaauaauacguccg.....	42	1	c02
.....cuaaAuucaauaauacguccg.....	210	1	c02
.....Uuaacuucaauaauacguccg.....	80	1	c02
.....cuGacuucaauaauacguccg.....	37	1	c02
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.....cuaacuucaauaauacgucGg.....	27	1	c02
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.....cuaacuucaauaauGcguccg.....	50	1	c02
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.....cuaacuucaauUauacguccg.....	11	1	c02
.....cuaacuucaauaaGacguccg.....	25	1	c02
.....cuaacuucaauaauaUguccg.....	102	1	c02
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.....cuaacuucaauaauaGguccg.....	10	1	c02
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.....cuaacuucaaAaauacguccg.....	126	1	c02
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.....cuUacuucaauaauacguccg.....	11	1	c02
.....cuaacuucCauaauacguccg.....	41	1	c02
.....cuaacuuGaauaauacguccg.....	6	1	c02
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.....cuaacuucaauaauaAguccg.....	570	1	c02
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.....cuaacGucaauaauacguccg.....	32	1	c02
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.....cuaacuucaauaauacguccgU.....	2290	1	c02
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.....cuaacuucaauaauacguccUa.....	10	1	c02
.....cuaacuucaauaauacguGcga.....	1	1	c02
.....cuaacuucaauaauacguccga.....	920	0	c02

Star Mature

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.....cuaacuucaauaauacguccAa.....	2	1	c02
.....cuaacuAcaauaauacguccga.....	1	1	c02
.....cuaacuuAaauaauacguccga.....	2	1	c02
.....cuaacuucaauaauacgucAga.....	4	1	c02
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.....cuaacuucaauaauacgCccga.....	1	1	c02
.....cuaacuucUauaauacguccga.....	1	1	c02
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Star Mature

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.....acuucaauaauacguccgU.....	21	1	c02
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.....acuucaauaauacguccgCa.....	1	1	c02
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.....cuucaCuaauacguccga.....	1	1	c02
.....cuucaauaauacguccgC.....	13	1	c02
.....cuucaauaauacguccUa.....	1	1	c02

Star Mature

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.....................................................................cuucaauaauacguccgU.....  213 1   c02
.....................................................................cuucaauaauacguccgaC.....  1   1   c02
.....................................................................cuucaauaauacguccgUa.....  10  1   c02
.....................................................................cuucaauaauacguccgaG.....  1   1   c02
.....................................................................cuucaauaauacguccgGa.....  1   1   c02
.....................................................................cuucaauaauacguccgaa.....  8   0   c02
.....................................................................cuucaauaauacguccgCa.....  1   1   c02
.....................................................................cuucaauaauacguccgaU.....  5   1   c02
.....................................................................cuucaauaauacguccgaGgc....  1   1   c02
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.....................................................................uucaauaauacguccgGa.....  2   1   c02
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.....................................................uugcuaacuucaauaauacguccgGa................  1   1   c04
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Star Mature

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.....cuaacuucaauaauacgucUg.....	5	1	c04
.....cuaacuucaauaauacguAcg.....	8	1	c04
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.....cuaacuucaauaauacguccC.....	5	1	c04
.....cGaacuucaauaauacguccg.....	2	1	c04
.....cuaacuucaauaauacguccCa.....	1	1	c04
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.....cuaacuucaauaauacguccgU.....	301	1	c04
.....cuaacuucaauaauacguccUa.....	3	1	c04
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.....cuaacuucaauaauacguccgaU.....	1	1	c04
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.....guugccguauguuuugcuugA.....	1	1	c16
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.....Gugcuaacuucaauaauacguc.....	1	1	c16
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.....uuCcuaacuucaauaauacguccg.....	1	1	c16
.....Gugcuaacuucaauaauacguccg.....	1	1	c16
.....Cugcuaacuucaauaauacguccg.....	2	1	c16
.....uugcuaacuucaauaauacguccg.....	3	0	c16
.....uCcuaacuucaauaauacguc.....	1	1	c16
.....ugcuaacuucaauaauacguccg.....	3	0	c16
.....uCcuaacuucaauaauacguccg.....	1	1	c16
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Star Mature

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.....Ccuaacuucaauaauacg.....	1	1	c16
.....Ucuaacuucaauaauacguc.....	1	1	c16
.....Ccuaacuucaauaauacguc.....	1	1	c16
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.....gcuaacuucaauaauacgucc.....	10	0	c16
.....Ucuaacuucaauaauacgucc.....	1	1	c16
.....Ccuaacuucaauaauacgucc.....	1	1	c16
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.....gcuaacuucaauaauacUuccg.....	1	1	c16
.....gcuaacuucaauaauacguccg.....	319	0	c16
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.....cuUacuucaauaauacguc.....	1	1	c16
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.....cuaacuucaauaCuacguc.....	2	1	c16
.....cuaacuucaaAaauacguc.....	3	1	c16
.....cuaacuuUaauaauacguc.....	2	1	c16
.....cuaacuucaauaauacgCc.....	1	1	c16
.....cuaacAucaauaauacguc.....	9	1	c16
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.....cuaacuucaauaauCcguc.....	45	1	c16
.....cuaacuucCauaauacguc.....	3	1	c16
.....cuaacuucUauaauacguc.....	2	1	c16

Star Mature

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Auaacuucaauaauacguc	10	1	c16
Guaacuucaauaauacguc	1	1	c16
cAaacuucaauaauacguc	9	1	c16
cuaacuucGauaauacguc	2	1	c16
cuaaAuucaauaauacguc	6	1	c16
cuaacuucaauaauGcguc	2	1	c16
cuaacuucaauaauaAguc	15	1	c16
cuaacuCcaauaauacguc	2	1	c16
cuaacuucaauaauacgucU	20	1	c16
Uuaacuucaauaauacgucc	4	1	c16
cuaacuucCauaauacgucc	2	1	c16
cuaacuucaauaCuacgucc	6	1	c16
cuaacuAcaauaauacgucc	10	1	c16
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cuaacuucaGuaauacgucc	4	1	c16
cuaacuucaauaaCacgucc	6	1	c16
cuaaUuucaauaauacgucc	1	1	c16
cuaacuucaauaauaUgucc	5	1	c16
cuaacuucaauaauacCucc	17	1	c16
cGaacuucaauaauacgucc	3	1	c16
cuaacuucaauaauacguAc	24	1	c16
cuaacuucaauaaAacgucc	13	1	c16
cuaacuucaaAaauacgucc	11	1	c16
cuaacuucaauaUuacgucc	1	1	c16
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cuaCcuucaauaauacgucc	12	1	c16
cuaacuucaauaauacgucc	8982	0	c16
cAaacuucaauaauacgucc	15	1	c16
cuaaAuucaauaauacgucc	7	1	c16
cuaacuucaauaauacgucG	23	1	c16
cuaacuucaauaauacgAcc	5	1	c16
cuaacuuAaauaauacgucc	13	1	c16
cuaacuucGauaauacgucc	5	1	c16
cuaacAucaauaauacgucc	11	1	c16
cuaacCucaauaauacgucc	1	1	c16
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cuaacuucaauaauacgucA	99	1	c16
cuaacuucaauUauacgucc	2	1	c16
cuGacuucaauaauacgucc	1	1	c16
cuaaGuucaauaauacgucc	4	1	c16
cuaacuCcaauaauacgucc	5	1	c16
cuaacuucaauaauacAucc	3	1	c16
Auaacuucaauaauacgucc	11	1	c16
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cuCacuucaauaauacgucc	1	1	c16
cuaacGucaauaauacgucc	2	1	c16
cuaacuucaauaauaGgucc	1	1	c16
cuaacuucaauaauaAgucc	24	1	c16
cuaacuucaaCaauacgucc	2	1	c16
cuaacuucaauaauacguUc	4	1	c16
cuaacuuUaauaauacgucc	6	1	c16
cuaacuucaauaauacguGc	2	1	c16
cuaGcuucaauaauacgucc	5	1	c16
cuaacuucUauaauacgucc	1	1	c16
cuaacuucaauaaGacgucc	2	1	c16
cuaacuucaauaUuacguccg	33	1	c16
cuaaUuucaauaauacguccg	38	1	c16
cuaacuucaauaauacgucAg	848	1	c16
cuaacuucaUuaauacguccg	24	1	c16
cuaacuucCauaauacguccg	28	1	c16
cuaacuucaauaauCcguccg	87	1	c16
cuaacuucaauaauacgucGg	53	1	c16
cuaacuucaauaauacguccg	181241	0	c16
cuaCcuucaauaauacguccg	204	1	c16
cuaacuucaauaGuacguccg	30	1	c16

Star Mature

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.....cuaacuucaauaauacCuccg.....	345	1	c16
.....cuaaAuucaauaauacguccg.....	209	1	c16
.....cuaacuucaauUauacguccg.....	17	1	c16
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.....cuaacuucaauaauacgAccg.....	176	1	c16
.....cuaacuucaauaauUcguccg.....	17	1	c16
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.....cuaacuuGaauaauacguccg.....	7	1	c16
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.....cuaacuucaauaauacgCccg.....	65	1	c16
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.....cuaacuucaauaauacguccC.....	253	1	c16
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.....cuaacuucaauCauacguccg.....	7	1	c16
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.....cuaacuucaaAaauacguccg.....	108	1	c16
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.....cuaaGuucaauaauacguccg.....	27	1	c16
.....cuaacuucaauaauaUguccg.....	78	1	c16
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.....cuaacuCcaauaauacguccg.....	22	1	c16
.....cuaacuucaauaaGacguccg.....	20	1	c16
.....cuaacGucaauaauacguccg.....	34	1	c16
.....cuaacuuUaauaauacguccg.....	45	1	c16
.....cuaacuucaauaauaGguccg.....	13	1	c16
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.....cAaacuucaauaauacguccga.....	2	1	c16
.....cuaGcuucaauaauacguccga.....	1	1	c16
.....cuaacuucaauaauacguccgU.....	3617	1	c16
.....cuaacuucaauaauacUuccga.....	1	1	c16
.....cuaacuucaauaauacgucAga.....	6	1	c16
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.....cuaacuucCauaauacguccga.....	1	1	c16
.....cuGacuucaauaauacguccga.....	1	1	c16
.....cuaacuucaauaauacguAcga.....	3	1	c16
.....cuaacuucaauaauacguccgC.....	195	1	c16
.....cuaacuucaauaauacguccCa.....	3	1	c16
.....cuaacuuAaauaauacguccga.....	1	1	c16
.....cuaacAucaauaauacguccga.....	1	1	c16

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.....cuaacuucaauaauCcguccga.....	1	1	c16
.....cuaacuucaauaauacguccga.....	690	0	c16
.....cuaacuucaauaauacguccgUa.....	133	1	c16
.....cuaacuucaauaauacguccgCa.....	10	1	c16
.....cuaacuucaauaauacguccgaC.....	9	1	c16
.....cuaacuucaauaauacguccgaG.....	41	1	c16
.....cuaacuucaauaauacguccgGa.....	13	1	c16
.....cuaacuucaauaauacguccgaU.....	47	1	c16
.....cuaacuucaauaauacguccgaa.....	24	0	c16
.....cuaacuucaauaauacguccgaaC.....	4	1	c16
.....cuaacuucaauaauacguccgaGg.....	5	1	c16
.....cuaacuucaauaauacguccgaUg.....	3	1	c16
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.....Gaacuucaauaauacguc.....	3	1	c16
.....uaacuucaauaauacguc.....	82	0	c16
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.....uaacuucaauaauacCuc.....	1	1	c16
.....Gaacuucaauaauacgucc.....	6	1	c16
.....Aaacuucaauaauacgucc.....	1	1	c16
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.....Aaacuucaauaauacguccg.....	14	1	c16
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.....uaacuGcaauaauacguccg.....	1	1	c16
.....uaacuucaauaauacguccgU.....	83	1	c16
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.....uaacuucaauaauacguccgC.....	1	1	c16

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.....uaacuucaauaauacguccgaa.....	1	0	c16
.....uaacuucaauaauacguccgaaU.....	1	1	c16
.....aacuucaauaauacgucU.....	1	1	c16
.....Cacuucaauaauacguccg.....	10	1	c16
.....aacuucaauaauacguccg.....	53	0	c16
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.....acuuAaauaauacguccg.....	3	1	c16
.....acuucaauaauacguAcg.....	6	1	c16
.....acuucaauaauacAuccg.....	1	1	c16
.....aAuucaauaauacguccg.....	3	1	c16
.....Gcuucaauaauacguccg.....	1	1	c16
.....acuucaaAaauacguccg.....	3	1	c16
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.....acuucaauaauaUguccg.....	1	1	c16
.....acAucaauaauacguccg.....	1	1	c16
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.....acuucaauaauacgAccg.....	1	1	c16
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.....acuucaauaauacguccgUa.....	1	1	c16
.....acuucaauaauacguccgCa.....	1	1	c16
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.....gacgucuuAuuggagauaaca.....	21	1	c09
.....guugccguauguuuugcuug.....	3	0	c09
.....guugccguauguuuugcuugA.....	1	1	c09
.....Gugcuaacuucaauaauacguc.....	1	1	c09
.....uGgcuaacuucaauaauacguccg.....	1	1	c09
.....uugUuaacuucaauaauacguccg.....	1	1	c09
.....uuCcuaacuucaauaauacguccg.....	2	1	c09
.....uuAcuaacuucaauaauacguccg.....	1	1	c09
.....Ggcuaacuucaauaauacgucc.....	1	1	c09
.....uCcuaacuucaauaauacguccg.....	1	1	c09

Star Mature

gaccugucuuuugugcucuggacgucuuguuggagauaacaguugccguauguuuugcuugcuaacuucaauaauacguccgaagcgcuaaagguuuucaacuagaagaau

..........uUcuaacuucaauaauacguccg..........	2	1	c09
..........gcuaacuucaauaauacg..........	1	0	c09
..........Ccuaacuucaauaauacguc..........	2	1	c09
..........gcuaacuucaauaauacgucc..........	4	0	c09
..........gcuaacuucaauaauacguccg..........	104	0	c09
..........Ccuaacuucaauaauacguccg..........	11	1	c09
..........gcuaacuucaauaauacgucAg..........	2	1	c09
..........Acuaacuucaauaauacguccg..........	2	1	c09
..........gcuCacuucaauaauacguccg..........	1	1	c09
..........gcuaacuucaauaauacCuccg..........	1	1	c09
..........gcuaacuucaauaauacgAccg..........	1	1	c09
..........Ucuaacuucaauaauacguccg..........	2	1	c09
..........gcuaacuucaauaauacguccgU..........	2	1	c09
..........cAaacuucaauaauacgu..........	1	1	c09
..........cuaacuucaauaauacUu..........	2	1	c09
..........cuaacuucaauaauCcgu..........	6	1	c09
..........Auaacuucaauaauacgu..........	1	1	c09
..........cuaacuuAaauaauacgu..........	1	1	c09
..........cuaacuucaauaauacgu..........	76	0	c09
..........cuaacAucaauaauacguc..........	3	1	c09
..........Uuaacuucaauaauacguc..........	2	1	c09
..........cuaacuAcaauaauacguc..........	1	1	c09
..........cuaacuucaauaauCcguc..........	36	1	c09
..........cuaacuucaauaauGcguc..........	1	1	c09
..........cuaacuucaauaauacguA..........	4	1	c09
..........cuaacuucaauaauacguc..........	1223	0	c09
..........Auaacuucaauaauacguc..........	2	1	c09
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..........cuaacuucaauaauaGguc..........	1	1	c09
..........cuaacuCcaauaauacguc..........	2	1	c09
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..........cuaacuuAaauaauacguc..........	3	1	c09
..........cuaacuucaauaauaAguc..........	1	1	c09
..........cuaacuucaauaauacgAc..........	1	1	c09
..........cuaacuucaauaauacCuc..........	2	1	c09
..........cuaacuucaauaaAacguc..........	1	1	c09
..........cuaacuucUauaauacguc..........	1	1	c09
..........cAaacuucaauaauacgucc..........	1	1	c09
..........cuaacuucaauaauaUgucc..........	1	1	c09
..........cuaacuucaauaauacgucU..........	30	1	c09
..........cuaacuucaauaauacgucc..........	1350	0	c09
..........cuaacuucaaCaauacgucc..........	2	1	c09
..........cuaacuucaauaauacgucG..........	5	1	c09
..........cuaacAucaauaauacgucc..........	1	1	c09
..........cuaaGuucaauaauacgucc..........	1	1	c09
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..........cuaacuucaauaauaAgucc..........	1	1	c09
..........cuaGcuucaauaauacgucc..........	1	1	c09
..........cuaacuucaauaaCacgucc..........	1	1	c09
..........cuaacuucaauaauacgGcc..........	2	1	c09
..........cuaacuuUaauaauacgucc..........	1	1	c09
..........cuaacuucaauaauacguAc..........	3	1	c09
..........cuaacuuAaauaauacgucc..........	1	1	c09
..........cuaacuucaaAaauacgucc..........	1	1	c09
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..........cuaacuucaauaauacgucA..........	5	1	c09
..........cuaacuAcaauaauacgucc..........	2	1	c09
..........cuaaAuucaauaauacgucc..........	2	1	c09
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..........cuaacuucaauaauGcgucc..........	1	1	c09
..........cuaacuucaauaauacgCcc..........	1	1	c09
..........cGaacuucaauaauacguccg..........	10	1	c09
..........cuaacuucaauaauacAuccg..........	13	1	c09
..........cuaacuucaauaauacguccg..........	39170	0	c09
..........cuUacuucaauaauacguccg..........	1	1	c09
..........cCaacuucaauaauacguccg..........	16	1	c09
..........cuaacuucaaAaauacguccg..........	23	1	c09
..........cuaaGuucaauaauacguccg..........	2	1	c09
..........cuaaAuucaauaauacguccg..........	36	1	c09
..........cuaacuucaauaauacgucUg..........	42	1	c09

Star Mature

gaccugucuuuugugcucuggacgucuuguuggagauaacaguugccguauguuuugcuugcuaacuucaauaauacguccgaagcgcuaaaggguuuucaacuagaagaau

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.....cuaacuucaauaaCacguccg.....	22	1	c09
.....cuaacuucaauGauacguccg.....	14	1	c09
.....cuaacAucaauaauacguccg.....	34	1	c09
.....cuaacuucaauaauacguAcg.....	73	1	c09
.....cuaacuucaaCaauacguccg.....	10	1	c09
.....cuaaUuucaauaauacguccg.....	10	1	c09
.....cuaacuucaauaauacguGcg.....	4	1	c09
.....cuaacuucaauaCuacguccg.....	16	1	c09
.....cuCacuucaauaauacguccg.....	3	1	c09
.....cuaacuucaauaauacguccU.....	159	1	c09
.....cuaacuucaauaUuacguccg.....	7	1	c09
.....cuaacuucaauaauacguUcg.....	11	1	c09
.....cuaacuucaauaauacguccA.....	48	1	c09
.....cuaacuAcaauaauacguccg.....	33	1	c09
.....cuaUcuucaauaauacguccg.....	2	1	c09
.....cuaacuucaauaauacgAccg.....	24	1	c09
.....cuaacuucaauaauacUuccg.....	34	1	c09
.....cuaacuucaaGaauacguccg.....	3	1	c09
.....Uuaacuucaauaauacguccg.....	14	1	c09
.....cuaacuucaauCauacguccg.....	1	1	c09
.....cuaacuucaauaauaGguccg.....	1	1	c09
.....cuaCcuucaauaauacguccg.....	38	1	c09
.....cuaacuucUauaauacguccg.....	3	1	c09
.....cuaacuCcaauaauacguccg.....	11	1	c09
.....cuaacuucaauaauCcguccg.....	8	1	c09
.....cuaacuuUaauaauacguccg.....	10	1	c09
.....cuaacGucaauaauacguccg.....	8	1	c09
.....cuaacuucaauaauacgCccg.....	16	1	c09
.....cuaacuucaauaauaUguccg.....	20	1	c09
.....cuaacuuAaauaauacguccg.....	48	1	c09
.....cuaacuucaauaauaAguccg.....	70	1	c09
.....cuaGcuucaauaauacguccg.....	30	1	c09
.....cAaacuucaauaauacguccg.....	30	1	c09
.....cuaacuucaauaauacguccC.....	58	1	c09
.....cuaacuucaauaauUcguccg.....	2	1	c09
.....cuaacuuGaauaauacguccg.....	2	1	c09
.....cuaacuucGauaauacguccg.....	20	1	c09
.....cuaacuGcaauaauacguccg.....	7	1	c09
.....cuaacuucaauaauacgucAg.....	126	1	c09
.....cuaacuucaauaauGcguccg.....	15	1	c09
.....cuaacCucaauaauacguccg.....	15	1	c09
.....cuaacuucaUuaauacguccg.....	7	1	c09
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.....cuaacuucaauaaAacguccg.....	28	1	c09
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.....cuaacuucaauaaGacguccg.....	3	1	c09
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.....Auaacuucaauaauacguccg.....	30	1	c09
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.....cuaacuucaauaauacguccgU.....	609	1	c09
.....cuaacuucaauaauaAguccga.....	1	1	c09
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.....cuaacuucaauaauacguccgC.....	66	1	c09
.....cuaacuucaauaauacguccgaa.....	18	0	c09
.....cuaacuucaauaauacguccgGa.....	10	1	c09
.....cuaacuucGauaauacguccgaa.....	1	1	c09
.....cuaacuucaauaauacguccgUa.....	31	1	c09
.....cuaacuucaauaauacguccgCa.....	3	1	c09
.....cuaacuucaauaauacguccgaC.....	6	1	c09

Star Mature

gaccugucuuuugugcucuggacgucuuguuggagauaacaguugccguauguuuugcuugcuaacuucaauaauacguccgaagcgcuaaagguuuucaacuagaagaau

.....cuaacuucaauaauacguccgaU.....	7	1	c09
.....cuaacuucaauaauacguccgaG.....	14	1	c09
.....cuaacuucaauaauacguccgCag.....	1	1	c09
.....cuaacuucaauaauacguccgaaU.....	4	1	c09
.....cuaacuucaauaauacguccgaaA.....	1	1	c09
.....cuaacuucaauaauacguccgGag.....	1	1	c09
.....cuaacuucaauaauacguccgaUg.....	1	1	c09
.....cuaacuucaauaauacguccgaGg.....	3	1	c09
.....uaacuucaauaauacguc.....	7	0	c09
.....Gaacuucaauaauacgucc.....	3	1	c09
.....uaacuucaauaauacgucU.....	1	1	c09
.....uaacuucaauaauacgucc.....	12	0	c09
.....uaacuucaGuaauacguccg.....	1	1	c09
.....Aaacuucaauaauacguccg.....	4	1	c09
.....uaacuucGauaauacguccg.....	1	1	c09
.....uaacuucaauaauacAuccg.....	1	1	c09
.....uaacuucaauaauacguAcg.....	1	1	c09
.....uaacuucaauaauacguccU.....	4	1	c09
.....uaacuucaauaauacgucGg.....	1	1	c09
.....uaacuuAaauaauacguccg.....	1	1	c09
.....uaaAuucaauaauacguccg.....	2	1	c09
.....Gaacuucaauaauacguccg.....	26	1	c09
.....uaGcuucaauaauacguccg.....	2	1	c09
.....uaacuucaauaauGcguccg.....	2	1	c09
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.....uUacuucaauaauacguccg.....	1	1	c09
.....uaacuucaauaauacguccgC.....	2	1	c09
.....uaacuucaauaauacguccga.....	4	0	c09
.....uaacuucaauaauacguccgU.....	14	1	c09
.....Cacuucaauaauacguccg.....	1	1	c09
.....Gacuucaauaauacguccg.....	1	1	c09
.....aaAuucaauaauacguccg.....	1	1	c09
.....aacuucaauaauacguccg.....	48	0	c09
.....aacuucaauaauacguccgU.....	1	1	c09
.....acuucUauaauacguccg.....	1	1	c09
.....Ucuucaauaauacguccg.....	1	1	c09
.....Ccuucaauaauacguccg.....	102	1	c09
.....acuucaauaauacguccC.....	1	1	c09
.....aUuucaauaauacguccg.....	2	1	c09
.....acuucaauaauaAguccg.....	2	1	c09
.....acuucaauaauacguccg.....	1008	0	c09
.....acuucaauaauacCuccg.....	1	1	c09
.....acuucaauaauacguAcg.....	1	1	c09
.....acuucaGuaauacguccg.....	1	1	c09
.....acuucaauaauacUuccg.....	2	1	c09
.....acuucaauaauacguccU.....	3	1	c09
.....acuucaauaaAacguccg.....	2	1	c09
.....acuucaauaaCacguccg.....	1	1	c09
.....acuucaauaauacguccA.....	3	1	c09
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.....acuucaauaauCcguccg.....	1	1	c09
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.....acuucaauaauacguccgU.....	10	1	c09
.....acuucaauaauacguccgC.....	1	1	c09
.....Ccuucaauaauacguccga.....	1	1	c09
.....acuucaauaauacguccgUa.....	4	1	c09
.....acuucaauaauacguccgGa.....	1	1	c09
.....cuucaauaauacguccgU.....	80	1	c09
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.....cuucaauaauacguccga.....	35	0	c09
.....cuucaauaauacguccgaa.....	2	0	c09
.....cuucaauaauacguccgaG.....	2	1	c09
.....cuucaauaauacguccgUa.....	2	1	c09
.....cuucaauaauacguccgGa.....	3	1	c09
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.....cuucaauaauacguccgGag.....	1	1	c09
.....uucaauaauacguccgaa.....	1	0	c09

Star Mature

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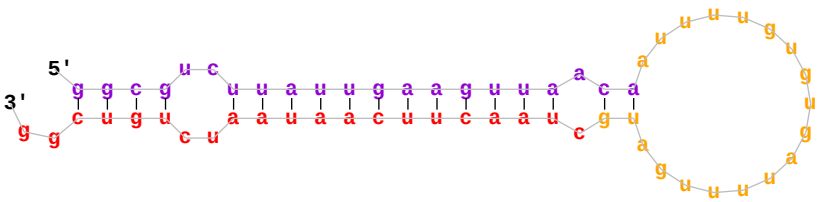
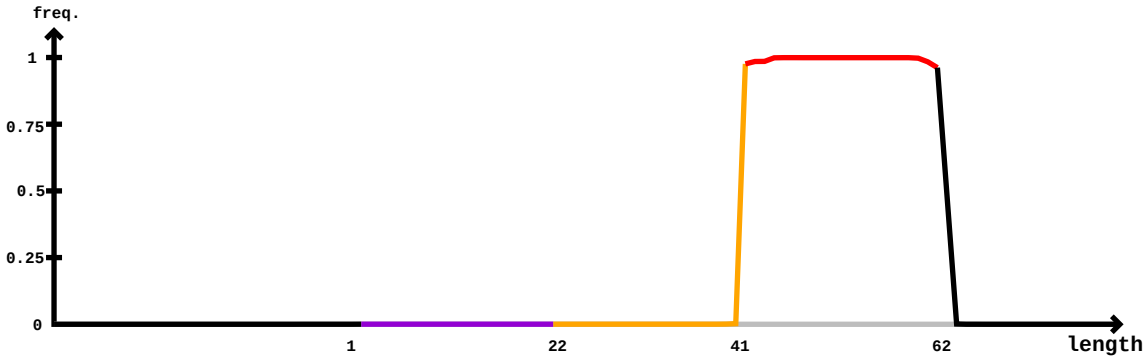
.....UUCAAUAAUACGUCCGAU..... 2 1 c09

.....UUCAAUAAUACGUCCGUa..... 2 1 c09

Provisional ID	:	group19_29153
Score total	:	8024.9
Score for star read(s)	:	3.9
Score for read counts	:	8024.3
Score for mfe	:	-0.3
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	15751
Mature read count	:	15744
Loop read count	:	3
Star read count	:	4





Star **Mature**

```
5'- acugugaagaguguuaucuuuaauucuccggggcgucuuauugaaguuaacaauuuugugugauuuugaugcuaacuucaauaaucugucggggggcguuaagccuuucug  -3'   obs
    acugugaagaguguuaucuuuaauucuccggggcgucuuauugaaguuaacaauuuugugugauuuugaugcuaacuucaauaaucugucggggggcguuaagccuuucug        exp
    ....((((((......))))))....((.((((..((((((((((((.((.................)).)))))))))))))..))))..))(((.....))).....   reads     mm        sample
    ......................ucuccgggcgucuuauugaag.....................................................................   1         0         c04
    ..........................................................................ugcuaacuucaauaaucugucgg.................   1         0         c04
    ..............................................................................cuaacuucaauaaucGgu.....................   1         1         c04
    ..............................................................................cuaacuucaauaaucuguc.....................   2         0         c04
    ..............................................................................cuaacuucaauaaucugucg.....................   2         0         c04
    ..............................................................................cuaacuucaauaaucugucgU.....................   1         1         c04
    ..............................................................................cuaacuucaauaaucugucgg.....................   85        0         c04
    ..............................................................................cuaacuucaauaaucugucgA.....................   1         1         c04
    ..............................................................................cuaacuucaauaaucCgucgg.....................   1         1         c04
    ..............................................................................cuaacuucaauaaucugucggA.....................   2         1         c04
    ..............................................................................cuaacuucaauaaucugucggU.....................   11        1         c04
    ..............................................................................acuucaauaaucugucgg.....................   1         0         c04

    ..................................................auuuugugugauuuugaug.....................................   2         0         c16
    ..........................................................................ugcuaacuucaauaaucugucgg.................   2         0         c16
    ..............................................................................gcuaacuucaauaaucCgucg.....................   1         1         c16
    ..............................................................................gcuaacuucaauaaucugucgg.....................   1         0         c16
    ..............................................................................gcuaacuucaauaaucCgucgg.....................   13        1         c16
    ..............................................................................cuaacuucaauaaucCgu.....................   1         1         c16
    ..............................................................................cuaacuucaauaaucugu.....................   2         0         c16
    ..............................................................................cuaacuucaauaaucCguc.....................   45        1         c16
    ..............................................................................cuaacuucaauaauAuguc.....................   6         1         c16
    ..............................................................................cuaacuucaauaaucAguc.....................   1         1         c16
    ..............................................................................cuaacuucaauaaucuguc.....................   25        0         c16
    ..............................................................................cuaacuucaauaaucCgucg.....................   101       1         c16
    ..............................................................................cuaacuucaauaaAcugucg.....................   1         1         c16
    ..............................................................................cuaacuucaauaaucAgucg.....................   1         1         c16
    ..............................................................................cuaacAucaauaaucugucg.....................   1         1         c16
    ..............................................................................cuaacuucaauaaucugucg.....................   37        0         c16
    ..............................................................................cuaacuucaauaaucugucC.....................   1         1         c16
    ..............................................................................cuaacuucaauaaucugucgg.....................   1226      0         c16
    ..............................................................................cuaacuucaauaaucCgucgg.....................   5637      1         c16
    ..............................................................................cuCacuucaauaaucugucgg.....................   1         1         c16
```

Star Mature

acugugaagaguguuaucuuuaauucuccggggcgucuuauugaaguuaacaauuuugugugauuuugaugcuaacuucaauaaucugucggggggcguuaagccuuucug

.....cuaacuucaauaaucugucgC..... 3 1 c16
.....cuaacuucCauaaucugucgg..... 2 1 c16
.....cuaacCucaauaaucugucgg..... 1 1 c16
.....cuaacuucaaAaaucugucgg..... 1 1 c16
.....cuaacuucaauaaucuUucgg..... 2 1 c16
.....cuaacuucaauaCucugucgg..... 1 1 c16
.....cuaacuucaauaauUugucgg..... 1 1 c16
.....cuaacuAcaauaaucugucgg..... 2 1 c16
.....cuaacuucaauaaucGgucgg..... 1 1 c16
.....cuaacuucaauaaucAgucgg..... 48 1 c16
.....cuaacuucaauaaucugucgU..... 1 1 c16
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.....cuaacuucaauaaucuCucgg..... 5 1 c16
.....cuaacuucaaGaaucugucgg..... 2 1 c16
.....cuaacuuUaauaaucugucgg..... 1 1 c16
.....cuaacuucaauaaucuguAgg..... 4 1 c16
.....cuaacuucaauaaucugucUg..... 1 1 c16
.....cuaacuuAaauaaucugucgg..... 2 1 c16
.....cuaCcuucaauaaucugucgg..... 2 1 c16
.....cuaacuucaauaUucugucgg..... 1 1 c16
.....cuaacuucaauaaucugucggA..... 11 1 c16
.....cuaacuucaauaaucCgucggg..... 7 1 c16
.....cuaacuucaauaaucugucggU..... 56 1 c16
.....cuaacuucaauaaucugucggC..... 4 1 c16
.....cuaacuucaauaaucugucgggA..... 1 1 c16
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.....cuaacuucaauaaucCgucgggg..... 2 1 c16
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.....uaacuucaauaaucuguc..... 1 0 c16
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.....acuucaauaaucCgucgg..... 53 1 c16
.....cuucaauaaucugucggU..... 2 1 c16
.....cuucaauaaucugucgggA..... 1 1 c16

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.....cuaacuucaauaaucuguc..... 15 0 c09
.....cuaacuucaauaaucCguc..... 36 1 c09
.....cuaacuucaauaaucAgucg..... 1 1 c09
.....cuaacuucaauaaucugucg..... 12 0 c09
.....cuaacuucaauaaucCgucg..... 35 1 c09
.....cuaacuucaauaaucuguAgg..... 2 1 c09
.....cuaacuucaauaauAugucgg..... 1 1 c09
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.....cuaacuucaauaaucCgucgg..... 2264 1 c09
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.....cuaacuucaauaaucGgucgg..... 1 1 c09
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.....Auaacuucaauaaucugucgg..... 1 1 c09
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.....cuaacuucaaAaaucugucgg..... 1 1 c09
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Star Mature

acugugaagaguguuaucuuuaauucuccggggcgucuuauugaaguuaacaauuuugugugauuuugaugcuaacuucaauaaucugucgggggcguuaagccuuucug

.....cuaacuucaauaaucugucggA.....	4	1	c09
.....cuaacuucaauaaucugucggU.....	15	1	c09
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.....cuaacuucaauaaucCgucggg.....	4	1	c09
.....cuaacuucaauaaucugucgggC.....	1	1	c09
.....cuaacuucaauaaucCgucgggg.....	2	1	c09
.....cuaacuucaauaaucugucgggA.....	1	1	c09
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.....uaacuucaauaaucCgucgg.....	29	1	c09
.....uaacuucaauaaucugucggU.....	1	1	c09
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.....acuucaauaaucCgucggg.....	1	1	c09
.....cuucaauaaucugucggA.....	1	1	c09
.....ggcgucuuauugaaguuaaca.....	1	0	c02
.....auuuugugugauuuugaug.....	1	0	c02
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.....ugcuaacuucaauaaucuguc.....	1	0	c02
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.....gcuaacuucaauaaucCguc.....	1	1	c02
.....cuaacuucaauaaucCgu.....	1	1	c02
.....cuaacuucaauaaucugu.....	12	0	c02
.....cuaacuucaauaaucuguc.....	23	0	c02
.....cuaacuucaauaauAuguc.....	3	1	c02
.....cuaacuucaauaaucCguc.....	32	1	c02
.....cuaacuucaauaaucugucg.....	83	0	c02
.....cuaacuucaauaaucuCucg.....	1	1	c02
.....cuaacuucaauaaucAgucg.....	1	1	c02
.....cuCacuucaauaaucugucg.....	1	1	c02
.....cuaacuucaauaaucCgucg.....	48	1	c02
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.....cuaacuucaauaaucCgucgg.....	1651	1	c02
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.....cuaacuucaauaaucuAucgg.....	1	1	c02
.....cuaacuucaauaaucugucAg.....	1	1	c02
.....cuaacuucaauaaucugucUg.....	6	1	c02
.....cuaacuuAaauaaucugucgg.....	7	1	c02
.....Auaacuucaauaaucugucgg.....	6	1	c02
.....cuaacuucaauaaucuguUgg.....	1	1	c02
.....cuaaUuucaauaaucugucgg.....	2	1	c02
.....cuaacuucaauaaucuUucgg.....	1	1	c02
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.....cuaacuucaauaaucugucgC.....	6	1	c02
.....cuaacuucaauaaucuguAgg.....	10	1	c02
.....cuaacuucaauaaCcugucgg.....	2	1	c02
.....cuaacuucaauaaAcugucgg.....	3	1	c02
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.....cuaacuucGauaaucugucgg.....	1	1	c02
.....cuaacuucaGuaaucugucgg.....	1	1	c02
.....cuaacuucaauaaucuCucgg.....	9	1	c02
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.....cuaaAuucaauaaucugucgg.....	3	1	c02
.....Uuaacuucaauaaucugucgg.....	2	1	c02
.....cuaacuucaauaauAugucgg.....	8	1	c02
.....cuaacuucaauaaucugAcgg.....	1	1	c02
.....cuaacuucaauaaucugucggC.....	3	1	c02
.....cuaacuucaauaaucugucggA.....	16	1	c02

Star Mature

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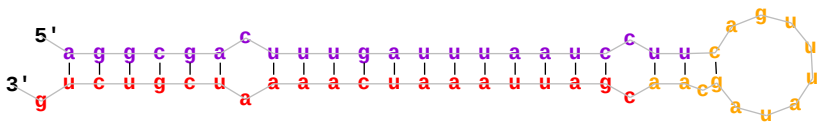
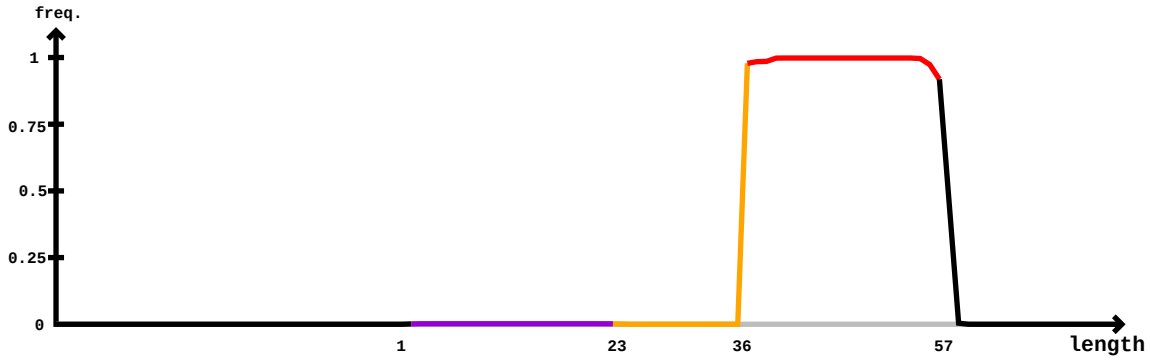
.....cuaacuucaauaaucugucggg.....	5	0	c02
.....cuaacuucaauaaucugucggU.....	74	1	c02
.....cuaacuucaauaaucugucggUg.....	1	1	c02
.....cuaacuucaauaaucugucgggA.....	3	1	c02
.....cuaacuucaauaaucugucggCg.....	1	1	c02
.....cuaacuucaauaaucugucgggggc.....	1	0	c02
.....uaacuucaauaaucuguc.....	1	0	c02
.....uaacuucaauaaucCgucg.....	4	1	c02
.....Aaacuucaauaaucugucgg.....	1	1	c02
.....Gaacuucaauaaucugucgg.....	4	1	c02
.....uaacuucaauaaucugucgg.....	18	0	c02
.....uaacuucaauaaucCgucgg.....	17	1	c02
.....aacuucaauaaucugucgg.....	1	0	c02
.....Ccuucaauaaucugucgg.....	6	1	c02
.....acuucaauaaucAgucgg.....	1	1	c02
.....acuucaauaaucugucgg.....	22	0	c02
.....acuucaauaaucCgucgg.....	18	1	c02
.....acuucaauaaucugucggU.....	1	1	c02
.....cuucaauaaucugucggU.....	3	1	c02
.....cuucaauaaucugucggA.....	2	1	c02

.....ggcgucuuauugaaguuaaca.....	3	0	c15
.....aauuuugugugauuuugaugcuaacu.....	1	0	c15
.....cuaacuucaauaaucugu.....	4	0	c15
.....cuaacuucaauaauAuguc.....	2	1	c15
.....cuaacuucaauaaucuguc.....	22	0	c15
.....cuaacuucaauaaucugucg.....	9	0	c15
.....cuaacuucaauaaucugucA.....	1	1	c15
.....cuaacuucaauaaucugucgU.....	15	1	c15
.....cuaacuucaauaauAugucgg.....	1	1	c15
.....cuaacuucaauaaucugucgg.....	89	0	c15
.....cCaacuucaauaaucugucgg.....	1	1	c15
.....cuaacuucaauaaucugucgA.....	2	1	c15
.....cuaacuucaauaaucugucggU.....	28	1	c15
.....cuaacuucaauaaucugucggC.....	1	1	c15
.....cuaacuucaauaaucugucggA.....	1	1	c15
.....uaacuucaauaaucugucgg.....	2	0	c15
.....uaacuucaauaaucugucggU.....	1	1	c15

Provisional ID	:	group19_29157
Score total	:	111687
Score for star read(s)	:	3.9
Score for read counts	:	111680.9
Score for mfe	:	1.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	219069
Mature read count	:	218650
Loop read count	:	0
Star read count	:	419





Star **Mature**

```
5'- acaucgagaucaagauaagacaaucccuaucccggaggcgacuuugauuuaauccuucaguuuauagcaacgauuaaaucaaaaucgucugcgguguggguggacuauac  -3'   obs
    acaucgagaucaagauaagacaaucccuaucccggaggcgacuuugauuuaauccuucaguuuauagcaacgauuaaaucaaaaucgucugcgguguggguggacuauac        exp
    ..(((........))).......(((((((.(((.(((((((.(((((((((((((.(((........).)).)))))))))))))).)))))))))))).)))).....  reads    mm    sample
    ..................................aggcgacuuugauuuaauc.....................................................  2        0     c16
    ..................................aggcgacuuugauuuaaucc....................................................  1        0     c16
    ..................................aggcgacuuugauuuaauccu...................................................  5        0     c16
    ..................................Cggcgacuuugauuuaauccuu..................................................  5        1     c16
    ..................................aggcgacuuugauuuaauccuu..................................................  62       0     c16
    ..................................aggcgacuuugauuuaauccuuU.................................................  2        1     c16
    ..................................aggcgacuuugauuuaauccuuA.................................................  1        1     c16
    ..................................ggcgacuuugauuuaauccu....................................................  1        0     c16
    ..................................ggcgacuuugauuuaauccuu...................................................  32       0     c16
    ..................................ggcgacuuugauuuaauccuuU..................................................  2        1     c16
    ....................................cgacuuugauuuaauccu.....................................................  1        0     c16
    ........................................................caguuuauagcaacgauuaaaucaaaaucgucug.................  1        0     c16
    ..........................................................Gaacgauuaaaucaaaaucguc...........................  1        1     c16
    ..........................................................cGacgauuaaaucaaaaucgucug.........................  1        1     c16
    ..........................................................Aaacgauuaaaucaaaaucgucug.........................  1        1     c16
    ..........................................................Gacgauuaaaucaaaaucgucu...........................  1        1     c16
    ..........................................................acgaAuaaaucaaaaucgucug..........................  1        1     c16
    ..........................................................acgauuaaaucaaaaucgucug..........................  8        0     c16
    ..........................................................Ccgauuaaaucaaaaucgucug..........................  7        1     c16
    ..........................................................cgauuaaaucaaaaucAu..............................  1        1     c16
    ..........................................................cgauuaaaucaaaCucgu..............................  1        1     c16
    ..........................................................cgauuaaaucaaaaucCu..............................  1        1     c16
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    ..........................................................cgauuaaaucaaaCucguc.............................  5        1     c16
    ..........................................................cgauuaaaucaaCaucguc.............................  1        1     c16
    ..........................................................cgauGaaaucaaaaucguc.............................  1        1     c16
    ..........................................................cgauuaaaucaaaGucguc.............................  2        1     c16
    ..........................................................cgaGuaaaucaaaaucguc.............................  1        1     c16
    ..........................................................Agauuaaaucaaaaucguc.............................  1        1     c16
    ..........................................................cgauuaaaucaaaUucguc.............................  1        1     c16
    ..........................................................cgauuaaaucGaaaucguc.............................  1        1     c16
```

Star Mature

acaucgagaucaagauaagacaaucccuaucccggaggcgacuuugauuuaauccuucaguuuauagcaacgauuaaaaucaaaaucgucugcggugugguggacuauac

.....cgauuaaaaucaaaaucguc.....	1519	0	c16
.....cgaAuaaaucaaaaucguc.....	1	1	c16
.....cgauuaaauGaaaaucguc.....	1	1	c16
.....cgauuaaaucaaaaucguU.....	7	1	c16
.....cgauuaaaucaCaaucguc.....	1	1	c16
.....cgauuaaauAaaaaucguc.....	3	1	c16
.....cgCuuaaaucaaaaucguc.....	1	1	c16
.....cgauuaaaucaaaaCcguc.....	1	1	c16
.....cAauuaaaucaaaaucguc.....	1	1	c16
.....cgauAaaaucaaaaucguc.....	4	1	c16
.....cgauuaaaucaaaaucUuc.....	2	1	c16
.....cgauuaaaucaaaauUguc.....	1	1	c16
.....cgauuaaaucaaaaucguA.....	1	1	c16
.....cgauuaaaucaaaauAguc.....	2	1	c16
.....cgauuaaaucaaaaucCuc.....	2	1	c16
.....cgauuaaaucaaUaucguc.....	1	1	c16
.....cgauuaaaGcaaaaucguc.....	1	1	c16
.....cgauuUaaucaaaaucguc.....	1	1	c16
.....cUauuaaaucaaaaucguc.....	2	1	c16
.....cgGuuaaaucaaaaucguc.....	1	1	c16
.....cgauuaaaucaaaaucgAc.....	1	1	c16
.....cCauuaaaucaaaaucguc.....	2	1	c16
.....cgauuaaCucaaaaucguc.....	1	1	c16
.....cgauuaCaucaaaaucguc.....	1	1	c16
.....cgauuaaUucaaaaucgucu.....	2	1	c16
.....cgauuaaaucaUaaucgucu.....	1	1	c16
.....cgauuaaaucaaaauAgucu.....	13	1	c16
.....cgCuuaaaucaaaaucgucu.....	1	1	c16
.....cAauuaaaucaaaaucgucu.....	1	1	c16
.....cgauuaaaucCaaaucgucu.....	2	1	c16
.....cgauuaaaucaaaaucgGcu.....	1	1	c16
.....Agauuaaaucaaaaucgucu.....	3	1	c16
.....cgauuaaauGaaaaucgucu.....	2	1	c16
.....cgauuaaaucaaaaucgAcu.....	3	1	c16
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.....cgauuaaaucaaaaucCucu.....	5	1	c16
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.....cgauCaaaucaaaaucgucu.....	2	1	c16
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.....cgauuaaaucaCaaucgucu.....	1	1	c16
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.....cgauuaaaucaaaaucgucC.....	11	1	c16
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Star Mature

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.....cgauCaaaucaaaaucgucug.....	9	1	c16
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Star Mature

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.....cgauuaaaucaaaaucgucugcUgug.....	1	1	c16
.....gaAuaaaucaaaaucguc.....	1	1	c16
.....gauuaaaucaaaaucguc.....	10	0	c16
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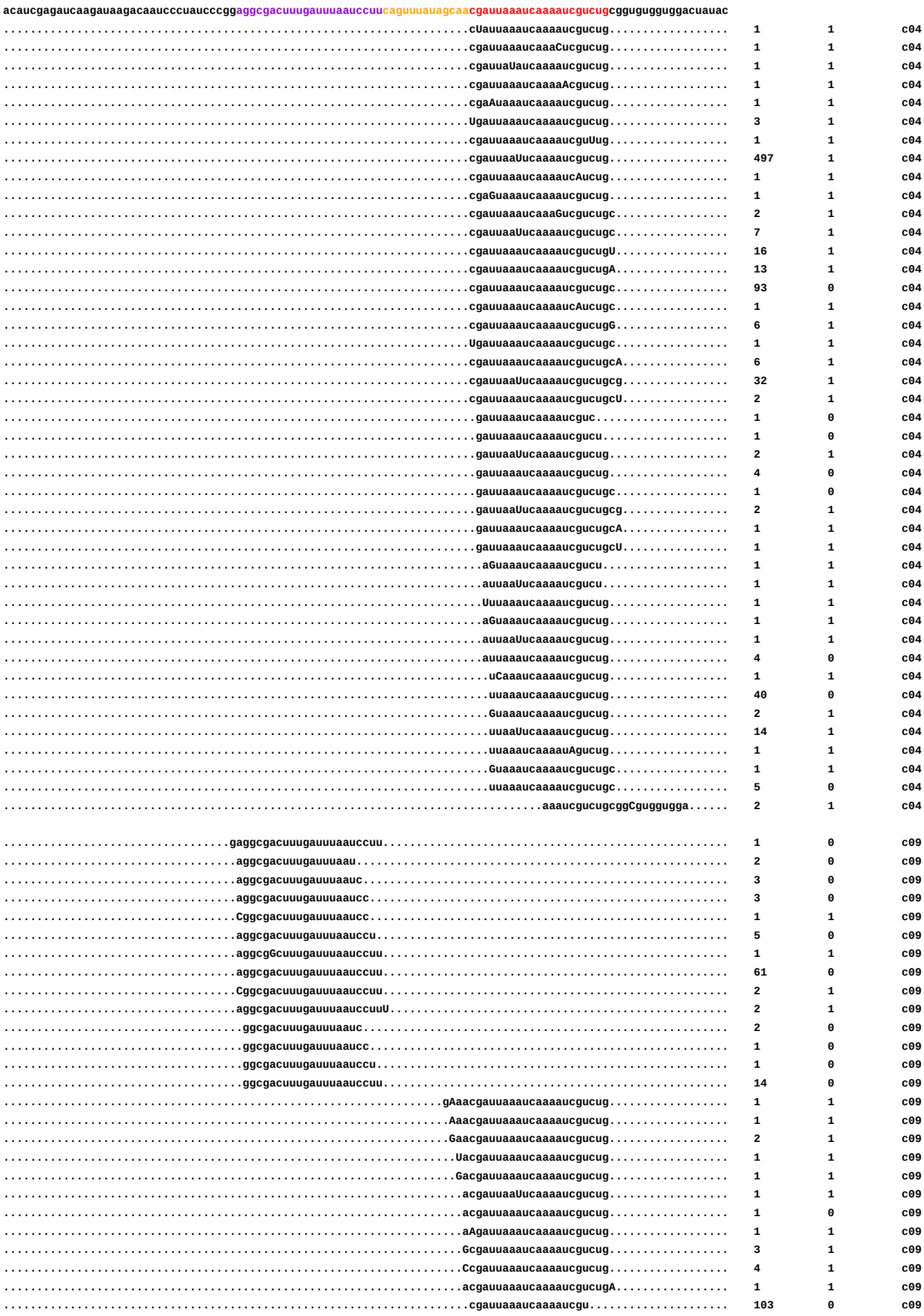
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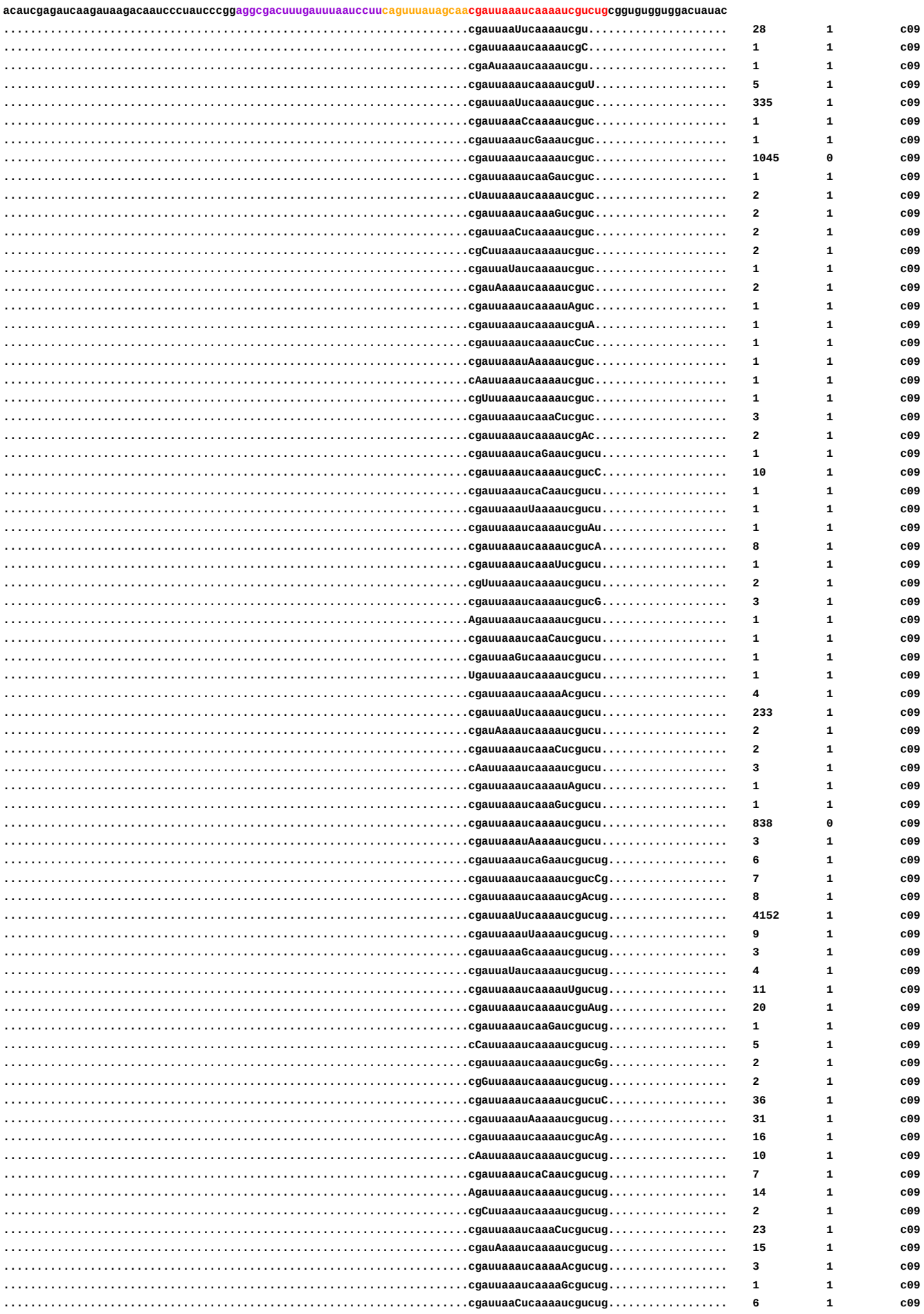
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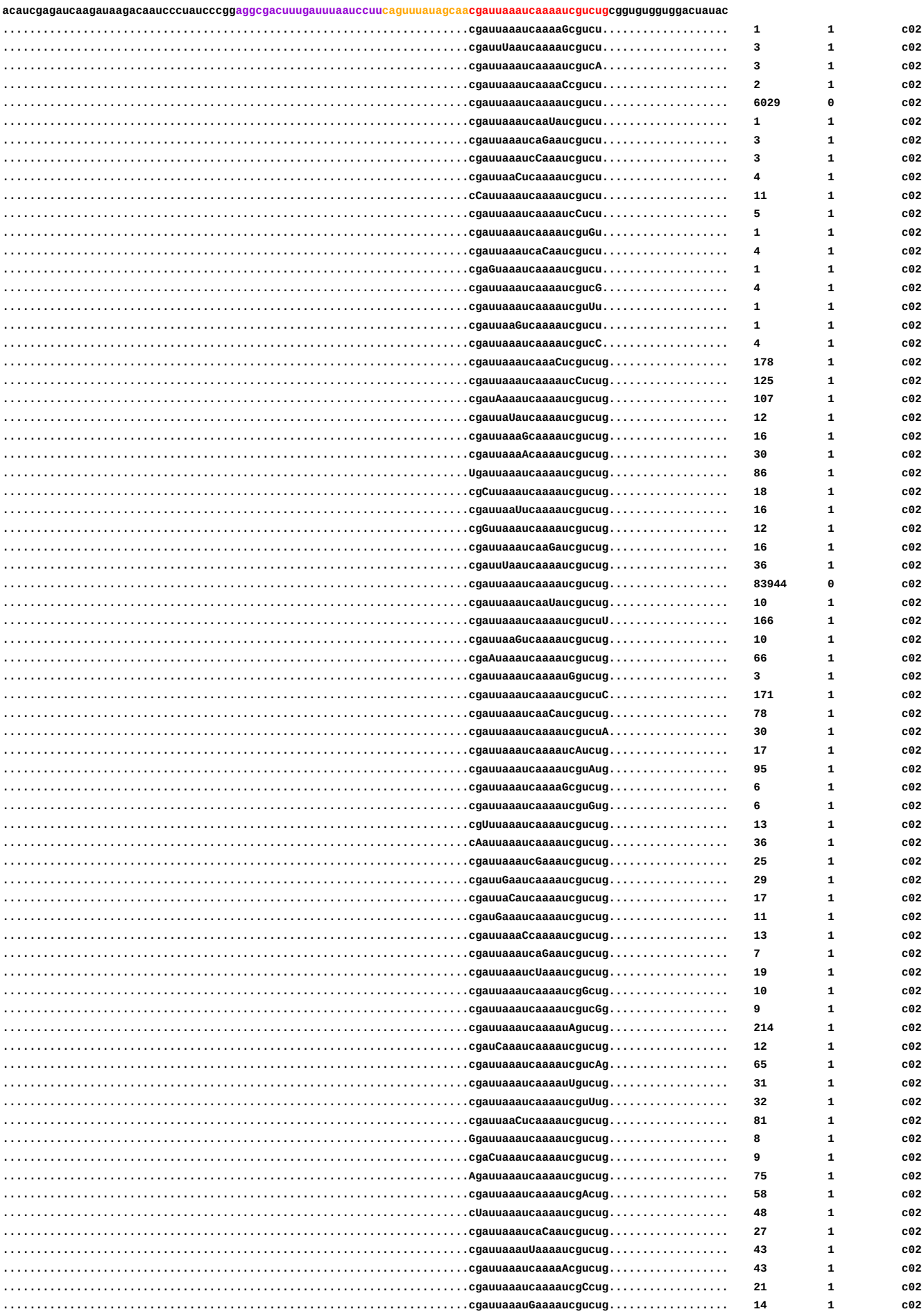

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Star Mature

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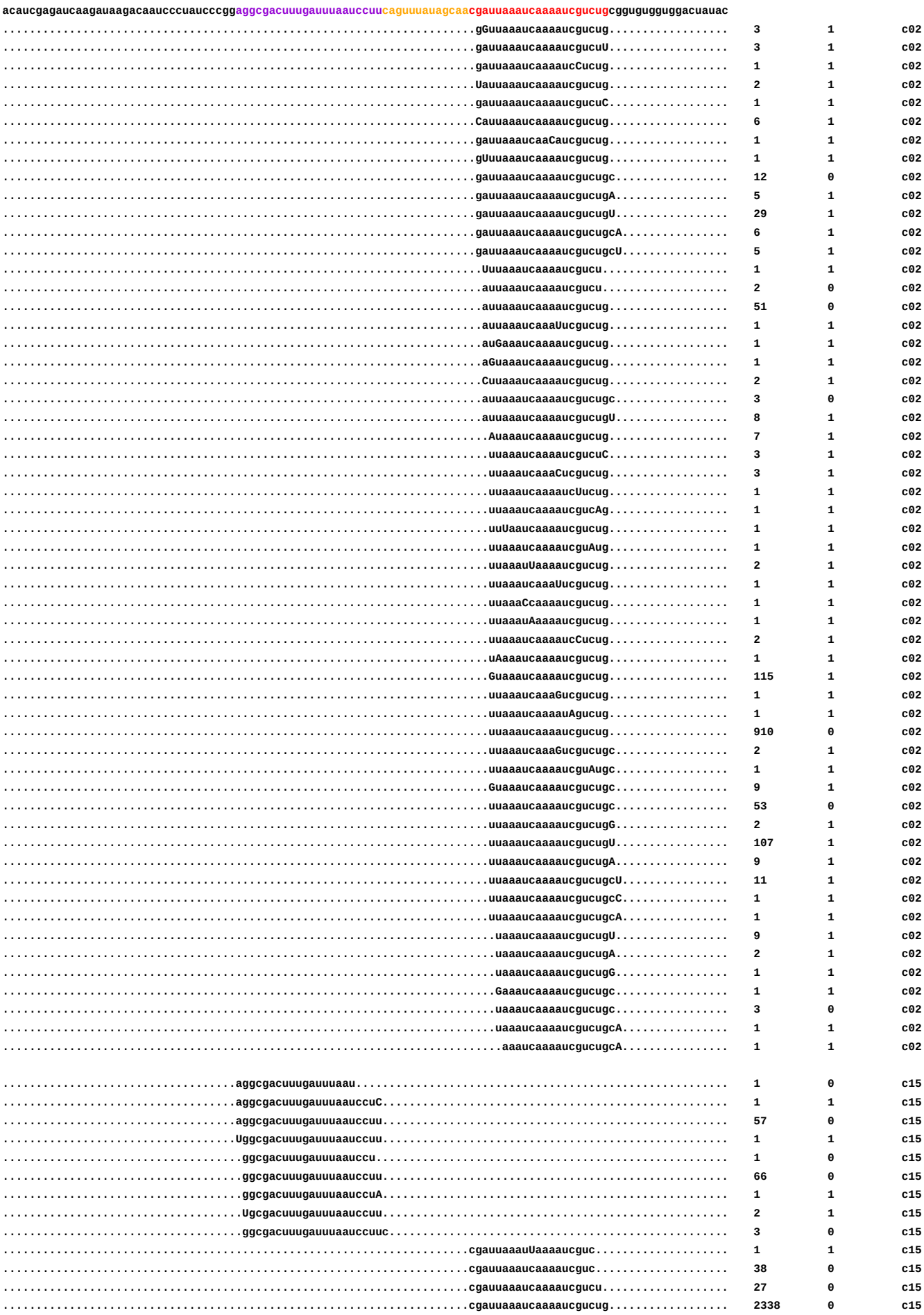
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Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
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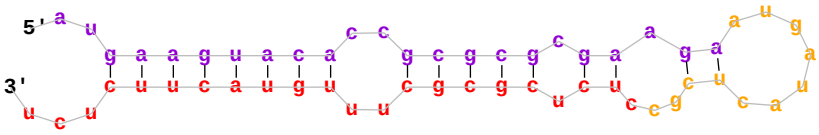

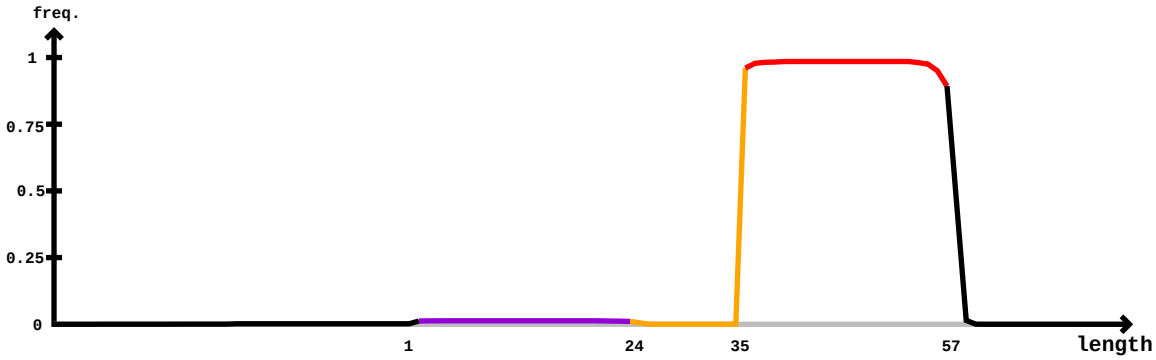

Star **Mature**

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    cuucaucaacauucaagccacaaucucgggaaggguaugaaguacaccgcgcgcgaagaaugauacucgccucucgcgcuuuguacuucucucuaucccgagaaauuucu        exp
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Star Mature

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Star Mature

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Star Mature

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Score for star read(s)	:	3.9
Score for read counts	:	13268.3
Score for mfe	:	1.2
Score for randfold	:	1.6
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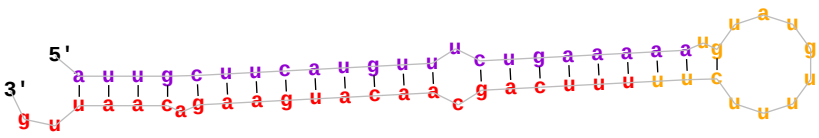

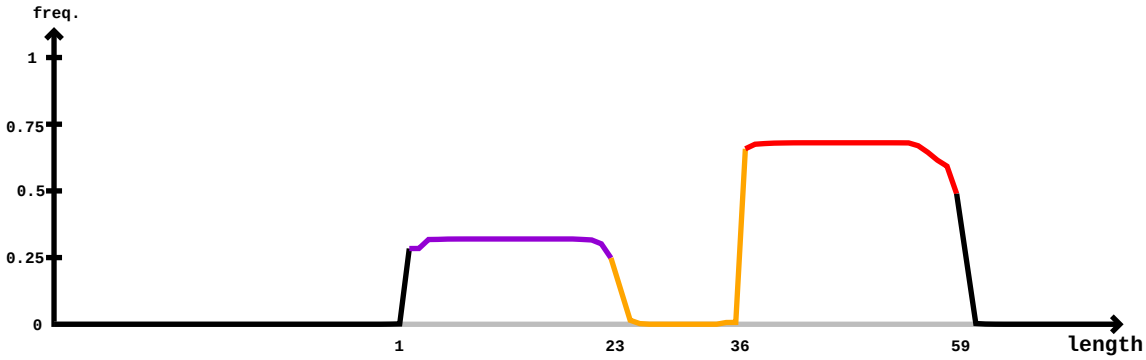

Star **Mature**

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    uuacaaggcgcaauguaaauuuauacuagacaacgauugcuucauguuucugaaaaauguauguuuucuuuucagcaacaugaagacaauuguguuuauauaaaauga        exp
    (((((........)))))).((((((.((((((.(((((((((((((((.(((((((((.(........)))))))))).)))))))))).))))))))))))))).....  reads    mm    sample
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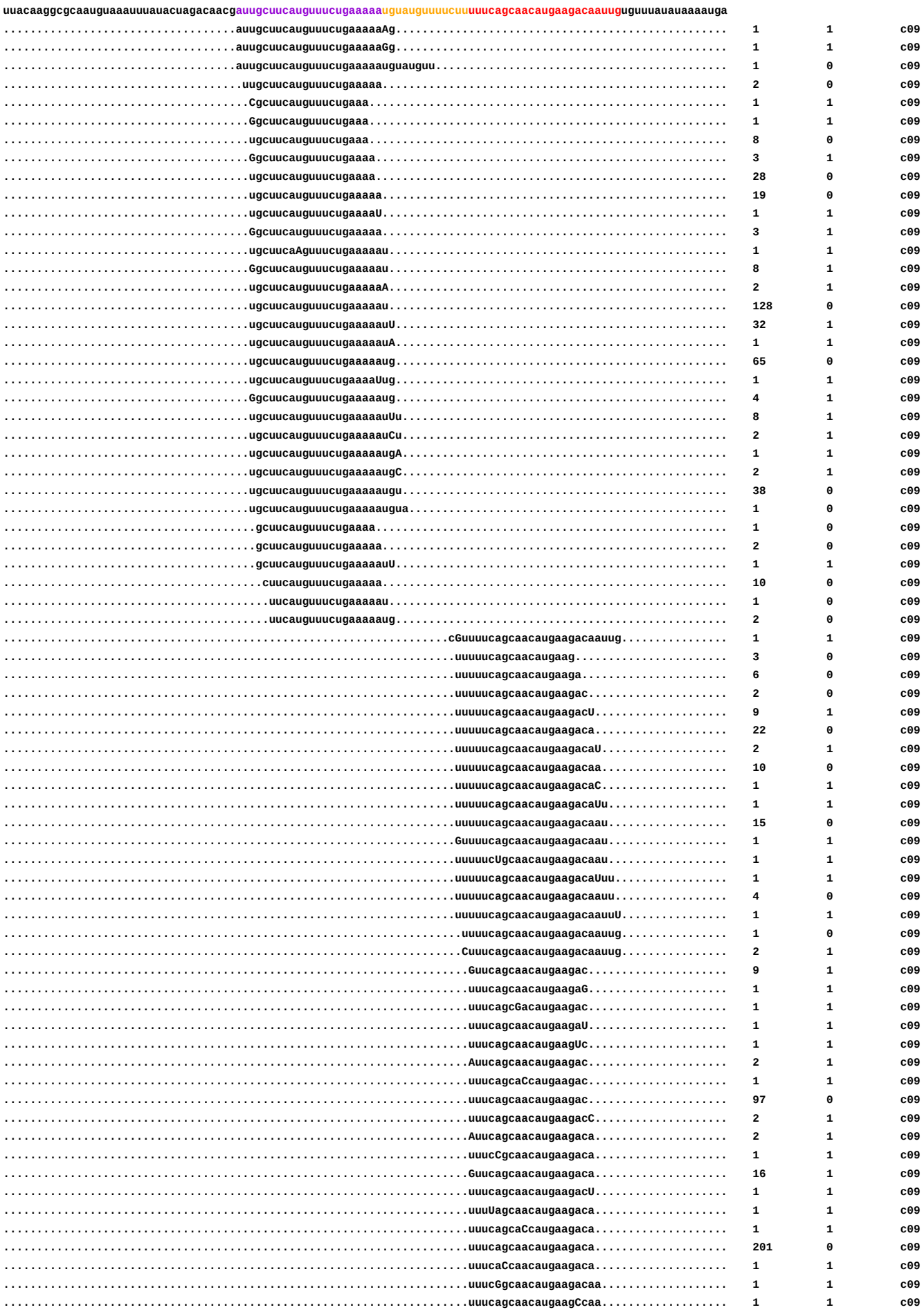
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Star Mature

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.....uuucagcaacaugaagacaauugG.....	13	1	c16
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Star Mature

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.....auugcuucauguuucCgaaaaa.....	1	1	c02
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Star Mature

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.....cuucauguuucugaaaaa.....	8	0	c02
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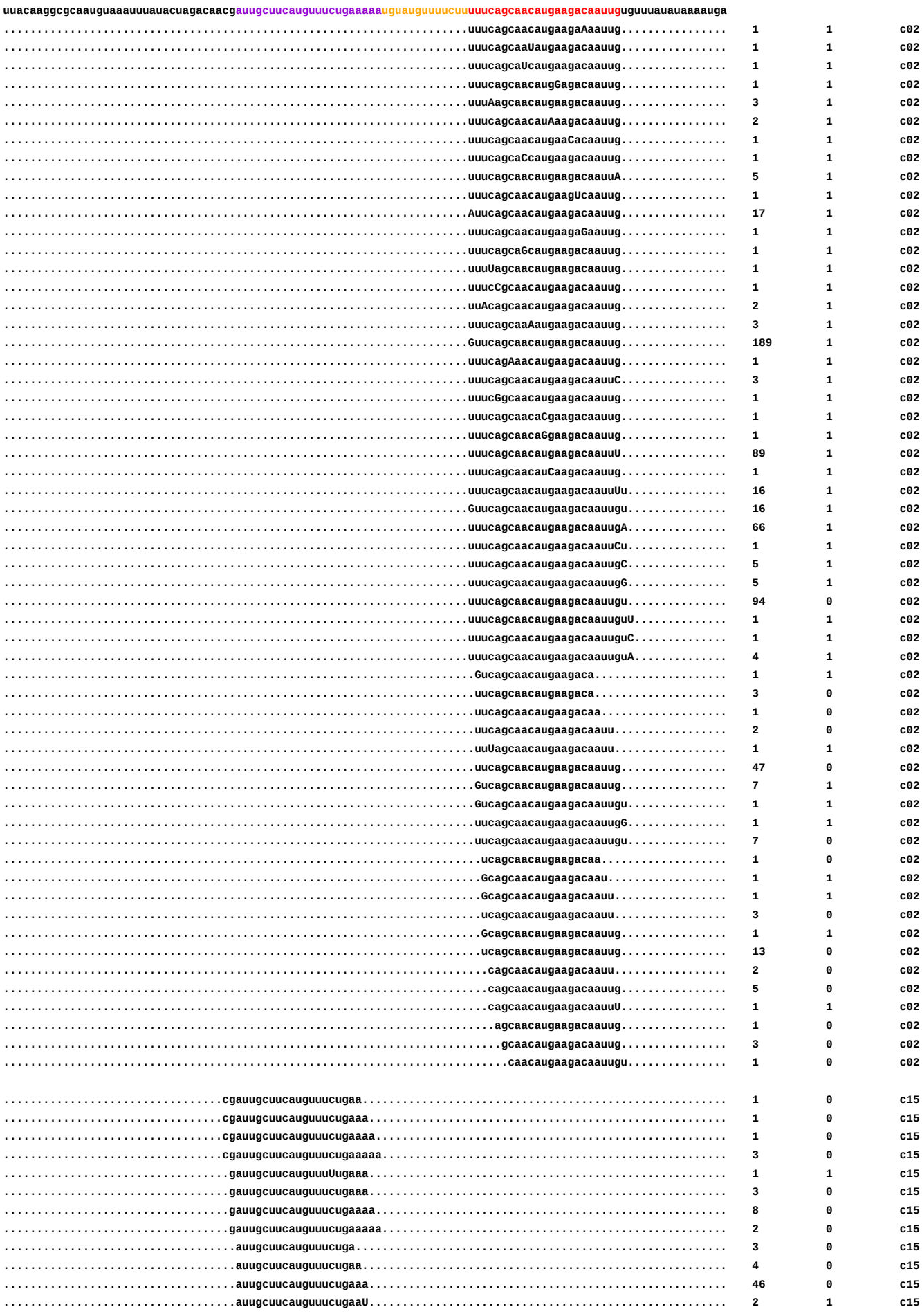
Star
Mature
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.....uuucagcaaUaugaagacaauug..... 1 1 c02
.....uuucagcaUcaugaagacaauug..... 1 1 c02
.....uuucagcaacaugGagacaauug..... 1 1 c02
.....uuuAagcaacaugaagacaauug..... 3 1 c02
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.....Auucagcaacaugaagacaauug..... 17 1 c02
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.....ucagcaacaugaagacaa..... 1 0 c02
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.....auugcuucauguuucugaa..... 4 0 c15
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Star Mature

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Star Mature

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Score total	:	243.6
Score for star read(s)	:	3.9
Score for read counts	:	243.8
Score for mfe	:	-1.3
Score for randfold	:	-2.2
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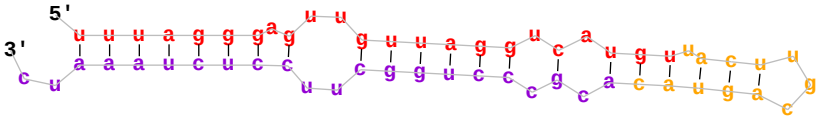

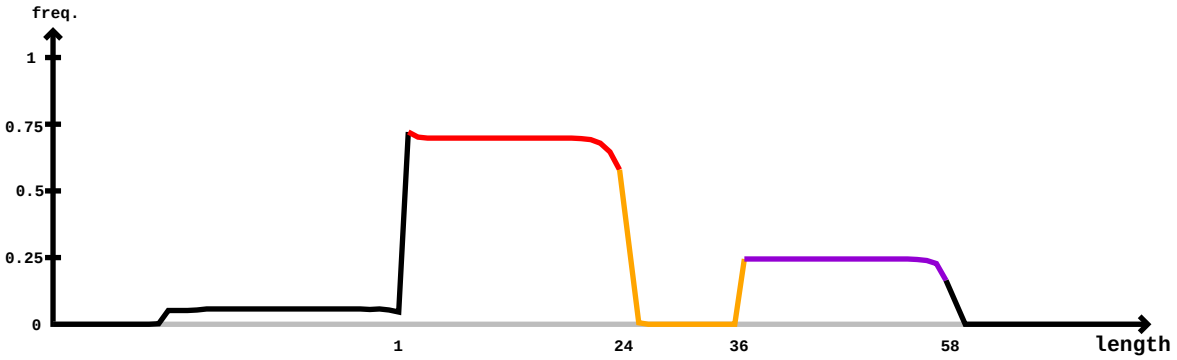

Mature **Star**

```
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    ugucauacaaaaggauuucaaaaccggucugucgcuuuagggaguuguuaggucauguuacuugcaguacacgcccuggcuuccucuaaaaucaguaguccugguacauucuu        exp
    ..........((((((.....(((((.(((.(..(((((((.(..((((((.(.(((.(((...)))))).).))))))..)))))))...)))).)).))).))))))  reads     mm      sample
    ...................................uuuagAgaguuguuaggu.....................................................................  1         1       c09
    ...................................uuuagAgaguuguuagguca...................................................................  2         1       c09
    ...................................uuuagAgaguuguuaggucaug..................................................................  5         1       c09
    ...................................uuuagAgaguuguuaggucaugu.................................................................  12        1       c09
    ..........................................................acgcccuggcuuccucua.....................................  1         0       c09
    ..........................................................acgcccuggcuuccucuaaaG...................................  1         1       c09
    ..........................................................acgcccuggcuuccucuaaauc..................................  1         0       c09
    ..........................................................acgcccuggcuuccucuaaaGc..................................  2         1       c09

    .........aaaggauuucaaaaccggucugucgc.....................................................................................  1         0       c16
    .........aaggauuucaaaaccggucuA..........................................................................................  1         1       c16
    .........aaggauuucaaaaccggucugu.........................................................................................  2         0       c16
    .........aaggauuucaaaaccggucuguc........................................................................................  1         0       c16
    .........aaggauuucaaaaccggucugucg.......................................................................................  4         0       c16
    .........aaggauuucaaaaccggucugucgc......................................................................................  6         0       c16
    .........aaggauuucaaaaccggucugucgcu.....................................................................................  6         0       c16
    .........aaggauAucaaaaccggucugucgcu.....................................................................................  1         1       c16
    .........aaggauuucaaaaccggucugucgcuC....................................................................................  1         1       c16
    ..............Cuuucaaaaccggucuguc.......................................................................................  1         1       c16
    ..............auuucaaaaccggucugucg.......................................................................................  1         0       c16
    ...................................cuuuagAgaguuguuaggucaug................................................................  1         1       c16
    ...................................uuuagAgaguuguuagguc....................................................................  2         1       c16
    ...................................uuuagAgaguuguuagguca...................................................................  1         1       c16
    ...................................uuuagggaguuguuaggucau..................................................................  2         0       c16
    ...................................uuuagggaguGguuaggucau..................................................................  1         1       c16
    ...................................uuuagAgaguuguuaggucau..................................................................  6         1       c16
    ...................................uuuagggaguuguuaggucaug.................................................................  4         0       c16
    ...................................uuuagAgaguuguuaggucaug.................................................................  7         1       c16
    ...................................uuuagggaguGguuaggucaugu................................................................  2         1       c16
    ...................................uuuagAgaguuguuaggucaugu................................................................  140       1       c16
    ..................................Guuagggaguuguuaggucaugu.................................................................  3         1       c16
    ...................................uuuagggaguuguuaggucaugu................................................................  25        0       c16
    ...................................uuuagggaguuguuaggucauguu...............................................................  1         0       c16
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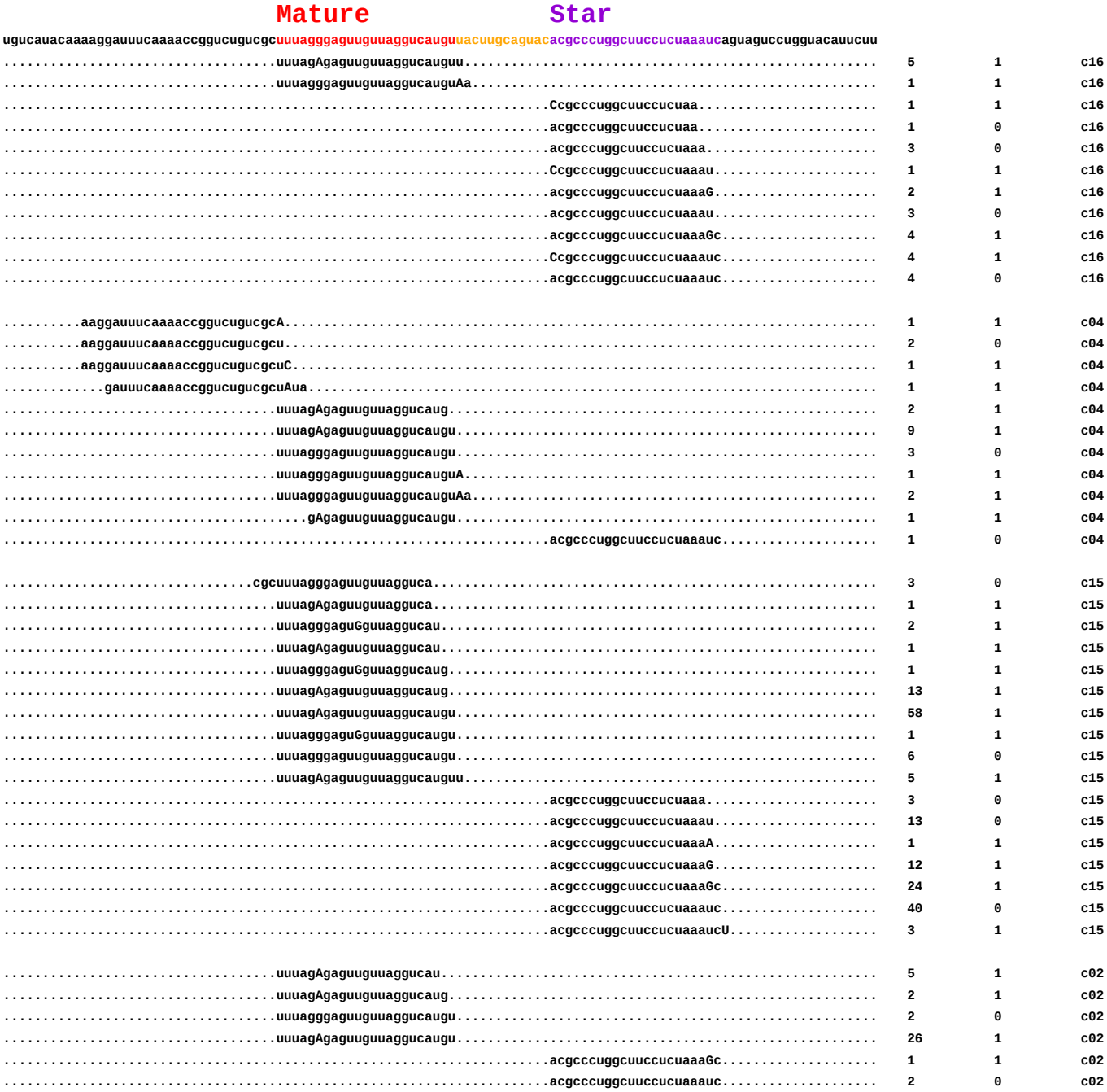
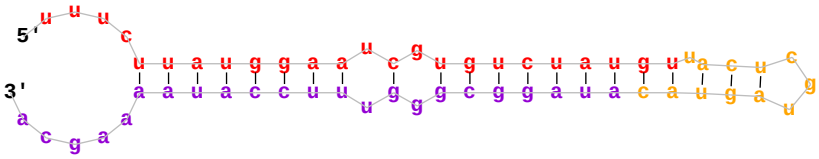
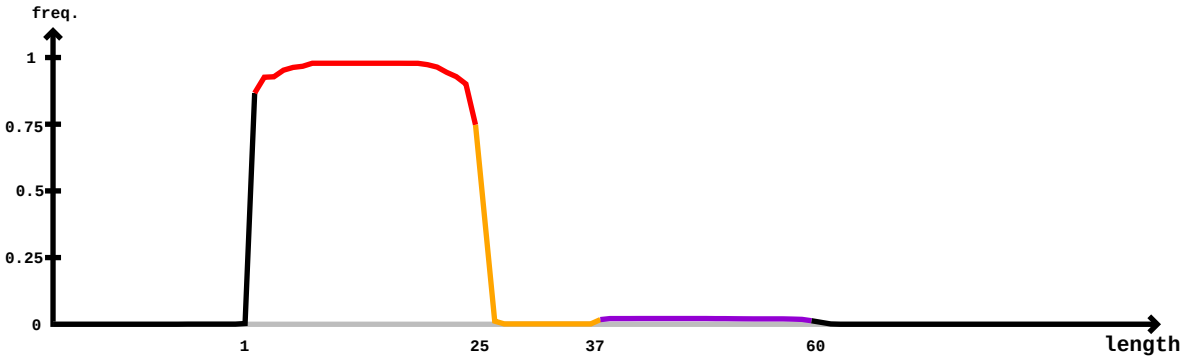

Mature
Star
ugucauacaaaaggauuucaaaaccggucugucgcuuuagggaguuguuaggucauguuacuugcaguacacgcccuggcuuccucuaaaaucaguaguccugguacauucuu
.....uuuagAgaguuguuaggucauguu..... 5 1 c16
.....uuuagggaguuguuaggucauguAa..... 1 1 c16
.....Ccgcccuggcuuccucuaa..... 1 1 c16
.....acgcccuggcuuccucuaa..... 1 0 c16
.....acgcccuggcuuccucuaaa..... 3 0 c16
.....Ccgcccuggcuuccucuaaau..... 1 1 c16
.....acgcccuggcuuccucuaaaG..... 2 1 c16
.....acgcccuggcuuccucuaaau..... 3 0 c16
.....acgcccuggcuuccucuaaaGc..... 4 1 c16
.....Ccgcccuggcuuccucuaaauc..... 4 1 c16
.....acgcccuggcuuccucuaaauc..... 4 0 c16
.....aaggauuucaaaaccggucugucgcA..... 1 1 c04
.....aaggauuucaaaaccggucugucgcu..... 2 0 c04
.....aaggauuucaaaaccggucugucgcuC..... 1 1 c04
.....gauuucaaaaccggucugucgcuAua..... 1 1 c04
.....uuuagAgaguuguuaggucaug..... 2 1 c04
.....uuuagAgaguuguuaggucaugu..... 9 1 c04
.....uuuagggaguuguuaggucaugu..... 3 0 c04
.....uuuagggaguuguuaggucauguA..... 1 1 c04
.....uuuagggaguuguuaggucauguAa..... 2 1 c04
.....gAgaguuguuaggucaugu..... 1 1 c04
.....acgcccuggcuuccucuaaauc..... 1 0 c04
.....cgcuuuagggaguuguuagguca..... 3 0 c15
.....uuuagAgaguuguuagguca..... 1 1 c15
.....uuuagggaguGguuaggucau..... 2 1 c15
.....uuuagAgaguuguuaggucau..... 1 1 c15
.....uuuagggaguGguuaggucaug..... 1 1 c15
.....uuuagAgaguuguuaggucaug..... 13 1 c15
.....uuuagAgaguuguuaggucaugu..... 58 1 c15
.....uuuagggaguGguuaggucaugu..... 1 1 c15
.....uuuagggaguuguuaggucaugu..... 6 0 c15
.....uuuagAgaguuguuaggucauguu..... 5 1 c15
.....acgcccuggcuuccucuaaa..... 3 0 c15
.....acgcccuggcuuccucuaaau..... 13 0 c15
.....acgcccuggcuuccucuaaaA..... 1 1 c15
.....acgcccuggcuuccucuaaaG..... 12 1 c15
.....acgcccuggcuuccucuaaaGc..... 24 1 c15
.....acgcccuggcuuccucuaaauc..... 40 0 c15
.....acgcccuggcuuccucuaaaucU..... 3 1 c15
.....uuuagAgaguuguuaggucau..... 5 1 c02
.....uuuagAgaguuguuaggucaug..... 2 1 c02
.....uuuagggaguuguuaggucaugu..... 2 0 c02
.....uuuagAgaguuguuaggucaugu..... 26 1 c02
.....acgcccuggcuuccucuaaaGc..... 1 1 c02
.....acgcccuggcuuccucuaaauc..... 2 0 c02

Provisional ID	:	group19_29761
Score total	:	2390.3
Score for star read(s)	:	3.9
Score for read counts	:	2383.6
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	4687
Mature read count	:	4592
Loop read count	:	0
Star read count	:	95





Mature **Star**

```
5'- uguuuaaaccuggcuguuguuucuuauggaaucgugucuaauguacucguaguacauaggcgggauuuccauaaaagcaccagcccugguacauucuucgagggauuuuacaug  -3'   obs
    uguuuaaaccuggcuguuguuucuuauggaaucgugucuaauguacucguaguacauaggcgggauuuccauaaaagcaccagcccugguacauucuucgagggauuuuacaug        exp
    .......(((.(((((.(((((.(((((((((.(.(((((((((.(((...)))))))))))))).).)))))))))))))).)))))..)))..(((((....)))))........  reads   mm   sample
    .................guuucuuauggaaucgugucuau.....................................................................................  1       0    c15
    .................guuucuuauggaaucgugucuaugu....................................................................................  1       0    c15
    .................guuAcuuauggaaucgugucuaugu....................................................................................  1       1    c15
    ...................uuAcuuauggaaucguguc.........................................................................................  3       1    c15
    ...................uuucuuauggaaucguguc.........................................................................................  2       0    c15
    ...................uuucuuauggaaucgugucu........................................................................................  2       0    c15
    ...................uuAcuuauggaaucgugucu........................................................................................  7       1    c15
    ...................uuucuuauggaaucgugucua.......................................................................................  1       0    c15
    ...................uuAcuuauggaaucgugucua.......................................................................................  19      1    c15
    ...................uuAcuuauggaaucgugucuau......................................................................................  28      1    c15
    ...................uuucuuauggaaucgugucuau......................................................................................  16      0    c15
    ...................uuAcuuauggaaucgugucuaug.....................................................................................  298     1    c15
    ...................uuucuuauggaaucgugucuauA.....................................................................................  2       1    c15
    ...................uuucuuauggaaucgugucuCug.....................................................................................  1       1    c15
    ...................uuucuuauggaaucgugucuaug.....................................................................................  85      0    c15
    ...................uuAcuuauggaaucgugucuaugu....................................................................................  1261    1    c15
    ...................uuucuuauggaaucgugucuaugu....................................................................................  166     0    c15
    ...................uuucuuauggaaucgugucuaugC....................................................................................  1       1    c15
    ...................uuucuuauggaaucgugucuauguA...................................................................................  2       1    c15
    ...................uuAcuuauggaaucgugucuauguu...................................................................................  76      1    c15
    ...................uuucuuauggaaucgugucuauguu...................................................................................  3       0    c15
    ...................uuucuuauggaaucgugucuauguuU..................................................................................  1       1    c15
    ...................uuAcuuauggaaucgugucuauguua..................................................................................  2       1    c15
    ...................uuucuuauggaaucgugucuauguuaU.................................................................................  1       1    c15
    .....................uucuuauggaaucgugucu.........................................................................................  1       0    c15
    .....................uucuuauggaaucgugucua........................................................................................  1       0    c15
    .....................uucuuauggaaucgugucuau.......................................................................................  1       0    c15
    .....................uucuuauggaaucgugucuaug......................................................................................  25      0    c15
    .....................uAcuuauggaaucgugucuaug......................................................................................  2       1    c15
    .....................uucAuauggaaucgugucuaugu.....................................................................................  1       1    c15
    .....................uAcuuauggaaucgugucuaugu.....................................................................................  5       1    c15
    .....................uucuuauggaaucgugucuaugu.....................................................................................  83      0    c15
    .....................uAcuuauggaaucgugucuauguu....................................................................................  1       1    c15
```

Mature Star

```
uguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauaggcgggauuccauaaaagcaccagcccugguacauucuucgagggauuuuacaug
.....uucuuauggaaucgugucuauguu.....  5  0  c15
.....uucuuauggaaucgugucuauguA.....  2  1  c15
.....uucuuauggaaucgugucuauguuU.....  2  1  c15
.....uucuuauggaaucgugucuauguAa.....  1  1  c15
.....ucuuauggaaucgugucuauguu.....  1  0  c15
.....cuuauggaaucgugucuaugu.....  2  0  c15
.....uauggaaucgugucuaugu.....  1  0  c15
.....auggaaucgugucuaugu.....  1  0  c15
.....auaggcgggauuccauaaaa.....  3  0  c15
.....auaggcgggauuccauaaaag.....  5  0  c15
.....auaggcgggauuccauaaaagU.....  1  1  c15
.....auaggcgggauuccauaaaagc.....  18  0  c15
.....auaggcgggauuUcauaaaagca.....  1  1  c15
.....auaggcgggauuccauaaaagcU.....  2  1  c15
.....auaggcgggauuccauaaaagca.....  20  0  c15
.....auaggcgggauuccauaaaagcaA.....  2  1  c15
.....auaggcgggauuccauaaaagcaU.....  2  1  c15
.....auaggcgggauuccauaaaagcac.....  8  0  c15
.....auaggcgggauuccauaaaagcacU.....  3  1  c15
.....uaggcgggauuccauaaaagc.....  4  0  c15
.....uUggcgggauuccauaaaagca.....  1  1  c15
.....uaggcgggauuccauaaaagcU.....  1  1  c15
.....uaggcgggauuccauaaaagca.....  10  0  c15
.....uaggcgggauuccauaaaagcac.....  2  0  c15

.....Guucuuauggaaucgugu.....  1  1  c02
.....uuAcuuauggaaucgugu.....  2  1  c02
.....uuucuuauggaaucguguc.....  3  0  c02
.....uuAcuuauggaaucguguc.....  5  1  c02
.....uuucuuauggaaucgugucA.....  1  1  c02
.....uuAcuuauggaaucgugucu.....  5  1  c02
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.....uAcuuauggaaucgugucuaugu.....  1  1  c02
.....Acuuauggaaucgugucuaugu.....  1  1  c02
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.....uuauggaCucgugucuaugu.....  1  1  c02
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.....uauggaaucgugucuaugu.....  4  0  c02
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.....uuAcuuauggaaucgugu.....  2  1  c04
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.....uuAcuuauggaaucgugucuau.....  6  1  c04
.....uuAcuuauggaaucgugucuaug.....  24  1  c04
.....Guucuuauggaaucgugucuaug.....  1  1  c04
.....uuucuuauggaaucgugucuaug.....  7  0  c04
```

Mature Star

uguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauaggcgggauuccauaaaagcaccagcccugguacauucuucgagggauuuuacaug

.....uuucuuauggaaucgugucuaugA.....	1	1	c04
.....uuAcuuauggaaucgugucuaugu.....	122	1	c04
.....uuucuuauggaaucgugucuaugu.....	11	0	c04
.....uuucuuauggaaucgugucuauguG.....	1	1	c04
.....Auucuuauggaaucgugucuauguu.....	1	1	c04
.....uuAcuuauggaaucgugucuauguu.....	2	1	c04
.....uuucuuauggaaucgugucuauguA.....	1	1	c04
.....uuucuuauggaaucgugucuauguAa.....	2	1	c04
.....uuucuuauggaaucgugucuauguua.....	1	0	c04
.....uAcuuauggaaucgugucuau.....	1	1	c04
.....uAcuuauggaaucgugucuaug.....	1	1	c04
.....uucuuauggaaucgugucuaug.....	4	0	c04
.....uucuuauggaaucgugucuaugu.....	1	0	c04
.....uucuuauCgaaucgugucuaugu.....	1	1	c04
.....uAcuuauggaaucgugucuaugu.....	1	1	c04
.....uucuuauggaaucgugucuauguA.....	1	1	c04
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.....uuauggaaucgugucuaug.....	2	0	c04
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.....Gauggaaucgugucuaugu.....	1	1	c04
.....uauggaaucgugucuauguAa.....	1	1	c04
.....uauggaaucgugucuauguCa.....	1	1	c04
.....auggaaucgugucuaugu.....	6	0	c04
.....uacucguaguacauaggcgggauuucc.....	2	0	c04
.....auaggcgggauuuccauaaaagca.....	1	0	c04

.....gcuguuguuAcuuauggaaucgu.....	1	1	c16
.....gcuguuguuAcuuauggaaucguguc.....	1	1	c16
.....guuucuuauggaaucgugucua.....	1	0	c16
.....guuucuuauggaaucgugucuau.....	2	0	c16
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.....uuAcuuauggaaucgugu.....	6	1	c16
.....uuucuuauggaaucgugu.....	8	0	c16
.....Guucuuauggaaucgugu.....	1	1	c16
.....uuAcuuauggaaucguguc.....	16	1	c16
.....uuucuuauggaaucguguc.....	2	0	c16
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.....Guucuuauggaaucgugucuaug.....	4	1	c16
.....uuucuuauggaaucgugucuaug.....	45	0	c16
.....Cuucuuauggaaucgugucuaug.....	1	1	c16
.....Guucuuauggaaucgugucuaugu.....	9	1	c16
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.....uuAcuuauggaaucgugucuaugu.....	932	1	c16
.....uuucuuauggaaucgugucuauAu.....	2	1	c16
.....Auucuuauggaaucgugucuaugu.....	1	1	c16
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.....uuucuuauggaaucgugucuauguA.....	14	1	c16
.....uuucuuauggaaucgugucuauguu.....	2	0	c16
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.....uuAcuuauggaaucgugucuauguua.....	2	1	c16
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.....uucuuauggaaucgugucua.....	3	0	c16
.....uucuuauggaaucgugucuau.....	3	0	c16

Mature Star

uguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauaggcgggauuccauaaaagcaccagcccugguacauucuucgagggauuuuacaug

.....uAcuuauggaaucgugucuaug.....	1	1	c16
.....uucuuauggaaucgugucuaug.....	7	0	c16
.....uucuuauggaGucgugucuaugu.....	1	1	c16
.....uucuuGuggaaucgugucuaugu.....	1	1	c16
.....Gucuuauggaaucgugucuaugu.....	3	1	c16
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.....uAcuuauggaaucgugucuaugu.....	6	1	c16
.....uucuuauggaaucgugucuauguA.....	8	1	c16
.....uucuuauggaaucgugucuauguu.....	1	0	c16
.....uucuuauggaaucgugucuauguAa.....	3	1	c16
.....Acuuauggaaucgugucuaugu.....	4	1	c16
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.....Uuuauggaaucgugucuau.....	2	1	c16
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.....cuuauggaaucgugucuauguu.....	1	0	c16
.....cuuauggaaucgugucuauguA.....	2	1	c16
.....cuuauggaaucgugucuauguAa.....	8	1	c16
.....uuauggaaucgugucuaug.....	3	0	c16
.....uuauggaaucgugucuauUu.....	1	1	c16
.....uuauggaaucgugucuaugu.....	22	0	c16
.....Guauggaaucgugucuaugu.....	1	1	c16
.....uuauggaaucgugucuauguA.....	1	1	c16
.....uuauggaaucgugucuauguAa.....	2	1	c16
.....uuauggaaucgugucuauguua.....	1	0	c16
.....Gauggaaucgugucuaug.....	1	1	c16
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.....uauggaaucgugucuaugu.....	6	0	c16
.....uauggaaucgugucuauguAa.....	1	1	c16
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.....auggaaucgugucuaugu.....	17	0	c16
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.....auggaaucgugucuauguAa.....	9	1	c16
.....guuacucguaguacauaggcgggguu.....	1	0	c16
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.....Ccucguaguacauaggcgggguu.....	1	1	c16
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.....auaggcgggguuucAauaaaagca.....	1	1	c16
.....Cuaggcgggguuuccauaaaagca.....	1	1	c16
.....auaggcgggguuuccauaaaagcac.....	1	0	c16
.....auaggcgggguuuccauaaaagcacU.....	2	1	c16
.....guuucuuauggaaucgugucuau.....	1	0	c09
.....uuAcuuauggaaucgugu.....	4	1	c09
.....uuAcuuauggaaucguguc.....	4	1	c09
.....uuAcuuauggaaucgugucu.....	8	1	c09
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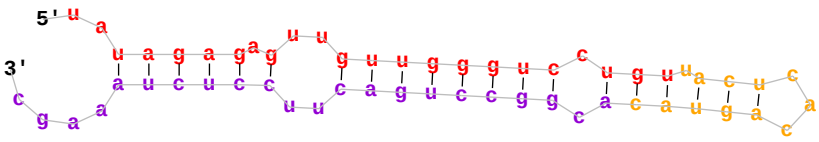
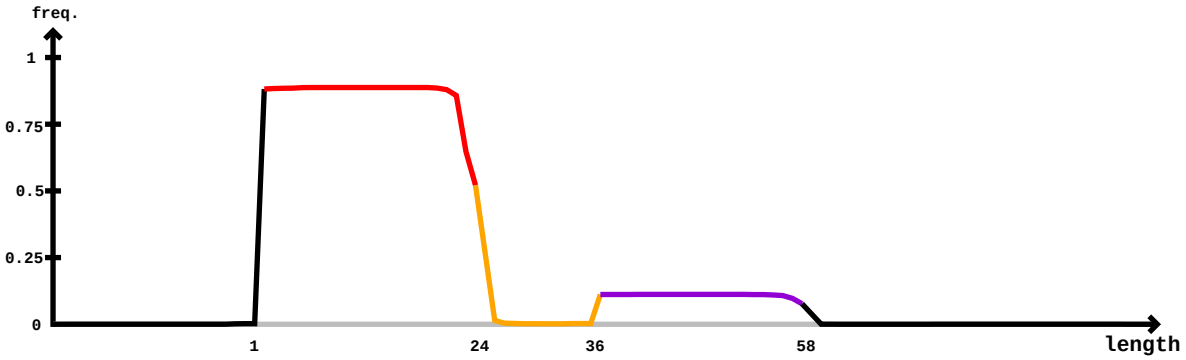
.....uuucuuauggaaucgugucuau.....	4	0	c09
.....uuAcuuauggaaucgugucuau.....	4	1	c09
.....Guucuuauggaaucgugucuau.....	1	1	c09
.....uuAcuuauggaaucgugucuaug.....	15	1	c09
.....uuucuuauggaaucgugucuaug.....	8	0	c09
.....Guucuuauggaaucgugucuaug.....	4	1	c09
.....uuucuuauggaaucgugucuaugu.....	32	0	c09
.....uuucuuauggaaucguCucuaugu.....	1	1	c09
.....Guucuuauggaaucgugucuaugu.....	2	1	c09
.....uuAcuuauggaaucgugucuaugu.....	99	1	c09
.....uuAcuuauggaaucgugucuauguu.....	1	1	c09
.....uucuuauggaaucgugucuaug.....	4	0	c09
.....uucuuauggaaucgugucuaugu.....	11	0	c09

Mature
Star
uguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauaggcgggauuuccauaaaagcaccagcccugguacauucuucgagggauuuuacaug
.....uAcuuauggaaucgugucuaugu..... 1 1 c09
.....uucuuauggaaucgugucuauguA..... 1 1 c09
.....uucuuauggaaucgugucuauguu..... 1 0 c09
.....Acuuauggaaucgugucu..... 1 1 c09
.....Uuuauggaaucgugucuau..... 1 1 c09
.....Uuuauggaaucgugucuaug..... 1 1 c09
.....cuuauggaaucgugucuaug..... 2 0 c09
.....cuuauggaaucgugucuaugu..... 12 0 c09
.....cuuauggaaucguguAuaugu..... 1 1 c09
.....uuauggaaucgugucuaug..... 1 0 c09
.....uuauggaaucgugucuaugu..... 3 0 c09
.....uuauggaaucgugucuauguu..... 1 0 c09
.....auggaaucgugucuaugu..... 5 0 c09
.....augCaaucgugucuaugu..... 1 1 c09
.....auUgaaucgugucuaugu..... 1 1 c09
.....auggaaucgugucuauguA..... 1 1 c09
.....Cuaggcgggauuccauaaaa..... 1 1 c09
.....auaggcgggauuccauaaaagca..... 1 0 c09
.....gcgggauuccauaaaagcac..... 1 0 c09

Provisional ID	:	group19_29763
Score total	:	2045.2
Score for star read(s)	:	3.9
Score for read counts	:	2035.3
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	4004
Mature read count	:	3561
Loop read count	:	0
Star read count	:	443





Mature **Star**

```
5'- uuucaaaaccugucugucgcuauagagaguuguuggguccuguuacucacaguacacggccugacuuccucuaaagcagcaguccugguacauucuucgagagaugaugcgga  -3'   obs
    uuucaaaaccugucugucgcuauagagaguuguuggguccuguuacucacaguacacggccugacuuccucuaaagcagcaguccugguacauucuucgagagaugaugcgga        exp
    .......(((.(.((((.(((.(((((.(..(((((((((.(((.(((...)))))).)))))))..)))))).)))).)..))).((((..((....)).)))).....   reads   mm   sample
    ................cgcuauagagaguuguuAgguc.....................................................................   1       1    c02
    ..................uauagagaguuguuAgguc.....................................................................   1       1    c02
    ..................uauagagaguuguugggucc.....................................................................   2       0    c02
    ..................uauagagaguuguuAggucc.....................................................................   6       1    c02
    ..................uauagagaguuguugggucU.....................................................................   1       1    c02
    ..................uauagagaguuguuAgguccu.....................................................................   21      1    c02
    ..................uauagagaguuguuggguccug.....................................................................   4       0    c02
    ..................uauagagaguuguuAgguccug.....................................................................   30      1    c02
    ..................uauagagaguuguuggguccGg.....................................................................   1       1    c02
    ..................Gauagagaguuguuggguccugu.....................................................................   1       1    c02
    ..................uauagagaguuguuggguccugu.....................................................................   8       0    c02
    ..................uauagagaguuguuAgguccugu.....................................................................   198     1    c02
    ..................uauagagaguuguuAgguccuguu.....................................................................   15      1    c02
    ..................uauagagaguuguuAgguccuguua.....................................................................   1       1    c02
    ..................uauagagaguuguuAgguccuguuac.....................................................................   1       1    c02
    ..................auagagaguuguuAgguccug.....................................................................   1       1    c02
    ....................gagaguuguuAgguccugu.....................................................................   1       1    c02
    ....................agaguuguuAgguccugu.....................................................................   1       1    c02
    ..........................................................Gacacggccugacuuccucuaa.....................................   1       1    c02
    ..........................................................acggccugacuuccucua.....................................   1       0    c02
    ..........................................................Ccggccugacuuccucuaaa.....................................   3       1    c02
    ..........................................................acggccugacuuccucuaaa.....................................   6       0    c02
    ..........................................................Ccggccugacuuccucuaaag.....................................   1       1    c02
    ..........................................................acggccugacuuccucuaaag.....................................   6       0    c02
    ..........................................................Ccggccugacuuccucuaaagc.....................................   1       1    c02
    ..........................................................acggccugacuuccucuaaagc.....................................   5       0    c02

    ................cgcuauagagaguuguuAggucc.....................................................................   2       1    c15
    ..................uauagagaguuguuAggucc.....................................................................   20      1    c15
    ..................uauagagaguuguuggguccc.....................................................................   1       0    c15
    ..................uauagagaguuguuAgguccu.....................................................................   103     1    c15
    ..................uauagagaguuguuggguccu.....................................................................   3       0    c15
    ..................uauagagaguuguuggguccuA.....................................................................   2       1    c15
```

Mature Star

```
uuucaaaaccugucugucgcuauagagaguuguuggguccuguuacucacaguacacggccugacuuccucuaaagcagcaguccugguacauucuucgagagaugaugcgga
.....uauagagaguuguuggguccGg.....  1  1  c15
.....uauagagaguuguuggguccug.....  4  0  c15
.....uauagagaguuguuAgguccug.....  78  1  c15
.....uauagagaguuguuggguccugu.....  9  0  c15
.....uauagagaguuguuAgguccugu.....  429  1  c15
.....uauagagaguuguuggguccuguu.....  2  0  c15
.....uauagagaguuguuAgguccuguu.....  126  1  c15
.....uauagagaguuguuggguccuguuU.....  3  1  c15
.....uauagagaguuguuggguccuguua.....  1  0  c15
.....uauagagaguuguuAgguccuguua.....  13  1  c15
.....uauagagaguuguuAgguccuguuac.....  1  1  c15
.....uauagagaguuguuAgguccuguuacu.....  1  1  c15
.....uauagagaguuguuggguccuguuaAu.....  1  1  c15
.....uauagagaguuguuAgguccuguuacuca.....  1  1  c15
.....uauagagaguuguuAgguccuguuacucaca.....  1  1  c15
.....auagagaguuguuggguccuguuU.....  1  1  c15
.....uacacggccugacuuccucuaaa.....  2  0  c15
.....acggccugacuuccucua.....  2  0  c15
.....acggccugacuuccucuaa.....  2  0  c15
.....acggcUugacuuccucuaaa.....  1  1  c15
.....acggccugacuuccucuaaa.....  21  0  c15
.....acggccugacuuccucuaaaA.....  3  1  c15
.....acggccugacuuccucuaaag.....  48  0  c15
.....acggccugacuuccAcuaaagc.....  1  1  c15
.....acgAccugacuuccucuaaagc.....  1  1  c15
.....acggccugacuuccucuaaagU.....  2  1  c15
.....acggccugacuuccucuaaaAc.....  1  1  c15
.....acggccugacuuccucuGaagc.....  1  1  c15
.....acggccugacuuccucuaaagc.....  214  0  c15
.....acggccugacuCccucuaaagc.....  1  1  c15
.....acggccugacuuccucuaaagcU.....  9  1  c15
.....acggccugacuuccucuaaagca.....  2  0  c15
.....acggccugacuuccucuaaagcC.....  1  1  c15
.....cggccugacuuccucuaaagc.....  1  0  c15
.....cggccugacuuccucuaaagcU.....  1  1  c15
.....ccuAacuuccucuaaagc.....  1  1  c15

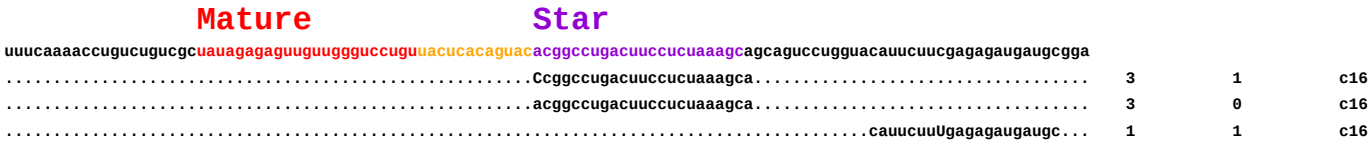
.....cgcuauagagaguuguuAggu.....  1  1  c09
.....uauagagaguuguuggguc.....  1  0  c09
.....uauagagaguuguuAggucc.....  3  1  c09
.....uauagagaguuguuAgguccu.....  26  1  c09
.....uauagagaguuguuAgguccug.....  25  1  c09
.....uauagagaguuguuggguccug.....  1  0  c09
.....uauagagaguuguuAgguccugu.....  100  1  c09
.....Aauagagaguuguuggguccugu.....  1  1  c09
.....uauagagaguuguuggguccugu.....  8  0  c09
.....uauagagaguuguuggguccuguu.....  1  0  c09
.....uauagagaguuguuAgguccuguu.....  4  1  c09
.....uauagagaguuguuggguccuguuU.....  1  1  c09
.....uauagagaguuguuAgguccuguua.....  1  1  c09
.....uauagagaguuguuAgguccuguuacucacaguaca.....  1  1  c09
.....uagagaguuguuAgguccug.....  1  1  c09
.....gagaguuguuAgguccug.....  1  1  c09
.....uacacggccugacuuccucuaa.....  1  0  c09
.....acggccugacuuccucua.....  1  0  c09
.....acggccugacuuccucuaaa.....  4  0  c09
.....acggccugacuuccucuaaag.....  6  0  c09
.....Ccggccugacuuccucuaaagc.....  1  1  c09
.....acggccugacuuccucuaaagc.....  11  0  c09
.....ccugacuuccucuaaagcagc.....  1  0  c09

.....uauagagaguuguuAggu.....  1  1  c04
.....uauagagaguuguuggguc.....  1  0  c04
.....uauagagaguuguuAgguc.....  1  1  c04
.....uauagagaguuguuAggucc.....  6  1  c04
.....uauagagaguuguuAgguccu.....  31  1  c04
.....uauagagaguuguuggguccu.....  2  0  c04
.....uauagagaguuguuAgguccug.....  32  1  c04
.....uauagagaguuguuggguccugu.....  7  0  c04
.....uauagagaguuguuAgguccugu.....  109  1  c04
```

Mature Star

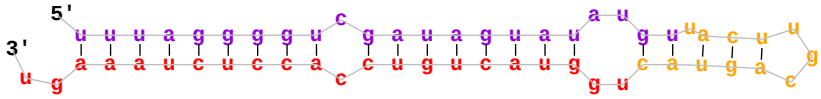
```
uuucaaaaccugucugucgcuauagagaguuguuggguccuguuacucacaguacacggccugacuuccucuaaagcagcaguccugguacauucuucgagagaugaugcgga
.....uauagagaguuguuAgguccuguu.....  6  1  c04
.....uauagagaguuguuAgguccuguua.....  1  1  c04
.....uauagagaguuguuggguccuguAa.....  1  1  c04
.....uagagaguuguuAgguccugu.....  1  1  c04
.....agagaguuguuAgguccugu.....  1  1  c04
.....gagaguuguuAgguccugu.....  1  1  c04
.....Ccggccugacuuccucuaaagc.....  1  1  c04
.....acggccugacuuccucuaaagA.....  1  1  c04
.....acggccugacuuccucuaaagc.....  2  0  c04
.....cggccugacuuccucuaaag.....  1  0  c04

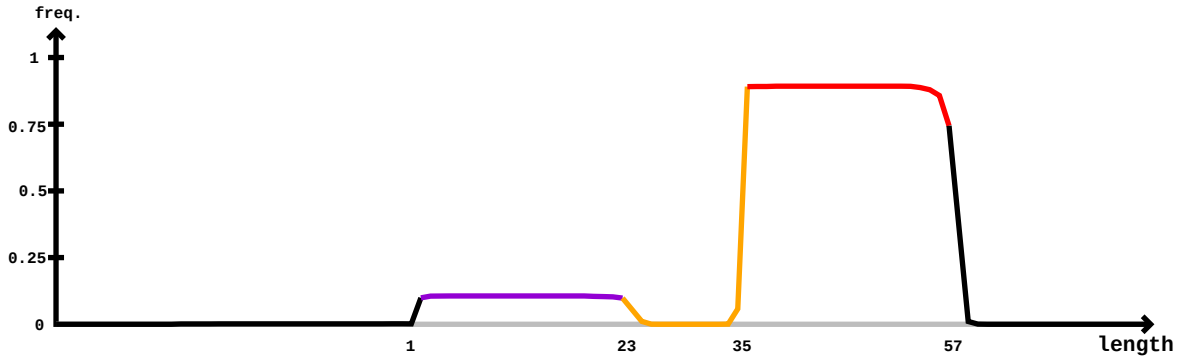
uuucaaaaccugucugucgc.....  1  0  c16
.....cgcuauagagaguuguuAggucc.....  2  1  c16
.....gcuauagagaguuguuAgguc.....  1  1  c16
.....gcuauagagaguuguuAgguccug.....  1  1  c16
.....uauagagaguuguuAggu.....  6  1  c16
.....uauagagaguuguuggguc.....  1  0  c16
.....uauagagaguuguuAgguc.....  17  1  c16
.....uauagagaguuguugggucc.....  2  0  c16
.....uauagagaguuguuAggucc.....  41  1  c16
.....uauagagaguuguugggucA.....  1  1  c16
.....Gauagagaguuguuggguccu.....  6  1  c16
.....uauagagaguuguuAgguccu.....  611  1  c16
.....uauagagaguuguuggguccu.....  39  0  c16
.....uauagagaguuCuuggguccug.....  1  1  c16
.....Gauagagaguuguuggguccug.....  2  1  c16
.....uauagagaguuguuggguccug.....  19  0  c16
.....uauagagaguuguuAgguccug.....  302  1  c16
.....uauagagaguuguuggguccuU.....  2  1  c16
.....uauagagaguuguuggguccugA.....  1  1  c16
.....uauagagaguuguuggguccugu.....  32  0  c16
.....uauagagaguuguCggguccugu.....  1  1  c16
.....uauagagaguuguuggguccAgu.....  1  1  c16
.....Gauagagaguuguuggguccugu.....  3  1  c16
.....Cauagagaguuguuggguccugu.....  1  1  c16
.....uauagagaguuguuAgguccugu.....  912  1  c16
.....uauagagaguuguuggCuccugu.....  1  1  c16
.....uauagagaguuguuAgguccuguu.....  51  1  c16
.....uauagagaguuguuggguccuguu.....  4  0  c16
.....uauagagaguuguuAgguccuguua.....  13  1  c16
.....uauagagaguuguuggguccuguuU.....  2  1  c16
.....uauagagaguuguuggguccuguua.....  2  0  c16
.....uauagagaguuguuAgguccuguuac.....  2  1  c16
.....uauagagaguuguuAgguccuguuacu.....  3  1  c16
.....uauagagaguuguuggguccuguuacucacaguacU.....  1  1  c16
.....uauagagaguuguuAgguccuguuacucacaguaca.....  1  1  c16
.....auagagaguuguuAggucc.....  1  1  c16
.....auagagaguuguuAgguccug.....  2  1  c16
.....auagagaguuguuAgguccugu.....  2  1  c16
.....uagagaguuguuAgguccu.....  1  1  c16
.....uagagaguuguuAgguccugu.....  1  1  c16
.....agagaguuguuAgguccugu.....  1  1  c16
.....gagaguuguuAgguccug.....  1  1  c16
.....gagaguuguuggguccug.....  1  0  c16
.....gagaguuguuAgguccugu.....  2  1  c16
.....gagaguuguuggguccugu.....  1  0  c16
.....acucacaguacacggccugacuuccuc.....  3  0  c16
.....Gacacggccugacuuccucuaa.....  1  1  c16
.....acggccugacuuccucua.....  2  0  c16
.....Ccggccugacuuccucuaa.....  2  1  c16
.....acggccugacuuccucuaa.....  2  0  c16
.....Ccggccugacuuccucuaaa.....  3  1  c16
.....acggccugacuuccucuaaa.....  2  0  c16
.....acggccugacuuccucuaaag.....  12  0  c16
.....Ccggccugacuuccucuaaag.....  3  1  c16
.....acggccugacuuccucuaaaA.....  1  1  c16
.....acggccugacuuccucuaaaUc.....  1  1  c16
.....Ccggccugacuuccucuaaagc.....  9  1  c16
.....acggccugacuuccucuGaagc.....  1  1  c16
.....acggccugacuuccucuaaagc.....  34  0  c16
```



3	1	c16
3	0	c16
1	1	c16

Provisional ID	:	group19_29766
Score total	:	1800.5
Score for star read(s)	:	3.9
Score for read counts	:	1793.7
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	3530
Mature read count	:	3156
Loop read count	:	0
Star read count	:	374





Star **Mature**

```
5'- ccgucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacuguccaccucuaaaguagcaguccugguucauuccu  -3'   obs
    ccgucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacuguccaccucuaaaguagcaguccugguucauuccu        exp
    ...((((....))))......(((((((((((.(((((((((((.(((((((((..((.(((...)))))..)))))))))))))))))))))))))))))).....        reads      mm         sample
    ................................cgcuuuaggggucgauaguaua.....................................................        1          0          c04
    ................................uuuaggggucgauaguaua.....................................................        1          0          c04
    ................................Guuaggggucgauaguauaugu...................................................        3          1          c04
    ................................uuuaggggucgauaguauaugu...................................................        5          0          c04
    ................................uuuaggggucgauaguauauguu..................................................        1          0          c04
    ................................uuuaggggucgauaguauauguA..................................................        7          1          c04
    ................................uuuaggggucgauaguauauguAa.................................................        2          1          c04
    ....................................................................cugguacuguccaccucuaaag.....................        5          0          c04
    ....................................................................cugguacuguccaccucuaaagu....................        8          0          c04
    ....................................................................cugCuacuguccaccucuaaagu....................        1          1          c04
    .....................................................................ugguacuguccaccucuG........................        1          1          c04
    .....................................................................ugguacuguccaccucuaaa......................        1          0          c04
    .....................................................................ugguacuguccaccucuaaag.....................        5          0          c04
    .....................................................................ugguacuguccaccucuaaaUu....................        1          1          c04
    .....................................................................ugguacugucAaccucuaaagu....................        1          1          c04
    ....................................................................Ggguacuguccaccucuaaagu....................        5          1          c04
    .....................................................................ugguacuguccaccucuaaagu....................        63         0          c04
    .....................................................................ugguacuguccaccucuaaagua...................        8          0          c04
    .....................................................................ugguacuguccaccucuaaaguaA..................        8          1          c04

    ..........aagaauuucaaaaccggauugucg.....................................................................................        1          0          c16
    ..........aagaauuucaaaaccggauugucgc....................................................................................        2          0          c16
    ..........aagaauuucaaaaccggauugucgcuu..................................................................................        1          0          c16
    ..............auuucaaaaccggauugucgcu...................................................................................        1          0          c16
    ................................uuuaggggucgauaguau.....................................................................        4          0          c16
    ................................Guuaggggucgauaguau.....................................................................        1          1          c16
    ................................uuuaggggucgauaguaua....................................................................        1          0          c16
    ................................uuuaggggucgauaguauau...................................................................        1          0          c16
    ................................uuuaggggucgauaguauaug..................................................................        3          0          c16
    ................................uCuaggggucgauaguauaugu..................................................................        1          1          c16
    ................................Guuaggggucgauaguauaugu..................................................................        9          1          c16
    ................................uuuaggggucgauaguauaugu..................................................................        56         0          c16
    ................................uuuagggCucgauaguauaugu..................................................................        1          1          c16
```

Star Mature

ccgucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacuguccaccucuaaaguagcaguccugguucauuccu

.....uuuaggggucgauaguauauguG.....	1	1	c16
.....uuuaggggucgauaguauauguu.....	5	0	c16
.....uuuaggggucgauaguauauguA.....	8	1	c16
.....uuuaggggucgauaguauauguAa.....	3	1	c16
.....uuuaggggucgauaguauauguua.....	1	0	c16
.....uuaggggucgauaguauauguua.....	2	0	c16
.....uaggggucgauaguauauguua.....	1	0	c16
.....cugguacuguccaccucu.....	1	0	c16
.....cugguacuguccaccucuaa.....	2	0	c16
.....cugguacuguccaccucuaaa.....	5	0	c16
.....cugguacuguccaccucuaaag.....	37	0	c16
.....Augguacuguccaccucuaaag.....	1	1	c16
.....cugguacuguccaGcucuaaag.....	1	1	c16
.....cugguacuguccaccucuaaagu.....	13	0	c16
.....cugguacuguccaccucuaaagua.....	2	0	c16
.....ugguacuguccaccucua.....	4	0	c16
.....Ggguacuguccaccucuaa.....	1	1	c16
.....ugguacuguccacAucuaa.....	1	1	c16
.....ugguacugucAaccucuaa.....	1	1	c16
.....ugguacuguccaccucuaa.....	6	0	c16
.....Ggguacuguccaccucuaaa.....	2	1	c16
.....ugguacuguccaccucuaaa.....	28	0	c16
.....ugguacuguccaccucuaaaA.....	1	1	c16
.....ugguacuguccaccucuaaag.....	78	0	c16
.....Ggguacuguccaccucuaaag.....	6	1	c16
.....ugguacuguccaccucuaaagA.....	1	1	c16
.....ugAuacuguccaccucuaaagu.....	1	1	c16
.....ugguacCguccaccucuaaagu.....	1	1	c16
.....ugguacuguccaccucuaaagG.....	1	1	c16
.....Agguacuguccaccucuaaagu.....	2	1	c16
.....ugguacuguccCccucuaaagu.....	9	1	c16
.....ugguacugucGaccucuaaagu.....	1	1	c16
.....uCguacuguccaccucuaaagu.....	2	1	c16
.....ugguacugucAaccucuaaagu.....	5	1	c16
.....ugguacuguccaccucuaaUgu.....	1	1	c16
.....Ggguacuguccaccucuaaagu.....	43	1	c16
.....ugguacuguccaccCcuaaagu.....	1	1	c16
.....ugguacuguccaccucuaaagu.....	749	0	c16
.....ugguacugucUaccucuaaagu.....	1	1	c16
.....ugguacuguccaUcucuaaagu.....	1	1	c16
.....ugguacuguccaccucuaaagua.....	52	0	c16
.....ugguacuguccCccucuaaagua.....	3	1	c16
.....ugguacuguccaccucuaaaguU.....	7	1	c16
.....Ggguacuguccaccucuaaagua.....	5	1	c16
.....ugguacuguccaccucuaaaguG.....	2	1	c16
.....Ggguacuguccaccucuaaaguag.....	1	1	c16
.....ugguacuguccaccucuaaaguaA.....	21	1	c16
.....uacuguccaccucuaaagu.....	1	0	c16
.....uacuguccaccucuaaaguU.....	1	1	c16

.....uuuaggggucgauaguauaug.....	1	0	c09
.....uuuaggggucgauaguauaugu.....	5	0	c09
.....acugguacuguccaccucuaa.....	1	0	c09
.....Ucugguacuguccaccucuaaagu.....	1	1	c09
.....cugguacuguAcaccucua.....	1	1	c09
.....cugguacuguccaccucua.....	1	0	c09
.....cugguacuguccaccucuaaa.....	4	0	c09
.....cugguacuguccaccucuaaag.....	2	0	c09
.....cugguacuguccaccucuaaagu.....	2	0	c09
.....ugguacuguccaccucua.....	3	0	c09
.....ugguacuguccaccucuaa.....	3	0	c09
.....ugguacuguccaccucuaaa.....	7	0	c09
.....ugguacuguccCccucuaaag.....	1	1	c09
.....Cgguacuguccaccucuaaag.....	1	1	c09
.....ugguacuguccaccucuaaag.....	41	0	c09
.....ugguacuguccacUucuaaag.....	1	1	c09
.....ugCuacuguccaccucuaaag.....	1	1	c09
.....Ggguacuguccaccucuaaag.....	1	1	c09
.....ugguacuguccaccucuaaagu.....	191	0	c09
.....ugguacuguccCccucuaaagu.....	3	1	c09

Star Mature

ccgucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacuguccaccucuaaaguagcaguccugguucauuccu

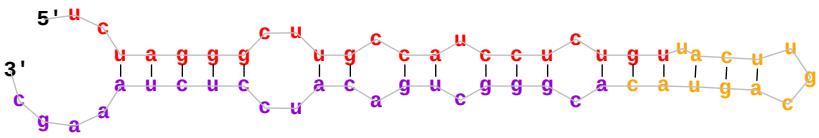
.....Ggguacuguccaccucuaaagu.....	7	1	c09
.....ugUuacuguccaccucuaaagu.....	1	1	c09
.....ugguacuguccaccuGuaaagu.....	1	1	c09
.....ugguacugAccaccucuaaagu.....	1	1	c09
.....ugguacuguccaccucuaaagA.....	1	1	c09
.....ugguacuguccaccGcuaaagu.....	1	1	c09
.....ugguGcuguccaccucuaaagu.....	1	1	c09
.....Cgguacuguccaccucuaaagu.....	1	1	c09
.....ugguacugucAaccucuaaagu.....	1	1	c09
.....ugguacuguccaccucuaaaguU.....	2	1	c09
.....ugguacuguccaccucuaaaguaA.....	1	1	c09
.....uuuaggggucgauaguauau.....	1	0	c02
.....Guuaggggucgauaguauaug.....	1	1	c02
.....uuuaggggucgauaguauaug.....	1	0	c02
.....Guuaggggucgauaguauaugu.....	4	1	c02
.....uuuaggggucgauaguauaugu.....	27	0	c02
.....uuuaggggucgauaguauauguu.....	1	0	c02
.....uuuaggggucgauaguauauguA.....	1	1	c02
.....uuaggggucgauaguauau.....	1	0	c02
.....cugguacuguccaccucu.....	1	0	c02
.....cugguacuguccaccucuaa.....	6	0	c02
.....cugguacuguccaccucuaaa.....	5	0	c02
.....cugguacuguccaccucuaaag.....	13	0	c02
.....cugguacuguccCccucuaaag.....	1	1	c02
.....cugguacuguccaccucuaaagu.....	5	0	c02
.....Ggguacuguccaccucua.....	1	1	c02
.....ugguacuguccaccucua.....	4	0	c02
.....ugguacuguccaccucuaa.....	7	0	c02
.....Ggguacuguccaccucuaaa.....	3	1	c02
.....ugguacuguccaccucuaaa.....	10	0	c02
.....ugguacuAuccaccucuaaag.....	1	1	c02
.....ugguacugucAaccucuaaag.....	1	1	c02
.....ugguacuguccCccucuaaag.....	1	1	c02
.....Ggguacuguccaccucuaaag.....	8	1	c02
.....ugguacuguccaccucuaaag.....	64	0	c02
.....ugguGcuguccaccucuaaag.....	1	1	c02
.....ugguacuguccaccucuaaaA.....	2	1	c02
.....ugguacugucAaccucuaaagu.....	2	1	c02
.....ugAuacuguccaccucuaaagu.....	1	1	c02
.....ugguacuguccacGucuaaagu.....	1	1	c02
.....ugCuacuguccaccucuaaagu.....	1	1	c02
.....ugguacuAuccaccucuaaagu.....	1	1	c02
.....ugguacAguccaccucuaaagu.....	1	1	c02
.....ugguacuguccaccucuaaagu.....	281	0	c02
.....ugguacuguccaccucuaaaUu.....	1	1	c02
.....Agguacuguccaccucuaaagu.....	2	1	c02
.....ugguacugAccaccucuaaagu.....	1	1	c02
.....Ggguacuguccaccucuaaagu.....	22	1	c02
.....ugguacuguccCccucuaaagu.....	3	1	c02
.....ugguacuguccaccucuaaagua.....	3	0	c02
.....ugguacuguccaccucuaaaguU.....	6	1	c02
.....Ggguacuguccaccucuaaagua.....	2	1	c02
.....ugguacuguccaccucuaaaguC.....	1	1	c02
.....ugguacuguccaccucuaaaguaA.....	1	1	c02
.....ugguacuguccaccucuaaaguaU.....	1	1	c02
.....uuuaggggucgauaguauau.....	1	0	c15
.....uuuaggggucgauaguauaug.....	10	0	c15
.....uCuaggggucgauaguauaugu.....	1	1	c15
.....uuuagggAucgauaguauaugu.....	1	1	c15
.....uGuaggggucgauaguauaugu.....	1	1	c15
.....uuuaggggucgauaguauaugu.....	154	0	c15
.....uuuaggggucgUuaguauaugu.....	1	1	c15
.....uuuaggggucgauaguauaugA.....	1	1	c15
.....uuuaggggAcgauaguauaugu.....	1	1	c15
.....uuuaggggucgauagCauaugu.....	1	1	c15
.....uuuaggggucgauaguauauguu.....	5	0	c15
.....uuuaggggucgauaguauauguA.....	4	1	c15
.....uuuaggggucgauaguauauguuU.....	6	1	c15

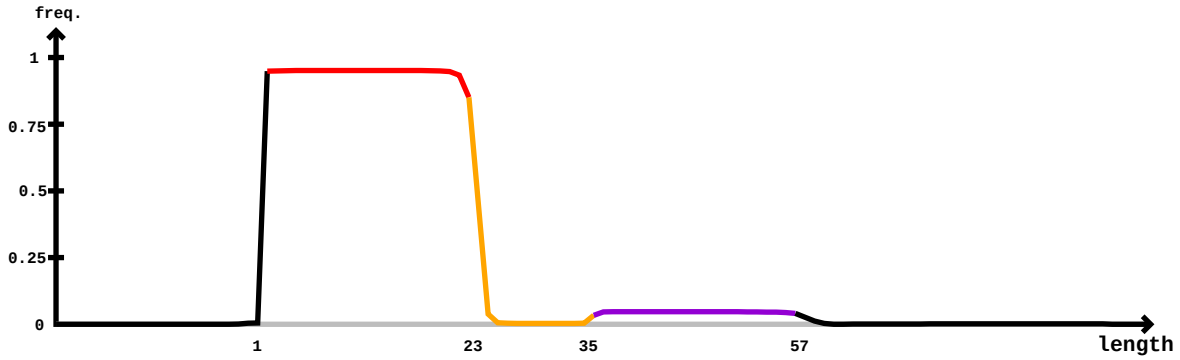
Star Mature

ccgucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacuguccaccucuaaaguagcaguccugguucauuccu

....uuuaggggucgauaguauauguua....	4	0	c15
....uuaggggucgauaguauauguu....	2	0	c15
....uuaggggucgauaguauauguua....	18	0	c15
....uuaggggucgauaguauauguuaU....	1	1	c15
....uaggggucgauaguauauguua....	1	0	c15
....agggucgauaguauaugu....	1	0	c15
....cugguacuguccaccucuaa....	1	0	c15
....cugguacuguccaccucuaaa....	11	0	c15
....cugguacuguccaccuUuaaag....	1	1	c15
....Augguacuguccaccucuaaag....	1	1	c15
....cugguacuguccaccucuaaaC....	1	1	c15
....cugguacuguccaccucuaaag....	55	0	c15
....cugguacuguccaccucuaaagu....	14	0	c15
....cugguacuguccaccucuaaaguU....	1	1	c15
....ugguacuguccaccucua....	1	0	c15
....ugguacuguccaccucuaaa....	1	0	c15
....ugguacuguccaccucuaaag....	66	0	c15
....ugAuacuguccaccucuaaag....	1	1	c15
....ugguacuguccUccucuaaagu....	1	1	c15
....Cgguacuguccaccucuaaagu....	1	1	c15
....ugguaUuguccaccucuaaagu....	1	1	c15
....ugguacuAuccaccucuaaagu....	1	1	c15
....ugguacuguccaGcucuaaagu....	2	1	c15
....ugguaGuguccaccucuaaagu....	1	1	c15
....ugguacuguccaAcucuaaagu....	1	1	c15
....ugAuacuguccaccucuaaagu....	1	1	c15
....ugguacuguccaccucuaaagC....	1	1	c15
....ugguacuguccaccucuaaagu....	1002	0	c15
....uggCacuguccaccucuaaagu....	1	1	c15
....ugguacuguccaccAcuaaagu....	1	1	c15
....ugguacuguccaccucuaaaguU....	20	1	c15
....ugguacuguccaccucuaaagua....	5	0	c15
....ugguacuguccaccucuaaaguaA....	2	1	c15
....gguacuguccaccucuaaag....	1	0	c15
....gguacuguccaccucuaaagu....	1	0	c15
....uacuguccaccucuaaaguagc....	2	0	c15

Provisional ID	:	group19_29767
Score total	:	629.7
Score for star read(s)	:	3.9
Score for read counts	:	628.7
Score for mfe	:	-0.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	1245
Mature read count	:	1188
Loop read count	:	0
Star read count	:	57





Mature **Star**

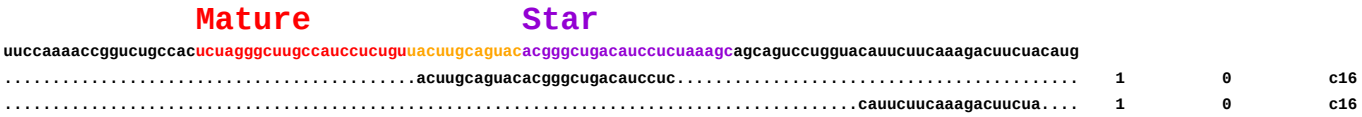
```
5'- uuccaaaaccggucugccacucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug  -3'   obs
    uuccaaaaccggucugccacucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug        exp
    .....(((((.((((..((.(((((..((.((.(((.(((.(((...)))))).))).))..))))))..))))).))).)))..................................  reads    mm    sample
    ...................ucuagggcuugccauccucugu.....................................................................  21       0     c02
    ...................Gcuagggcuugccauccucugu.....................................................................  2        1     c02

    .................cacucuagggcuugccauccucu.....................................................................  1        0     c15
    ...................ucuagggcuugccauccuc.......................................................................  1        0     c15
    ...................ucuagggcuugccauccucu......................................................................  1        0     c15
    ...................ucuagggcuugccauccucug.....................................................................  5        0     c15
    ...................ucuagggcuuAccauccucugu....................................................................  1        1     c15
    ...................ucuagggcuugccauccucugC....................................................................  4        1     c15
    ...................ucuagggcuugUcauccucugu....................................................................  2        1     c15
    ...................ucuagggcuugccauccucugu....................................................................  285      0     c15
    ...................Acuagggcuugccauccucugu....................................................................  1        1     c15
    ...................ucuagggcuugccauccucuguu...................................................................  24       0     c15
    ...................ucuagggcuugccauccucuguC...................................................................  1        1     c15
    ...................ucuagggcuugccauccucuguA...................................................................  3        1     c15
    ...................ucuagggcuugccauccucuguuU..................................................................  10       1     c15
    ...................ucuagggcuugccauccucuguuaA.................................................................  1        1     c15
    ...................ucuagggcuugccauccucuguuacu................................................................  1        0     c15
    .....................cuagggcuugccauccucuguAa..................................................................  1        1     c15
    ......................uagggcuugccauccucuguu....................................................................  1        0     c15
    ........................................uuacuugcaguacacgggcugacauccucuU.....................................  1        1     c15
    ..................................................cacgggcugacauccucuaaagcagc.................................  1        0     c15
    ....................................................acgggcugacauccucuaaa.....................................  2        0     c15
    ....................................................acgggcugacauccucuaaaA....................................  2        1     c15
    ....................................................acgggcugacauccucuaaag....................................  2        0     c15
    ....................................................acgggcugacauccucuaaagc...................................  29       0     c15
    ....................................................acgggcugacauccucuaaagca..................................  2        0     c15
    ....................................................acgggcugacauccucuaaagcU..................................  1        1     c15
    .....................................................cgggcugacauccucuaaagc...................................  1        0     c15
    .....................................................cgggcugacauccucuaaagca..................................  3        0     c15
    .....................................................cgggcugacauccucuaaagcag.................................  9        0     c15
    .....................................................cgggcugacauccucuaaagcagc................................  3        0     c15
    ......................................................gggcugacauccucuaaagcag.................................  1        0     c15
```

Mature Star

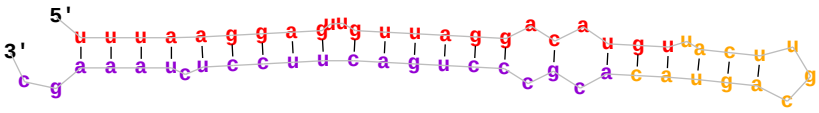
uuccaaaaccggucugccacucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug

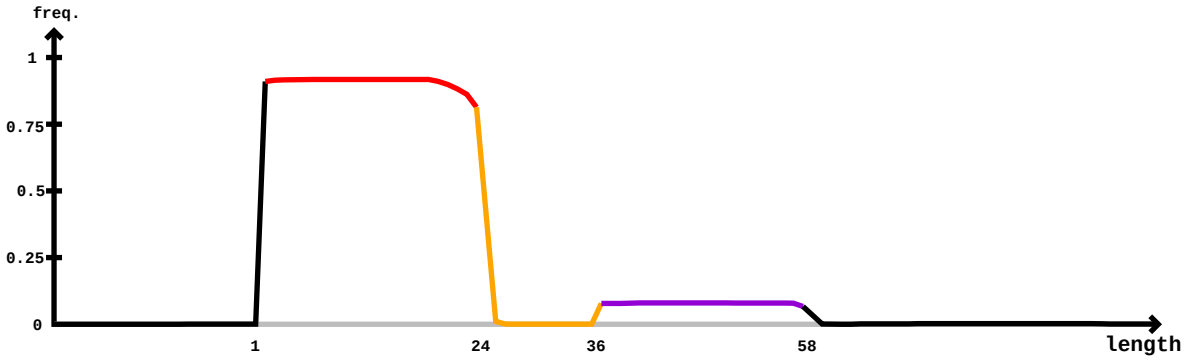
.....ucuagggcuugccauccucu.....	1	0	c09
.....ucuagggcuugccauccucug.....	11	0	c09
.....Gcuagggcuugccauccucug.....	1	1	c09
.....ucuaggCcuugccauccucugu.....	1	1	c09
.....ucuagggcuugccauccucugu.....	30	0	c09
.....Gcuagggcuugccauccucugu.....	4	1	c09
.....ucuaUggcuugccauccucugu.....	1	1	c09
.....ucuagggcuugccauccucuguG.....	1	1	c09
.....ucuagggcuugccauccucuguA.....	2	1	c09
.....ucuagggcuugccauccucuguAa.....	1	1	c09
.....cgggcugacauccucuaaagcag.....	1	0	c09
.....aUucuagggcuugccauccucugu.....	1	1	c04
.....ucuagggcuugccauccucu.....	2	0	c04
.....ucuagggcuugccauccucug.....	5	0	c04
.....Gcuagggcuugccauccucug.....	1	1	c04
.....ucuagggcuugccaucUucug.....	2	1	c04
.....Gcuagggcuugccauccucugu.....	1	1	c04
.....ucuagggcuugccauccucugu.....	42	0	c04
.....ucuagggcuugccauccucuUu.....	1	1	c04
.....ucuaggCcuugccauccucugu.....	1	1	c04
.....ucuagUgcuugccauccucugu.....	1	1	c04
.....ucuagggcuugccauccucuguA.....	5	1	c04
.....ucuagggcuugccauccucuguu.....	1	0	c04
.....ucuagggcuugccauccucuguC.....	1	1	c04
.....ucuagggcuugccauccucuguAa.....	11	1	c04
.....ucuagggcuugccauccucuguuU.....	1	1	c04
.....uccugguacauucuucaaagacuucua....	1	0	c04
.....acucuagggcuugccaucc.....	1	0	c16
.....acucuagggcuugccauccucu.....	1	0	c16
.....acucuagggcuugccauccucug.....	1	0	c16
.....cucuagggcuugccauccucuguAa.....	1	1	c16
.....ucuagggcuugccauccu.....	1	0	c16
.....ucuagggcuugccauccuc.....	2	0	c16
.....ucuagggcuugccauccucu.....	8	0	c16
.....Gcuagggcuugccauccucu.....	3	1	c16
.....ucuaggAcuugccauccucug.....	1	1	c16
.....ucuagggcuugccauccucug.....	72	0	c16
.....Gcuagggcuugccauccucug.....	6	1	c16
.....ucuagggcuugccauccCcugu.....	1	1	c16
.....ucuagggcuugccauccucugu.....	467	0	c16
.....ucuagggcuugccaCccucugu.....	1	1	c16
.....ucuaAggcuugccauccucugu.....	1	1	c16
.....ucuagggcuugccaucUucugu.....	1	1	c16
.....ucuagggcuugAcauccucugu.....	1	1	c16
.....Gcuagggcuugccauccucugu.....	57	1	c16
.....ucuagggcuugcAauccucugu.....	1	1	c16
.....ucuagggcuugccauccucCgu.....	2	1	c16
.....ucuagggcuugccauccucugG.....	1	1	c16
.....Ccuagggcuugccauccucugu.....	1	1	c16
.....ucuaggCcuugccauccucugu.....	1	1	c16
.....ucuagCgcuugccauccucugu.....	2	1	c16
.....ucuagAgcuugccauccucugu.....	1	1	c16
.....ucuagggcuugccauAcucugu.....	3	1	c16
.....ucuagggcuugccauccucugA.....	1	1	c16
.....Acuagggcuugccauccucugu.....	2	1	c16
.....ucuagggcuAgccauccucugu.....	1	1	c16
.....ucuagggcuuCccauccucugu.....	2	1	c16
.....ucuagggcuugccauccucuguA.....	25	1	c16
.....ucuagggcuugccauccucuguG.....	2	1	c16
.....ucuagggcuugccauccucuguu.....	5	0	c16
.....ucuagggcuugccauccucuguuU.....	1	1	c16
.....ucuagggcuugccauccucuguua.....	3	0	c16
.....ucuagggcuugccauccucuguAa.....	12	1	c16
.....ucuagggcuugccauccucuguuaU.....	1	1	c16
.....ucuagggcuugccauccucuguuacuugcaguac.....	1	0	c16
.....ucuagggcuugccauccucuguuacuugcaguaca.....	1	0	c16
.....agggcuugccauccucugu.....	1	0	c16


Mature
Star
uuccaaaaccggucugccacucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaaagcagcaguccugguacauucuucaaagacuucuacaug
.....acuugcaguacacgggcugacauccuc.....
.....cauucuucaaagacuucua....

1	0	c16
1	0	c16

Provisional ID	:	group19_29769
Score total	:	1084.1
Score for star read(s)	:	3.9
Score for read counts	:	1074.3
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2119
Mature read count	:	1950
Loop read count	:	0
Star read count	:	169





Mature **Star**

```
5'- uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacaauucuucgagagcuucuacggu -3'   obs
    uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacaauucuucgagagcuucuacggu      exp
    .....(((((.((((.((((((((((((..((((((.(.(((.(((...)))))).).)))))))))))).))))))).))))..))).)))).....((((((...))).))).
```

	reads	mm	sample
.....Guuaaggaguuguuagga.....	1	1	c02
.....uuuaaggaguuguuagga.....	3	0	c02
.....uuuaaggaguuguuaggac.....	1	0	c02
.....uuuaaggaguuguuaggaca.....	6	0	c02
.....uuuaaggaguuguuaggacau.....	6	0	c02
.....Guuaaggaguuguuaggacau.....	1	1	c02
.....Guuaaggaguuguuaggacaug.....	2	1	c02
.....uuuaaggaguuguuaggaUaug.....	1	1	c02
.....uuuaaggaguuguuaggacaug.....	9	0	c02
.....uuuaaggaguuguuaggCcaug.....	1	1	c02
.....uuuaaggaguuguuaggCcaugu.....	1	1	c02
.....uuuaaggGguuguuaggacaugu.....	1	1	c02
.....Auuaaggaguuguuaggacaugu.....	1	1	c02
.....uuuaaggaguuguuaggacaugu.....	302	0	c02
.....Guuaaggaguuguuaggacaugu.....	37	1	c02
.....uuuaaUgaguuguuaggacaugu.....	1	1	c02
.....uuuaCggaguuguuaggacaugu.....	1	1	c02
.....uuuaaggaguuguuagCacaugu.....	1	1	c02
.....uuuaaggagAuguuaggacaugu.....	1	1	c02
.....uuuaaggaguuguuaggacauguu.....	3	0	c02
.....uuuaaggaguuguuaggacauguG.....	2	1	c02
.....uuuaaggaguuguuaggacauguA.....	2	1	c02
.....uuuaaggaguuguuaggacauguAa.....	1	1	c02
.....uuuaaggaguuguuaggacauguuU.....	1	1	c02
.....uuaaggaguuguuaggacaugu.....	2	0	c02
.....uuaaCgaguuguuaggacaugu.....	1	1	c02
.....Caaggaguuguuaggacaugu.....	2	1	c02
.....aaggaguuguuaggacaugu.....	1	0	c02
.....acgcccugacuuccucuaaa.....	1	0	c02
.....acgcccugacuuccucuaaagc.....	1	0	c02
.....acgcccugGcuuccucuaaagc.....	1	1	c02
.....Ccgcccugacuuccucuaaagc.....	1	1	c02
.....uuuaaggaguuguuaggaca.....	1	0	c15

Mature Star

uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacggu

.....uuuaaggaguuguuaggacau.....	2	0	c15
.....uuuaaggaguuguuaggacauA.....	1	1	c15
.....uuuaaggaguuguuaggacaug.....	5	0	c15
.....uuuaaggaguuguuaggacaugu.....	249	0	c15
.....uuuaaggaguuguuaggacaugC.....	1	1	c15
.....uuuaaggaguuguuaggacUugu.....	1	1	c15
.....uuuaaggaguuguuaggacGugu.....	1	1	c15
.....uuuaaggaguuguuaggacauguu.....	12	0	c15
.....uuuaaggaguuguuaggacauguA.....	1	1	c15
.....uuuaaggaguuguuaggacauguuU.....	4	1	c15
.....uuaaggaguuguuaggacaugu.....	3	0	c15
.....acgcccugGcuuccucuaaag.....	12	1	c15
.....acgcccugacAuccucuaaag.....	1	1	c15
.....acgcccugacuuccucuaaag.....	8	0	c15
.....acgcccugGcuuccucuaaagc.....	24	1	c15
.....acgcccuAacuuccucuaaagc.....	1	1	c15
.....acgAccugacuuccucuaaagc.....	1	1	c15
.....acgcccugacuuccucuaaagc.....	75	0	c15
.....acgcccugacuuccucuaaagca.....	2	0	c15
.....cccugacuuccucuaaagc.....	2	0	c15
.....ccuAacuuccucuaaagc.....	1	1	c15

.....uuuaaggaguuguuagga.....	1	0	c09
.....uuuaaggaguuguuaggac.....	6	0	c09
.....uuuaaggaguuguAaggac.....	1	1	c09
.....uuuaaggaguuguuaggaca.....	3	0	c09
.....Guuaaggaguuguuaggaca.....	1	1	c09
.....uuuaaggaguuguuaggacaC.....	1	1	c09
.....Guuaaggaguuguuaggacau.....	1	1	c09
.....uuuaaggaguuguuaggacau.....	6	0	c09
.....uuuaaggaguuguuaggacaug.....	11	0	c09
.....uuuaaggaguAguuaggacaug.....	1	1	c09
.....uuuaaCgaguuguuaggacaug.....	1	1	c09
.....uuuaaggaguuguuaggacaugu.....	126	0	c09
.....Guuaaggaguuguuaggacaugu.....	14	1	c09
.....Auuaaggaguuguuaggacaugu.....	2	1	c09
.....uuuaaggaguuguuaggacauguA.....	1	1	c09
.....uuuaaggaguuguuaggacauguu.....	1	0	c09
.....uuuaaggaguuguuaggacauguua.....	1	0	c09
.....uuaaggaguuguuaggacaug.....	1	0	c09
.....uaaggaguuguuaggacaugu.....	1	0	c09
.....acgcccugGcuuccucuaaag.....	1	1	c09
.....acgcccugacuuccucuaaag.....	1	0	c09
.....acgcccugGcuuccucuaaagc.....	2	1	c09
.....acgcccugacuuccucuaaagc.....	4	0	c09
.....ccugacuuccucuaaagcagc.....	1	0	c09

.....uuuaaggaguuguuagga.....	2	0	c04
.....uuuaaggaguuguuaggac.....	3	0	c04
.....uuuaaggaguuguuaggaA.....	1	1	c04
.....uuuaaggaguuguuaggaca.....	1	0	c04
.....uuuaaggaguuguuaggacau.....	1	0	c04
.....uuuaaggaguuguuaggacaug.....	4	0	c04
.....Guuaaggaguuguuaggacaugu.....	4	1	c04
.....uuuaaggaguuguuaggacaugu.....	38	0	c04
.....uuuaaggaguuguuagCacaugu.....	1	1	c04
.....uuuaaggaguuguuaggacauguA.....	2	1	c04
.....uuuaaggaguuguuaggacauguuU.....	1	1	c04
.....uuuaaggaguuguuaggacauguAa.....	2	1	c04
.....uugcaguacacgcccugacuucc.....	1	0	c04
.....acgcccugacuuccucuaaagcaA.....	1	1	c04
.....uccugguacauucuucgagaUcuuc.....	1	1	c04
.....uacauucuucgagagcuucuacggu	1	0	c04
.....uacauucuucgGgagcuucuacggu	1	1	c04

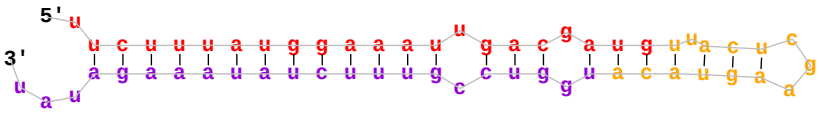
..........ucugucgcuuuaaggaguuguuagga.....	1	0	c16
.....Guuaaggaguuguuagga.....	1	1	c16
.....uuuaaUgaguuguuagga.....	1	1	c16
.....uuuaaggaguuguuagga.....	5	0	c16
.....uuuaaggaguuguuaggac.....	12	0	c16

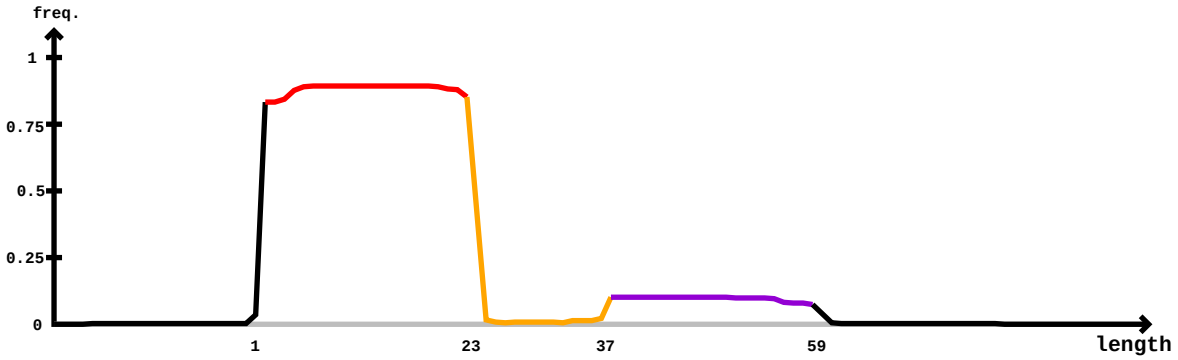
Mature Star

uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacggu

.....Guuaaggaguuguuaggac.....	1	1	c16
.....Guuaaggaguuguuaggaca.....	4	1	c16
.....uuuaaggaguuguuaggaca.....	19	0	c16
.....Guuaaggaguuguuaggacau.....	3	1	c16
.....uuuaaggaguuguuaggacaC.....	1	1	c16
.....uuuaaggaguuguuaggacau.....	22	0	c16
.....Guuaaggaguuguuaggacaug.....	6	1	c16
.....uuuaaggaguuguuaggaAaug.....	1	1	c16
.....uuuaaggaguuCuuaggacaug.....	1	1	c16
.....uuuaaggaguuguuaggacaug.....	57	0	c16
.....uuuaaggaguuguuaggacaugA.....	1	1	c16
.....uuuaaggaguuguuaggacaAgu.....	1	1	c16
.....Cuuaaggaguuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacaCgu.....	1	1	c16
.....uuuaaggaguugAuaggacaugu.....	1	1	c16
.....uuuUaggaguuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacauCu.....	1	1	c16
.....uuuaaggaguuguuaggacCugu.....	1	1	c16
.....uuuaagUaguuguuaggacaugu.....	2	1	c16
.....uuuaaggaguuguuaggacaugu.....	750	0	c16
.....uuuaaggaguuguuaUgacaugu.....	2	1	c16
.....uuuaaggagGuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuguGaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaCgacaugu.....	2	1	c16
.....uuuaaggaguuguuaggCcaugu.....	1	1	c16
.....Guuaaggaguuguuaggacaugu.....	92	1	c16
.....Auuaaggaguuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuCuuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacauguu.....	7	0	c16
.....uuuaaggaguuguuaggacauguA.....	15	1	c16
.....uuuaaggaguuguuaggacauguG.....	1	1	c16
.....uuuaaggaguuguuaggacaAguu.....	1	1	c16
.....uuuaaggaguuguuaggacauguAa.....	8	1	c16
.....uuuaaggaguuguuaggacauguuU.....	1	1	c16
.....uuuaaggaguuguuaggacauguua.....	2	0	c16
.....uuuaaggaguuguuaggacauguuaA.....	1	1	c16
.....uuuaaggaguuguuaggacauguuac.....	1	0	c16
.....uuaaggaguuguuaggacaugu.....	3	0	c16
.....aggaguuguuaggacauguA.....	1	1	c16
.....ggaguuguuaggacaugu.....	1	0	c16
.....acgcccugGcuuccucuaaag.....	2	1	c16
.....acgcccugacuuccucuaaag.....	1	0	c16
.....Ccgcccugacuuccucuaaagc.....	6	1	c16
.....acgcccugGcuuccucuaaagc.....	4	1	c16
.....acgcccugacuuccucuaaagc.....	12	0	c16
.....acgcccugacuuccucuaaCgc.....	1	1	c16
.....Ccgcccugacuuccucuaaagca.....	1	1	c16
.....acgcccugacuuccucuaaagca.....	1	0	c16
.....uccugguacauucuucgagaUcuucu.....	2	1	c16

Provisional ID	:	group19_29771
Score total	:	182.9
Score for star read(s)	:	3.9
Score for read counts	:	176
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	357
Mature read count	:	325
Loop read count	:	0
Star read count	:	32





Mature **Star**

```
5'- auguuuaaaccggacuguaauucuuuauggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac  -3'   obs
    auguuuaaaccggacuguaauucuuuauggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac        exp
    ((((((...(((((((....(((((((((((((.(((.((((.(((...))))))).))).)))))))))))...)))))))))))))))(((((.((....)).)))))..  reads     mm      sample
    ..................aGucuuuauggaaauugacgaug.....................................................................  1         1       c09
    ..................auucuuuauggaaauugacgaug.....................................................................  1         0       c09
    ..................uucuuuauggaaauugacgaug.....................................................................  1         0       c09
    ..................uucuuuauggaaauugacgaugu....................................................................  1         0       c09
    ....................cuuuauggaaauugacgau.......................................................................  1         0       c09
    ......................uuauggaaauugacgaug.......................................................................  1         0       c09
    ..........................................................augAuccguuucuauaaagauau.............................  2         1       c09
    ..........................................................ugguccguuucuauaaag..................................  2         0       c09
    ..........................................................ugAuccguuucuauaaagauau..............................  1         1       c09
    ..........................................................Ggguccguuucuauaaagauau..............................  1         1       c09

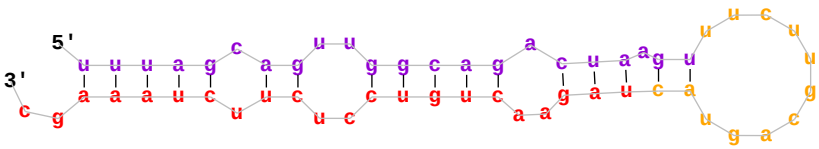
    ..guuuaaaccggacuguaauuc.....................................................................................  1         0       c16
    ..................aGucuuuauggaaauugacgaug.....................................................................  1         1       c16
    ..................auucuuuauggaaauugacgaug.....................................................................  4         0       c16
    ..................uucuuuauggaaauugacg.........................................................................  2         0       c16
    ..................Aucuuuauggaaauugacg.........................................................................  1         1       c16
    ..................uucuuuauggaaauugacgau.......................................................................  3         0       c16
    ..................uucuuuauggaaauugCcgaug......................................................................  1         1       c16
    ..................uucuuuauggaaauugAgaug.......................................................................  1         1       c16
    ..................Aucuuuauggaaauugacgaug......................................................................  1         1       c16
    ..................uucuuuauggaUauugacgaug......................................................................  1         1       c16
    ..................Gucuuuauggaaauugacgaug......................................................................  14        1       c16
    ..................uucuuuauggaaauugacgaug......................................................................  95        0       c16
    ..................uucuuuauAgaaauugacgaug......................................................................  1         1       c16
    ..................uucuuuauggaaauugacgaugG.....................................................................  1         1       c16
    ..................uucuAuauggaaauugacgaugu.....................................................................  1         1       c16
    ..................uucuuuauggaaauugacgaugu.....................................................................  8         0       c16
    ..................Gucuuuauggaaauugacgaugu.....................................................................  3         1       c16
    ....................cuuuauggaaauugacgaug.......................................................................  3         0       c16
    ......................uuuauggaaauugacgau.......................................................................  1         0       c16
    ....................Guuauggaaauugacgaug.......................................................................  2         1       c16
    ......................uuuauggaaauugacgaug.....................................................................  7         0       c16
    ......................uuuGuggaaauugacgaug.....................................................................  1         1       c16
```

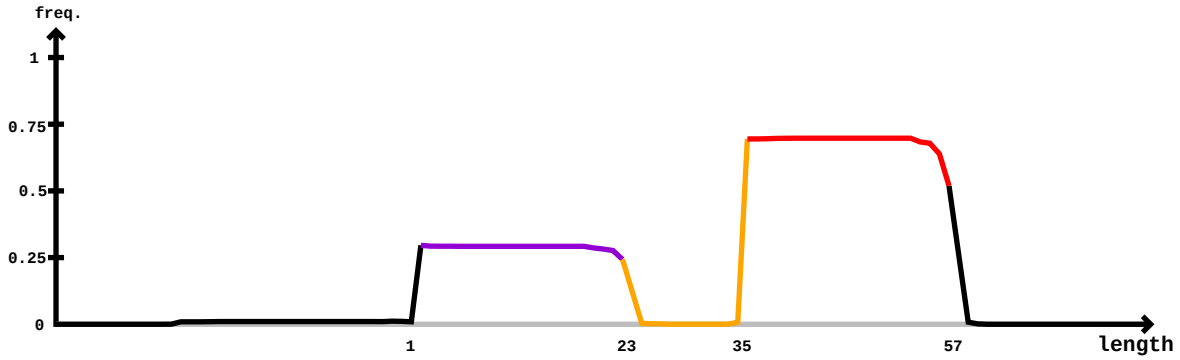
Mature Star

auguuuaaaccggacuguaauucuuuauggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac

.....uuuauggaaauugacgaugu.....	2	0	c16
.....uuauggaaauugacgaug.....	4	0	c16
.....acucgaaguacaugAuccguuucua.....	1	1	c16
.....uacaugguccguuucuauaaag.....	1	0	c16
.....ugAuccguuucuauaaag.....	1	1	c16
.....ugguccguuucuauaaaga.....	1	0	c16
.....ugAuccguuucuauaaagauau.....	1	1	c16
.....ugguccguuucuauaaagauau.....	4	0	c16
.....ugguccguuucuauaaagauaucU.....	1	1	c16
.....aaagauaucaguccggggacauucuuc.....	1	0	c16
.....Gucuuuauggaaauugacgau.....	1	1	c04
.....uucuuuauggaaauugacgau.....	2	0	c04
.....Gucuuuauggaaauugacgaug.....	2	1	c04
.....uucuuuauggaaauugacgaug.....	13	0	c04
.....uucuuuauggaaauugacgauA.....	2	1	c04
.....ucgaaguacaugguccguuucuau.....	1	0	c04
.....ugguccguuucuauaaagaua.....	1	0	c04
.....auucuuuauggaaauugacgaug.....	1	0	c02
.....uucuuuauggaaauugacga.....	1	0	c02
.....Gucuuuauggaaauugacgaug.....	2	1	c02
.....uucuuuauggaaauugacgaug.....	5	0	c02
.....ugAuccguuucuauaaagauau.....	1	1	c02
.....aGucuuuauggaaauugacgaug.....	3	1	c15
.....auucuuuauggaaauugacgaug.....	1	0	c15
.....uucuuuauggaaauugac.....	1	0	c15
.....uucuuuauggaaauugacgau.....	2	0	c15
.....Gucuuuauggaaauugacgaug.....	4	1	c15
.....uucuuuauggaaauugacgauA.....	3	1	c15
.....uucuuuauggaaauugacgaug.....	99	0	c15
.....uucuuuUuggaaauugacgaug.....	3	1	c15
.....uucuuuauggaaauugacAaug.....	1	1	c15
.....uucuuuauggaaauugacgaugu.....	9	0	c15
.....uucuuuauggaaauugacgaugA.....	1	1	c15
.....uucuuuauggaaauugacgauguG.....	1	1	c15
.....uucuuuauggaaauugacgauguu.....	3	0	c15
.....uucuuuauggaaauugacgauguuU.....	1	1	c15
.....uauggaaauugacgauguuacucgaa.....	1	0	c15
.....uacaugguccguuucuauaaa.....	1	0	c15
.....uacaugguccguuucuauaaag.....	1	0	c15
.....augguccguuucuauaaagauau.....	1	0	c15
.....ugguccguuucuauaaagaua.....	1	0	c15
.....ugguccguuucuauaaagauau.....	9	0	c15
.....ugAuccguuucuauaaagauau.....	4	1	c15
.....ugguccguuucuauaaagauauU.....	1	1	c15

Provisional ID	:	group19_29774
Score total	:	1477.1
Score for star read(s)	:	3.9
Score for read counts	:	1467.9
Score for mfe	:	0.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2891
Mature read count	:	2043
Loop read count	:	0
Star read count	:	848





Star **Mature**

```
5'- cugucuuacaaaaggauuucaaaaccggucugucgcuuuagcaguuggcagacuaaguuucuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu  -3'   obs
    cugucuuacaaaaggauuucaaaaccggucugucgcuuuagcaguuggcagacuaaguuucuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu        exp
    ..(((((.....)))))......(((((.((((.(((((((.((..(((((.(((.((..........)))))..)))))..)).)))))))).))))..))).)).....   reads    mm    sample
    ..................................uuuagcaguuggcagacu.....................................................................   1        0     c02
    ..................................uuuagcaguuggcagacua.....................................................................   1        0     c02
    ..................................uuuagcaguuggcagacuaa....................................................................   3        0     c02
    ..................................uuuagcaguuggcagacuaaU...................................................................   1        1     c02
    ..................................Guuagcaguuggcagacuaag...................................................................   5        1     c02
    ..................................uuuagcaguuggcagacuaag...................................................................   19       0     c02
    ..................................uuuagUaguuggcagacuaagu..................................................................   1        1     c02
    ..................................uuuagcaguuggcagacuaaCu..................................................................   1        1     c02
    ..................................uuuagAaguuggcagacuaagu..................................................................   1        1     c02
    ..................................uuuagcaguuggcagacuaagu..................................................................   71       0     c02
    ..................................uuuagcaguuggcagacuaaUu..................................................................   2        1     c02
    ..................................Guuagcaguuggcagacuaagu..................................................................   5        1     c02
    ..................................uuuagcaguuggcagacuaaguA.................................................................   2        1     c02
    ..................................uuuagcaguuggcagacuaaguu.................................................................   1        0     c02
    ..................................uuuagcaguuggcagacuaaUuu.................................................................   1        1     c02
    ..............................................................cuagaacuguccucuucuaaa.....................................   2        0     c02
    ..................................................................uagaacuguccucuucua.....................................   6        0     c02
    ..................................................................Gagaacuguccucuucua.....................................   1        1     c02
    ..................................................................uagaacuguccucuucuaa....................................   1        0     c02
    ..................................................................Gagaacuguccucuucuaaa...................................   1        1     c02
    ..................................................................uagaacuguccucuucuaaa...................................   21       0     c02
    ..................................................................Gagaacuguccucuucuaaag..................................   6        1     c02
    ..................................................................uagaacuguccucuucuaaag..................................   42       0     c02
    ..................................................................uagaacugucAucuucuaaag..................................   1        1     c02
    ..................................................................uagCacuguccucuucuaaagc.................................   1        1     c02
    ..................................................................uagaacuguccucuucuaaagA.................................   4        1     c02
    ..................................................................uagaacuguccucuucuaaaCc.................................   1        1     c02
    ..................................................................uagaacuguccucAucuaaagc.................................   1        1     c02
    ..................................................................Gagaacuguccucuucuaaagc.................................   5        1     c02
    ..................................................................uagaacuguccucuucuGaagc.................................   1        1     c02
    ..................................................................uagaacuguccucuuAuaaagc.................................   1        1     c02
    ..................................................................uagaacugucGucuucuaaagc.................................   1        1     c02
    ..................................................................uagaacuguccucuucuaaCgc.................................   1        1     c02
```

Star Mature

cugucuuacaaaaggauuucaaaaccggucugucgcuuuagcaguuggcagacuaaguuucuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu

.....Aagaacuguccucuucuaaagc.....	2	1	c02
.....uagaacuguccucuucuaaagc.....	79	0	c02
.....uagaacuguccucuucuaaagca.....	6	0	c02
.....uagaacuguccucuucuaaagcU.....	2	1	c02
.....Cacuguccucuucuaaagcagc.....	1	1	c02
.....cgcuuuagcaguuggcagacua.....	1	0	c15
.....cgcuuuagcaguuggcagacuaag.....	1	0	c15
.....cgcuuuagcaguuggcagacuaaguuucu.....	1	0	c15
.....uuuagcaguuggcagacuaa.....	2	0	c15
.....uuuagcaguuggcagacuaag.....	19	0	c15
.....uuuagcaguuggcagacuaGg.....	1	1	c15
.....uuuagcaguuggcagacuaaU.....	1	1	c15
.....uuuagcaguuggcagacuaaA.....	1	1	c15
.....uuuagcaguuggcagacuaagu.....	317	0	c15
.....uuuGgcaguuggcagacuaagu.....	1	1	c15
.....uuuagUaguuggcagacuaagu.....	1	1	c15
.....uuuagcaguuggcagacuaaUu.....	10	1	c15
.....uuuagcaguuggcGgacuaagu.....	1	1	c15
.....uuuagAaguuggcagacuaagu.....	1	1	c15
.....uuuagcaguuggcagacuaaUuu.....	1	1	c15
.....uuuagcaguuggcagacuaaguA.....	3	1	c15
.....uuuagcaguuggcagacuaaguu.....	13	0	c15
.....uuuagcaguuggcagacuaaguuu.....	5	0	c15
.....uuuagcaguuggcagacuaaguuuU.....	1	1	c15
.....uuuagcaguuggcagacuaaguuucuugcagua.....	1	0	c15
.....uagcaguuggcagacuaagu.....	1	0	c15
.....cuagaacuguccucuucuaa.....	2	0	c15
.....cuagaacuguccucuucuaaa.....	1	0	c15
.....cuagaacuguccucuucuaaag.....	1	0	c15
.....cuagaacuguccucuucuaaaA.....	1	1	c15
.....cuagaacuguccucuucuaaagc.....	4	0	c15
.....cuagaacuguccucuucuaaagca.....	1	0	c15
.....uagaacuguccucuucuGaa.....	1	1	c15
.....uagaacuguccucuucuaaa.....	7	0	c15
.....uagaacuguccucuucuaaaC.....	1	1	c15
.....uagaacuguccucuucuaaaA.....	4	1	c15
.....uagaacuguccucuucuaaag.....	153	0	c15
.....uagaacuguccucuucuaaCg.....	1	1	c15
.....uagaacuguccucuucuaaUg.....	1	1	c15
.....uagaacuguccucuuUuaaag.....	1	1	c15
.....uagaacugCccucuucuaaag.....	1	1	c15
.....uagaaAuguccucuucuaaagc.....	1	1	c15
.....uagaacuguccucuucuaaagc.....	865	0	c15
.....uagaaGuguccucuucuaaagc.....	1	1	c15
.....Gagaacuguccucuucuaaagc.....	1	1	c15
.....uagaacCguccucuucuaaagc.....	1	1	c15
.....uagaacugAccucuucuaaagc.....	1	1	c15
.....uaUaacuguccucuucuaaagc.....	1	1	c15
.....uagaacugucUucuucuaaagc.....	1	1	c15
.....uagaacuguccucuAcuaaagc.....	1	1	c15
.....uGgaacuguccucuucuaaagc.....	2	1	c15
.....uagaacuguccucuucuaaaAc.....	2	1	c15
.....uagaacuguccucuucuaaGgc.....	2	1	c15
.....uagaacuguccucuucuaaagU.....	2	1	c15
.....uagaacuguccucuuAuaaagc.....	1	1	c15
.....uagaacuguccucuucuaaagA.....	4	1	c15
.....uagaacuguccucAucuaaagc.....	1	1	c15
.....uagaacuguccucuucuaaagcC.....	2	1	c15
.....uagaacuguccucuucuaaagcU.....	18	1	c15
.....uagaacuguccucuucuaaagcG.....	1	1	c15
.....uagaacuguccucuucuaaagca.....	13	0	c15
.....cgcuuuagcaguuggcagacu.....	2	0	c09
.....uuuagcaguuggcagacu.....	6	0	c09
.....uuuagcaguuggcagacua.....	4	0	c09
.....uuuagcaguuggcagacuaa.....	2	0	c09
.....uuuagcaguuggcagacuaaA.....	1	1	c09
.....uuuagcaguuggcagacuaag.....	11	0	c09
.....uuuagcaguuggcagacuaaUu.....	2	1	c09

Star Mature

cugucuuacaaaaggauuucaaaaccggucugucgcuuuagcaguuggcagacuaaguuucuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu

.....Guuagcaguuggcagacuaagu.....	7	1	c09
.....uuuagcaguuggcagacuaagu.....	56	0	c09
.....uuuagcaguuggcagCcuaagu.....	1	1	c09
.....Auuagcaguuggcagacuaagu.....	1	1	c09
.....uuuagcaguAggcagacuaagu.....	1	1	c09
.....uuuagcaguuggcagacuaaguA.....	2	1	c09
.....uuuagcaguuggcagacuaaguu.....	1	0	c09
.....uuagcaguuggcagacuaagu.....	1	0	c09
.....uagaacuguccucuucua.....	19	0	c09
.....Gagaacuguccucuucua.....	1	1	c09
.....uagaacuguAcucuucua.....	1	1	c09
.....uagaacuguccucuucuaa.....	2	0	c09
.....Gagaacuguccucuucuaaa.....	2	1	c09
.....uagaacuguccucuucuaaa.....	21	0	c09
.....Gagaacuguccucuucuaaag.....	1	1	c09
.....uagaacuguccucuucuaaag.....	53	0	c09
.....uagaacugGccucuucuaaag.....	1	1	c09
.....uagaacuguccucuucuaaaC.....	1	1	c09
.....uagaacuguccucuucuaaagU.....	1	1	c09
.....uagaacuguccucuucuaaagc.....	63	0	c09
.....Gagaacuguccucuucuaaagc.....	4	1	c09
.....uagaacugucAucuucuaaagca.....	1	1	c09
.....uagaacuguccucuucuaaagca.....	10	0	c09
.....gaacuguccucuucuaaagc.....	1	0	c09

..........aaggauuucaaaaccggucugucgcu.....	2	0	c04
..........aaggauuucaaaaccggucugucgcA.....	1	1	c04
..........aaggauuucaaaaccggucugucgcuC.....	1	1	c04
..........gauuucaaaaccggucugucgcuAua.....	1	1	c04
.....uuuagcaguuggcagacu.....	1	0	c04
.....Guuagcaguuggcagacua.....	1	1	c04
.....Guuagcaguuggcagacuaa.....	1	1	c04
.....uuuagcaguuggcagacuaag.....	5	0	c04
.....uuuagcaguuggcagacuaaA.....	1	1	c04
.....Guuagcaguuggcagacuaagu.....	1	1	c04
.....uuuagcaguuggcaUacuaagu.....	1	1	c04
.....uuuagcaguuggcagacuaagu.....	7	0	c04
.....uuuagcaguuggcagacuaaguu.....	1	0	c04
.....uagaacuguccucuucua.....	3	0	c04
.....Gagaacuguccucuucuaaa.....	1	1	c04
.....uagaacuguccucuucuaaa.....	5	0	c04
.....uagaacuguccucuucuaaag.....	3	0	c04
.....uagaacuguccucuucuaaagc.....	24	0	c04
.....Gagaacuguccucuucuaaagc.....	5	1	c04
.....uagaacuguccucuucuaaagcC.....	1	1	c04
.....uagaacugucAucuucuaaagca.....	1	1	c04
.....uagaacuguccucuucuaaagca.....	8	0	c04
.....uagaacuguccucuucuaaagcaA.....	7	1	c04
.....acuguccucuucuaaagc.....	1	0	c04
.....cuguccucuucuaaagca.....	1	0	c04

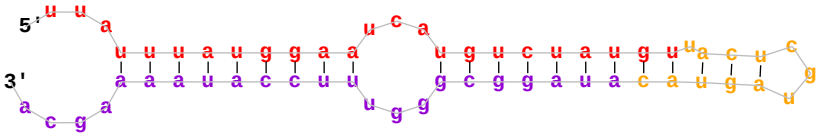
..........aaaggauuucaaaaccggucugucgc.....	1	0	c16
..........aaggauuucaaaaccggucuA.....	1	1	c16
..........aaggauuucaaaaccggucugu.....	2	0	c16
..........aaggauuucaaaaccggucuguc.....	1	0	c16
..........aaggauuucaaaaccggucugucg.....	4	0	c16
..........aaggauuucaaaaccggucugucgc.....	6	0	c16
..........aaggauuucaaaaccggucugucgcu.....	6	0	c16
..........aaggauAucaaaaccggucugucgcu.....	1	1	c16
..........aaggauuucaaaaccggucugucgcuC.....	1	1	c16
..............Cuuucaaaaccggucuguc.....	1	1	c16
..............auuucaaaaccggucugucg.....	1	0	c16
.....cgcuuuagcaguuggcagacuaaguuucu.....	2	0	c16
.....uuuagcaguuggcagacu.....	7	0	c16
.....Guuagcaguuggcagacu.....	1	1	c16
.....Guuagcaguuggcagacua.....	3	1	c16
.....uuuagcaguuggcagacua.....	2	0	c16
.....Guuagcaguuggcagacuaa.....	1	1	c16
.....uuuagcaguuggcagacuaa.....	7	0	c16
.....uuuagcaguuggcagacuaag.....	28	0	c16

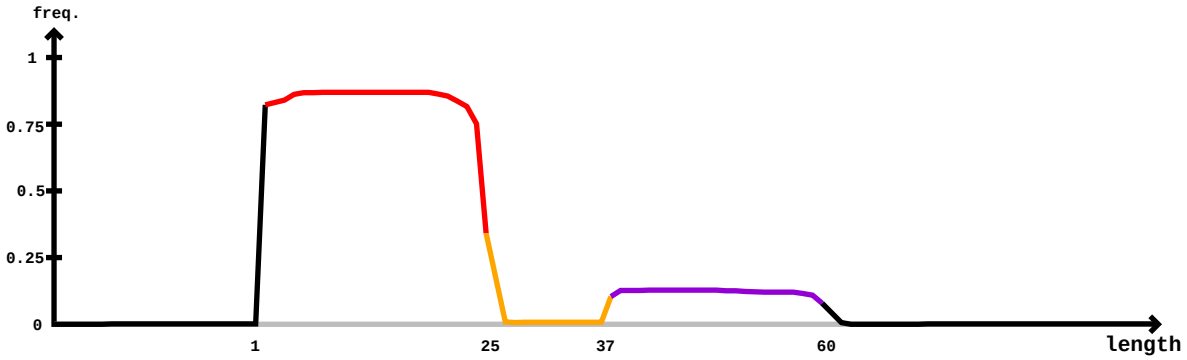
Star Mature

cugucuuacaaaaggauuucaaaaccggucugucgcuuuagcaguuggcagacuaaguuucuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu

.....uuuagcaguuggcagacuaaC.....	1	1	c16
.....Guuagcaguuggcagacuaag.....	3	1	c16
.....uuuagcaguuggcagacuaaUu.....	4	1	c16
.....uuuagcaguuggcagacuaagu.....	135	0	c16
.....uuuagcaguuggcagCcuaagu.....	2	1	c16
.....Guuagcaguuggcagacuaagu.....	23	1	c16
.....uuuagcaguuggcagacuaGgu.....	1	1	c16
.....uuuagcaguuggcGgacuaagu.....	1	1	c16
.....uuuagcaguuggcagacuaaguA.....	17	1	c16
.....uuuagcaguuggcagacuaaguC.....	1	1	c16
.....uuuagcaguuggcagacuaaguu.....	2	0	c16
.....cuagaacuguccucuucuaa.....	2	0	c16
.....cuagaacuguccucuucuaaa.....	1	0	c16
.....cuagaacuguccucuucuaaag.....	3	0	c16
.....cuagaacuguccucuucuaaagc.....	2	0	c16
.....cuagaacuguccucuucuaaagca.....	2	0	c16
.....uagaacuguccucuucua.....	9	0	c16
.....Gagaacuguccucuucua.....	1	1	c16
.....Cagaacuguccucuucuaa.....	1	1	c16
.....uagaacuguccucuucuaa.....	5	0	c16
.....Gagaacuguccucuucuaa.....	1	1	c16
.....uagaacuguccucuucuaaa.....	46	0	c16
.....Aagaacuguccucuucuaaa.....	1	1	c16
.....uagaacuguccucuucAaaa.....	1	1	c16
.....Gagaacuguccucuucuaaa.....	6	1	c16
.....uagaacuguccucuucuaaag.....	67	0	c16
.....Gagaacuguccucuucuaaag.....	10	1	c16
.....uagaacuguccucuucuaaagU.....	1	1	c16
.....uagaacuCuccucuucuaaagc.....	2	1	c16
.....uagaacuguccucuucuaaagA.....	2	1	c16
.....uagaacuguccucuucuaaagc.....	247	0	c16
.....uagCacuguccucuucuaaagc.....	4	1	c16
.....uagaacuguccucuuAuaaagc.....	1	1	c16
.....uagaacuguccucuucuaaUgc.....	2	1	c16
.....uagaacugucAucuucuaaagc.....	1	1	c16
.....Gagaacuguccucuucuaaagc.....	21	1	c16
.....uagaacuguccucuucuaaaCc.....	1	1	c16
.....uagaacuguccucuAcuaaagca.....	1	1	c16
.....uagCacuguccucuucuaaagca.....	1	1	c16
.....uagaacuguccucuucuaaagca.....	46	0	c16
.....Gagaacuguccucuucuaaagca.....	4	1	c16
.....uagaacuguccucuucuaaagcU.....	5	1	c16
.....uagaacuguccucuucuaaagcag.....	1	0	c16
.....uagaacuguccucuucuaaagcaA.....	11	1	c16
.....gaacuguccucuucuaaagc.....	1	0	c16
.....aacuguccucuucuaaagcagc.....	3	0	c16

Provisional ID	:	group19_29775
Score total	:	398.7
Score for star read(s)	:	3.9
Score for read counts	:	392.2
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	781
Mature read count	:	686
Loop read count	:	0
Star read count	:	95





Mature **Star**

```
5'- auguuuaaaccuggcuguuguuauuuauggaaucaugucuaugguacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuuuuacgu  -3'   obs
    auguuuaaaccuggcuguuguuauuuauggaaucaugucuaugguacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuuuuacgu        exp
    ........(((.(((((.((((.((((((((((...((((((((((.(((...)))))))))))))...)))))))))))))).)))))..)))........................   reads     mm        sample
    ...................uuauuuauggaaucaugu.....................................................................................   1         0         c09
    ...................uuauuuauggaaucGugucua..................................................................................   2         1         c09
    ...................uuauuuauggaaucGugucuau.................................................................................   4         1         c09
    ...................uuauuuauggaaucaugucuau.................................................................................   2         0         c09
    ...................uuauuuauggaaucaugucuaug................................................................................   6         0         c09
    ...................uuauuuauggaaucGugucuaug................................................................................   3         1         c09
    ...................uuauuuauggaaucaugucuaugu...............................................................................   1         0         c09
    ...................uuauuuauggaaucGugucuaugu...............................................................................   7         1         c09
    ....................uauuuauggaaucaugucuaugu................................................................................   1         0         c09
    ......................uuuauggaaucGugucuau...................................................................................   1         1         c09
    ......................uuuauggaaucGugucuaug..................................................................................   1         1         c09
    ......................uuauggaaucaugucuaugu...................................................................................   1         0         c09
    ..........................................................Cuaggcgggguuuccauaaaa.....................................   1         1         c09
    ..........................................................auaggcgggguuuccauaaaagca.................................   1         0         c09
    ..............................................................gcgggguuuccauaaaagcac.................................   1         0         c09

    ...................uuauuuauggaaucaugu.....................................................................................   2         0         c16
    ...................Guauuuauggaaucauguc....................................................................................   1         1         c16
    ...................uuauuuauggaaucGuguc....................................................................................   1         1         c16
    ...................uuauuuauggaaucauguc....................................................................................   1         0         c16
    ...................uuauuuauggaaucaugucu...................................................................................   4         0         c16
    ...................uuauuuauggaaucGugucu...................................................................................   6         1         c16
    ...................Guauuuauggaaucaugucua..................................................................................   1         1         c16
    ...................uuauuuauggaaucGugucua..................................................................................   8         1         c16
    ...................uuauuuauggaaucaugucua..................................................................................   1         0         c16
    ...................uuauuuauggaaucaugucuau.................................................................................   6         0         c16
    ...................uuauuuauCgaaucaugucuau.................................................................................   1         1         c16
    ...................Guauuuauggaaucaugucuau.................................................................................   3         1         c16
    ...................uuauuuauggaaucGugucuau.................................................................................   14        1         c16
    ...................Guauuuauggaaucaugucuaug................................................................................   10        1         c16
    ...................uuauuuauggaaucaugucuaug................................................................................   38        0         c16
    ...................uuauuuauggaaucGugucuaug................................................................................   53        1         c16
    ...................uuauuuauggaaucaugucuaugu...............................................................................   8         0         c16
```

Mature Star

auguuuaaaccuggcuguuguuauuuauggaaucaugucuauguuacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuuuuacgu

.....uuauuuauggaaucGugucuaugu.....	80	1	c16
.....uuauuuauggaaucGugucuauguu.....	2	1	c16
.....uuauuuauggaaucaugucuauguA.....	3	1	c16
.....uuauuuauggaaucaugucuauguAa.....	1	1	c16
.....uuauuuauggaaucGugucuauguua.....	1	1	c16
.....uauuuauggaaucaugucuaug.....	1	0	c16
.....auuuauggaaucaugucuau.....	1	0	c16
.....auuuauggaaucGugucuaug.....	3	1	c16
.....auuuauggaaucGugucuaugu.....	2	1	c16
.....uuuauggaaucGugucuau.....	2	1	c16
.....uuuauggaaucaugucuaug.....	1	0	c16
.....Guuauggaaucaugucuaug.....	1	1	c16
.....uuuauggaaucGugucuaug.....	2	1	c16
.....uuuauggaaucGugucuaugu.....	6	1	c16
.....uuauggaaucaugucuau.....	1	0	c16
.....uuauggaaucaugucuaug.....	4	0	c16
.....auggaaucaugucuaugu.....	1	0	c16
.....guuacucguaguacauaggcgggguu.....	1	0	c16
.....uacucguaguacauaggcgggguuucca.....	1	0	c16
.....Ccucguaguacauaggcgggguu.....	1	1	c16
.....ucguaguacauaggcgggguuuccau.....	1	0	c16
.....auaggcgggguuuccauaaaagc.....	1	0	c16
.....Cuaggcgggguuuccauaaaagca.....	1	1	c16
.....auaggcgggguuucAauaaaagca.....	1	1	c16
.....auaggcggguAuccauaaaagca.....	1	1	c16
.....auaggcgggguuuccauaaaagcac.....	1	0	c16
.....auaggcgggguuuccauaaaagcacU.....	2	1	c16

.....uuauuuauggaaucaugu.....	1	0	c04
.....uuauuuauggaaucauguc.....	1	0	c04
.....uuauuuauggaaucaugucu.....	1	0	c04
.....uuauuuauggaaucGugucuau.....	3	1	c04
.....Guauuuauggaaucaugucuau.....	1	1	c04
.....uuauuuauggaaucaugucuau.....	1	0	c04
.....uuauuuauggaaucGugucuaug.....	14	1	c04
.....Guauuuauggaaucaugucuaug.....	1	1	c04
.....uuauuuauggaaucaugucuaug.....	8	0	c04
.....uuauuuauggaaucaugucuaugu.....	4	0	c04
.....uuauuuauggaaucGugucuaugu.....	5	1	c04
.....uuauuuauggaaucaugucuauguA.....	1	1	c04
.....Guauuuauggaaucaugucuauguu.....	1	1	c04
.....uauuuauggaaucaugucuaugu.....	1	0	c04
.....uacucguaguacauaggcgggguuucc.....	2	0	c04
.....auaggcgggguuuccauaaaagca.....	1	0	c04
.....Gacauucuucgagggcuuuuacgu	1	1	c04

.....uuauuuauggaaucauguc.....	1	0	c02
.....Guauuuauggaaucaugucu.....	1	1	c02
.....uuauuuauggaaucGugucu.....	1	1	c02
.....uuauuuauggaaucaugucua.....	2	0	c02
.....uuauuuauggaaucGugucua.....	1	1	c02
.....uuauuuauggaaucGugucuau.....	3	1	c02
.....uuauuuauggaaucGugucuaug.....	9	1	c02
.....uuauuuauggaaucaugucuaug.....	7	0	c02
.....uuauuuauggaaucaugucuaugu.....	1	0	c02
.....uuauuuauggaaucGugucuaugu.....	12	1	c02
.....uauuuauggaaucaugucuaug.....	2	0	c02
.....uauuuauggaaucGugucuaugu.....	1	1	c02
.....auuuauggaaucGugucuaug.....	1	1	c02
.....uuuauggaaucGugucuaugu.....	3	1	c02
.....auaggcgggguuuccauaaaagca.....	1	0	c02

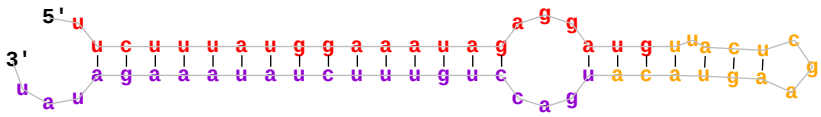
....uuaaaccuggcuguugGuau.....	1	1	c15
.....uuauuuauggaaucaugu.....	1	0	c15
.....uuauuuauggaaucGuguc.....	1	1	c15
.....uuauuuauggaaucGugucu.....	1	1	c15
.....uuauuuauggaaucaugucu.....	1	0	c15
.....uuauuuauggaaucGugucuau.....	9	1	c15
.....uuauuuauggaaucGugucuaug.....	58	1	c15
.....uuauuuauggaaucaugucuaug.....	100	0	c15

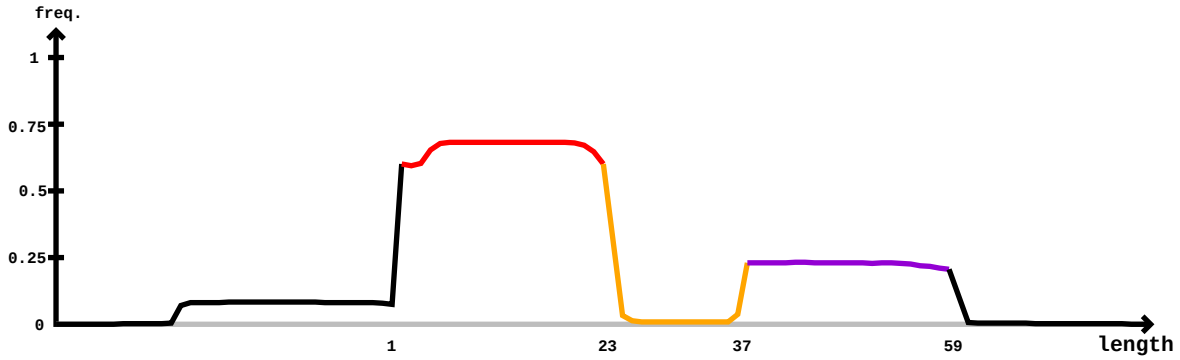
Mature Star

auguuuaaaccuggcuguuguuauuuauggaaucaugucuauguuacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuuuuacgu

.....uuauuuauggaaucaugucuauA.....	1	1	c15
.....uuauuuauggaaucGugucuaugu.....	104	1	c15
.....uuauuuauggaaucaugucuaugu.....	17	0	c15
.....uuauuuauggaaucGugucuauguu.....	3	1	c15
.....uuauuuauggaaucaugucuauguu.....	1	0	c15
.....uauuuauggaaucGugucua.....	1	1	c15
.....auaggcgggguuuccauaaaa.....	3	0	c15
.....auaggcgggguuuccauaaaag.....	5	0	c15
.....auaggcgggguuuccauaaaagc.....	18	0	c15
.....auaggcgggguuuccauaaaagU.....	1	1	c15
.....auaggcgggguuuccauaaaagcU.....	2	1	c15
.....auaggcgggguuuccauaaaagca.....	20	0	c15
.....auaggcgggguuuUcauaaaagca.....	1	1	c15
.....auaggcgggguuuccauaaaagcaU.....	2	1	c15
.....auaggcgggguuuccauaaaagcaA.....	2	1	c15
.....auaggcgggguuuccauaaaagcac.....	8	0	c15
.....auaggcgggguuuccauaaaagcacU.....	3	1	c15
.....uaggcgggguuuccauaaaagc.....	4	0	c15
.....uaggcgggguuuccauaaaagca.....	10	0	c15
.....uUggcgggguuuccauaaaagca.....	1	1	c15
.....uaggcgggguuuccauaaaagcU.....	1	1	c15
.....uaggcgggguuuccauaaaagcac.....	2	0	c15

Provisional ID	:	group19_29780
Score total	:	210.8
Score for star read(s)	:	3.9
Score for read counts	:	204.1
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	412
Mature read count	:	311
Loop read count	:	0
Star read count	:	101





Mature **Star**

```
5'- cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggauguuacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg  -3'   obs
    cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggauguuacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg        exp
    .............(((((((...(((((((((....((((((((((((((..((((.(((...)))))))...))))))))))))))...)))))))))))))).....  reads    mm    sample
    ...........cagauCuuuaaaccggacugu.....................................................................................  1        1     c16
    ...........cagauguuuaaacAggacugua....................................................................................  1        1     c16
    ...........cagauguuuaaaccggacugua....................................................................................  3        0     c16
    ...........cagauguuuaaaccggacuguaau...................................................................................  4        0     c16
    ...........cagauguuuaaaccggacuguaauu..................................................................................  3        0     c16
    ...........cagauguuuaaaccggacuguaaGuc.................................................................................  1        1     c16
    ...........cagauguuuaaaccggacuguaauuc.................................................................................  13       0     c16
    ...........cagauguuuaaaccggacuguaauucu................................................................................  3        0     c16
    ...........cagauguuuaaaccggacuguaaGucu................................................................................  1        1     c16
    ............agauguuuaaaccggacuguaauu..................................................................................  2        0     c16
    ............agauguuuaaaccggacuguaauuc.................................................................................  1        0     c16
    ............agauguuuaaaccggacuguaauucu................................................................................  1        0     c16
    ..............guuuaaaccggacuguaauuc...................................................................................  1        0     c16
    .................................auucuuuauggaaauagaggaugu.............................................................  1        0     c16
    .................................Gucuuuauggaaauagagg..................................................................  1        1     c16
    .................................uucuuuauggaaauagagg...................................................................  2        0     c16
    .................................uucuuuauggaaauagagga..................................................................  4        0     c16
    .................................uucuuuauggaaauagaggau.................................................................  9        0     c16
    .................................uucuuuauggaaauagaUgau.................................................................  1        1     c16
    .................................Gucuuuauggaaauagaggau.................................................................  3        1     c16
    .................................uucuuuauggaaauagaggaug................................................................  63       0     c16
    .................................Gucuuuauggaaauagaggaug................................................................  5        1     c16
    .................................uucuuuauggaaauagaggUug................................................................  1        1     c16
    .................................uucuuuauggaaauagaAgaug................................................................  2        1     c16
    .................................uucuuuauggaaauaUaggaugu...............................................................  1        1     c16
    .................................Gucuuuauggaaauagaggaugu...............................................................  4        1     c16
    .................................uucuuuauggaaauagaggaugu...............................................................  23       0     c16
    .................................Gucuuuauggaaauagaggauguu..............................................................  1        1     c16
    .................................uucuuuauggaaauagaggauguA..............................................................  5        1     c16
    .................................uucuuuauggaaauagaggauguAa.............................................................  2        1     c16
    .................................uUuuuauggaaauagaggaugu................................................................  1        1     c16
    ..................................cuuuauggaaauagaggaug.................................................................  1        0     c16
    ..................................Guuuauggaaauagaggaug..................................................................  1        1     c16
```

Mature Star

cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguuacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg

.....cuuuauggaaauagaggaugu..... 1 0 c16
.....cuuuauggaaauagaggaugA..... 1 1 c16
.....uuuauggaaauagaggau..... 3 0 c16
.....uuuauggaaauaAaggau..... 1 1 c16
.....Guuauggaaauagaggaug..... 2 1 c16
.....uuuauggaaauagaggaug..... 10 0 c16
.....uuuauggaaauagaggaugu..... 9 0 c16
.....uuauggaaauagaggaug..... 5 0 c16
.....uuauggaaauagaUgaug..... 1 1 c16
.....Auauggaaauagaggaug..... 1 1 c16
.....uuauggaaauagaggauguC..... 1 1 c16
.....uuauggaaauagaggauguA..... 2 1 c16
.....uauggaaauagaggaugu..... 1 0 c16
.....acucgaaguacaugaccug..... 1 0 c16
.....Ccucgaaguacaugaccuguuucua..... 1 1 c16
.....ucgaaguacaugaUcuguuucuauaaa..... 1 1 c16
.....augaUcuguuucuauaaagauau..... 2 1 c16
.....ugaccuguuucuauaaagau..... 1 0 c16
.....ugaccuguuucuauaaagaua..... 1 0 c16
.....Ggaccuguuucuauaaagauau..... 1 1 c16
.....ugaUcuguuucuauaaagauau..... 1 1 c16
.....uguuucuauaaagauaucaguccgg..... 1 0 c16
.....aaagauaucaguccggagacauucuu.. 1 0 c16

.....cuacaucagauguuuaaaccg..... 1 0 c04
.....ucagauguuuaaaccggacuguaauuc..... 1 0 c04
.....agauguuuaaaccggacuguaauu..... 1 0 c04
.....uucuuuauggaaauagagga..... 1 0 c04
.....Gucuuuauggaaauagaggaug..... 1 1 c04
.....uucuuuauggaaauagaggaug..... 10 0 c04
.....uucuuuauggaaauagaggaugu..... 3 0 c04
.....uucuuuauggaaauagaggauguA..... 1 1 c04
.....cuuuauggaaauagaggaug..... 1 0 c04
.....uuuauggaaauagaggaug..... 1 0 c04
.....uuuauggaaauagaggaugu..... 1 0 c04
.....uuuauggaaauagaggauguA..... 1 1 c04
.....uuauggaaauagaggaug..... 2 0 c04
.....Guauggaaauagaggaugu..... 1 1 c04
.....uuauggaaauagaggaugu..... 1 0 c04
.....uauggaaauagaggaugu..... 1 0 c04

.....uucuuuauggaaauagag..... 1 0 c09
.....uucuuuauggaaauagagg..... 1 0 c09
.....uucuuuauggaaauagagga..... 3 0 c09
.....Gucuuuauggaaauagagga..... 1 1 c09
.....uucuuuauggaaauagaggau..... 2 0 c09
.....uucuuuauggaaauagaggauU..... 1 1 c09
.....Gucuuuauggaaauagaggaug..... 2 1 c09
.....uucuuuauggaaauagaggaug..... 13 0 c09
.....uucuuuauggaaauagaggaugu..... 3 0 c09
.....cuuuauggaaauagaggau..... 1 0 c09
.....cuuuauggaaauagaggaug..... 4 0 c09
.....uuuauggaaauagaggau..... 1 0 c09
.....uuuauggaaauagaggaug..... 3 0 c09
.....Guuauggaaauagaggaugu..... 1 1 c09
.....uuuauggaaauagaggaugu..... 1 0 c09
.....uuuauggaaauagaggauguuUc..... 1 1 c09
.....uuauggaaauagaggaug..... 1 0 c09
.....augaccuguuucuauaaag..... 1 0 c09
.....augaccuguuucuauaaaAau..... 1 1 c09
.....augaUcuguuucuauaaagauau..... 1 1 c09
.....augaccuguuucuauaaagauau..... 1 0 c09
.....augaccuguuucuauaaagauauU..... 1 1 c09
.....ugaccuguuucuauaaaga..... 1 0 c09
.....ugaUcuguuucuauaaagaua..... 1 1 c09
.....ugaccuguuucuauaaagauau..... 1 0 c09

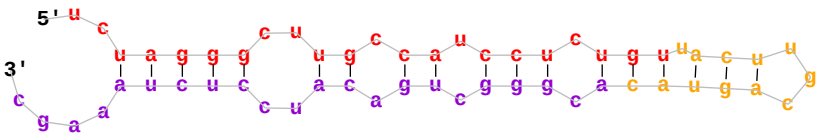
.....auucuuuauggaaauagaggaug..... 1 0 c02
.....uucuuuauggaaauagaggC..... 1 1 c02
.....uucuuuauggaaauagagga..... 1 0 c02

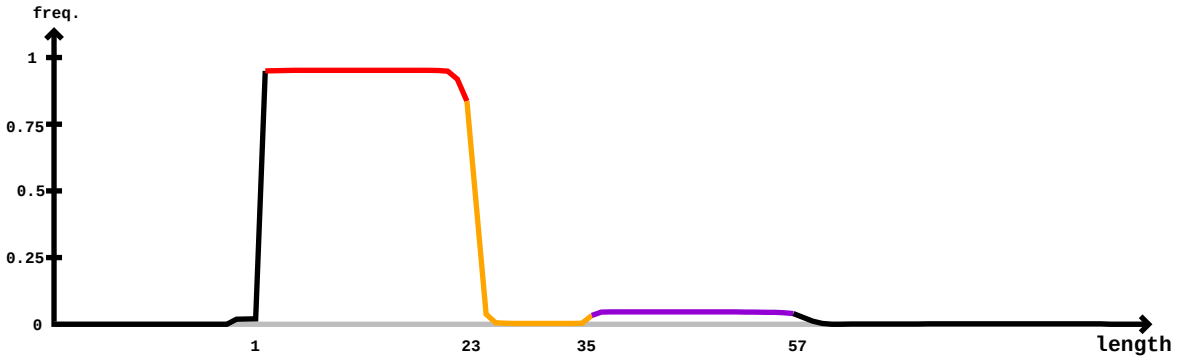
Mature **Star**

```
cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguuacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg
.............................uucuuuauggaaauagaggaug.....................................................  5   0   c02
.............................Gucuuuauggaaauagaggaug.....................................................  1   1   c02
.............................uucuuuauggaaauagaggaugu....................................................  2   0   c02
.................................Guuauggaaauagaggaug.....................................................  1   1   c02
.................................uuuauggaaauagaggaug.....................................................  3   0   c02
.................................uuuauggaaauagaggaugu....................................................  1   0   c02
.................................uuauggaaauagaggaug......................................................  1   0   c02
.....................................................................augaUcuguuucuauaaag.....................  1   1   c02
.....................................................................augaUcuguuucuauaaagauau.................  1   1   c02
.....................................................................ugaccuguuucuauaaagauau.................  1   0   c02

.............................uuUuuuauggaaauagaggaug.....................................................  1   1   c15
.............................uucuuuauggaaauagaggaug.....................................................  45  0   c15
.............................uucuuuauggaaauagaggauU.....................................................  1   1   c15
.............................uucuuuauggaaauagaUgaug.....................................................  1   1   c15
.............................uucuuuauggaaauagaggaugA....................................................  2   1   c15
.............................uucuuuauggaaauagaggaugu....................................................  10  0   c15
.....................................................uuacucgaaguacaugaccuguuucuauaU.....................  1   1   c15
.....................................................................augaccuguuucuauaaagauau.................  4   0   c15
.....................................................................ugaccuguuucuauaaag......................  1   0   c15
.....................................................................ugaccuguuucuauaaagau....................  1   0   c15
.....................................................................ugaccuguuucuauaaagauau.................  55  0   c15
.....................................................................ugaccugGuucuauaaagauau.................  1   1   c15
.....................................................................ugaUcuguuucuauaaagauau.................  5   1   c15
.....................................................................ugaccuguuucuauaaagauauU................  16  1   c15
.....................................................................ugaccuguuucuauaaagauauUa...............  1   1   c15
```

Provisional ID	:	group19_29781
Score total	:	632.9
Score for star read(s)	:	3.9
Score for read counts	:	627.2
Score for mfe	:	0.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1242
Mature read count	:	1185
Loop read count	:	0
Star read count	:	57





Mature **Star**

```
5'- uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug  -3'   obs
    uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug        exp
    .....(((((.((((.(((.(((((..((.((.(((.(((.(((...)))))).))).)).))..)))))).))).))))..)))).....................  reads   mm   sample
    ................cgcucuagggcuugccauccucu.....................................................................  22      0    c15
    ................cgcucuagggcuugccauccucuU....................................................................  1       1    c15
    ................gcucuagggcuugccauccucug.....................................................................  1       0    c15
    ................ucuagggcuugccauccuc.........................................................................  1       0    c15
    ................ucuagggcuugccauccucu........................................................................  1       0    c15
    ................ucuagggcuugccauccucug.......................................................................  5       0    c15
    ................ucuagggcuuAccauccucugu......................................................................  1       1    c15
    ................ucuagggcuugccauccucugC......................................................................  4       1    c15
    ................ucuagggcuugccauccucugu......................................................................  285     0    c15
    ................ucuagggcuugUcauccucugu......................................................................  2       1    c15
    ................Acuagggcuugccauccucugu......................................................................  1       1    c15
    ................ucuagggcuugccauccucuguA.....................................................................  3       1    c15
    ................ucuagggcuugccauccucuguu.....................................................................  24      0    c15
    ................ucuagggcuugccauccucuguC.....................................................................  1       1    c15
    ................ucuagggcuugccauccucuguuU....................................................................  10      1    c15
    ................ucuagggcuugccauccucuguuaA...................................................................  1       1    c15
    ................ucuagggcuugccauccucuguuacu...................................................................  1       0    c15
    ................cuagggcuugccauccucuguAa.....................................................................  1       1    c15
    ................uagggcuugccauccucuguu.......................................................................  1       0    c15
    ....................................uuacuugcaguacacgggcugacauccucuU.....................................  1       1    c15
    ....................................cacgggcugacauccucuaaagcagc.........................................  1       0    c15
    ....................................acgggcugacauccucuaaa...............................................  2       0    c15
    ....................................acgggcugacauccucuaaaA..............................................  2       1    c15
    ....................................acgggcugacauccucuaaag..............................................  2       0    c15
    ....................................acgggcugacauccucuaaagc.............................................  29      0    c15
    ....................................acgggcugacauccucuaaagca............................................  2       0    c15
    ....................................acgggcugacauccucuaaagcU............................................  1       1    c15
    ....................................cgggcugacauccucuaaagc..............................................  1       0    c15
    ....................................cgggcugacauccucuaaagca.............................................  3       0    c15
    ....................................cgggcugacauccucuaaagcag............................................  9       0    c15
    ....................................cgggcugacauccucuaaagcagc...........................................  3       0    c15
    ....................................gggcugacauccucuaaagcag.............................................  1       0    c15

    ................Gcuagggcuugccauccucugu......................................................................  2       1    c02
```

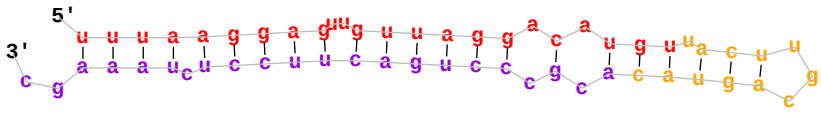
Mature Star

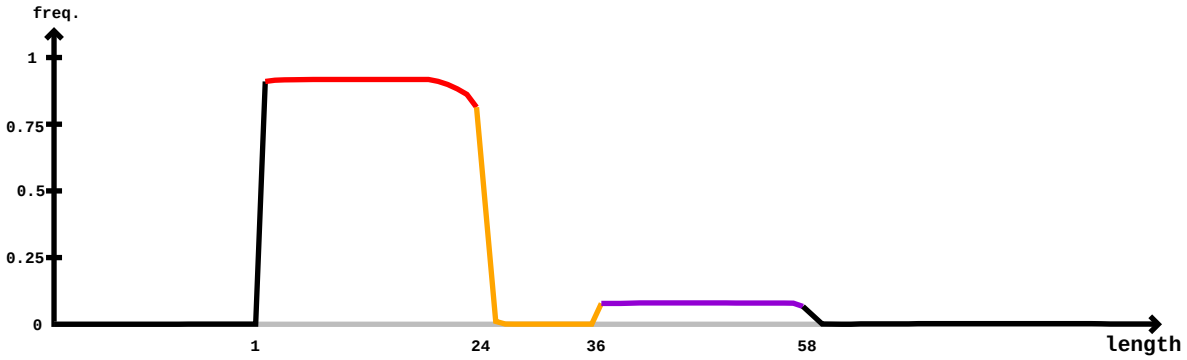
uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug

.....ucuagggcuugccauccucugu.....	21	0	c02
.....ucuagggcuugccauccucu.....	1	0	c09
.....Gcuagggcuugccauccucug.....	1	1	c09
.....ucuagggcuugccauccucug.....	11	0	c09
.....ucuaggCcuugccauccucugu.....	1	1	c09
.....Gcuagggcuugccauccucugu.....	4	1	c09
.....ucuaUggcuugccauccucugu.....	1	1	c09
.....ucuagggcuugccauccucugu.....	30	0	c09
.....ucuagggcuugccauccucuguG.....	1	1	c09
.....ucuagggcuugccauccucuguA.....	2	1	c09
.....ucuagggcuugccauccucuguAa.....	1	1	c09
.....cgggcugacauccucuaaagcag.....	1	0	c09
.....cgcucuagggcuugccauccucu.....	1	0	c16
.....cucuagggcuugccauccucuguAa.....	1	1	c16
.....ucuagggcuugccauccu.....	1	0	c16
.....ucuagggcuugccauccuc.....	2	0	c16
.....Gcuagggcuugccauccucu.....	3	1	c16
.....ucuagggcuugccauccucu.....	8	0	c16
.....Gcuagggcuugccauccucug.....	6	1	c16
.....ucuagggcuugccauccucug.....	72	0	c16
.....ucuaggAcuugccauccucug.....	1	1	c16
.....Acuagggcuugccauccucugu.....	2	1	c16
.....ucuagggcuugccauccucugA.....	1	1	c16
.....ucuagggcuugAcauccucugu.....	1	1	c16
.....ucuagggcuugccauccCcugu.....	1	1	c16
.....ucuagggcuugccaCccucugu.....	1	1	c16
.....ucuagAgcuugccauccucugu.....	1	1	c16
.....ucuagggcuugccauccucugG.....	1	1	c16
.....ucuagggcuugccauccucugu.....	467	0	c16
.....ucuagggcuugccauccucCgu.....	2	1	c16
.....ucuagCgcuugccauccucugu.....	2	1	c16
.....ucuagggcuugccaucUucugu.....	1	1	c16
.....Ccuagggcuugccauccucugu.....	1	1	c16
.....ucuaggCcuugccauccucugu.....	1	1	c16
.....ucuagggcuAgccauccucugu.....	1	1	c16
.....ucuagggcuugcAauccucugu.....	1	1	c16
.....ucuaAggcuugccauccucugu.....	1	1	c16
.....Gcuagggcuugccauccucugu.....	57	1	c16
.....ucuagggcuugccauAcucugu.....	3	1	c16
.....ucuagggcuuCccauccucugu.....	2	1	c16
.....ucuagggcuugccauccucuguG.....	2	1	c16
.....ucuagggcuugccauccucuguA.....	25	1	c16
.....ucuagggcuugccauccucuguu.....	5	0	c16
.....ucuagggcuugccauccucuguAa.....	12	1	c16
.....ucuagggcuugccauccucuguuU.....	1	1	c16
.....ucuagggcuugccauccucuguua.....	3	0	c16
.....ucuagggcuugccauccucuguuaU.....	1	1	c16
.....ucuagggcuugccauccucuguuacuugcaguac.....	1	0	c16
.....ucuagggcuugccauccucuguuacuugcaguaca.....	1	0	c16
.....agggcuugccauccucugu.....	1	0	c16
.....acuugcaguacacgggcugacauccuc.....	1	0	c16
.....cauucuucaaagacuucua....	1	0	c16
.....ucuagggcuugccauccucu.....	2	0	c04
.....Gcuagggcuugccauccucug.....	1	1	c04
.....ucuagggcuugccauccucug.....	5	0	c04
.....ucuagggcuugccaucUucug.....	2	1	c04
.....ucuagggcuugccauccucuUu.....	1	1	c04
.....ucuaggCcuugccauccucugu.....	1	1	c04
.....ucuagggcuugccauccucugu.....	42	0	c04
.....ucuagUgcuugccauccucugu.....	1	1	c04
.....Gcuagggcuugccauccucugu.....	1	1	c04
.....ucuagggcuugccauccucuguu.....	1	0	c04
.....ucuagggcuugccauccucuguC.....	1	1	c04
.....ucuagggcuugccauccucuguA.....	5	1	c04
.....ucuagggcuugccauccucuguuU.....	1	1	c04
.....ucuagggcuugccauccucuguAa.....	11	1	c04
.....uccugguacauucuucaaagacuucua....	1	0	c04

Mature
Star
uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug

Provisional ID	:	group19_29783
Score total	:	1084.1
Score for star read(s)	:	3.9
Score for read counts	:	1074.3
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2119
Mature read count	:	1950
Loop read count	:	0
Star read count	:	169





Mature **Star**

```
5'- uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacaauucuucgagagcuucuacggu  -3'   obs
    uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacaauucuucgagagcuucuacggu        exp
    .....(((((.((((.((((((((((((..((((((.(.(((.(((...)))))).).)))))))))))).))))))).))))..))).))).....((((((...))).))).  reads    mm    sample
    ...................uuuaaggaguuguuaggaca.....................................................................  1        0     c15
    ...................uuuaaggaguuguuaggacau....................................................................  2        0     c15
    ...................uuuaaggaguuguuaggacaug...................................................................  5        0     c15
    ...................uuuaaggaguuguuaggacauA...................................................................  1        1     c15
    ...................uuuaaggaguuguuaggacaugu..................................................................  249      0     c15
    ...................uuuaaggaguuguuaggacUugu..................................................................  1        1     c15
    ...................uuuaaggaguuguuaggacGugu..................................................................  1        1     c15
    ...................uuuaaggaguuguuaggacaugC..................................................................  1        1     c15
    ...................uuuaaggaguuguuaggacauguu.................................................................  12       0     c15
    ...................uuuaaggaguuguuaggacauguA.................................................................  1        1     c15
    ...................uuuaaggaguuguuaggacauguuU................................................................  4        1     c15
    ....................uuaaggaguuguuaggacaugu...................................................................  3        0     c15
    ..........................................................acgcccugacAuccucuaaag.....................................  1        1     c15
    ..........................................................acgcccugacuuccucuaaag.....................................  8        0     c15
    ..........................................................acgcccugGcuuccucuaaag.....................................  12       1     c15
    ..........................................................acgcccugGcuuccucuaaagc....................................  24       1     c15
    ..........................................................acgcccugacuuccucuaaagc....................................  75       0     c15
    ..........................................................acgcccuAacuuccucuaaagc....................................  1        1     c15
    ..........................................................acgAccugacuuccucuaaagc....................................  1        1     c15
    ..........................................................acgcccugacuuccucuaaagca...................................  2        0     c15
    ..............................................................cccugacuuccucuaaagc.....................................  2        0     c15
    ..............................................................ccuAacuuccucuaaagc.....................................  1        1     c15

    ...................Guuaaggaguuguuagga.....................................................................  1        1     c02
    ...................uuuaaggaguuguuagga.....................................................................  3        0     c02
    ...................uuuaaggaguuguuaggac....................................................................  1        0     c02
    ...................uuuaaggaguuguuaggaca...................................................................  6        0     c02
    ...................uuuaaggaguuguuaggacau..................................................................  6        0     c02
    ...................Guuaaggaguuguuaggacau..................................................................  1        1     c02
    ...................uuuaaggaguuguuaggaUaug..................................................................  1        1     c02
    ...................uuuaaggaguuguuaggacaug..................................................................  9        0     c02
    ...................uuuaaggaguuguuaggCcaug..................................................................  1        1     c02
    ...................Guuaaggaguuguuaggacaug..................................................................  2        1     c02
```

Mature Star

```
uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacggu
.....Auuaaggaguuguuaggacaugu.....  1  1  c02
.....uuuaCggaguuguuaggacaugu.....  1  1  c02
.....uuuaaggaguuguuaggCcaugu.....  1  1  c02
.....Guuaaggaguuguuaggacaugu.....  37  1  c02
.....uuuaaggGguuguuaggacaugu.....  1  1  c02
.....uuuaaUgaguuguuaggacaugu.....  1  1  c02
.....uuuaaggagAuguuaggacaugu.....  1  1  c02
.....uuuaaggaguuguuagCacaugu.....  1  1  c02
.....uuuaaggaguuguuaggacaugu.....  302  0  c02
.....uuuaaggaguuguuaggacauguA.....  2  1  c02
.....uuuaaggaguuguuaggacauguu.....  3  0  c02
.....uuuaaggaguuguuaggacauguG.....  2  1  c02
.....uuuaaggaguuguuaggacauguAa.....  1  1  c02
.....uuuaaggaguuguuaggacauguuU.....  1  1  c02
.....uuaaggaguuguuaggacaugu.....  2  0  c02
.....uuaaCgaguuguuaggacaugu.....  1  1  c02
.....Caaggaguuguuaggacaugu.....  2  1  c02
.....aaggaguuguuaggacaugu.....  1  0  c02
.....acgcccugacuuccucuaaa.....  1  0  c02
.....Ccgcccugacuuccucuaaagc.....  1  1  c02
.....acgcccugGcuuccucuaaagc.....  1  1  c02
.....acgcccugacuuccucuaaagc.....  1  0  c02

.....uuuaaggaguuguuagga.....  1  0  c09
.....uuuaaggaguuguuaggac.....  6  0  c09
.....uuuaaggaguuguAaggac.....  1  1  c09
.....uuuaaggaguuguuaggaca.....  3  0  c09
.....Guuaaggaguuguuaggaca.....  1  1  c09
.....Guuaaggaguuguuaggacau.....  1  1  c09
.....uuuaaggaguuguuaggacau.....  6  0  c09
.....uuuaaggaguuguuaggacaC.....  1  1  c09
.....uuuaaCgaguuguuaggacaug.....  1  1  c09
.....uuuaaggaguuguuaggacaug.....  11  0  c09
.....uuuaaggaguAguuaggacaug.....  1  1  c09
.....Auuaaggaguuguuaggacaugu.....  2  1  c09
.....uuuaaggaguuguuaggacaugu.....  126  0  c09
.....Guuaaggaguuguuaggacaugu.....  14  1  c09
.....uuuaaggaguuguuaggacauguu.....  1  0  c09
.....uuuaaggaguuguuaggacauguA.....  1  1  c09
.....uuuaaggaguuguuaggacauguua.....  1  0  c09
.....uuaaggaguuguuaggacaug.....  1  0  c09
.....uaaggaguuguuaggacaugu.....  1  0  c09
.....acgcccugacuuccucuaaag.....  1  0  c09
.....acgcccugGcuuccucuaaag.....  1  1  c09
.....acgcccugGcuuccucuaaagc.....  2  1  c09
.....acgcccugacuuccucuaaagc.....  4  0  c09
.....ccugacuuccucuaaagcagc.....  1  0  c09

.....uuuaaggaguuguuagga.....  2  0  c04
.....uuuaaggaguuguuaggac.....  3  0  c04
.....uuuaaggaguuguuaggaA.....  1  1  c04
.....uuuaaggaguuguuaggaca.....  1  0  c04
.....uuuaaggaguuguuaggacau.....  1  0  c04
.....uuuaaggaguuguuaggacaug.....  4  0  c04
.....Guuaaggaguuguuaggacaugu.....  4  1  c04
.....uuuaaggaguuguuaggacaugu.....  38  0  c04
.....uuuaaggaguuguuagCacaugu.....  1  1  c04
.....uuuaaggaguuguuaggacauguA.....  2  1  c04
.....uuuaaggaguuguuaggacauguAa.....  2  1  c04
.....uuuaaggaguuguuaggacauguuU.....  1  1  c04
.....uugcaguacacgcccugacuucc.....  1  0  c04
.....acgcccugacuuccucuaaagcaA.....  1  1  c04
.....uccugguacauucuucgagaUcuuc.....  1  1  c04
.....uacauucuucgagagcuucuacggu  1  0  c04
.....uacauucuucgGgagcuucuacggu  1  1  c04

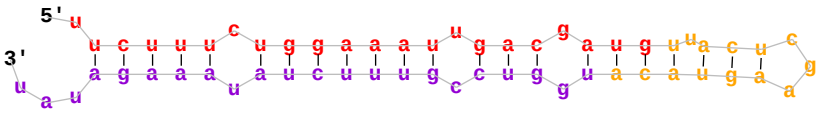
.....ucugucgcuuuaaggaguuguuagga.....  1  0  c16
.....Guuaaggaguuguuagga.....  1  1  c16
.....uuuaaUgaguuguuagga.....  1  1  c16
.....uuuaaggaguuguuagga.....  5  0  c16
```

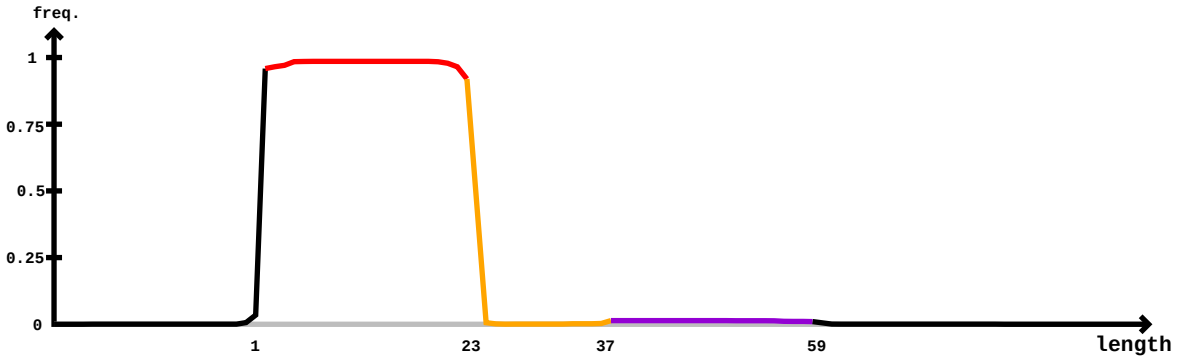
Mature Star

uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacggu

.....uuuaaggaguuguuaggac.....	12	0	c16
.....Guuaaggaguuguuaggac.....	1	1	c16
.....Guuaaggaguuguuaggaca.....	4	1	c16
.....uuuaaggaguuguuaggaca.....	19	0	c16
.....Guuaaggaguuguuaggacau.....	3	1	c16
.....uuuaaggaguuguuaggacau.....	22	0	c16
.....uuuaaggaguuguuaggacaC.....	1	1	c16
.....uuuaaggaguuguuaggaAaug.....	1	1	c16
.....uuuaaggaguuCuuaggacaug.....	1	1	c16
.....Guuaaggaguuguuaggacaug.....	6	1	c16
.....uuuaaggaguuguuaggacaug.....	57	0	c16
.....uuuaaggaguuguuaggCcaugu.....	1	1	c16
.....Auuaaggaguuguuaggacaugu.....	1	1	c16
.....uuuUaggaguuguuaggacaugu.....	1	1	c16
.....uuuaaggaguugAuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacaAgu.....	1	1	c16
.....uuuaaggaguuguuaUgacaugu.....	2	1	c16
.....uuuaaggaguuguGaggacaugu.....	1	1	c16
.....Cuuaaggaguuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacCugu.....	1	1	c16
.....uuuaaggaguuguuaggacaugA.....	1	1	c16
.....uuuaagUaguuguuaggacaugu.....	2	1	c16
.....uuuaaggaguuguuaCgacaugu.....	2	1	c16
.....uuuaaggaguuguuaggacaugu.....	750	0	c16
.....uuuaaggaguuguuaggacaCgu.....	1	1	c16
.....uuuaaggaguuCuuaggacaugu.....	1	1	c16
.....uuuaaggagGuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacauCu.....	1	1	c16
.....Guuaaggaguuguuaggacaugu.....	92	1	c16
.....uuuaaggaguuguuaggacauguG.....	1	1	c16
.....uuuaaggaguuguuaggacauguu.....	7	0	c16
.....uuuaaggaguuguuaggacaAguu.....	1	1	c16
.....uuuaaggaguuguuaggacauguA.....	15	1	c16
.....uuuaaggaguuguuaggacauguua.....	2	0	c16
.....uuuaaggaguuguuaggacauguAa.....	8	1	c16
.....uuuaaggaguuguuaggacauguuU.....	1	1	c16
.....uuuaaggaguuguuaggacauguuac.....	1	0	c16
.....uuuaaggaguuguuaggacauguuaA.....	1	1	c16
.....uuaaggaguuguuaggacaugu.....	3	0	c16
.....aggaguuguuaggacauguA.....	1	1	c16
.....ggaguuguuaggacaugu.....	1	0	c16
.....acgcccugacuuccucuaaag.....	1	0	c16
.....acgcccugGcuuccucuaaag.....	2	1	c16
.....acgcccugacuuccucuaaCgc.....	1	1	c16
.....acgcccugacuuccucuaaagc.....	12	0	c16
.....Ccgcccugacuuccucuaaagc.....	6	1	c16
.....acgcccugGcuuccucuaaagc.....	4	1	c16
.....Ccgcccugacuuccucuaaagca.....	1	1	c16
.....acgcccugacuuccucuaaagca.....	1	0	c16
.....uccugguacauucuucgagaUcuucu.....	2	1	c16

Provisional ID	:	group19_29785
Score total	:	1373.1
Score for star read(s)	:	3.9
Score for read counts	:	1366.5
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	2692
Mature read count	:	2660
Loop read count	:	0
Star read count	:	32





Mature **Star**

```
5'- auguuuaaaccggacuguaauucuuucuggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac  -3'   obs
    auguuuaaaccggacuguaauucuuucuggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac        exp
    ((((((...(((((((((....(((((.(((((((.(((.((((.(((...)))))))).)))..)))))))).)))))...))))))))))))))))(((((.((....)).)))))..  reads     mm      sample
    ..................auucuuucuggaaauugacg.....................................................................................  2         0       c02
    ..................auucuuucuggaaauugacUau..................................................................................  1         1       c02
    ..................auucuuucuggaaauugacgau...................................................................................  2         0       c02
    ..................uucuuucuggaaauugac.....................................................................................  1         0       c02
    ..................uucuuucuggaaauugacg.....................................................................................  1         0       c02
    ..................uucuuucuggaaauugacga....................................................................................  1         0       c02
    ..................Gucuuucuggaaauugacgau...................................................................................  1         1       c02
    ..................uucuuucuggaaauugacgau...................................................................................  8         0       c02
    ..................uucuuAcuggaaauugacgaug..................................................................................  1         1       c02
    ..................uucuuucuggaaauugacgaug..................................................................................  144       0       c02
    ..................Gucuuucuggaaauugacgaug..................................................................................  24        1       c02
    ..................uucuuucuggaaauugacgaugu.................................................................................  14        0       c02
    ..................Gucuuucuggaaauugacgaugu.................................................................................  2         1       c02
    ..................uucuuucuggaaauugacgaugA.................................................................................  2         1       c02
    ..................ucuuucuggaaauugacgaugu...................................................................................  1         0       c02
    ..................cuuucuggaaauugacgaug.....................................................................................  7         0       c02
    ..................uuucuggaaauugacgaug......................................................................................  1         0       c02
    ..........................................................ugAuccguuucuauaaagauau.....................................  1         1       c02

    ..................aauucuuucuggaaauugaUgau..................................................................................  1         1       c15
    ..................aauucuuucuggaaauugacgaug.................................................................................  6         0       c15
    ..................aauucuuucuggaaauugacgaugu................................................................................  1         0       c15
    ..................auucuuucuggaaauugacgau...................................................................................  13        0       c15
    ..................auucuuucuggaaauugacgaug..................................................................................  22        0       c15
    ..................auucuuucuggaaauugacgauU..................................................................................  1         1       c15
    ..................Cuucuuucuggaaauugacgaugu.................................................................................  1         1       c15
    ..................auucuuucuggaaauugacgauguu................................................................................  1         0       c15
    ..................uucuuucuggaaauugacg.....................................................................................  4         0       c15
    ..................uucuuucuggaaauugacga....................................................................................  16        0       c15
    ..................uucuuucuggaaauugacgau...................................................................................  23        0       c15
    ..................uucuuuUuggaaauugacgaug..................................................................................  3         1       c15
    ..................uAcuuucuggaaauugacgaug..................................................................................  1         1       c15
    ..................uucuuucuggaaGuugacgaug..................................................................................  1         1       c15
```

Mature Star

auguuuaaaccggacuguaauucuuuucuggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac

.....uucuuuucuggaaauugacgUug.....	1	1	c15
.....uucuuuucuggaaauugacUaug.....	2	1	c15
.....uuUuuuucuggaaauugacgaug.....	1	1	c15
.....uucuuuucuggaaauuAacgaug.....	1	1	c15
.....uucuuuucAggaaauugacgaug.....	1	1	c15
.....uucuuuucuggaaauugacgaug.....	1125	0	c15
.....uucuuuucuggaaauugacgauA.....	18	1	c15
.....uGcuuuucuggaaauugacgaug.....	1	1	c15
.....uucuuuucuggaaauugacgauC.....	3	1	c15
.....uucuuuucuggaaauuUacgaug.....	1	1	c15
.....uucuuuccCggaaauugacgaug.....	2	1	c15
.....uuAuuuucuggaaauugacgaug.....	1	1	c15
.....uucuuuucuggaaauugacgauU.....	1	1	c15
.....uucuuuucugCaaauugacgaugu.....	1	1	c15
.....uucuuuucuggaaauugacgaugA.....	4	1	c15
.....uucuuuucuggaaauugacgUugu.....	1	1	c15
.....uucuuuucuggaaauugacgaugu.....	62	0	c15
.....uucuuuucuggaaauugacgauguA.....	1	1	c15
.....uucuuuucuggaaauugacgauguu.....	1	0	c15
.....ucuuuucuggaaauugacgaug.....	8	0	c15
.....ucuuuucuggaaauugacgaugu.....	5	0	c15
.....ucuuuucuggaaauugacgauguu.....	1	0	c15
.....cuuuucuggaaauugacgaug.....	1	0	c15
.....uacaugguccguuucuauaaa.....	1	0	c15
.....uacaugguccguuucuauaaag.....	1	0	c15
.....augguccguuucuauaaagauau.....	1	0	c15
.....ugguccguuucuauaaagaua.....	1	0	c15
.....ugguccguuucuauaaagauau.....	9	0	c15
.....ugAuccguuucuauaaagauau.....	4	1	c15
.....ugguccguuucuauaaagauauU.....	1	1	c15
.....aauucuuucuggaaauugacgaug.....	2	0	c09
.....auucuuucuggaaauugacg.....	1	0	c09
.....auucuuucuggaaauugacgau.....	2	0	c09
.....auucuuucuggaaauugacgaug.....	3	0	c09
.....uucuuuucuggaaauugac.....	3	0	c09
.....uucuuuucuggaaauugacg.....	2	0	c09
.....uucuuuucuggaaauugacga.....	6	0	c09
.....Gucuuuucuggaaauugacgau.....	3	1	c09
.....uucuuuucuggaaauugacgau.....	12	0	c09
.....Aucuuuucuggaaauugacgau.....	1	1	c09
.....uucuuuucuggaaauCgacgaug.....	1	1	c09
.....Gucuuuucuggaaauugacgaug.....	14	1	c09
.....uucuuuucuggaaaAugacgaug.....	2	1	c09
.....uucuuuucuggaaauugacgaug.....	173	0	c09
.....uucuuuccCggaaauugacgaug.....	1	1	c09
.....uuAuuuucuggaaauugacgaug.....	1	1	c09
.....uucuuuucuggaaauugacgaugG.....	1	1	c09
.....uucuuuucuggaaauugacgaugA.....	3	1	c09
.....Gucuuuucuggaaauugacgaugu.....	1	1	c09
.....uucuuuucuggaaauugacgaugu.....	10	0	c09
.....ucuuuucuggaaauugacgaug.....	1	0	c09
.....cuuuucuggaaauugacgau.....	1	0	c09
.....cuuuucuggaaauugacgaug.....	2	0	c09
.....Guucuggaaauugacgaug.....	1	1	c09
.....uuucuggaaauugacgaug.....	9	0	c09
.....uuucuggaUauugacgaug.....	1	1	c09
.....uucuggaaauugacgaug.....	1	0	c09
.....augAuccguuucuauaaagauau.....	2	1	c09
.....ugguccguuucuauaaag.....	2	0	c09
.....Ggguccguuucuauaaagauau.....	1	1	c09
.....ugAuccguuucuauaaagauau.....	1	1	c09
..guuuaaaccggacuguaauuc.....	1	0	c16
.....aauucuuucuggaaauugacga.....	1	0	c16
.....aauucuuucuggaaauugacgaug.....	4	0	c16
.....aauucuuucugCaaauugacgaug.....	1	1	c16
.....auucuuucuggaaauugacgau.....	6	0	c16
.....Cuucuuucuggaaauugacgaug.....	1	1	c16
.....auCcuuucuggaaauugacgaug.....	1	1	c16

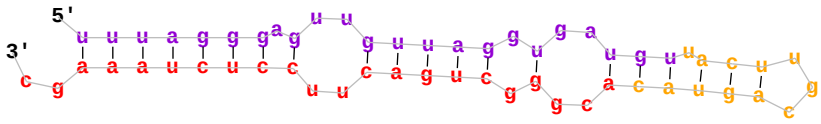
Mature Star

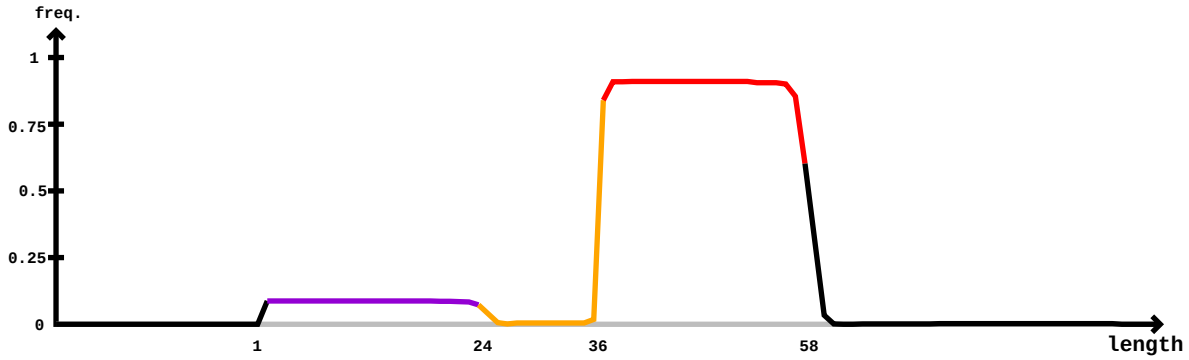
auguuuaaaccggacuguaauucuuucuggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac

..................Guucuuucuggaaauugacgaug.....	1	1	c16
..................auucuuucuggaaauugacgaug.....	15	0	c16
..................auucuuucuggaaauugacgaugA.....	1	1	c16
..................uucuuucuggaaauugacg.....	3	0	c16
..................Gucuuucuggaaauugacg.....	1	1	c16
..................uucuuucuggaaauugacga.....	10	0	c16
..................Gucuuucuggaaauugacga.....	1	1	c16
..................Gucuuucuggaaauugacgau.....	6	1	c16
..................uucuuucuggaaauugacgau.....	37	0	c16
..................uucuuucuggaaauugaAgaug.....	1	1	c16
..................uucuCucuggaaauugacgaug.....	1	1	c16
..................uucuAucuggaaauugacgaug.....	1	1	c16
..................uucuuucuggaaauugacgaug.....	543	0	c16
..................uucuuucuggaaUuugacgaug.....	1	1	c16
..................uucuuucuCgaaauugacgaug.....	1	1	c16
..................uucuuAcuggaaauugacgaug.....	1	1	c16
..................Gucuuucuggaaauugacgaug.....	56	1	c16
..................uucAuucuggaaauugacgaug.....	1	1	c16
..................uucuuucuggaaauugacgauU.....	1	1	c16
..................uucuuucuggaaauugaGgaug.....	1	1	c16
..................Aucuuucuggaaauugacgaug.....	2	1	c16
..................uucuuucuggaaauugacgauUu.....	1	1	c16
..................Gucuuucuggaaauugacgaugu.....	2	1	c16
..................uucuuucuggaaauugacgaugA.....	1	1	c16
..................uucuuucuggaaauugacgaugu.....	29	0	c16
..................uucuuucuggaaauugacgauguA.....	3	1	c16
..................uucuuucuggaaauugacgauguu.....	3	0	c16
..................uucuuucuggaaauugacgauguC.....	1	1	c16
..................uucuuucuggaaauugacgaugGu.....	1	1	c16
..................uucuuucuggaaauugacgauguAa.....	2	1	c16
..................Gcuuucuggaaauugacgaug.....	1	1	c16
..................ucuuucuggaaauugacgaugu.....	1	0	c16
..................cuuucuggaaauugacgaug.....	1	0	c16
..................uuucuggaaauugacgau.....	2	0	c16
..................uuucuggaaauugacgaug.....	19	0	c16
..................uuuGuggaaauugacgaug.....	1	1	c16
..................uuucuCgaaauugacgaug.....	1	1	c16
..................uuucuggaaauugacgaugG.....	1	1	c16
...................uucuggaaauugacgaug.....	1	0	c16
...................ucuggaaauugacgaugA.....	1	1	c16
....acucgaaguacaugAuccguuucua.....	1	1	c16
....uacaugguccguuucuauaaag.....	1	0	c16
....ugAuccguuucuauaaag.....	1	1	c16
....ugguccguuucuauaaaga.....	1	0	c16
....ugguccguuucuauaaagauau.....	4	0	c16
....ugAuccguuucuauaaagauau.....	1	1	c16
....ugguccguuucuauaaagauaucU.....	1	1	c16
....aaagauaucaguccggggacauucuuc.....	1	0	c16

..................auucuuucuggaaauugacgau.....	1	0	c04
..................auucuuucuggaaauugacgaug.....	1	0	c04
..................uucuuucuggaaauugacg.....	1	0	c04
..................uucuuucuggaaauugacga.....	1	0	c04
..................Gucuuucuggaaauugacgau.....	1	1	c04
..................uucuuucuggaaauugacgau.....	2	0	c04
..................Gucuuucuggaaauugacgaug.....	5	1	c04
..................uucuuucuggaaauugacgaug.....	56	0	c04
..................uucuuucuggaaauugacgaGg.....	1	1	c04
..................uucuuucuggaaauugacgaugu.....	3	0	c04
..................uucuuucuggaaauugacgaugG.....	1	1	c04
..................uucuuucuggaaauugacgaugA.....	1	1	c04
..................uucuuucuggaaauugacgauguC.....	1	1	c04
..................uucuuucuggaaauugacgauguAa.....	1	1	c04
..................ucuuucuggaaauugacgaugu.....	1	0	c04
..................cuuucuggaaauugacgaug.....	2	0	c04
..................uuucuggaaauugacgaug.....	2	0	c04
....ucgaaguacaugguccguuucuau.....	1	0	c04
....ugguccguuucuauaaagaua.....	1	0	c04

Provisional ID	:	group19_29787
Score total	:	417.8
Score for star read(s)	:	3.9
Score for read counts	:	411.6
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	819
Mature read count	:	747
Loop read count	:	0
Star read count	:	72





Star **Mature**

```
5'- uuucaaaaccggucugucgcuuuagggaguuguuaggugauguuacuugcaguacacgggcugacuuccucuaaagcagcaguccugguacauucuucaaagacuucuacaug  -3'   obs
    uuucaaaaccggucugucgcuuuagggaguuguuaggugauguuacuugcaguacacgggcugacuuccucuaaagcagcaguccugguacauucuucaaagacuucuacaug        exp
    .....(((((.((((.((((((((((.(..(((((.(..(((.(((...)))))))..).)))))..)))))))))).))))..)).)))..................................  reads    mm       sample
    ..................Guuagggaguuguuaggugaug.....................................................................................  1        1        c16
    ..................uuuagggaguuguuaggugaug.....................................................................................  2        0        c16
    ..................uuuagggaguuguCaggugaug.....................................................................................  2        1        c16
    ..................uuuagCgaguuguuaggugaugu....................................................................................  1        1        c16
    ..................Guuagggaguuguuaggugaugu....................................................................................  1        1        c16
    ..................uuuagggaguuguuaggugaugu....................................................................................  10       0        c16
    ..................uuuagggaguuguCaggugaugu....................................................................................  2        1        c16
    ..................uuuagggaguuguuaggugauguu...................................................................................  2        0        c16
    ..................uuuagggaguuguCaggugauguu...................................................................................  1        1        c16
    ..................uuuagggaguuguuaggugauguAa..................................................................................  1        1        c16
    ..................uuuagggaguuguuaggugauguuaU.................................................................................  1        1        c16
    ..............................................uugcaAuacacgggcugacuuccuc.....................................................  4        1        c16
    ..............................................cacgggcugacuuccucuaCag.........................................................  1        1        c16
    ..............................................cacgggcugacuuccucuaaag.........................................................  1        0        c16
    ..............................................acgggcugacuuccucuaCa...........................................................  10       1        c16
    ..............................................Ccgggcugacuuccucuaaag..........................................................  2        1        c16
    ..............................................acgggcugacuuccucuaGag..........................................................  1        1        c16
    ..............................................acgggcugacuuccucuaCag..........................................................  46       1        c16
    ..............................................acgggcugacuuccucuaaag..........................................................  8        0        c16
    ..............................................acgggcugacuuccucuaaagc.........................................................  6        0        c16
    ..............................................acgggcugacuuccucuaaagA.........................................................  1        1        c16
    ..............................................acgggcugacuuccucuaCagc.........................................................  18       1        c16
    ..............................................Ccgggcugacuuccucuaaagc.........................................................  2        1        c16
    ..............................................acgggcugacuuccucuaaagca........................................................  1        0        c16
    ..............................................acgggcugacuuccucuaCagca........................................................  5        1        c16
    ..............................................cgggcugacuuccucuaCag...........................................................  1        1        c16
    ..............................................cgggcugacuuccucuaCagca.........................................................  7        1        c16
    ..............................................cgggcugacuuccucuaCagcag........................................................  8        1        c16
    ..................................................................................cauucuucaaagacuucua....                  1        0        c16

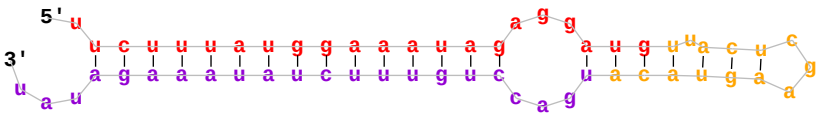
    ..............................................acgggcugacuuccucuaCag.........................................................  3        1        c04
    ..............................................acgggcugacuuccucuaCagc........................................................  3        1        c04
    ..................................................................................uccugguacauucuucaaagacuucua....           1        0        c04
```

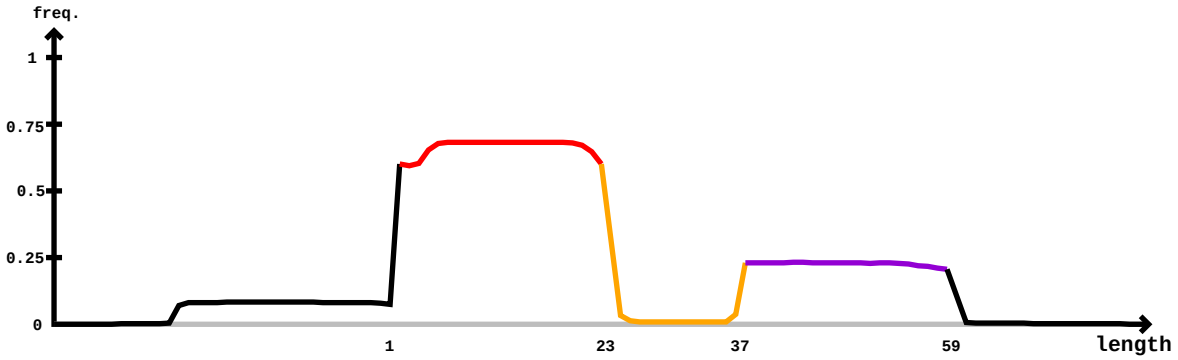
Star Mature

uuucaaaaccggucugucgcuuuagggaguuguuaggugauguuacuugcaguacacgggcugacuuccucuaaagcagcaguccugguacauucuucaaagacuucuacaug

.....uuuagAgaguuguuaggu.....	1	1	c09
.....uuuagggaguuguuagguga.....	1	0	c09
.....uuuagggaguuguuaggugaugu.....	2	0	c09
.....cacgggcugacuuccucuaaag.....	1	0	c09
.....acgggcugacuuccucuaCa.....	3	1	c09
.....acgggcugacuuccucuaaag.....	4	0	c09
.....acgggcugacuuccucuaCag.....	17	1	c09
.....acgggcugacuuccucuaCagc.....	10	1	c09
.....acgggcugacuuccucuaaagc.....	2	0	c09
.....Ccgggcugacuuccucuaaagca.....	1	1	c09
.....cgggcugacuuccucuaCagc.....	1	1	c09
.....cgggcugacuuccucuaCagca.....	3	1	c09
.....cgggcugacuuccucuaCagcag.....	2	1	c09
.....uuuagggaguuguuaggugau.....	1	0	c15
.....uuuagggaguuguCaggugaug.....	1	1	c15
.....uuuagggaguuguuaggugaug.....	3	0	c15
.....uuuagggaguuguCaggugaugu.....	2	1	c15
.....uuuagggaguuguuaggugaugu.....	27	0	c15
.....uuuagggaguuguuaggugaugA.....	1	1	c15
.....uuuagggaguuguuaggugauguu.....	2	0	c15
.....uuuagggaguuguuaggugauguua.....	3	0	c15
.....cacgggcugacuuccucuaaa.....	1	0	c15
.....caUgggcugacuuccucuaaa.....	1	1	c15
.....cacgggcugacuuccucuaaag.....	1	0	c15
.....cacgggcugacuuccucuaaagc.....	4	0	c15
.....acgggcugacuuccucuaC.....	3	1	c15
.....acgggcugacuuccucuaCa.....	16	1	c15
.....acgggcugacuuccucuaaa.....	2	0	c15
.....acgggcugacuuccucuaaag.....	27	0	c15
.....acgggcugacuuccucuaCag.....	79	1	c15
.....acgggcugacuuccucuaaagc.....	83	0	c15
.....acgggcugacuuccucuaaagU.....	2	1	c15
.....acgggcCgacuuccucuaaagc.....	1	1	c15
.....acgggcugacuuccucuaCagc.....	278	1	c15
.....aUgggcugacuuccucuaaagc.....	5	1	c15
.....acgggcugacuuccucuaaagcU.....	6	1	c15
.....acgggcugacuuccucuaaagca.....	1	0	c15
.....acgggcugacuuccucuaCagca.....	7	1	c15
.....Ugggcugacuuccucuaaag.....	1	1	c15
.....cgggcugacuuccucuaCagc.....	3	1	c15
.....cgggcugacuuccucuaaagc.....	1	0	c15
.....cgggcugacuuccucuaCagca.....	10	1	c15
.....Ugggcugacuuccucuaaagca.....	1	1	c15
.....cgggcugacuuccucuaCagcag.....	17	1	c15
.....cgggcugacuuccucuaCagcagc.....	1	1	c15
.....ggAugacuuccucuaaagc.....	1	1	c15
.....uuuagggaguuguuaggugaugu.....	4	0	c02
.....cacgggcugacuuccucuaCag.....	1	1	c02
.....acgggcugacuuccucuaC.....	1	1	c02
.....acgggcugacuuccucuaCa.....	4	1	c02
.....Ccgggcugacuuccucuaaa.....	1	1	c02
.....acgggcugacuuccucuaaag.....	4	0	c02
.....acgggcugacuuccucuaCag.....	10	1	c02
.....acgggcugacuuccucuaaagc.....	1	0	c02
.....acgggcugacuuccucuaCagc.....	4	1	c02
.....cgggcugacuuccucuaCagca.....	1	1	c02

Provisional ID	:	group19_29790
Score total	:	210.8
Score for star read(s)	:	3.9
Score for read counts	:	204.1
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	412
Mature read count	:	311
Loop read count	:	0
Star read count	:	101





Mature **Star**

```
5'- cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg  -3'   obs
    cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg        exp
    .............(((((((...(((((((....((((((((((((((...((((.(((...)))))))...)))))))))))))))...)))))))))))).....   reads     mm     sample
    ................................uuUuuuauggaaauagaggaug.....................................................   1         1      c15
    ................................uucuuuauggaaauagaggaug.....................................................   45        0      c15
    ................................uucuuuauggaaauagaUgaug.....................................................   1         1      c15
    ................................uucuuuauggaaauagaggauU.....................................................   1         1      c15
    ................................uucuuuauggaaauagaggaugA....................................................   2         1      c15
    ................................uucuuuauggaaauagaggaugu.....................................................   10        0      c15
    ..............................................................uuacucgaaguacaugaccuguuucuauaU.....................   1         1      c15
    ...................................................................augaccuguuucuauaaagauau...................   4         0      c15
    ...................................................................ugaccuguuucuauaaag........................   1         0      c15
    ...................................................................ugaccuguuucuauaaagau......................   1         0      c15
    ...................................................................ugaccuguuucuauaaagauau....................   55        0      c15
    ...................................................................ugaccugGuucuauaaagauau....................   1         1      c15
    ...................................................................ugaUcuguuucuauaaagauau....................   5         1      c15
    ...................................................................ugaccuguuucuauaaagauauU...................   16        1      c15
    ...................................................................ugaccuguuucuauaaagauauUa..................   1         1      c15

    ................................auucuuuauggaaauagaggaug.....................................................   1         0      c02
    ................................uucuuuauggaaauagagga.......................................................   1         0      c02
    ................................uucuuuauggaaauagaggC.......................................................   1         1      c02
    ................................uucuuuauggaaauagaggaug.....................................................   5         0      c02
    ................................Gucuuuauggaaauagaggaug.....................................................   1         1      c02
    ................................uucuuuauggaaauagaggaugu....................................................   2         0      c02
    ..................................uuuauggaaauagaggaug.....................................................   3         0      c02
    ..................................Guuauggaaauagaggaug.....................................................   1         1      c02
    ..................................uuuauggaaauagaggaugu....................................................   1         0      c02
    .................................uuauggaaauagaggaug.......................................................   1         0      c02
    ...................................................................augaUcuguuucuauaaag.......................   1         1      c02
    ...................................................................augaUcuguuucuauaaagauau...................   1         1      c02
    ...................................................................ugaccuguuucuauaaagauau....................   1         0      c02

    ..........cagauCuuuaaaccggacugu...........................................................................   1         1      c16
    ..........cagauguuuaaaccggacugua..........................................................................   3         0      c16
    ..........cagauguuuaaacAggacugua..........................................................................   1         1      c16
```

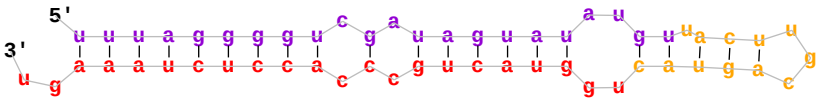
Mature Star

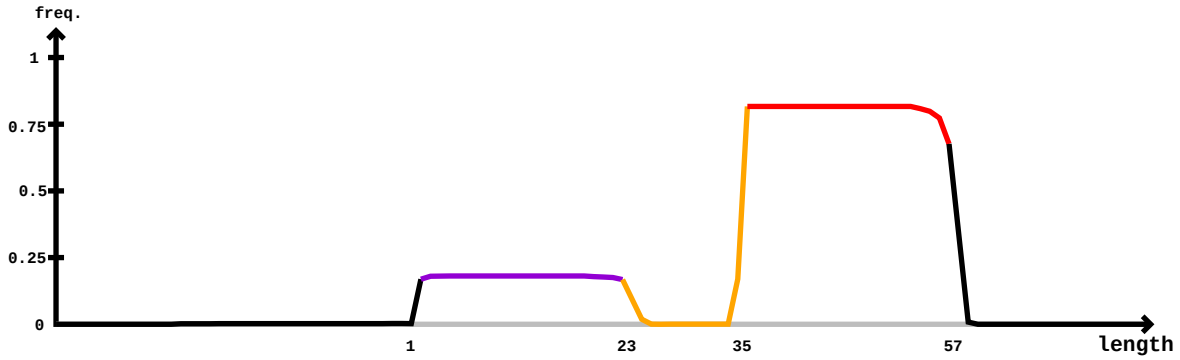
```
cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggauguuacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg
..........cagauguuuaaaccggacuguaau.....................................................................  4  0  c16
..........cagauguuuaaaccggacuguaauu....................................................................  3  0  c16
..........cagauguuuaaaccggacuguaaGuc...................................................................  1  1  c16
..........cagauguuuaaaccggacuguaauuc...................................................................  13  0  c16
..........cagauguuuaaaccggacuguaaGucu..................................................................  1  1  c16
..........cagauguuuaaaccggacuguaauucu..................................................................  3  0  c16
...........agauguuuaaaccggacuguaauu.....................................................................  2  0  c16
...........agauguuuaaaccggacuguaauuc....................................................................  1  0  c16
...........agauguuuaaaccggacuguaauucu...................................................................  1  0  c16
.............guuuaaaccggacuguaauuc.....................................................................  1  0  c16
.................................auucuuuauggaaauagaggaugu..............................................  1  0  c16
.................................uucuuuauggaaauagagg....................................................  2  0  c16
.................................Gucuuuauggaaauagagg....................................................  1  1  c16
.................................uucuuuauggaaauagagga...................................................  4  0  c16
.................................Gucuuuauggaaauagaggau..................................................  3  1  c16
.................................uucuuuauggaaauagaggau..................................................  9  0  c16
.................................uucuuuauggaaauagaUgau..................................................  1  1  c16
.................................Gucuuuauggaaauagaggaug.................................................  5  1  c16
.................................uucuuuauggaaauagaggUug.................................................  1  1  c16
.................................uucuuuauggaaauagaAgaug.................................................  2  1  c16
.................................uucuuuauggaaauagaggaug.................................................  63  0  c16
.................................Gucuuuauggaaauagaggaugu................................................  4  1  c16
.................................uucuuuauggaaauagaggaugu................................................  23  0  c16
.................................uucuuuauggaaauaUaggaugu................................................  1  1  c16
.................................uucuuuauggaaauagaggauguA...............................................  5  1  c16
.................................Gucuuuauggaaauagaggauguu...............................................  1  1  c16
.................................uucuuuauggaaauagaggauguAa..............................................  2  1  c16
..................................uUuuuauggaaauagaggaugu................................................  1  1  c16
...................................Guuuauggaaauagaggaug.................................................  1  1  c16
...................................cuuuauggaaauagaggaug.................................................  1  0  c16
...................................cuuuauggaaauagaggaugA................................................  1  1  c16
...................................cuuuauggaaauagaggaugu................................................  1  0  c16
.....................................uuuauggaaauaAaggau.................................................  1  1  c16
.....................................uuuauggaaauagaggau.................................................  3  0  c16
.....................................uuuauggaaauagaggaug................................................  10  0  c16
....................................Guuauggaaauagaggaug.................................................  2  1  c16
.....................................uuuauggaaauagaggaugu...............................................  9  0  c16
......................................uuauggaaauagaUgaug.................................................  1  1  c16
.....................................Auauggaaauagaggaug..................................................  1  1  c16
......................................uuauggaaauagaggaug.................................................  5  0  c16
......................................uuauggaaauagaggauguC................................................  1  1  c16
......................................uuauggaaauagaggauguA................................................  2  1  c16
.......................................uauggaaauagaggaugu.................................................  1  0  c16
.............................................................acucgaaguacaugaccug.........................  1  0  c16
..............................................................Ccucgaaguacaugaccuguuucua..................  1  1  c16
................................................................ucgaaguacaugaUcuguuucuauaaa.............  1  1  c16
....................................................................augaUcuguuucuauaaagauau...............  2  1  c16
.....................................................................ugaccuguuucuauaaagau.................  1  0  c16
.....................................................................ugaccuguuucuauaaagaua................  1  0  c16
.....................................................................ugaUcuguuucuauaaagauau...............  1  1  c16
......................................................................Ggaccuguuucuauaaagauau...............  1  1  c16
.....................................................................uguuucuauaaagauaucaguccgg.............  1  0  c16
.....................................................................aaagauaucaguccggagacauucuu..  1  0  c16

.....cuacaucagauguuuaaaccg..............................................................................  1  0  c04
.........ucagauguuuaaaccggacuguaauuc....................................................................  1  0  c04
...........agauguuuaaaccggacuguaauu.....................................................................  1  0  c04
.................................uucuuuauggaaauagagga...................................................  1  0  c04
.................................uucuuuauggaaauagaggaug.................................................  10  0  c04
.................................Gucuuuauggaaauagaggaug.................................................  1  1  c04
.................................uucuuuauggaaauagaggaugu................................................  3  0  c04
.................................uucuuuauggaaauagaggauguA...............................................  1  1  c04
...................................cuuuauggaaauagaggaug.................................................  1  0  c04
.....................................uuuauggaaauagaggaug.................................................  1  0  c04
.....................................uuuauggaaauagaggaugu................................................  1  0  c04
.....................................uuuauggaaauagaggauguA...............................................  1  1  c04
.....................................uuauggaaauagaggaug..................................................  2  0  c04
....................................Guauggaaauagaggaugu..................................................  1  1  c04
.....................................uuauggaaauagaggaugu..................................................  1  0  c04
......................................uauggaaauagaggaugu...................................................  1  0  c04
```

.....uucuuuauggaaauagag.....	1	0	c09
.....uucuuuauggaaauagagg.....	1	0	c09
.....Gucuuuauggaaauagagga.....	1	1	c09
.....uucuuuauggaaauagagga.....	3	0	c09
.....uucuuuauggaaauagaggau.....	2	0	c09
.....Gucuuuauggaaauagaggaug.....	2	1	c09
.....uucuuuauggaaauagaggaug.....	13	0	c09
.....uucuuuauggaaauagaggauU.....	1	1	c09
.....uucuuuauggaaauagaggaugu.....	3	0	c09
.....cuuuauggaaauagaggau.....	1	0	c09
.....cuuuauggaaauagaggaug.....	4	0	c09
.....uuuauggaaauagaggau.....	1	0	c09
.....uuuauggaaauagaggaug.....	3	0	c09
.....Guuauggaaauagaggaugu.....	1	1	c09
.....uuuauggaaauagaggaugu.....	1	0	c09
.....uuuauggaaauagaggauguuUc.....	1	1	c09
.....uuauggaaauagaggaug.....	1	0	c09
.....augaccuguuucuauaaag.....	1	0	c09
.....augaccuguuucuauaaaAau.....	1	1	c09
.....augaccuguuucuauaaagauau.....	1	0	c09
.....augaUcuguuucuauaaagauau.....	1	1	c09
.....augaccuguuucuauaaagauauU.....	1	1	c09
.....ugaccuguuucuauaaaga.....	1	0	c09
.....ugaUcuguuucuauaaagaua.....	1	1	c09
.....ugaccuguuucuauaaagauau.....	1	0	c09

Provisional ID	:	group19_29792
Score total	:	1053.2
Score for star read(s)	:	3.9
Score for read counts	:	1046.8
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	2065
Mature read count	:	1691
Loop read count	:	0
Star read count	:	374





Star **Mature**

```
5'- cugucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacugcccaccucuaaaguagcaguccugguucauuccu  -3'   obs
    cugucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacugcccaccucuaaaguagcaguccugguucauuccu        exp
    ...((((....))))......(((((((((((.(((((((((((.(.((((((..((.(((...))))))..))))))).)).)))))))))))).)))))))..))))....... reads      mm        sample
    .....................................uuuaggggucgauaguauaug.................................................... 1          0         c09
    .....................................uuuaggggucgauaguauaugu................................................... 5          0         c09
    ..........................................................................cugguacugcccaccucuaa..................... 1          0         c09
    ..........................................................................cugguacugcccaccucuaaa.................... 4          0         c09
    ..........................................................................cugguacugccCccucuaaag.................... 1          1         c09
    ..........................................................................cugguacugcccaccucuaaag................... 4          0         c09
    ..........................................................................cugguacugccCccucuaaagu................... 1          1         c09
    ..........................................................................cugguacugcccaccucuaaagG.................. 1          1         c09
    ..........................................................................cugguacugcccaccucuaaagu................... 10         0         c09
    ..........................................................................cugguacugcccaccucuaaaguU.................. 2          1         c09
    ........................................................................Ggguacugcccaccucua....................... 1          1         c09
    ........................................................................ugguacugcccaccucua....................... 2          0         c09
    ........................................................................ugguacugcccaccucuaa...................... 6          0         c09
    ........................................................................ugguacugcccaccucuaaa..................... 4          0         c09
    ........................................................................ugguacugcccaccucuaaag.................... 27         0         c09
    ........................................................................Ggguacugcccaccucuaaagu................... 6          1         c09
    ........................................................................Agguacugcccaccucuaaagu................... 1          1         c09
    ........................................................................ugguacugccCccucuaaagu................... 1          1         c09
    ........................................................................ugguacugcccaccucuaaagu................... 114        0         c09
    ........................................................................ugguacugcAcaccucuaaagu................... 1          1         c09
    ........................................................................ugguacugAccaccucuaaagu................... 1          1         c09
    ........................................................................ugCuacugcccaccucuaaagu................... 2          1         c09
    ........................................................................ugguacugccAaccucuaaagu................... 1          1         c09
    ........................................................................ugguacugcccaccucuaaaguU.................. 3          1         c09
    ........................................................................ugguacugcccaccucuaaagua.................. 3          0         c09
    ........................................................................ugguacugcccaccucuaaaguaA................. 1          1         c09

    ................................cgcuuuaggggucgauaguaua.................................................... 1          0         c04
    ................................uuuaggggucgauaguaua....................................................... 1          0         c04
    ................................Guuaggggucgauaguauaugu.................................................... 3          1         c04
    ................................uuuaggggucgauaguauaugu.................................................... 5          0         c04
    ................................uuuaggggucgauaguauauguu................................................... 1          0         c04
    ................................uuuaggggucgauaguauauguA................................................... 7          1         c04
```

Star Mature

cugucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacugcccaccucuaaaguagcaguccugguucauuccu

.....uuuaggggucgauaguauauguAa.....	2	1	c04
.....cugguacugcccaccucuaaa.....	1	0	c04
.....ugguacugcccaccucuaaag.....	1	0	c04
.....ugguacugcccaccucuaaagu.....	25	0	c04
.....Ggguacugcccaccucuaaagu.....	1	1	c04
.....ugguacugcccaccucuaaagua.....	1	0	c04
..........aagaauuucaaaaccggauugucg.....	1	0	c16
..........aagaauuucaaaaccggauugucgc.....	2	0	c16
..........aagaauuucaaaaccggauugucgcuu.....	1	0	c16
..............auuucaaaaccggauugucgcu.....	1	0	c16
.....uuuaggggucgauaguau.....	4	0	c16
.....Guuaggggucgauaguau.....	1	1	c16
.....uuuaggggucgauaguaua.....	1	0	c16
.....uuuaggggucgauaguauau.....	1	0	c16
.....uuuaggggucgauaguauaug.....	3	0	c16
.....uuuagggCucgauaguauaugu.....	1	1	c16
.....Guuaggggucgauaguauaugu.....	9	1	c16
.....uuuaggggucgauaguauaugu.....	56	0	c16
.....uCuaggggucgauaguauaugu.....	1	1	c16
.....uuuaggggucgauaguauauguA.....	8	1	c16
.....uuuaggggucgauaguauauguu.....	5	0	c16
.....uuuaggggucgauaguauauguG.....	1	1	c16
.....uuuaggggucgauaguauauguua.....	1	0	c16
.....uuuaggggucgauaguauauguAa.....	3	1	c16
.....uuaggggucgauaguauauguua.....	2	0	c16
.....uaggggucgauaguauauguua.....	1	0	c16
.....ugcaguacugguacugcccaccucua.....	1	0	c16
.....cugguacugcccaccucua.....	3	0	c16
.....cuggAacugcccaccucuaa.....	1	1	c16
.....cugguacugcccaccucuaa.....	6	0	c16
.....cugguacugcccaccucuaaa.....	11	0	c16
.....cugguacugcccaccucuaaag.....	20	0	c16
.....cugguacugcccCccucuaaag.....	1	1	c16
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.....cugguacugcccaccucuaaagua.....	10	0	c16
.....cugguacugcccaccucuaaaguaA.....	5	1	c16
.....ugguacugcccaccucua.....	4	0	c16
.....ugguacugcccaccucuaa.....	5	0	c16
.....Ggguacugcccaccucuaaa.....	1	1	c16
.....ugguacAgcccaccucuaaa.....	1	1	c16
.....ugguacugcccaccucuaaa.....	9	0	c16
.....Ggguacugcccaccucuaaag.....	2	1	c16
.....ugguacugcccaccuGuaaag.....	1	1	c16
.....ugguacugcccaccucuaaag.....	19	0	c16
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.....Agguacugcccaccucuaaagu.....	1	1	c16
.....ugCuacugcccaccucuaaagu.....	1	1	c16
.....ugAuacugcccaccucuaaagu.....	1	1	c16
.....Ggguacugcccaccucuaaagu.....	18	1	c16
.....ugguacugcccCccucuaaagu.....	1	1	c16
.....ugguacAgcccaccucuaaagu.....	1	1	c16
.....ugguacugcAcaccucuaaagu.....	1	1	c16
.....ugguacugcccaccucuaaagu.....	268	0	c16
.....Ggguacugcccaccucuaaagua.....	2	1	c16
.....ugguacugcccaccucuaaagua.....	12	0	c16
.....ugguacugcccaccucuaaaguU.....	4	1	c16
.....ugguacugcccaccucuaaaguG.....	3	1	c16
.....ugguacugcccaccucuaaaguaA.....	10	1	c16
.....uuuaggggucgauaguauau.....	1	0	c15
.....uuuaggggucgauaguauaug.....	10	0	c15
.....uuuagggAucgauaguauaugu.....	1	1	c15
.....uuuaggggucgauagCauaugu.....	1	1	c15
.....uuuaggggucgauaguauaugu.....	154	0	c15
.....uGuaggggucgauaguauaugu.....	1	1	c15
.....uCuaggggucgauaguauaugu.....	1	1	c15
.....uuuaggggucgUuaguauaugu.....	1	1	c15
.....uuuaggggAcgauaguauaugu.....	1	1	c15
.....uuuaggggucgauaguauaugA.....	1	1	c15

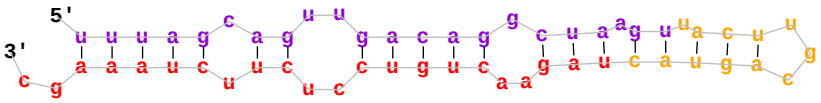
Star Mature

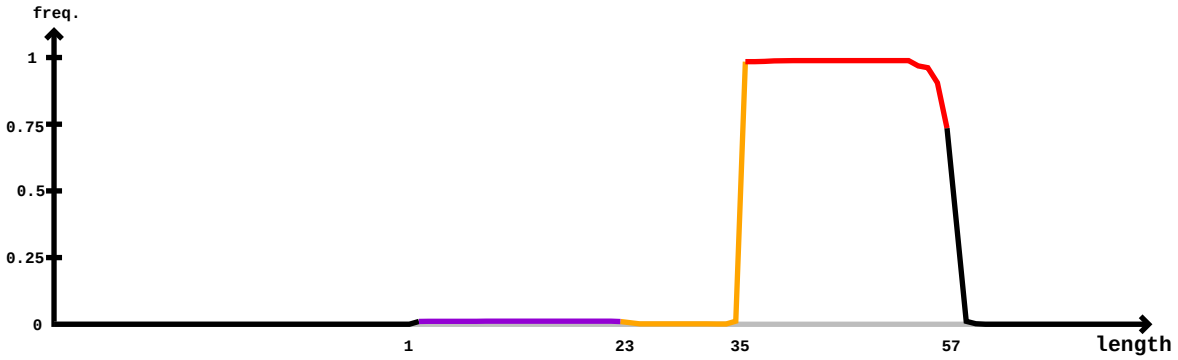
cugucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacugcccaccucuaaaguagcaguccugguucauuccu

.....uuuaggggucgauaguauauguA.....	4	1	c15
.....uuuaggggucgauaguauauguu.....	5	0	c15
.....uuuaggggucgauaguauauguuU.....	6	1	c15
.....uuuaggggucgauaguauauguua.....	4	0	c15
.....uuaggggucgauaguauauguu.....	2	0	c15
.....uuaggggucgauaguauauguua.....	18	0	c15
.....uuaggggucgauaguauauguuaU.....	1	1	c15
.....uaggggucgauaguauauguua.....	1	0	c15
.....aggggucgauaguauaugu.....	1	0	c15
.....cugguacugcccaccucuaaa.....	10	0	c15
.....cugguacugcccaccucCaaa.....	1	1	c15
.....cugguacugcccacUucuaaag.....	1	1	c15
.....cugguacugcccaccucuaaag.....	52	0	c15
.....Uugguacugcccaccucuaaag.....	1	1	c15
.....cugguacugcccUccucuaaagu.....	1	1	c15
.....cugguacugcccaccucuaaUgu.....	1	1	c15
.....cugguacugcccaccucuaaagA.....	2	1	c15
.....cugguacugcccaccucuaaagu.....	97	0	c15
.....cugguacugcccaccucuaaaguU.....	2	1	c15
.....cugguacugcccaccucuaaagua.....	2	0	c15
.....ugguacugcccaccucua.....	1	0	c15
.....ugguacugcccaccucuaaa.....	2	0	c15
.....Cgguacugcccaccucuaaag.....	1	1	c15
.....ugguacugcccaccucuaaag.....	43	0	c15
.....ugguacugcccaccucuaaaC.....	1	1	c15
.....ugguacugcccaccucuaaaA.....	1	1	c15
.....ugguacugcccaccucuaaagC.....	1	1	c15
.....uggAacugcccaccucuaaagu.....	1	1	c15
.....ugguacugcccaccucuaaGgu.....	1	1	c15
.....ugguacugcccaUcucuaaagu.....	2	1	c15
.....ugguacugcccaGcucuaaagu.....	1	1	c15
.....ugguacugcccaccucuaaCgu.....	1	1	c15
.....ugguacugcccaccucCaaagu.....	1	1	c15
.....ugguacugcccaccucuaaagu.....	534	0	c15
.....ugguacugcccaccucuGaagu.....	1	1	c15
.....ugguacugcccaccucuaaagua.....	6	0	c15
.....ugguacugcccaccucuaaaguU.....	10	1	c15

.....uuuaggggucgauaguauau.....	1	0	c02
.....Guuaggggucgauaguauaug.....	1	1	c02
.....uuuaggggucgauaguauaug.....	1	0	c02
.....Guuaggggucgauaguauaugu.....	4	1	c02
.....uuuaggggucgauaguauaugu.....	27	0	c02
.....uuuaggggucgauaguauauguu.....	1	0	c02
.....uuuaggggucgauaguauauguA.....	1	1	c02
.....uuaggggucgauaguauau.....	1	0	c02
.....cugguacugcccaccucuaa.....	1	0	c02
.....cugguacugcccaccucuaaa.....	7	0	c02
.....cugguacugcccaccucuaaag.....	3	0	c02
.....cugguacugcccaccucuaaaA.....	1	1	c02
.....cugguacugcccCccucuaaagu.....	1	1	c02
.....cugguacAgcccaccucuaaagu.....	1	1	c02
.....cugguacugcccaccucuaaagu.....	19	0	c02
.....ugguacugcccaccucua.....	5	0	c02
.....ugguacugcccaccucuaa.....	1	0	c02
.....ugguacugcccaccucuaaa.....	1	0	c02
.....Ggguacugcccaccucuaaag.....	1	1	c02
.....ugguacugcccaccucuaaag.....	20	0	c02
.....ugguacugAccaccucuaaagu.....	1	1	c02
.....Ggguacugcccaccucuaaagu.....	14	1	c02
.....ugguacugcccaccucuaaagu.....	113	0	c02
.....ugguacugcccCccucuaaagu.....	1	1	c02
.....ugguacugcAcaccucuaaagu.....	1	1	c02
.....ugguacugcccaccucuaaaguU.....	2	1	c02
.....ugguacugcccaccucuaaagua.....	4	0	c02
.....ugguacugcccaccucuaaaguaA.....	1	1	c02

Provisional ID	:	group19_29794
Score total	:	1056
Score for star read(s)	:	3.9
Score for read counts	:	1046.3
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2064
Mature read count	:	2043
Loop read count	:	0
Star read count	:	21





Star **Mature**

```
5'- gcugucuuaaagaagguuucaaaaccagucugucgcuuuagcaguugacaggcuaaguuacuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu  -3'   obs
    gcugucuuaaagaagguuucaaaaccagucugucgcuuuagcaguugacaggcuaaguuacuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu        exp
    .........(((((.((......(((((.((((.(((((((.((..(((((.(((.((.(((...)))))))))..)))))..)).)))))))..))))..)))))))..)))))  reads      mm         sample
    ....................................uuuagcaguugacaggcuaag.....................................................  1          0          c02
    ....................................uuuagcaguugacaggcuaagu....................................................  1          0          c02
    ....................................Guuagcaguugacaggcuaagu....................................................  1          1          c02
    ..........................................................cuagaacuguccucuucuaaa.....................  2          0          c02
    ..........................................................Gagaacuguccucuucua........................  1          1          c02
    ..........................................................uagaacuguccucuucua........................  6          0          c02
    ..........................................................uagaacuguccucuucuaa.......................  1          0          c02
    ..........................................................Gagaacuguccucuucuaaa......................  1          1          c02
    ..........................................................uagaacuguccucuucuaaa......................  21         0          c02
    ..........................................................Gagaacuguccucuucuaaag.....................  6          1          c02
    ..........................................................uagaacuguccucuucuaaag.....................  42         0          c02
    ..........................................................uagaacugucAucuucuaaag.....................  1          1          c02
    ..........................................................uagaacuguccucuucuGaagc....................  1          1          c02
    ..........................................................uagaacuguccucuucuaaCgc....................  1          1          c02
    ..........................................................Gagaacuguccucuucuaaagc....................  5          1          c02
    ..........................................................uagaacuguccucuucuaaagA....................  4          1          c02
    ..........................................................uagaacuguccucuuAuaaagc....................  1          1          c02
    ..........................................................uagaacuguccucuucuaaagc....................  79         0          c02
    ..........................................................uagaacuguccucuucuaaaCc....................  1          1          c02
    ..........................................................Aagaacuguccucuucuaaagc....................  2          1          c02
    ..........................................................uagaacugucGucuucuaaagc....................  1          1          c02
    ..........................................................uagaacuguccucAucuaaagc....................  1          1          c02
    ..........................................................uagCacuguccucuucuaaagc....................  1          1          c02
    ..........................................................uagaacuguccucuucuaaagca...................  6          0          c02
    ..........................................................uagaacuguccucuucuaaagcU...................  2          1          c02
    ..............................................................Cacuguccucuucuaaagcagc.................  1          1          c02

    ....................................uuuagcaguugacaggcuaagu....................................................  2          0          c15
    ....................................uuuagcaguugacaggcuaaguuacuugcaguac........................................  1          0          c15
    ..........................................................cuagaacuguccucuucuaa.....................  2          0          c15
    ..........................................................cuagaacuguccucuucuaaa....................  1          0          c15
    ..........................................................cuagaacuguccucuucuaaag...................  1          0          c15
    ..........................................................cuagaacuguccucuucuaaaA...................  1          1          c15
```

Star Mature

gcugucuuaaagaagguuucaaaaccagucugucgcuuuagcaguugacaggcuaaguuacuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu

.....cuagaacuguccucuucuaaagc.....	4	0	c15
.....cuagaacuguccucuucuaaagca.....	1	0	c15
.....uagaacuguccucuucuGaa.....	1	1	c15
.....uagaacuguccucuucuaaa.....	7	0	c15
.....uagaacuguccucuucuaaUg.....	1	1	c15
.....uagaacuguccucuuUuaaag.....	1	1	c15
.....uagaacugCccucuucuaaag.....	1	1	c15
.....uagaacuguccucuucuaaCg.....	1	1	c15
.....uagaacuguccucuucuaaaC.....	1	1	c15
.....uagaacuguccucuucuaaaA.....	4	1	c15
.....uagaacuguccucuucuaaag.....	153	0	c15
.....uagaacuguccucuucuaaagU.....	2	1	c15
.....uagaaGuguccucuucuaaagc.....	1	1	c15
.....uagaacuguccucuucuaaGgc.....	2	1	c15
.....uGgaacuguccucuucuaaagc.....	2	1	c15
.....uagaacugAccucuucuaaagc.....	1	1	c15
.....uagaacuguccucAucuaaagc.....	1	1	c15
.....uagaaAuguccucuucuaaagc.....	1	1	c15
.....uagaacuguccucuAcuaaagc.....	1	1	c15
.....uagaacugucUucuucuaaagc.....	1	1	c15
.....Gagaacuguccucuucuaaagc.....	1	1	c15
.....uagaacuguccucuucuaaagc.....	865	0	c15
.....uagaacuguccucuuAuaaagc.....	1	1	c15
.....uaUaacuguccucuucuaaagc.....	1	1	c15
.....uagaacuguccucuucuaaaAc.....	2	1	c15
.....uagaacuguccucuucuaaagA.....	4	1	c15
.....uagaacCguccucuucuaaagc.....	1	1	c15
.....uagaacuguccucuucuaaagcC.....	2	1	c15
.....uagaacuguccucuucuaaagca.....	13	0	c15
.....uagaacuguccucuucuaaagcG.....	1	1	c15
.....uagaacuguccucuucuaaagcU.....	18	1	c15

.....Guuagcaguugacaggcuaagu.....	1	1	c09
.....uuuagcaguugacaggcuaagu.....	1	0	c09
.....guugacaggcuaaguuacuugcag.....	1	0	c09
.....uagaacuguAcucuucua.....	1	1	c09
.....GagaacuguccucuucuaGaa.....	1	1	c09
.....uagaacuguccucuucua.....	19	0	c09
.....uagaacuguccucuucuaa.....	2	0	c09
.....uagaacuguccucuucuaaa.....	21	0	c09
.....GagaacuguccucuucuaaaC.....	2	1	c09
.....uagaacuguccucuucuaaaC.....	1	1	c09
.....uagaacuguccucuucuaaag.....	53	0	c09
.....uagaacugGccucuucuaaag.....	1	1	c09
.....Gagaacuguccucuucuaaag.....	1	1	c09
.....uagaacuguccucuucuaaagc.....	63	0	c09
.....uagaacuguccucuucuaaagU.....	1	1	c09
.....Gagaacuguccucuucuaaagc.....	4	1	c09
.....uagaacugucAucuucuaaagca.....	1	1	c09
.....uagaacuguccucuucuaaagca.....	10	0	c09
.....gaacuguccucuucuaaagc.....	1	0	c09

.....uuuagcaguugacaggcuaagu.....	2	0	c04
.....uagaacuguccucuucua.....	3	0	c04
.....uagaacuguccucuucuaaa.....	5	0	c04
.....Gagaacuguccucuucuaaa.....	1	1	c04
.....uagaacuguccucuucuaaag.....	3	0	c04
.....Gagaacuguccucuucuaaagc.....	5	1	c04
.....uagaacuguccucuucuaaagc.....	24	0	c04
.....uagaacuguccucuucuaaagcC.....	1	1	c04
.....uagaacugucAucuucuaaagca.....	1	1	c04
.....uagaacuguccucuucuaaagca.....	8	0	c04
.....uagaacuguccucuucuaaagcaA.....	7	1	c04
.....acuguccucuucuaaagc.....	1	0	c04
.....cuguccucuucuaaagca.....	1	0	c04

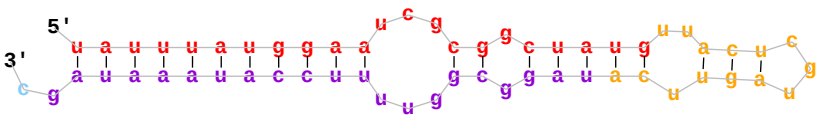
.....uuuagcaguugacaggcuaag.....	1	0	c16
.....uuuagcaguugacaggcuaagu.....	8	0	c16
.....Guuagcaguugacaggcuaagu.....	2	1	c16
.....uuuagcaguugacaggcuaaguuacuugcaguac.....	1	0	c16

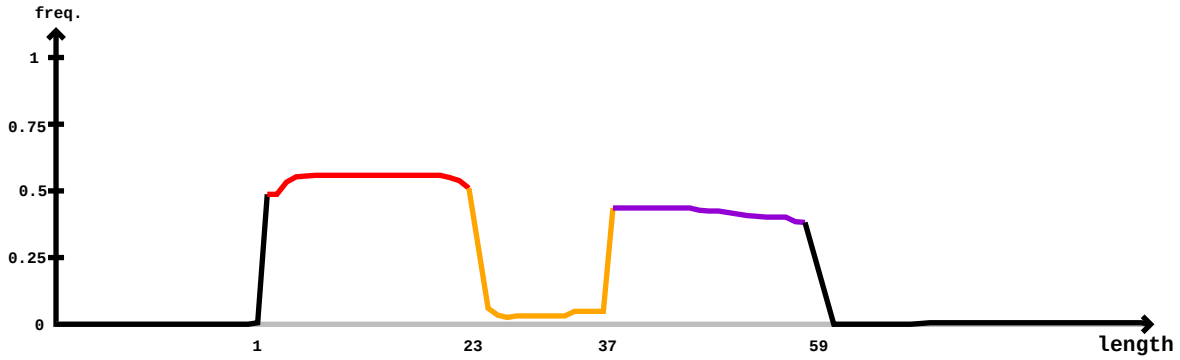
Star Mature

gcugucuuaaagaagguuucaaaaccagucugucgcuuuagcaguugacaggcuaaguuacuugcaguacuagaacuguccucuucuaaagcagcaguccugguacauucuu

.....uuagcaguugacaggcuaag.....	1	0	c16
.....cuagaacuguccucuucuaa.....	2	0	c16
.....cuagaacuguccucuucuaaa.....	1	0	c16
.....cuagaacuguccucuucuaaag.....	3	0	c16
.....cuagaacuguccucuucuaaagc.....	2	0	c16
.....cuagaacuguccucuucuaaagca.....	2	0	c16
.....Gagaacuguccucuucua.....	1	1	c16
.....uagaacuguccucuucua.....	9	0	c16
.....Cagaacuguccucuucuaa.....	1	1	c16
.....Gagaacuguccucuucuaa.....	1	1	c16
.....uagaacuguccucuucuaa.....	5	0	c16
.....Gagaacuguccucuucuaaa.....	6	1	c16
.....Aagaacuguccucuucuaaa.....	1	1	c16
.....uagaacuguccucuucAaaa.....	1	1	c16
.....uagaacuguccucuucuaaa.....	46	0	c16
.....uagaacuguccucuucuaaag.....	67	0	c16
.....Gagaacuguccucuucuaaag.....	10	1	c16
.....uagaacuguccucuucuaaUgc.....	2	1	c16
.....uagaacugucAucuucuaaagc.....	1	1	c16
.....Gagaacuguccucuucuaaagc.....	21	1	c16
.....uagaacuguccucuucuaaaCc.....	1	1	c16
.....uagaacuguccucuuAuaaagc.....	1	1	c16
.....uagaacuguccucuucuaaagU.....	1	1	c16
.....uagaacuguccucuucuaaagA.....	2	1	c16
.....uagCacuguccucuucuaaagc.....	4	1	c16
.....uagaacuCuccucuucuaaagc.....	2	1	c16
.....uagaacuguccucuucuaaagc.....	247	0	c16
.....uagaacuguccucuAcuaaagca.....	1	1	c16
.....uagCacuguccucuucuaaagca.....	1	1	c16
.....uagaacuguccucuucuaaagcU.....	5	1	c16
.....uagaacuguccucuucuaaagca.....	46	0	c16
.....Gagaacuguccucuucuaaagca.....	4	1	c16
.....uagaacuguccucuucuaaagcaA.....	11	1	c16
.....uagaacuguccucuucuaaagcag.....	1	0	c16
.....gaacuguccucuucuaaagc.....	1	0	c16
.....aacuguccucuucuaaagcagc.....	3	0	c16

Provisional ID	:	group19_29795
Score total	:	169.7
Score for star read(s)	:	3.9
Score for read counts	:	163.3
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	332
Mature read count	:	196
Loop read count	:	0
Star read count	:	136





Mature **Star**

```
5'- uguuuaagccuggcuguuguuauuuauggaaucgcggcuauguuacucguaguucauaggcgguuuuccauaaaauagcagccgugguauauucuucgaaggcacuuaugaug  -3'   obs
    uguuuaagccuggcuguuguuauuuauggaaucgcggcuauguuacucguaguucauaggcgguuuuccauaaaauagcagccgugguauauucuucgaaggcacuuaugaug        exp
    .(..((.((((((((((...((((((((((...((.(((((..(((...))).)))))).))...)))))))))))))))))).))).))..).....................  reads    mm    sample
    ...................uauuuauggaaucgcggcuau.....................................................................  1        0     c02
    ...................uauuuauggaaucgcggcuaug....................................................................  4        0     c02
    ...................uauuuauggaaucgUggcuaug....................................................................  1        1     c02
    ...................uauuuauggaaucgcggcuaugu...................................................................  1        0     c02
    ....................Guuauggaaucgcggcuaug.....................................................................  1        1     c02
    ....................uuuauggaaucgcggcuauguu...................................................................  3        0     c02
    ....................Guuauggaaucgcggcuauguu...................................................................  1        1     c02
    ....................uuauggaaucgcggcuau.......................................................................  1        0     c02
    ....................uuauggaaucgcggcuaug......................................................................  2        0     c02
    ..........................................................Gaggcgguuuuccauaaauag.....................................  1        1     c02
    ..........................................................uGggcgguuuuccauaaauag.....................................  1        1     c02
    ..........................................................uaggcgguuuuccauaaauag.....................................  1        0     c02
    ..........................................................uaggcgguuuuccauaaauagU....................................  1        1     c02
    ..........................................................uGggcgguuuuccauaaauagc....................................  2        1     c02
    ..........................................................uaggcgguuuuccauaaauagc....................................  2        0     c02
    ..........................................................uaggcgguuuuccauaaauagca...................................  1        0     c02

    ..................uuauuuauggaaucgcggcuaugu.................................................................  1        0     c15
    ..................uuauuuauggaaucgcggcuauguu................................................................  1        0     c15
    ..................uauuuauggaaucgcggcua.....................................................................  3        0     c15
    ..................uauuuauggaaucgcggcuau....................................................................  7        0     c15
    ..................uauuuauggaaucgcggcuauU...................................................................  2        1     c15
    ..................uauuuauggaaucgcggcuauA...................................................................  2        1     c15
    ..................uauuuauggaaucgcggcuGug...................................................................  1        1     c15
    ..................uGuuuauggaaucgcggcuaug....................................................................  1        1     c15
    ..................uauuuauggaaucgcggcuaug....................................................................  92       0     c15
    ..................uauuuauggaaucgUggcuaug....................................................................  4        1     c15
    ..................uauuuauggaaucgcggcuaugu...................................................................  8        0     c15
    ..................uauuuauggaaucgcggcuaugA...................................................................  2        1     c15
    ....................uuuauggaaucgcggcuauguu...................................................................  1        0     c15
    ....................uuuauggaaucgcggcuauguuU..................................................................  1        1     c15
    ..........................................................uucauaggcgguuuuccauaaau...................................  5        0     c15
    ..........................................................uGggcgguuuuccauaaauag.....................................  16       1     c15
```

Mature Star

```
uguuuaagccuggcuguuguuauuuauggaaucgcggcuauguuacucguaguucauaggcgguuuuccauaaaauagcagccgugguauauucuucgaaggcacuuaugaug
.....................................................uaggcggAuuuccauaaaauag.....  1  1  c15
.....................................................uaggcgguuuuccauaaaauag.....  29 0  c15
.....................................................uaggcgguuuuccauaaaauagc....  19 0  c15
.....................................................uaggcgguuuuccauaaaauagU....  3  1  c15
.....................................................uGggcgguuuuccauaaaauagc....  27 1  c15
.....................................................uGggcgguuuuccauaaaauagca...  1  1  c15

...................uauuuauggaaucgcggcu.....................................................  1  0  c04
...................uauuuauggaaucgcggcuaug...................................................  6  0  c04
....................uuuauggaaucgcggcuU.....................................................  1  1  c04
....................uuuauggaaucgcggcuauguuU................................................  1  1  c04
.....................uuauggaaucgcggcuaug...................................................  1  0  c04
.............................................guuacucguaguucauaggcgguu.....................  1  0  c04
..........................................uacucguaguucauaggcgguu.........................  1  0  c04
..........................................uacucguaguucauGggcgguuuucc.....................  1  1  c04
............................................ucguaguucauGggcgguuuuccaua.....................  1  1  c04
.....................................................uaggcgguuuuccauaaaauagU....  1  1  c04
.....................................................uaggcgguuuuccauaaaauagca...  1  0  c04

...................uauuuauggaaucgcggcu.....................................................  2  0  c16
...................uauuuauggaaucgcggcuau...................................................  4  0  c16
...................Gauuuauggaaucgcggcuaug..................................................  3  1  c16
...................uauuuauggaaucgcggcuaug...................................................  17 0  c16
...................uauuuauggaaucgcggcuauA..................................................  1  1  c16
...................uauuuauggaaucgcggcuaugu.................................................  1  0  c16
...................uauuuauggaaucgcggcuaugG.................................................  1  1  c16
...................uauuuauggaaucgUggcuauguu................................................  1  1  c16
....................uuuauggaaucgcggcuaugu...................................................  2  0  c16
....................uuuauggaaucgcggcuauguu..................................................  1  0  c16
....................Guuauggaaucgcggcuauguu..................................................  1  1  c16
....................Guuauggaaucgcggcuauguua.................................................  1  1  c16
.....................uuauggaaucgcggcuaug.....................................................  3  0  c16
.....................uauggaaucgcggcuaug......................................................  1  0  c16
.....................auggaaucgcggcuauguu.....................................................  1  0  c16
.............................................guuacucguaguucauaggcgguC.....................  1  1  c16
.............................................guuacucguaguucauaggcgguuuuc...................  1  0  c16
.............................................guuacucguaguucauaggcgguuuCc...................  1  1  c16
..........................................Ccucguaguucauaggcgguuu.........................  1  1  c16
..........................................Ccucguaguucauaggcgguuuucc.......................  1  1  c16
..........................................acucguaguucauGggcgguuuucca.....................  1  1  c16
...........................................ucguaguucauaggcgguuuCcca.....................  1  1  c16
.....................................................uGggcgguuuuccauaaaauag....  2  1  c16
.....................................................uaggcgguuuuccauaaaauag....  6  0  c16
.....................................................uaggcgguuuuccauaaaauagc...  2  0  c16
.....................................................uGggcgguuuuccauaaaauagc...  1  1  c16
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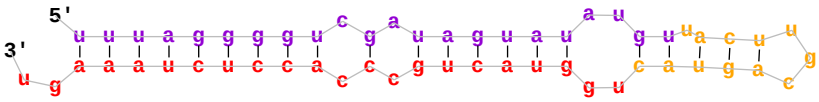
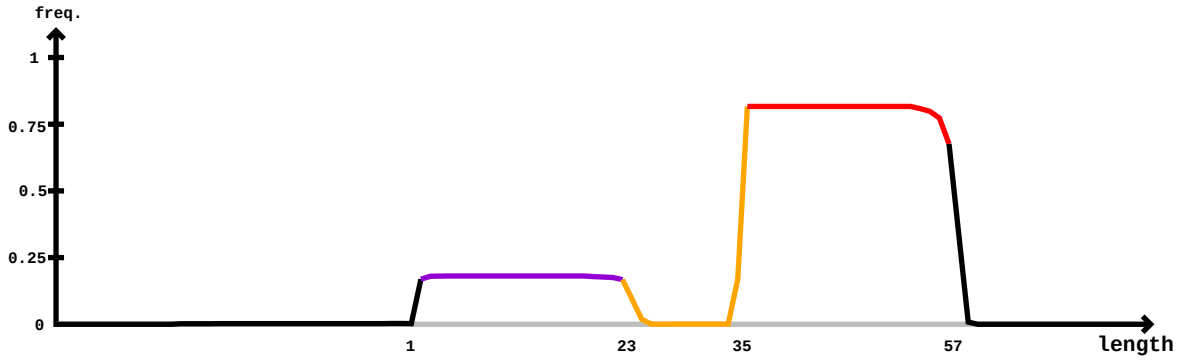
.....................................................uGggcgguuuuccauaaaauagca..  1  1  c16
.....................................................uaggcgguuuuccauaaaauagca..  3  0  c16
.....................................................................uauucuucgaaggcacuuaugaug  1  0  c16
.....................................................................auucuucgaaggcacuuaugauU  1  1  c16

...................uauuuauggaaucgcggcuau...................................................  1  0  c09
...................uauuuauggaaucgcggcuaug..................................................  1  0  c09
...................Gauuuauggaaucgcggcuaug..................................................  1  1  c09
....................uuuauggaaucgcggcuauguu..................................................  2  0  c09
.............................................uucauaggcgguuuuccau.....................  1  0  c09
.....................................................uaggcgguuuuccauaaau....  1  0  c09
.....................................................uaggcgguuuuccauaaaua....  1  0  c09
.....................................................uGggcgguuuuccauaaauag....  1  1  c09
.....................................................uaggcgguuuuccauaaauag....  6  0  c09
.....................................................uaggcgguuuuccauaaauagc...  1  0  c09
.....................................................uaggcgguuuuccauaaauagA...  1  1  c09
.....................................................uaggcgguuuuccauaaaauagca..  1  0  c09
```

Provisional ID	:	group19_29798
Score total	:	1053.2
Score for star read(s)	:	3.9
Score for read counts	:	1046.8
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	2065
Mature read count	:	1691
Loop read count	:	0
Star read count	:	374





Star **Mature**

```
5'- cugucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacugcccaccucuaaaguagcaguccugguucauuccu  -3'   obs
    cugucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacugcccaccucuaaaguagcaguccugguucauuccu        exp
    ...((((....))))......(((((((((((.((((((((((.(.((((((..((.(((...))))))..))))))).)))))))))).)))))))).))))..... reads     mm      sample
    ..................................uuuaggggucgauaguauau..................................................... 1         0       c15
    ..................................uuuaggggucgauaguauaug..................................................... 10        0       c15
    ..................................uuuaggggucgUuaguauaugu.................................................... 1         1       c15
    ..................................uuuaggggAcgauaguauaugu.................................................... 1         1       c15
    ..................................uGuaggggucgauaguauaugu.................................................... 1         1       c15
    ..................................uuuaggggucgauaguauaugu.................................................... 154       0       c15
    ..................................uuuaggggucgauagCauaugu.................................................... 1         1       c15
    ..................................uCuaggggucgauaguauaugu.................................................... 1         1       c15
    ..................................uuuagggAucgauaguauaugu.................................................... 1         1       c15
    ..................................uuuaggggucgauaguauaugA.................................................... 1         1       c15
    ..................................uuuaggggucgauaguauauguA.................................................... 4         1       c15
    ..................................uuuaggggucgauaguauauguu.................................................... 5         0       c15
    ..................................uuuaggggucgauaguauauguuU.................................................... 6         1       c15
    ..................................uuuaggggucgauaguauauguua.................................................... 4         0       c15
    ..................................uuaggggucgauaguauauguu..................................................... 2         0       c15
    ..................................uuaggggucgauaguauauguua.................................................... 18        0       c15
    ..................................uuaggggucgauaguauauguuaU.................................................... 1         1       c15
    ..................................uaggggucgauaguauauguua..................................................... 1         0       c15
    ..................................aggggucgauaguauaugu........................................................ 1         0       c15
    ..........................................................................cugguacugcccaccucCaaa.................. 1         1       c15
    ..........................................................................cugguacugcccaccucuaaa.................. 10        0       c15
    ..........................................................................cugguacugcccaccucuaaag................. 52        0       c15
    ..........................................................................Uugguacugcccaccucuaaag................. 1         1       c15
    ..........................................................................cugguacugcccacUucuaaag................. 1         1       c15
    ..........................................................................cugguacugcccUccucuaaagu................ 1         1       c15
    ..........................................................................cugguacugcccaccucuaaagA................ 2         1       c15
    ..........................................................................cugguacugcccaccucuaaagu................ 97        0       c15
    ..........................................................................cugguacugcccaccucuaaUgu................ 1         1       c15
    ..........................................................................cugguacugcccaccucuaaagua............... 2         0       c15
    ..........................................................................cugguacugcccaccucuaaaguU............... 2         1       c15
    ..........................................................................ugguacugcccaccucua..................... 1         0       c15
    ..........................................................................ugguacugcccaccucuaaa................... 2         0       c15
    ..........................................................................Cgguacugcccaccucuaaag.................. 1         1       c15
```

Star Mature

cugucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacugcccaccucuaaaguagcaguccugguucauuccu

.....ugguacugcccaccucuaaaC.....	1	1	c15
.....ugguacugcccaccucuaaag.....	43	0	c15
.....ugguacugcccaccucuaaaA.....	1	1	c15
.....ugguacugcccaccucuaaCgu.....	1	1	c15
.....ugguacugcccaGcucuaaagu.....	1	1	c15
.....ugguacugcccaccucuaaagC.....	1	1	c15
.....ugguacugcccaccucuaaagu.....	534	0	c15
.....uggAacugcccaccucuaaagu.....	1	1	c15
.....ugguacugcccaccucuaaGgu.....	1	1	c15
.....ugguacugcccaUcucuaaagu.....	2	1	c15
.....ugguacugcccaccucCaaagu.....	1	1	c15
.....ugguacugcccaccucuGaagu.....	1	1	c15
.....ugguacugcccaccucuaaaguU.....	10	1	c15
.....ugguacugcccaccucuaaagua.....	6	0	c15
.....uuuaggggucgauaguauau.....	1	0	c02
.....uuuaggggucgauaguauaug.....	1	0	c02
.....Guuaggggucgauaguauaug.....	1	1	c02
.....Guuaggggucgauaguauaugu.....	4	1	c02
.....uuuaggggucgauaguauaugu.....	27	0	c02
.....uuuaggggucgauaguauauguu.....	1	0	c02
.....uuuaggggucgauaguauauguA.....	1	1	c02
.....uuaggggucgauaguauau.....	1	0	c02
.....cugguacugcccaccucuaa.....	1	0	c02
.....cugguacugcccaccucuaaa.....	7	0	c02
.....cugguacugcccaccucuaaag.....	3	0	c02
.....cugguacugcccaccucuaaaA.....	1	1	c02
.....cugguacugcccCccucuaaagu.....	1	1	c02
.....cugguacugcccaccucuaaagu.....	19	0	c02
.....cugguacAgcccaccucuaaagu.....	1	1	c02
.....ugguacugcccaccucua.....	5	0	c02
.....ugguacugcccaccucuaa.....	1	0	c02
.....ugguacugcccaccucuaaa.....	1	0	c02
.....ugguacugcccaccucuaaag.....	20	0	c02
.....Ggguacugcccaccucuaaag.....	1	1	c02
.....ugguacugcccaccucuaaagu.....	113	0	c02
.....ugguacugcAcaccucuaaagu.....	1	1	c02
.....Ggguacugcccaccucuaaagu.....	14	1	c02
.....ugguacugAcccaccucuaaagu.....	1	1	c02
.....ugguacugcccCccucuaaagu.....	1	1	c02
.....ugguacugcccaccucuaaaguU.....	2	1	c02
.....ugguacugcccaccucuaaagua.....	4	0	c02
.....ugguacugcccaccucuaaaguaA.....	1	1	c02
.....cgcuuuaggggucgauaguaua.....	1	0	c04
.....uuuaggggucgauaguaua.....	1	0	c04
.....Guuaggggucgauaguauaugu.....	3	1	c04
.....uuuaggggucgauaguauaugu.....	5	0	c04
.....uuuaggggucgauaguauauguA.....	7	1	c04
.....uuuaggggucgauaguauauguu.....	1	0	c04
.....uuuaggggucgauaguauauguAa.....	2	1	c04
.....cugguacugcccaccucuaaa.....	1	0	c04
.....ugguacugcccaccucuaaag.....	1	0	c04
.....Ggguacugcccaccucuaaagu.....	1	1	c04
.....ugguacugcccaccucuaaagu.....	25	0	c04
.....ugguacugcccaccucuaaagua.....	1	0	c04
..........aagaauuucaaaaccggauugucg.....	1	0	c16
..........aagaauuucaaaaccggauugucgc.....	2	0	c16
..........aagaauuucaaaaccggauugucgcuu.....	1	0	c16
..............auuucaaaaccggauugucgcu.....	1	0	c16
.....Guuaggggucgauaguau.....	1	1	c16
.....uuuaggggucgauaguau.....	4	0	c16
.....uuuaggggucgauaguaua.....	1	0	c16
.....uuuaggggucgauaguauau.....	1	0	c16
.....uuuaggggucgauaguauaug.....	3	0	c16
.....Guuaggggucgauaguauaugu.....	9	1	c16
.....uCuaggggucgauaguauaugu.....	1	1	c16
.....uuuagggCucgauaguauaugu.....	1	1	c16
.....uuuaggggucgauaguauaugu.....	56	0	c16

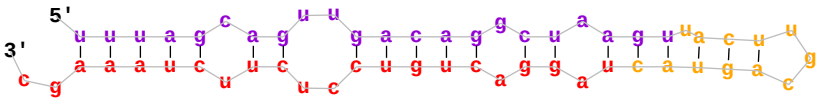
Star Mature

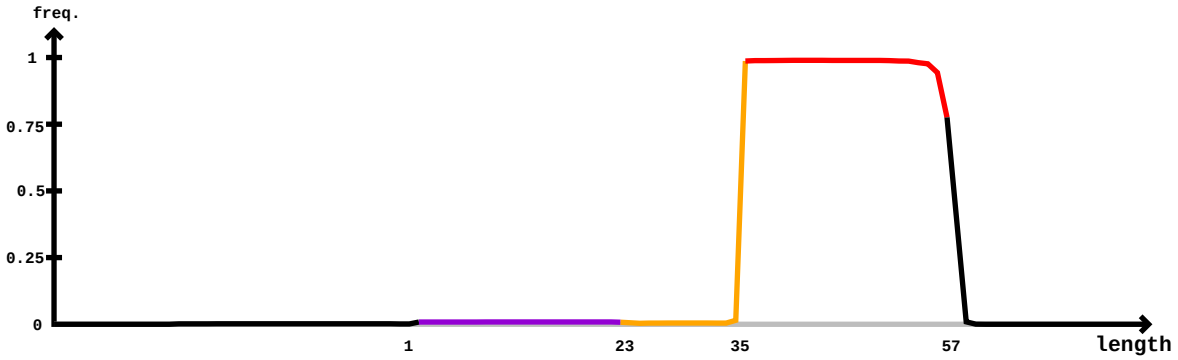
cugucuuacaaaagaauuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacugcccaccucuaaaguagcaguccugguucauuccu

.....uuuaggggucgauaguauauguG.....	1	1	c16
.....uuuaggggucgauaguauauguA.....	8	1	c16
.....uuuaggggucgauaguauauguu.....	5	0	c16
.....uuuaggggucgauaguauauguAa.....	3	1	c16
.....uuuaggggucgauaguauauguua.....	1	0	c16
.....uuaggggucgauaguauauguua.....	2	0	c16
.....uaggggucgauaguauauguua.....	1	0	c16
.....ugcaguacugguacugcccaccucua.....	1	0	c16
.....cugguacugcccaccucua.....	3	0	c16
.....cuggAacugcccaccucuaa.....	1	1	c16
.....cugguacugcccaccucuaa.....	6	0	c16
.....cugguacugcccaccucuaaa.....	11	0	c16
.....cugguacugcccCccucuaaag.....	1	1	c16
.....cugguacugcccaccucuaaag.....	20	0	c16
.....cugguacugcccaccucuaaagu.....	65	0	c16
.....cugguacugcccaccucuaaagua.....	10	0	c16
.....cugguacugcccaccucuaaaguaA.....	5	1	c16
.....ugguacugcccaccucua.....	4	0	c16
.....ugguacugcccaccucuaa.....	5	0	c16
.....ugguacAgcccaccucuaaa.....	1	1	c16
.....Ggguacugcccaccucuaaa.....	1	1	c16
.....ugguacugcccaccucuaaa.....	9	0	c16
.....ugguacugcccaccucuaaag.....	19	0	c16
.....ugguacugcccaccuGuaaag.....	1	1	c16
.....Ggguacugcccaccucuaaag.....	2	1	c16
.....ugguacugcccaccucuaaagu.....	268	0	c16
.....ugguacAgcccaccucuaaagu.....	1	1	c16
.....Agguacugcccaccucuaaagu.....	1	1	c16
.....ugguacugcAcaccucuaaagu.....	1	1	c16
.....ugCuacugcccaccucuaaagu.....	1	1	c16
.....Ggguacugcccaccucuaaagu.....	18	1	c16
.....ugAuacugcccaccucuaaagu.....	1	1	c16
.....ugguacugcccCccucuaaagu.....	1	1	c16
.....ugguacugcccaccucuaaagA.....	1	1	c16
.....ugguacugcccaccucuaaaguU.....	4	1	c16
.....ugguacugcccaccucuaaagua.....	12	0	c16
.....Ggguacugcccaccucuaaagua.....	2	1	c16
.....ugguacugcccaccucuaaaguG.....	3	1	c16
.....ugguacugcccaccucuaaaguaA.....	10	1	c16

.....uuuaggggucgauaguauaug.....	1	0	c09
.....uuuaggggucgauaguauaugu.....	5	0	c09
.....cugguacugcccaccucuaa.....	1	0	c09
.....cugguacugcccaccucuaaa.....	4	0	c09
.....cugguacugcccCccucuaaag.....	1	1	c09
.....cugguacugcccaccucuaaag.....	4	0	c09
.....cugguacugcccCccucuaaagu.....	1	1	c09
.....cugguacugcccaccucuaaagu.....	10	0	c09
.....cugguacugcccaccucuaaagG.....	1	1	c09
.....cugguacugcccaccucuaaaguU.....	2	1	c09
.....ugguacugcccaccucua.....	2	0	c09
.....Ggguacugcccaccucua.....	1	1	c09
.....ugguacugcccaccucuaa.....	6	0	c09
.....ugguacugcccaccucuaaa.....	4	0	c09
.....ugguacugcccaccucuaaag.....	27	0	c09
.....ugCuacugcccaccucuaaagu.....	2	1	c09
.....ugguacugcAcaccucuaaagu.....	1	1	c09
.....ugguacugAccaccucuaaagu.....	1	1	c09
.....Ggguacugcccaccucuaaagu.....	6	1	c09
.....ugguacugccAaccucuaaagu.....	1	1	c09
.....ugguacugcccCccucuaaagu.....	1	1	c09
.....Agguacugcccaccucuaaagu.....	1	1	c09
.....ugguacugcccaccucuaaagu.....	114	0	c09
.....ugguacugcccaccucuaaagua.....	3	0	c09
.....ugguacugcccaccucuaaaguU.....	3	1	c09
.....ugguacugcccaccucuaaaguaA.....	1	1	c09

Provisional ID	:	group19_29800
Score total	:	1398.3
Score for star read(s)	:	3.9
Score for read counts	:	1388.4
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2735
Mature read count	:	2714
Loop read count	:	0
Star read count	:	21





Star **Mature**

```
5'- cggucuuaaaaaaggauuucaaaaccagucugucgcuuuagcaguugacaggcuaaguuacuugcaguacuaggacuguccucuucuaaagcagcaguccugguacauucuu  -3'    obs
    cggucuuaaaaaaggauuucaaaaccagucugucgcuuuagcaguugacaggcuaaguuacuugcaguacuaggacuguccucuucuaaagcagcaguccugguacauucuu         exp
    .((((((.....))))))....((((((.((((.(((((((.((..((((((.((.(((.(((...)))))))..)).))))))..)).)))))))..))))..))))).....  reads      mm          sample
    ..................................uuuagcaguugacaggcuaagu.....................................................................  1          0           c09
    ..................................Guuagcaguugacaggcuaagu.....................................................................  1          1           c09
    ..........................................guugacaggcuaaguuacuugcag...........................................................  1          0           c09
    ...................................................................cuaggacuguccucuucuaaag.....................  4          0           c09
    ....................................................................cuaggacuguccucuucuaaagc....................  1          0           c09
    ..................................................................uaggacuguccucuucua.........................  2          0           c09
    ..................................................................uaggacuguccucuucuaa........................  1          0           c09
    ..................................................................uaggacuguccucuucuaaa.......................  10         0           c09
    ..................................................................uaggCcuguccucuucuaaa.......................  1          1           c09
    ..................................................................uaggacuguccucuucuaaag......................  49         0           c09
    ..................................................................uaAgacuguccucuucuaaag......................  1          1           c09
    ..................................................................uaggacuguccucuucuaaaC......................  1          1           c09
    ..................................................................uaggacuguccAcuucuaaag......................  1          1           c09
    ..................................................................Gaggacuguccucuucuaaag......................  4          1           c09
    ..................................................................uaggacuguccucuuUuaaag......................  1          1           c09
    ..................................................................Gaggacuguccucuucuaaagc.....................  2          1           c09
    ..................................................................Aaggacuguccucuucuaaagc.....................  2          1           c09
    ..................................................................uaggacuguccucAucuaaagc.....................  1          1           c09
    ..................................................................uaggacuguccucuucuaaagc.....................  98         0           c09
    ..................................................................uaggacuguccGcuucuaaagc.....................  1          1           c09
    ..................................................................uaggacuguccucuucuaaagA.....................  1          1           c09
    ..................................................................uaggacuguccucuucuaaagcU....................  2          1           c09
    ..................................................................uaggacuguccucuucuaaagca....................  7          0           c09
    ..................................................................uaggacuguccucuucuaaagcG....................  3          1           c09

    ..........aaggauuucaaaaccagucugucgcu.....................................................................................  1          0           c04
    ..................................uuuagcaguugacaggcuaagu.....................................................................  2          0           c04
    ..................................................................uaggacuguccucuucua.........................  2          0           c04
    ..................................................................Gaggacuguccucuucua.........................  2          1           c04
    ..................................................................Gaggacuguccucuucuaaa.......................  1          1           c04
    ..................................................................uaggacuguccucuucuaaa.......................  7          0           c04
    ..................................................................uaggacuguccucuucuaaag......................  9          0           c04
    ..................................................................Gaggacuguccucuucuaaagc.....................  2          1           c04
```

Star Mature

cggucuuaaaaaaggauuucaaaaccagucugucgcuuuagcaguugacaggcuaaguuacuugcaguacuaggacuguccucuucuaaagcagcaguccugguacauucuu

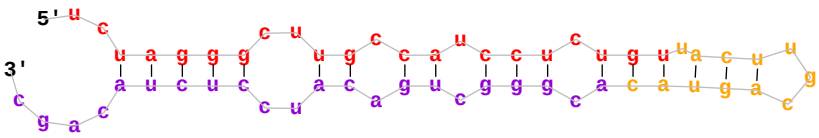
..........uaggacuguccucuucuaaagc..........	36	0	c04
..........uaggacuguccucuucuaaagcU..........	1	1	c04
..........uaggacuguccucuucuaaagca..........	7	0	c04
..........uaggacuguccucuucuaaagcaA..........	12	1	c04
..........acuguccucuucuaaagc..........	1	0	c04
..........cuguccucuucuaaagca..........	1	0	c04
..........aaggauuucaaaaccagucuguc..........	2	0	c16
..........aaggauuucaaaaccagucugucgc..........	1	0	c16
..........uuuagcaguugacaggcuaag..........	1	0	c16
..........uuuagcaguugacaggcuaagu..........	8	0	c16
..........Guuagcaguugacaggcuaagu..........	2	1	c16
..........uuuagcaguugacaggcuaaguuacuugcaguac..........	1	0	c16
..........uuagcaguugacaggcuaag..........	1	0	c16
..........uacuugcaguacuaggacugu..........	1	0	c16
..........acuugcaguacuaggacuguccucCu..........	1	1	c16
..........acuugcaguacuaggacuguccucuu..........	1	0	c16
..........acuugcaguacuaggacuguccucuuc..........	3	0	c16
..........acuugcaguacuaggacuguccucuuU..........	1	1	c16
..........cuugcaguacuaggacuguccucuucuaaagc..........	1	0	c16
..........ugcaguacuaggacuguccucuucu..........	1	0	c16
..........cuaggacuguccucuucuaaa..........	1	0	c16
..........cuaggacuguccucuucuaaag..........	3	0	c16
..........cuaggacuguccucuucuaaagc..........	4	0	c16
..........uaggacuguccucuucua..........	3	0	c16
..........uaggacuguccucuucuaa..........	4	0	c16
..........uaggacugucAucuucuaaa..........	1	1	c16
..........Gaggacuguccucuucuaaa..........	2	1	c16
..........uaggacuguccucuucuaaa..........	30	0	c16
..........uaggacuguccucuucuaaaU..........	1	1	c16
..........uaggacuguccucuucuaaaA..........	2	1	c16
..........uaggacuguccucuucuaaag..........	94	0	c16
..........uaggacuguccucuucuaaaC..........	1	1	c16
..........uGggacuguccucuucuaaag..........	1	1	c16
..........uaggacuguUcucuucuaaag..........	1	1	c16
..........Gaggacuguccucuucuaaag..........	7	1	c16
..........uaggacuguccucuuAuaaagc..........	2	1	c16
..........Gaggacuguccucuucuaaagc..........	31	1	c16
..........uaggacuguccucuucuaaaCc..........	2	1	c16
..........uaggacuguAcucuucuaaagc..........	1	1	c16
..........uaggacuguccucuucCaaagc..........	1	1	c16
..........uaggCcuguccucuucuaaagc..........	1	1	c16
..........uaggacuCuccucuucuaaagc..........	1	1	c16
..........uaggacuguccucuucuaaCgc..........	1	1	c16
..........uaggacuguccucuucuGaagc..........	1	1	c16
..........Aaggacuguccucuucuaaagc..........	1	1	c16
..........uaggacuguccucAucuaaagc..........	1	1	c16
..........uaggacugAccucuucuaaagc..........	1	1	c16
..........uaggacuguccucuucuaaagc..........	426	0	c16
..........uagCacuguccucuucuaaagc..........	4	1	c16
..........uaggacuguccucuuAuaaagca..........	1	1	c16
..........uaggacuguccucuucuaaagcC..........	3	1	c16
..........uaggacuguccucuCcuaaagca..........	1	1	c16
..........uaggacuCuccucuucuaaagca..........	1	1	c16
..........uaggacuguccucuucuaaagcG..........	2	1	c16
..........Gaggacuguccucuucuaaagca..........	2	1	c16
..........uagCacuguccucuucuaaagca..........	1	1	c16
..........uaggacuguccucuucuaaagcU..........	4	1	c16
..........uaggacuguccucuucuaaagca..........	40	0	c16
..........uaggacuguccucuucuaaagcaA..........	10	1	c16
..........auuucaaaaccagucugucgc..........	1	0	c15
..........uuuagcaguugacaggcuaagu..........	2	0	c15
..........uuuagcaguugacaggcuaaguuacuugcaguac..........	1	0	c15
..........cuugcaguacuaggacuguccucuucuaaagc..........	1	0	c15
..........cuaggacuguccucuucuaaag..........	4	0	c15
..........cuaggacuguccucuucuaaagc..........	6	0	c15
..........uaggacuguccucuucua..........	3	0	c15
..........uaggacuguccucuucuaa..........	2	0	c15
..........uaggacuguccucuucuaaU..........	1	1	c15

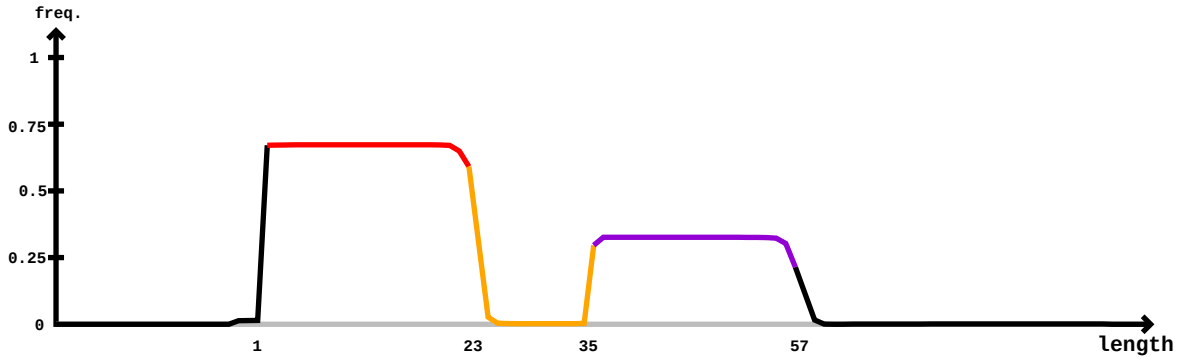
Star Mature

cggucuuaaaaaaggauuucaaaaccagucugucgcuuuagcaguugacaggcuaaguuacuugcaguacuaggacuguccucuucuaaagcagcaguccugguacauucuu

.....uaggacuguccucuucuaaa.....	17	0	c15
.....Aaggacuguccucuucuaaag.....	1	1	c15
.....uaggacuguccucuCcuaaag.....	1	1	c15
.....uaggacuguccucuucuaaag.....	173	0	c15
.....uaggacuguccucuucuaaGg.....	1	1	c15
.....uaggacuguccucuucuaaaU.....	1	1	c15
.....uaggacuAuccucuucuaaag.....	1	1	c15
.....uaggacuguccucuucuaaaA.....	1	1	c15
.....uaggacuguccucuuGuaaagc.....	1	1	c15
.....uaggacuguccGcuucuaaagc.....	1	1	c15
.....uaggacuguccucuucuaaagc.....	1066	0	c15
.....uaggacuguccucuuAuaaagc.....	1	1	c15
.....uGggacuguccucuucuaaagc.....	3	1	c15
.....uaggaAuguccucuucuaaagc.....	1	1	c15
.....uCggacuguccucuucuaaagc.....	1	1	c15
.....uUggacuguccucuucuaaagc.....	1	1	c15
.....uaggacuguccucuucuaaagA.....	1	1	c15
.....uaggacuguccucuucuaaagU.....	3	1	c15
.....uaggacuguUcucuucuaaagc.....	1	1	c15
.....uaggacuguccucuucuaaagcU.....	34	1	c15
.....uaggacuguccucuucuaaagcG.....	1	1	c15
.....uaggacuguccucuucuaaagcC.....	1	1	c15
.....uaggacuguccucuucuaaagca.....	20	0	c15
.....aggacuguccucuucuaaagc.....	4	0	c15
.....uuuagcaguugacaggcuaag.....	1	0	c02
.....uuuagcaguugacaggcuaagu.....	1	0	c02
.....Guuagcaguugacaggcuaagu.....	1	1	c02
.....cuaggacuguccucuucuaa.....	3	0	c02
.....cuaggacuguccucuucuaaag.....	1	0	c02
.....cuaggacuguccucuucuaaagc.....	2	0	c02
.....uaggacuguccucuucua.....	4	0	c02
.....uaggacuguccucuucuaa.....	2	0	c02
.....uaggacuguccucuucuaaa.....	20	0	c02
.....Gaggacuguccucuucuaaag.....	12	1	c02
.....uaggacuguccucuucuaaag.....	83	0	c02
.....uaggacuguccucuuAuaaag.....	2	1	c02
.....uaggCcuguccucuucuaaag.....	1	1	c02
.....uaggCcuguccucuucuaaagc.....	1	1	c02
.....uagCacuguccucuucuaaagc.....	1	1	c02
.....uaggacGguccucuucuaaagc.....	1	1	c02
.....uaggacuguccucuucCaaagc.....	1	1	c02
.....Gaggacuguccucuucuaaagc.....	10	1	c02
.....uaggacuguccucuucuaaagA.....	1	1	c02
.....Aaggacuguccucuucuaaagc.....	1	1	c02
.....uaggacuguccucuucuaaagc.....	216	0	c02
.....uaggacugucAucuucuaaagc.....	1	1	c02
.....uaggacuguccucuucuaaaCc.....	1	1	c02
.....uaggacuguccucuucuaaagcU.....	5	1	c02
.....uaggacuguccucuucuaaagcC.....	1	1	c02
.....uaggacuguccucuucuaaagca.....	20	0	c02
.....Gaggacuguccucuucuaaagca.....	1	1	c02
.....uaggacuguccucuucuaaagcaA.....	2	1	c02
.....Cacuguccucuucuaaagcagc.....	1	1	c02

Provisional ID	:	group19_29801
Score total	:	902.1
Score for star read(s)	:	3.9
Score for read counts	:	896.4
Score for mfe	:	0.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1770
Mature read count	:	1185
Loop read count	:	0
Star read count	:	585





Mature **Star**

```
5'- uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuacagcagcaguccugguacauucuucaaagacuucuacaug -3'    obs
    uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuacagcagcaguccugguacauucuucaaagacuucuacaug      exp
    .....(((((.((((.(((.((((((..((.((.(((.(((.(((...)))))).))).))..))))))..))).))))..))).)))..... reads     mm      sample
    ..................ucuagggcuugccauccucu..................................................................... 1         0       c09
    ..................ucuagggcuugccauccucug.................................................................... 11        0       c09
    ..................Gcuagggcuugccauccucug.................................................................... 1         1       c09
    ..................ucuaggCcuugccauccucugu................................................................... 1         1       c09
    ..................Gcuagggcuugccauccucugu................................................................... 4         1       c09
    ..................ucuaUggcuugccauccucugu................................................................... 1         1       c09
    ..................ucuagggcuugccauccucugu................................................................... 30        0       c09
    ..................ucuagggcuugccauccucuguA.................................................................. 2         1       c09
    ..................ucuagggcuugccauccucuguG.................................................................. 1         1       c09
    ..................ucuagggcuugccauccucuguAa................................................................. 1         1       c09
    ..........................................................acgggcugacUuccucuaca.......................... 3         1       c09
    ..........................................................acgggcugacUuccucuacag......................... 17        1       c09
    ..........................................................acgggcugacUuccucuacagc........................ 10        1       c09
    ..........................................................cgggcugacUuccucuacagc......................... 1         1       c09
    ..........................................................cgggcugacUuccucuacagca........................ 3         1       c09
    ..........................................................cgggcugacUuccucuacagcag...................... 2         1       c09

    ................cgcucuagggcuugccauccucu.................................................................. 1         0       c16
    ..................cucuagggcuugccauccucuguAa............................................................... 1         1       c16
    ..................ucuagggcuugccauccu....................................................................... 1         0       c16
    ..................ucuagggcuugccauccuc...................................................................... 2         0       c16
    ..................ucuagggcuugccauccucu..................................................................... 8         0       c16
    ..................Gcuagggcuugccauccucu..................................................................... 3         1       c16
    ..................ucuaggAcuugccauccucug.................................................................... 1         1       c16
    ..................Gcuagggcuugccauccucug.................................................................... 6         1       c16
    ..................ucuagggcuugccauccucug.................................................................... 72        0       c16
    ..................ucuagggcuugccauccucCgu................................................................... 2         1       c16
    ..................ucuagggcuugAcauccucugu................................................................... 1         1       c16
    ..................ucuagggcuugccaCccucugu................................................................... 1         1       c16
    ..................ucuagCgcuugccauccucugu................................................................... 2         1       c16
    ..................ucuagggcuugcAauccucugu................................................................... 1         1       c16
    ..................ucuagAgcuugccauccucugu................................................................... 1         1       c16
    ..................Gcuagggcuugccauccucugu................................................................... 57        1       c16
```

Mature Star

uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuacagcagcaguccugguacauucuucaaagacuucuacaug

.....ucuagggcuugccaucUucugu.....	1	1	c16
.....ucuagggcuAgccauccucugu.....	1	1	c16
.....ucuagggcuugccauccucugu.....	467	0	c16
.....ucuagggcuugccauccucugG.....	1	1	c16
.....Ccuagggcuugccauccucugu.....	1	1	c16
.....ucuaggCcuugccauccucugu.....	1	1	c16
.....ucuaAggcuugccauccucugu.....	1	1	c16
.....ucuagggcuugccauccCcugu.....	1	1	c16
.....ucuagggcuugccauccucugA.....	1	1	c16
.....Acuagggcuugccauccucugu.....	2	1	c16
.....ucuagggcuuCccauccucugu.....	2	1	c16
.....ucuagggcuugccauAcucugu.....	3	1	c16
.....ucuagggcuugccauccucuguA.....	25	1	c16
.....ucuagggcuugccauccucuguG.....	2	1	c16
.....ucuagggcuugccauccucuguu.....	5	0	c16
.....ucuagggcuugccauccucuguua.....	3	0	c16
.....ucuagggcuugccauccucuguuU.....	1	1	c16
.....ucuagggcuugccauccucuguAa.....	12	1	c16
.....ucuagggcuugccauccucuguuaU.....	1	1	c16
.....ucuagggcuugccauccucuguuacuugcaguac.....	1	0	c16
.....ucuagggcuugccauccucuguuacuugcaguaca.....	1	0	c16
.....agggcuugccauccucugu.....	1	0	c16
.....acuugcaguacacgggcugacauccuc.....	1	0	c16
.....cacgggcugacUuccucuacag.....	1	1	c16
.....acgggcugacauccucuaca.....	1	0	c16
.....acgggcugacUuccucuaca.....	10	1	c16
.....acgggcugacUuccucuacag.....	46	1	c16
.....acgggcugacUuccucuacagc.....	18	1	c16
.....acgggcugacUuccucuacagca.....	5	1	c16
.....cgggcugacUuccucuacag.....	1	1	c16
.....cgggcugacUuccucuacagca.....	7	1	c16
.....cgggcugacUuccucuacagcag.....	8	1	c16
.....cauucuucaaagacuucua....	1	0	c16

.....ucuagggcuugccauccucu.....	2	0	c04
.....Gcuagggcuugccauccucug.....	1	1	c04
.....ucuagggcuugccauccucug.....	5	0	c04
.....ucuagggcuugccaucUucug.....	2	1	c04
.....ucuaggCcuugccauccucugu.....	1	1	c04
.....ucuagggcuugccauccucuUu.....	1	1	c04
.....ucuagUgcuugccauccucugu.....	1	1	c04
.....Gcuagggcuugccauccucugu.....	1	1	c04
.....ucuagggcuugccauccucugu.....	42	0	c04
.....ucuagggcuugccauccucuguA.....	5	1	c04
.....ucuagggcuugccauccucuguu.....	1	0	c04
.....ucuagggcuugccauccucuguC.....	1	1	c04
.....ucuagggcuugccauccucuguuU.....	1	1	c04
.....ucuagggcuugccauccucuguAa.....	11	1	c04
.....acgggcugacUuccucuacag.....	3	1	c04
.....acgggcugacUuccucuacagc.....	3	1	c04
.....uccugguacauucuucaaagacuucua....	1	0	c04

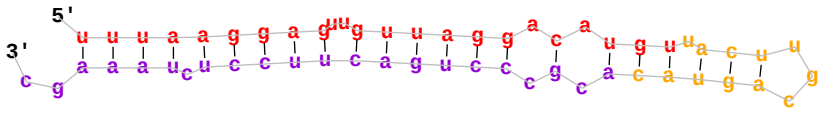
.....ucuagggcuugccauccucugu.....	21	0	c02
.....Gcuagggcuugccauccucugu.....	2	1	c02
.....cacgggcugacUuccucuacag.....	1	1	c02
.....acgggcugacUuccucuac.....	1	1	c02
.....acgggcugacUuccucuaca.....	4	1	c02
.....acgggcugacUuccucuacag.....	10	1	c02
.....acgggcugacUuccucuacagc.....	4	1	c02
.....cgggcugacUuccucuacagca.....	1	1	c02

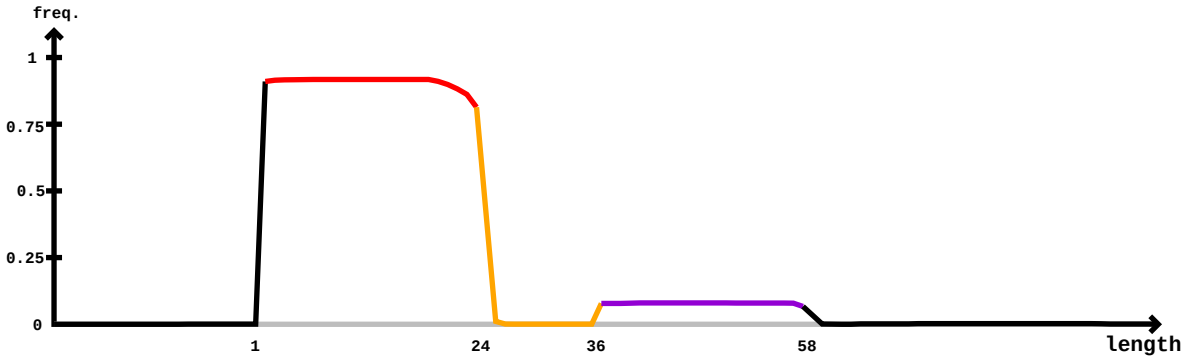
.....cgcucuagggcuugccauccucu.....	22	0	c15
.....cgcucuagggcuugccauccucuU.....	1	1	c15
.....gcucuagggcuugccauccucug.....	1	0	c15
.....ucuagggcuugccauccuc.....	1	0	c15
.....ucuagggcuugccauccucu.....	1	0	c15
.....ucuagggcuugccauccucug.....	5	0	c15
.....ucuagggcuuAccauccucugu.....	1	1	c15
.....ucuagggcuugUcauccucugu.....	2	1	c15
.....Acuagggcuugccauccucugu.....	1	1	c15

Mature Star

```
uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuacagcagcaguccugguacauucuucaaagacuucuacaug
.....................ucuagggcuugccauccucugu.....................................................................  285  0  c15
.....................ucuagggcuugccauccucugC.....................................................................  4  1  c15
.....................ucuagggcuugccauccucuguu....................................................................  24  0  c15
.....................ucuagggcuugccauccucuguA....................................................................  3  1  c15
.....................ucuagggcuugccauccucuguC....................................................................  1  1  c15
.....................ucuagggcuugccauccucuguuU...................................................................  10  1  c15
.....................ucuagggcuugccauccucuguuaA..................................................................  1  1  c15
.....................ucuagggcuugccauccucuguuacu.................................................................  1  0  c15
.....................cuagggcuugccauccucuguAa....................................................................  1  1  c15
.....................uagggcuugccauccucuguu......................................................................  1  0  c15
.........................................uuacuugcaguacacgggcugacauccucuU.....................................  1  1  c15
.....................................................acgggcugacUuccucuac.....................................  3  1  c15
.....................................................acgggcugacUuccucuaca....................................  16  1  c15
.....................................................acgggcugacauccucuaca....................................  2  0  c15
.....................................................acgggcugacUuccucuacag...................................  79  1  c15
.....................................................acgggcugacauccucuacag...................................  2  0  c15
.....................................................acgggcugacauccuAuacagc...................................  1  1  c15
.....................................................acgggcugacUuccucuacagc...................................  278  1  c15
.....................................................acgggcugacauccucuacagA...................................  1  1  c15
.....................................................acgggcugacauccucuacagc...................................  3  0  c15
.....................................................acgggcugacauccucuacaUc...................................  1  1  c15
.....................................................acgggcugacUuccucuacagca..................................  7  1  c15
.....................................................cgggcugacUuccucuacagc....................................  3  1  c15
.....................................................cgggcugacUuccucuacagca...................................  10  1  c15
.....................................................cgggcugacauccucuacagcag..................................  1  0  c15
.....................................................cgggcugacUuccucuacagcag..................................  17  1  c15
.....................................................cgggcugacUuccucuacagcagc.................................  1  1  c15
```

Provisional ID	:	group19_29803
Score total	:	1084.1
Score for star read(s)	:	3.9
Score for read counts	:	1074.3
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2119
Mature read count	:	1950
Loop read count	:	0
Star read count	:	169





Mature **Star**

```
5'- uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacggu  -3'   obs
    uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacggu        exp
    .....(((((.((((.((((((((((((..((((((.(.(((.(((...)))))).).)))))))))))).))))))).))).))).....((((((...))).))).   reads    mm    sample
    ...................uuuaaggaguuguuagga.....................................................................   1        0     c09
    ...................uuuaaggaguuguAaggac.....................................................................   1        1     c09
    ...................uuuaaggaguuguuaggac.....................................................................   6        0     c09
    ...................uuuaaggaguuguuaggaca....................................................................   3        0     c09
    ...................Guuaaggaguuguuaggaca....................................................................   1        1     c09
    ...................uuuaaggaguuguuaggacaC...................................................................   1        1     c09
    ...................Guuaaggaguuguuaggacau...................................................................   1        1     c09
    ...................uuuaaggaguuguuaggacau....................................................................   6        0     c09
    ...................uuuaaCgaguuguuaggacaug...................................................................   1        1     c09
    ...................uuuaaggaguuguuaggacaug...................................................................   11       0     c09
    ...................uuuaaggaguAguuaggacaug...................................................................   1        1     c09
    ...................uuuaaggaguuguuaggacaugu..................................................................   126      0     c09
    ...................Auuaaggaguuguuaggacaugu..................................................................   2        1     c09
    ...................Guuaaggaguuguuaggacaugu..................................................................   14       1     c09
    ...................uuuaaggaguuguuaggacauguA.................................................................   1        1     c09
    ...................uuuaaggaguuguuaggacauguu.................................................................   1        0     c09
    ...................uuuaaggaguuguuaggacauguua................................................................   1        0     c09
    .....................uuaaggaguuguuaggacaug...................................................................   1        0     c09
    .....................uaaggaguuguuaggacaugu....................................................................   1        0     c09
    ..........................................................acgcccugGcuuccucuaaag.....................................   1        1     c09
    ..........................................................acgcccugacuuccucuaaag.....................................   1        0     c09
    ..........................................................acgcccugacuuccucuaaagc....................................   4        0     c09
    ..........................................................acgcccugGcuuccucuaaagc....................................   2        1     c09
    ..............................................................ccugacuuccucuaaagcagc..................................   1        0     c09

    ............ucugucgcuuuaaggaguuguuagga.....................................................................   1        0     c16
    ...................Guuaaggaguuguuagga.....................................................................   1        1     c16
    ...................uuuaaUgaguuguuagga.....................................................................   1        1     c16
    ...................uuuaaggaguuguuagga.....................................................................   5        0     c16
    ...................uuuaaggaguuguuaggac....................................................................   12       0     c16
    ...................Guuaaggaguuguuaggac....................................................................   1        1     c16
    ...................uuuaaggaguuguuaggaca...................................................................   19       0     c16
    ...................Guuaaggaguuguuaggaca...................................................................   4        1     c16
```

Mature Star

uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacggu

.....uuuaaggaguuguuaggacau.....	22	0	c16
.....Guuaaggaguuguuaggacau.....	3	1	c16
.....uuuaaggaguuguuaggacaC.....	1	1	c16
.....uuuaaggaguuguuaggacaug.....	57	0	c16
.....uuuaaggaguuguuaggaAaug.....	1	1	c16
.....uuuaaggaguuCuuaggacaug.....	1	1	c16
.....Guuaaggaguuguuaggacaug.....	6	1	c16
.....Cuuaaggaguuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuCuuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacCugu.....	1	1	c16
.....uuuaagUaguuguuaggacaugu.....	2	1	c16
.....uuuaaggaguuguuaggCcaugu.....	1	1	c16
.....uuuaaggaguuguuaggacaAgu.....	1	1	c16
.....Guuaaggaguuguuaggacaugu.....	92	1	c16
.....Auuaaggaguuguuaggacaugu.....	1	1	c16
.....uuuaaggagGuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacauCu.....	1	1	c16
.....uuuaaggaguuguuaUgacaugu.....	2	1	c16
.....uuuUaggaguuguuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacaugA.....	1	1	c16
.....uuuaaggaguugAuaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacaugu.....	750	0	c16
.....uuuaaggaguuguuaCgacaugu.....	2	1	c16
.....uuuaaggaguuguuaggacaCgu.....	1	1	c16
.....uuuaaggaguuguGaggacaugu.....	1	1	c16
.....uuuaaggaguuguuaggacauguA.....	15	1	c16
.....uuuaaggaguuguuaggacauguG.....	1	1	c16
.....uuuaaggaguuguuaggacauguu.....	7	0	c16
.....uuuaaggaguuguuaggacaAguu.....	1	1	c16
.....uuuaaggaguuguuaggacauguua.....	2	0	c16
.....uuuaaggaguuguuaggacauguuU.....	1	1	c16
.....uuuaaggaguuguuaggacauguAa.....	8	1	c16
.....uuuaaggaguuguuaggacauguuac.....	1	0	c16
.....uuuaaggaguuguuaggacauguuaA.....	1	1	c16
.....uuaaggaguuguuaggacaugu.....	3	0	c16
.....aggaguuguuaggacauguA.....	1	1	c16
.....ggaguuguuaggacaugu.....	1	0	c16
.....acgcccugGcuuccucuaaag.....	2	1	c16
.....acgcccugacuuccucuaaag.....	1	0	c16
.....Ccgcccugacuuccucuaaagc.....	6	1	c16
.....acgcccugacuuccucuaaCgc.....	1	1	c16
.....acgcccugacuuccucuaaagc.....	12	0	c16
.....acgcccugGcuuccucuaaagc.....	4	1	c16
.....Ccgcccugacuuccucuaaagca.....	1	1	c16
.....acgcccugacuuccucuaaagca.....	1	0	c16
.....uccugguacauucuucgagaUcuucu.....	2	1	c16

.....uuuaaggaguuguuagga.....	2	0	c04
.....uuuaaggaguuguuaggac.....	3	0	c04
.....uuuaaggaguuguuaggaA.....	1	1	c04
.....uuuaaggaguuguuaggaca.....	1	0	c04
.....uuuaaggaguuguuaggacau.....	1	0	c04
.....uuuaaggaguuguuaggacaug.....	4	0	c04
.....uuuaaggaguuguuaggacaugu.....	38	0	c04
.....uuuaaggaguuguuagCacaugu.....	1	1	c04
.....Guuaaggaguuguuaggacaugu.....	4	1	c04
.....uuuaaggaguuguuaggacauguA.....	2	1	c04
.....uuuaaggaguuguuaggacauguuU.....	1	1	c04
.....uuuaaggaguuguuaggacauguAa.....	2	1	c04
.....uugcaguacacgcccugacuucc.....	1	0	c04
.....acgcccugacuuccucuaaagcaA.....	1	1	c04
.....uccugguacauucuucgagaUcuuc.....	1	1	c04
.....uacauucuucgGgagcuucuacggu	1	1	c04
.....uacauucuucgagagcuucuacggu	1	0	c04

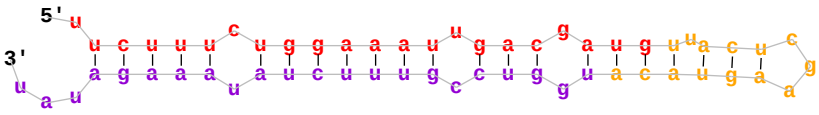
.....uuuaaggaguuguuaggaca.....	1	0	c15
.....uuuaaggaguuguuaggacau.....	2	0	c15
.....uuuaaggaguuguuaggacauA.....	1	1	c15
.....uuuaaggaguuguuaggacaug.....	5	0	c15
.....uuuaaggaguuguuaggacaugu.....	249	0	c15

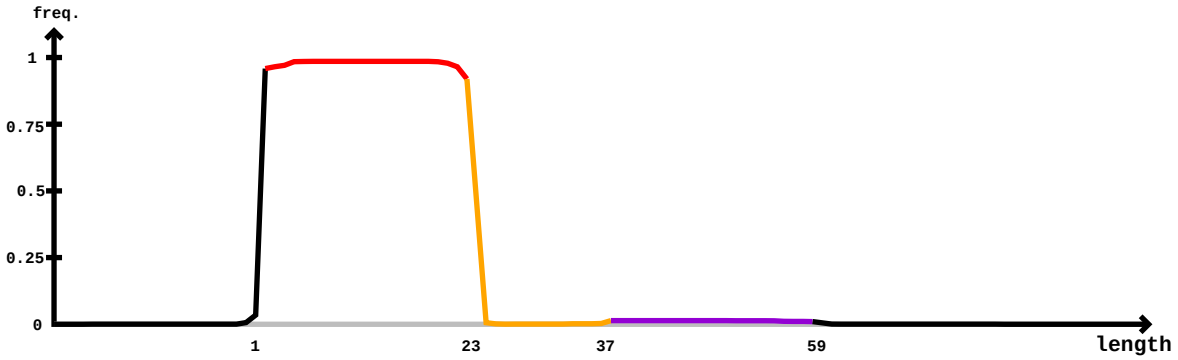
Mature Star

uuacaaaaccggucugucgcuuuaaggaguuguuaggacauguuacuugcaguacacgcccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacggu

.....uuuaaggaguuguuaggacUugu.....	1	1	c15
.....uuuaaggaguuguuaggacaugC.....	1	1	c15
.....uuuaaggaguuguuaggacGugu.....	1	1	c15
.....uuuaaggaguuguuaggacauguA.....	1	1	c15
.....uuuaaggaguuguuaggacauguu.....	12	0	c15
.....uuuaaggaguuguuaggacauguuU.....	4	1	c15
.....uuaaggaguuguuaggacaugu.....	3	0	c15
.....acgcccugacAuccucuaaag.....	1	1	c15
.....acgcccugGcuuccucuaaag.....	12	1	c15
.....acgcccugacuuccucuaaag.....	8	0	c15
.....acgcccuAacuuccucuaaagc.....	1	1	c15
.....acgAccugacuuccucuaaagc.....	1	1	c15
.....acgcccugacuuccucuaaagc.....	75	0	c15
.....acgcccugGcuuccucuaaagc.....	24	1	c15
.....acgcccugacuuccucuaaagca.....	2	0	c15
.....cccugacuuccucuaaagc.....	2	0	c15
.....ccuAacuuccucuaaagc.....	1	1	c15
.....uuuaaggaguuguuagga.....	3	0	c02
.....Guuaaggaguuguuagga.....	1	1	c02
.....uuuaaggaguuguuaggac.....	1	0	c02
.....uuuaaggaguuguuaggaca.....	6	0	c02
.....Guuaaggaguuguuaggacau.....	1	1	c02
.....uuuaaggaguuguuaggacau.....	6	0	c02
.....uuuaaggaguuguuaggCcaug.....	1	1	c02
.....uuuaaggaguuguuaggaUaug.....	1	1	c02
.....Guuaaggaguuguuaggacaug.....	2	1	c02
.....uuuaaggaguuguuaggacaug.....	9	0	c02
.....uuuaaggaguuguuagCacaugu.....	1	1	c02
.....uuuaaggagAuguuaggacaugu.....	1	1	c02
.....Auuaaggaguuguuaggacaugu.....	1	1	c02
.....Guuaaggaguuguuaggacaugu.....	37	1	c02
.....uuuaaggaguuguuaggCcaugu.....	1	1	c02
.....uuuaaUgaguuguuaggacaugu.....	1	1	c02
.....uuuaaggGguuguuaggacaugu.....	1	1	c02
.....uuuaaggaguuguuaggacaugu.....	302	0	c02
.....uuuaCggaguuguuaggacaugu.....	1	1	c02
.....uuuaaggaguuguuaggacauguA.....	2	1	c02
.....uuuaaggaguuguuaggacauguG.....	2	1	c02
.....uuuaaggaguuguuaggacauguu.....	3	0	c02
.....uuuaaggaguuguuaggacauguuU.....	1	1	c02
.....uuuaaggaguuguuaggacauguAa.....	1	1	c02
.....uuaaCgaguuguuaggacaugu.....	1	1	c02
.....uuaaggaguuguuaggacaugu.....	2	0	c02
.....Caaggaguuguuaggacaugu.....	2	1	c02
.....aaggaguuguuaggacaugu.....	1	0	c02
.....acgcccugacuuccucuaaa.....	1	0	c02
.....acgcccugGcuuccucuaaagc.....	1	1	c02
.....Ccgcccugacuuccucuaaagc.....	1	1	c02
.....acgcccugacuuccucuaaagc.....	1	0	c02

Provisional ID	:	group19_29805
Score total	:	1373.1
Score for star read(s)	:	3.9
Score for read counts	:	1366.5
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	2692
Mature read count	:	2660
Loop read count	:	0
Star read count	:	32





Mature **Star**

```
5'- auguuuaaaccggacuguaauucuuucuggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac  -3'   obs
    auguuuaaaccggacuguaauucuuucuggaaauugacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac        exp
    ((((((...(((((((((....(((((.(((((((.(((.((((.(((...)))))))).)))).)))))))).)))))...))))))))))))))))(((((.((....)).)))))..  reads    mm    sample
    ..................auucuuucuggaaauugacgau.....................................................................................  1        0     c04
    ..................auucuuucuggaaauugacgaug....................................................................................  1        0     c04
    ..................uucuuucuggaaauugacg.......................................................................................  1        0     c04
    ..................uucuuucuggaaauugacga......................................................................................  1        0     c04
    ..................Gucuuucuggaaauugacgau.....................................................................................  1        1     c04
    ..................uucuuucuggaaauugacgau.....................................................................................  2        0     c04
    ..................uucuuucuggaaauugacgaGg....................................................................................  1        1     c04
    ..................Gucuuucuggaaauugacgaug....................................................................................  5        1     c04
    ..................uucuuucuggaaauugacgaug....................................................................................  56       0     c04
    ..................uucuuucuggaaauugacgaugG...................................................................................  1        1     c04
    ..................uucuuucuggaaauugacgaugA...................................................................................  1        1     c04
    ..................uucuuucuggaaauugacgaugu...................................................................................  3        0     c04
    ..................uucuuucuggaaauugacgauguC..................................................................................  1        1     c04
    ..................uucuuucuggaaauugacgauguAa.................................................................................  1        1     c04
    ..................ucuuucuggaaauugacgaugu....................................................................................  1        0     c04
    ..................cuuucuggaaauugacgaug......................................................................................  2        0     c04
    ..................uuucuggaaauugacgaug.......................................................................................  2        0     c04
    ..................................................ucgaaguacaugguccguuucuau.................................................  1        0     c04
    ..................................................................ugguccguuucuauaaagaua.................................  1        0     c04

    ..guuuaaaccggacuguaauuc.....................................................................................................  1        0     c16
    ..................aauucuuucuggaaauugacga.....................................................................................  1        0     c16
    ..................aauucuuucuggaaauugacgaug...................................................................................  4        0     c16
    ..................aauucuuucugCaaauugacgaug...................................................................................  1        1     c16
    ..................auucuuucuggaaauugacgau.....................................................................................  6        0     c16
    ..................Guucuuucuggaaauugacgaug...................................................................................  1        1     c16
    ..................Cuucuuucuggaaauugacgaug...................................................................................  1        1     c16
    ..................auCcuuucuggaaauugacgaug...................................................................................  1        1     c16
    ..................auucuuucuggaaauugacgaug...................................................................................  15       0     c16
    ..................auucuuucuggaaauugacgaugA..................................................................................  1        1     c16
    ..................uucuuucuggaaauugacg.......................................................................................  3        0     c16
    ..................Gucuuucuggaaauugacg.......................................................................................  1        1     c16
    ..................uucuuucuggaaauugacga......................................................................................  10       0     c16
```

Mature Star

auguuuaaaccggacuguaauucuuucuggaaauugacgauguuacucgaaguacauggucccguuucuauaaagauauucaguccggggacauucuucgagggcucaaagaac

.....Gucuuucuggaaauugacga.....	1	1	c16
.....uucuuucuggaaauugacgau.....	37	0	c16
.....Gucuuucuggaaauugacgau.....	6	1	c16
.....uucuAucuggaaauugacgaug.....	1	1	c16
.....uucuuAcuggaaauugacgaug.....	1	1	c16
.....Aucuuucuggaaauugacgaug.....	2	1	c16
.....uucuuucuggaaauugacgauU.....	1	1	c16
.....uucAuucuggaaauugacgaug.....	1	1	c16
.....Gucuuucuggaaauugacgaug.....	56	1	c16
.....uucuuucuCgaaauugacgaug.....	1	1	c16
.....uucuuucuggaaauugaAgaug.....	1	1	c16
.....uucuuucuggaaauugacgaug.....	543	0	c16
.....uucuCucuggaaauugacgaug.....	1	1	c16
.....uucuuucuggaaUuugacgaug.....	1	1	c16
.....uucuuucuggaaauugaGgaug.....	1	1	c16
.....uucuuucuggaaauugacgaugA.....	1	1	c16
.....uucuuucuggaaauugacgaugu.....	29	0	c16
.....Gucuuucuggaaauugacgaugu.....	2	1	c16
.....uucuuucuggaaauugacgauUu.....	1	1	c16
.....uucuuucuggaaauugacgaugGu.....	1	1	c16
.....uucuuucuggaaauugacgauguA.....	3	1	c16
.....uucuuucuggaaauugacgauguu.....	3	0	c16
.....uucuuucuggaaauugacgauguC.....	1	1	c16
.....uucuuucuggaaauugacgauguAa.....	2	1	c16
.....Gcuuucuggaaauugacgaug.....	1	1	c16
.....ucuuucuggaaauugacgaugu.....	1	0	c16
.....cuuucuggaaauugacgaug.....	1	0	c16
.....uuucuggaaauugacgau.....	2	0	c16
.....uuucuCgaaauugacgaug.....	1	1	c16
.....uuuGuggaaauugacgaug.....	1	1	c16
.....uuucuggaaauugacgaug.....	19	0	c16
.....uuucuggaaauugacgaugG.....	1	1	c16
.....uucuggaaauugacgaug.....	1	0	c16
.....ucuggaaauugacgaugA.....	1	1	c16
.....acucgaaguacaugAuccguuucua.....	1	1	c16
.....uacaugguccguuucuauaaag.....	1	0	c16
.....ugAuccguuucuauaaag.....	1	1	c16
.....ugguccguuucuauaaaga.....	1	0	c16
.....ugguccguuucuauaaagauau.....	4	0	c16
.....ugAuccguuucuauaaagauau.....	1	1	c16
.....ugguccguuucuauaaagauaucU.....	1	1	c16
.....aaagauaucaguccggggacauucuuc.....	1	0	c16

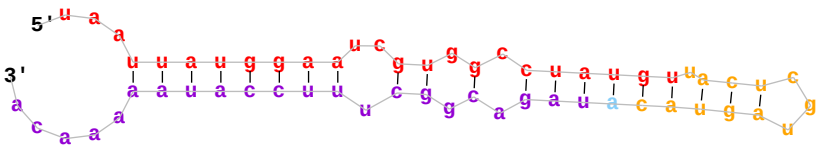
.....aauucuuucuggaaauugacgaug.....	2	0	c09
.....auucuuucuggaaauugacg.....	1	0	c09
.....auucuuucuggaaauugacgau.....	2	0	c09
.....auucuuucuggaaauugacgaug.....	3	0	c09
.....uucuuucuggaaauugac.....	3	0	c09
.....uucuuucuggaaauugacg.....	2	0	c09
.....uucuuucuggaaauugacga.....	6	0	c09
.....Aucuuucuggaaauugacgau.....	1	1	c09
.....uucuuucuggaaauugacgau.....	12	0	c09
.....Gucuuucuggaaauugacgau.....	3	1	c09
.....uucuuucCggaaauugacgaug.....	1	1	c09
.....uucuuucuggaaaAugacgaug.....	2	1	c09
.....uucuuucuggaaauCgacgaug.....	1	1	c09
.....Gucuuucuggaaauugacgaug.....	14	1	c09
.....uuAuuucuggaaauugacgaug.....	1	1	c09
.....uucuuucuggaaauugacgaug.....	173	0	c09
.....Gucuuucuggaaauugacgaugu.....	1	1	c09
.....uucuuucuggaaauugacgaugA.....	3	1	c09
.....uucuuucuggaaauugacgaugG.....	1	1	c09
.....uucuuucuggaaauugacgaugu.....	10	0	c09
.....ucuuucuggaaauugacgaug.....	1	0	c09
.....cuuucuggaaauugacgau.....	1	0	c09
.....cuuucuggaaauugacgaug.....	2	0	c09
.....uuucuggaUauugacgaug.....	1	1	c09
.....Guucuggaaauugacgaug.....	1	1	c09
.....uuucuggaaauugacgaug.....	9	0	c09
.....uucuggaaauugacgaug.....	1	0	c09

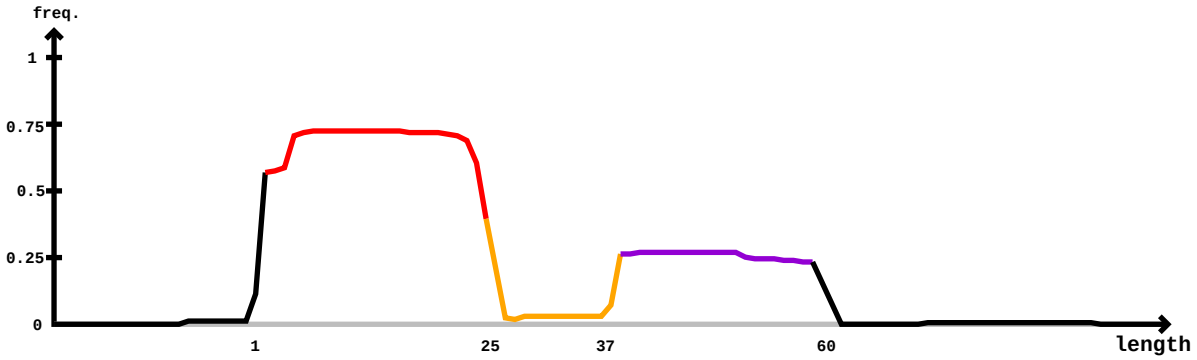
Mature Star

auguuuaaaccggacuguaauucuuucuggaaauugacgaguuuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagggcucaaagaac

.....augAuccguuucuauaaagauau.....	2	1	c09
.....ugguccguuucuauaaag.....	2	0	c09
.....Ggguccguuucuauaaagauau.....	1	1	c09
.....ugAuccguuucuauaaagauau.....	1	1	c09
.....aauucuuucuggaaauugaUgau.....	1	1	c15
.....aauucuuucuggaaauugacgaug.....	6	0	c15
.....aauucuuucuggaaauugacgaugu.....	1	0	c15
.....auucuuucuggaaauugacgau.....	13	0	c15
.....auucuuucuggaaauugacgaug.....	22	0	c15
.....auucuuucuggaaauugacgauU.....	1	1	c15
.....Cuucuuucuggaaauugacgaugu.....	1	1	c15
.....auucuuucuggaaauugacgauguu.....	1	0	c15
.....uucuuucuggaaauugacg.....	4	0	c15
.....uucuuucuggaaauugacga.....	16	0	c15
.....uucuuucuggaaauugacgau.....	23	0	c15
.....uucuuucuggaaauugacUaug.....	2	1	c15
.....uucuuucuggaaauugacgUug.....	1	1	c15
.....uucuuucCggaaauugacgaug.....	2	1	c15
.....uucuuucuggaaauugacgauC.....	3	1	c15
.....uucuuucuggaaauuAacgaug.....	1	1	c15
.....uuUuuucuggaaauugacgaug.....	1	1	c15
.....uucuuucuggaaauugacgauU.....	1	1	c15
.....uucuuuUuggaaauugacgaug.....	3	1	c15
.....uGcuuucuggaaauugacgaug.....	1	1	c15
.....uucuuucuggaaauuUacgaug.....	1	1	c15
.....uucuuucuggaaauugacgauA.....	18	1	c15
.....uucuuucuggaaauugacgaug.....	1125	0	c15
.....uucuuucuggaaGuugacgaug.....	1	1	c15
.....uucuuucAggaaauugacgaug.....	1	1	c15
.....uuAuuucuggaaauugacgaug.....	1	1	c15
.....uAcuuucuggaaauugacgaug.....	1	1	c15
.....uucuuucuggaaauugacgUugu.....	1	1	c15
.....uucuuucuggaaauugacgaugu.....	62	0	c15
.....uucuuucugCaaauugacgaugu.....	1	1	c15
.....uucuuucuggaaauugacgaugA.....	4	1	c15
.....uucuuucuggaaauugacgauguA.....	1	1	c15
.....uucuuucuggaaauugacgauguu.....	1	0	c15
.....ucuuucuggaaauugacgaug.....	8	0	c15
.....ucuuucuggaaauugacgaugu.....	5	0	c15
.....ucuuucuggaaauugacgauguu.....	1	0	c15
.....cuuucuggaaauugacgaug.....	1	0	c15
.....uacaugguccguuucuauaaa.....	1	0	c15
.....uacaugguccguuucuauaaag.....	1	0	c15
.....augguccguuucuauaaagauau.....	1	0	c15
.....ugguccguuucuauaaagaua.....	1	0	c15
.....ugAuccguuucuauaaagauau.....	4	1	c15
.....ugguccguuucuauaaagauau.....	9	0	c15
.....ugguccguuucuauaaagauauU.....	1	1	c15
.....auucuuucuggaaauugacg.....	2	0	c02
.....auucuuucuggaaauugacUau.....	1	1	c02
.....auucuuucuggaaauugacgau.....	2	0	c02
.....uucuuucuggaaauugac.....	1	0	c02
.....uucuuucuggaaauugacg.....	1	0	c02
.....uucuuucuggaaauugacga.....	1	0	c02
.....uucuuucuggaaauugacgau.....	8	0	c02
.....Gucuuucuggaaauugacgau.....	1	1	c02
.....uucuuAcuggaaauugacgaug.....	1	1	c02
.....Gucuuucuggaaauugacgaug.....	24	1	c02
.....uucuuucuggaaauugacgaug.....	144	0	c02
.....Gucuuucuggaaauugacgaugu.....	2	1	c02
.....uucuuucuggaaauugacgaugu.....	14	0	c02
.....uucuuucuggaaauugacgaugA.....	2	1	c02
.....ucuuucuggaaauugacgaugu.....	1	0	c02
.....cuuucuggaaauugacgaug.....	7	0	c02
.....uuucuggaaauugacgaug.....	1	0	c02
.....ugAuccguuucuauaaagauau.....	1	1	c02

Provisional ID	:	group19_29809
Score total	:	81.1
Score for star read(s)	:	3.9
Score for read counts	:	75.1
Score for mfe	:	1.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	159
Mature read count	:	119
Loop read count	:	0
Star read count	:	40





Mature **Star**

```
5'- uguuuaaaccuggcuguuguuaauuauggaaucguggccuauguuacucguaguacauagacggcuuuccauaaaaaacaccagcccugguacauucuucaagugaucuacuaug  -3'   obs
    uguuuaaaccuggcuguuguuaauuauggaaucguggccuauguuacucguaguacauagacggcuuuccauaaaaaacaccagcccugguacauucuucaagugaucuacuaug        exp
    .....(((.(((((.((((..(((((((((..((.(.(((((((.(((...))))))))).).)).)))))))).))))).))))))..)))..........................  reads      mm         sample
    ..................uuaauuauggaaucguggccua.....................................................................  1          0          c15
    ..................uuaauuauggaaucguggccuau.....................................................................  2          0          c15
    ..................uuaauuauggaaucguggccuaug....................................................................  5          0          c15
    ..................uuaauuauggaaucguggccuaugu...................................................................  2          0          c15
    ..................uuaauuauggaaucguggccuaugA...................................................................  1          1          c15
    ..................uaauuauggaaucguggccuau......................................................................  2          0          c15
    ..................uaauuauggaaucguggccuaug.....................................................................  4          0          c15
    ..................uaauuauggaaucguggccuauA.....................................................................  1          1          c15
    ..................uaauuauggaaucguggccuaugu....................................................................  24         0          c15
    ..................uaauuauggaaucguggccuauguu...................................................................  3          0          c15
    ..................aauuauggaaucgGggccuauguu....................................................................  1          1          c15
    ....................uauggaaucguggccuau.........................................................................  1          0          c15
    ..............................................uacucguaguacauagacggcuuuccauUa.....................................  1          1          c15
    ..............................................ucguaguacauagacggcuuucc.............................................  1          0          c15
    ..........................................................auagacggcuuuccauaaaa.....................................  1          0          c15
    ..........................................................auagacggcuuuccauaaaaac...................................  5          0          c15
    ..........................................................auagacggcuuuccauaaaaacU..................................  1          1          c15
    ..........................................................uagacggcuuuccauaaaaac.....................................  4          0          c15
    ..........................................................uagacggcuuuccauaaaaaca....................................  19         0          c15
    ..........................................................uagacggcuuuccauaaaaacU...................................  5          1          c15

    ..................uuaauuauggaaucguggccuaug....................................................................  1          0          c02
    ..................uaauuauggaaucguggccuaug.....................................................................  1          0          c02
    ..................uaauuauggaaucguggccuaugu....................................................................  5          0          c02
    ..........................................................uagacggcuuuccauaaaaaca....................................  1          0          c02

    ..................uuaauuauggaaucguggccuaug....................................................................  1          0          c09
    ..................Gaauuauggaaucguggccuaug.....................................................................  1          1          c09
    ..................uaauuauggaaucguggccuaug.....................................................................  1          0          c09
    ....................auuauggaaucguggccuaugu.....................................................................  1          0          c09
    ....................uuauAgaaucguggccuaug.......................................................................  1          1          c09
    ....................uuauggaaucguggccuaug.......................................................................  4          0          c09
    ....................uauggaaucguggccuaugu.......................................................................  1          0          c09
```

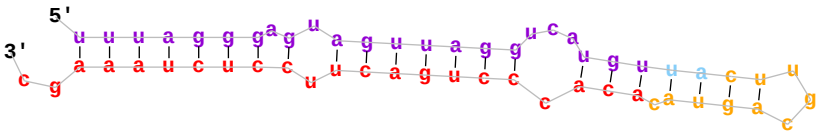
Mature Star

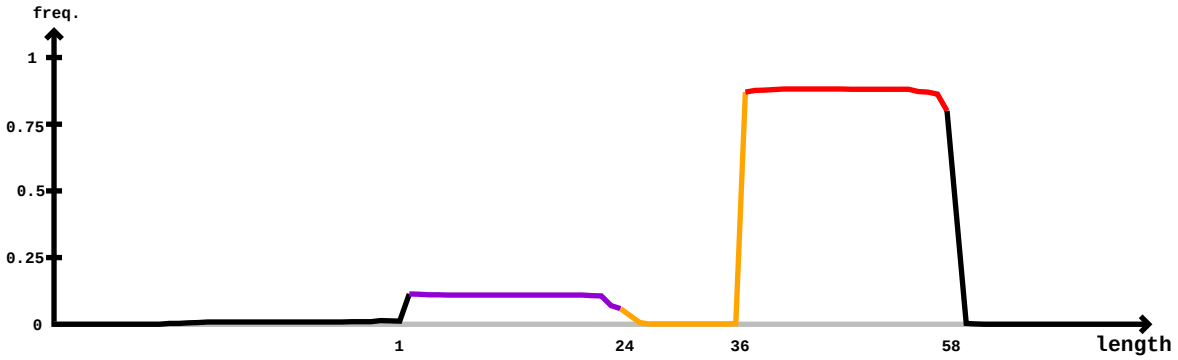
```
uguuuaaaccuggcuguuguuaauuauggaaucguggccuauguuacucguaguacauagacggcuuuccauaaaaaacaccagcccugguacauucuucaagugaucuacuaug
.....................................................gacggcuuuccauaaaaaca.....  1  0  c09
.....................................................uaUauucuucaagugauc.....  1  1  c09

...........gcuguuguuaCuuauggaaucgu.....  1  1  c16
...........gcuguuguuaauuaugAaaucguggcc.....  1  1  c16
.................uuaauuauggaaucguggccu.....  1  0  c16
.................uuaauuauggaaucguggccuaug.....  2  0  c16
.................uuaauuauggaaucguggccuaugu.....  1  0  c16
.................uaauuauggaaucguggccua.....  1  0  c16
.................Gaauuauggaaucguggccua.....  1  1  c16
.................Gaauuauggaaucguggccuau.....  1  1  c16
.................Aaauuauggaaucguggccuau.....  1  1  c16
.................uaauuauggaaucguggccuau.....  3  0  c16
.................uaauuauggaaucguggccuaug.....  2  0  c16
.................Gaauuauggaaucguggccuaugu.....  2  1  c16
.................uaauuauggaaucguggccuaugu.....  13  0  c16
.................uaauuauggaaucguggccuauguu.....  1  0  c16
.....................auuauggaaucguggccuauA.....  1  1  c16
.....................uuauggaaucguggccuau.....  1  0  c16
.....................uuauggaaucguggccuaug.....  6  0  c16
.....................Guauggaaucguggccuaug.....  2  1  c16
.....................uuauggaaucguggccuaugu.....  3  0  c16
.....................auggaaucguggccuaugu.....  1  0  c16
.............................................acucguaguacauagacggcuuucc.....  1  0  c16
.............................................ucguaguacauagacggcuuucca.....  1  0  c16
.....................................................uagacggcuuuccauaaaaaca.....  3  0  c16

.................uaauuauggaaucguggccuau.....  2  0  c04
.................uaauuauggaaucguggccuaug.....  1  0  c04
.................Gaauuauggaaucguggccuaugu.....  1  1  c04
.................uaauuauggaaucguggccuaugu.....  4  0  c04
.................uaauuauggaaucguggccuauguua.....  1  0  c04
.....................uuauggaaucguggccuau.....  1  0  c04
.....................uuauggaaucguggccuaug.....  1  0  c04
.....................uuauggaaucguggccuauguu.....  1  0  c04
.........................................uacucguaguacauagacggcuuucc.....  1  0  c04
```

Provisional ID	:	group19_29812
Score total	:	476.6
Score for star read(s)	:	3.9
Score for read counts	:	466.6
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	927
Mature read count	:	829
Loop read count	:	0
Star read count	:	98





Star **Mature**

```
5'- ccuuccucauaaagauuucaaaaccggucugucgcuuuagggaguaguuaggucauguuacuugcaguacacacccugacuuccucuaaagcagcaguccugguauauucuu  -3'   obs
    ccuuccucauaaagauuucaaaaccggucugucgcuuuagggaguaguuaggucauguuacuugcaguacacacccugacuuccucuaaagcagcaguccugguauauucuu        exp
    ......................(((((.((((.((((((((((.(.(((((((...(((((((...)))).))).)))))))).))))))))))).)))).))).)))........
```

reads	mm	sample
1	1	c04
1	1	c04
1	1	c04
4	0	c04
2	1	c04
1	1	c04
1	0	c04
2	1	c04
1	1	c04
2	0	c04
1	1	c04
2	0	c16
1	0	c16
2	0	c16
1	1	c16
1	0	c16
1	1	c16
1	1	c16
1	1	c16
8	0	c16
2	0	c16
2	1	c16
19	0	c16
1	1	c16
1	1	c16
1	1	c16
1	0	c16
2	0	c16
1	1	c16
14	1	c16
3	1	c16
23	0	c16

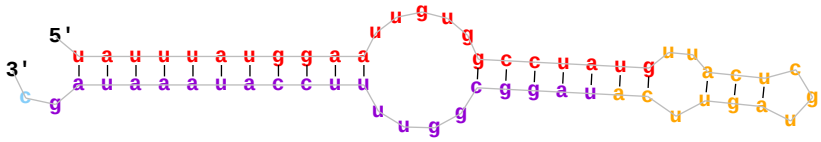
Star Mature

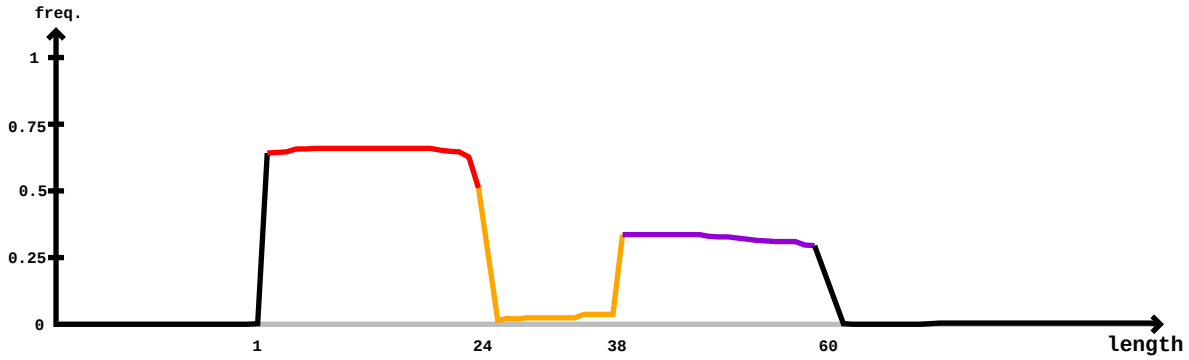
ccuuccucauaaagauuucaaaaccggucugucgcuuuagggaguaguuaggucauguuacuugcaguacacacccugacuuccucuaaagcagcaguccugguauauucuu

.....Ccacccugacuuccucuaaagca.....	2	1	c16
.....acacccugacuuccucuaaagcaA.....	1	1	c16
.....Guuagggaguaguuaggucau.....	1	1	c09
.....uuuagggaguaguuaggucaugu.....	2	0	c09
.....uuuagggaguaguuaggucauguu.....	1	0	c09
.....uuuagggaguaguuaggucauguua.....	1	0	c09
.....Ccacccugacuuccucua.....	1	1	c09
.....acacccuAacuuccucua.....	2	1	c09
.....acacccuAacuuccucuaa.....	1	1	c09
.....Ccacccugacuuccucuaaa.....	1	1	c09
.....acacccugacuuccucuaaag.....	3	0	c09
.....acacccuAacuuccucuaaagc.....	2	1	c09
.....acacccugacuuccucuaaagc.....	18	0	c09
.....acacccugacuuAcucuaaagc.....	1	1	c09
.....Ccacccugacuuccucuaaagc.....	7	1	c09
.....acacccugacuuccucuaaagca.....	1	0	c09
.....ccugacuuccucuaaagcagc.....	1	0	c09
.....uuuagggaguaguuagguca.....	1	0	c02
.....uuuagggaguaguuaggucau.....	1	0	c02
.....Guuagggaguaguuaggucau.....	1	1	c02
.....uuuagggaguaguuaggucaug.....	1	0	c02
.....uuuagggaguaguuaggucaugu.....	2	0	c02
.....Guuagggaguaguuaggucaugu.....	2	1	c02
.....cacacccugacuuccucuaaa.....	1	0	c02
.....acacccuAacuuccucua.....	2	1	c02
.....acacccugacuuccucua.....	1	0	c02
.....acacccugacuuccucuaaa.....	2	0	c02
.....acacccugacuuccucuaaag.....	3	0	c02
.....Ccacccugacuuccucuaaag.....	3	1	c02
.....acacccuAacuuccucuaaagc.....	3	1	c02
.....Ccacccugacuuccucuaaagc.....	5	1	c02
.....acacccugacuuccucuaaagc.....	8	0	c02
.....cacccugacuuccucuaaagc.....	1	0	c02
.....ugucgcuuuagggaguaguuagg.....	1	0	c15
.....cgcuuuagggaguaguuaggucau.....	3	0	c15
.....cgcuuuagggaguaguuaggucaugu.....	1	0	c15
.....uuuagggaguGguuaggucau.....	2	1	c15
.....uuuagggaguaguuaggucaC.....	1	1	c15
.....uuuagggaguaguuaggucau.....	15	0	c15
.....uuuagggaguaguuaggucaug.....	5	0	c15
.....uuuagggaguGguuaggucaug.....	1	1	c15
.....uuuagggaguaguuGggucaug.....	1	1	c15
.....uuuagggaguaguuaggucauA.....	1	1	c15
.....uuuagggaguGguuaggucaugu.....	1	1	c15
.....uuuagUgaguaguuaggucaugu.....	1	1	c15
.....uuuagggaguaguuaggucaugu.....	10	0	c15
.....uuuagggaguaguuaggucauguu.....	1	0	c15
.....uuuagggaguaguuaggucauguua.....	1	0	c15
.....uuuagggaguaguuaggucauguuU.....	1	1	c15
.....ucauguuacuugcaguacacacccugacu.....	1	0	c15
.....acacccuAacuuccucua.....	1	1	c15
.....acacccugacuuccucuaaa.....	1	0	c15
.....acacccugacuuccucuaaag.....	35	0	c15
.....acacccugacuuccucuaaaA.....	2	1	c15
.....acacccugacuuccucuCaag.....	1	1	c15
.....acacccuAacuuccucuaaag.....	10	1	c15
.....acacccugacuuccucuaaagU.....	1	1	c15
.....acacccugaUuuccucuaaagc.....	1	1	c15
.....acacccugacuuccucuCaagc.....	1	1	c15
.....acacccugacuuccucuaaagc.....	287	0	c15
.....acacccuAacuuccucuaaagc.....	342	1	c15
.....acacccugacuuccucuaaagcU.....	9	1	c15
.....acacccuAacuuccucuaaagca.....	2	1	c15
.....acacccugacuuccucuaaagca.....	3	0	c15
.....acacccugacuuccucuaaagcC.....	1	1	c15
.....cacccugacuuccucuaaagc.....	2	0	c15
.....Uacccugacuuccucuaaagc.....	1	1	c15

2	1	c15
1	1	c15
2	0	c15
1	1	c15

Provisional ID	:	group19_29813
Score total	:	224.3
Score for star read(s)	:	3.9
Score for read counts	:	217.8
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	439
Mature read count	:	302
Loop read count	:	0
Star read count	:	137





Mature **Star**

```
5'- uguuuaagccuggcuguuguuauuuauggaauuguggccuauguuacucguaguucauaggcgguuuuccauaaauagcaacccugguauauucuucgaaggcacuuaugaug  -3'   obs
    uguuuaagccuggcuguuguuauuuauggaauuguggccuauguuacucguaguucauaggcgguuuuccauaaauagcaacccugguauauucuucgaaggcacuuaugaug        exp
    .(..((.(((.((..(((((((((((((((((.....(((((((..(((...))).)))))))....))))))))))))))))).))).))..)..................  reads     mm        sample
    ...................uaCuuauggaauuguggccua.....................................................................  1         1         c02
    ...................uauuuauggaauuguggccuau....................................................................  1         0         c02
    ...................uaCuuauggaauuguggccuaug...................................................................  3         1         c02
    ...................uauuuauggaauuguggccuaug...................................................................  3         0         c02
    .....................uuauggaauuguggAcuaug.....................................................................  1         1         c02
    ......................auggaauuguggccuaug......................................................................  1         0         c02
    ..........................................................uGggcgguuuuccauaaauag.............................  1         1         c02
    ..........................................................uaggcgguuuuccauaaauag.............................  1         0         c02
    ..........................................................Gaggcgguuuuccauaaauag.............................  1         1         c02
    ..........................................................uaggcgguuuuccauaaauagU............................  1         1         c02
    ..........................................................uaggcgguuuuccauaaauagc............................  2         0         c02
    ..........................................................uGggcgguuuuccauaaauagc............................  2         1         c02
    ..........................................................uaggcgguuuuccauaaauagca...........................  1         0         c02

    ...................uuauuuauggaauuguggccuau...................................................................  1         0         c15
    ...................uaCuuauggaauuguggcc.......................................................................  1         1         c15
    ...................uauuuauggaauuguggccua.....................................................................  3         0         c15
    ...................uaCuuauggaauuguggccua.....................................................................  2         1         c15
    ...................uauuuauggaauuguggccuau....................................................................  14        0         c15
    ...................uaCuuauggaauuguggccuau....................................................................  16        1         c15
    ...................uauuuauAgaauuguggccuaug...................................................................  1         1         c15
    ...................uaCuuauggaauuguggccuaug...................................................................  95        1         c15
    ...................uauuuauggaauuguggccuauU...................................................................  1         1         c15
    ...................uauuuauggaauuguggccuaug...................................................................  52        0         c15
    ...................uauuuauggaauuguggAcuaug...................................................................  1         1         c15
    ...................uaCuuauggaauuguggccuaugu..................................................................  9         1         c15
    ...................uauuuauggaauuguggccuaugu..................................................................  1         0         c15
    ...................uauuuauggaauuguggccuauguuU................................................................  1         1         c15
    ....................aCuuauggaauuguggccuaug...................................................................  1         1         c15
    ..........................................................uucauaggcgguuuuccauaaau..........................  5         0         c15
    ..........................................................uaggcggAuuuccauaaauag.............................  1         1         c15
    ..........................................................uaggcgguuuuccauaaauag.............................  29        0         c15
    ..........................................................uGggcgguuuuccauaaauag.............................  16        1         c15
```

Mature **Star**

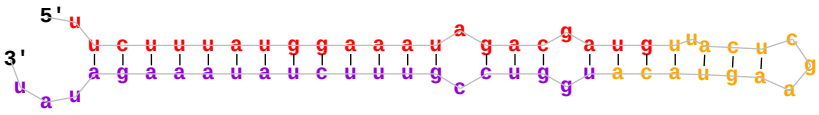
```
uguuuaagccuggcuguugauauuuauggaauuguggccuauguuacucguaguucauaggcgguuuuccauaaauagcaacccugguauauucuucgaaggcacuuaugaug
                                                  uGggcgguuuuccauaaauagc                                  27  1  c15
                                                  uaggcgguuuuccauaaauagU                                  3   1  c15
                                                  uaggcgguuuuccauaaauagc                                  19  0  c15
                                                  uGggcgguuuuccauaaauagca                                 1   1  c15

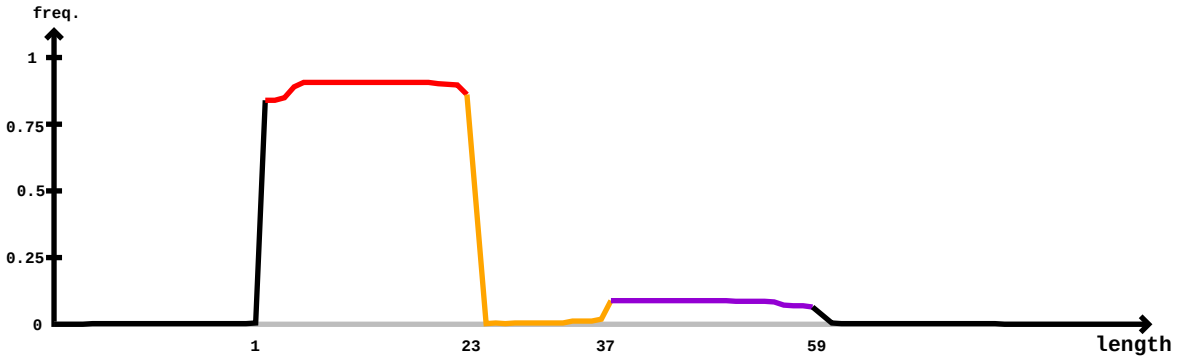
                                  uaCuuauggaauuguggccu                                                    1   1  c09
                                  uaCuuauggaauuguggccuau                                                  2   1  c09
                                  uauuuauggaauuguggccuaug                                                 1   0  c09
                                  uaCuuauggaauuguggccuaug                                                 3   1  c09
                                  uaCuuauggaauuguggccuaugu                                                1   1  c09
                                  uuauggaauuguggccuaug                                                    1   0  c09
                                                  uucauaggcgguuuuccau                                     1   0  c09
                                                  uaggcgguuuuccauaaau                                     1   0  c09
                                                  uaggcgguuuuccauaaaua                                    1   0  c09
                                                  uGggcgguuuuccauaaauag                                   1   1  c09
                                                  uaggcgguuuuccauaaauag                                   6   0  c09
                                                  uaggcgguuuuccauaaauagA                                  1   1  c09
                                                  uaggcgguuuuccauaaauagc                                  1   0  c09
                                                  uaggcgguuuuccauaaauagca                                 1   0  c09

                                  uaCuuauggaauuguggc                                                      2   1  c16
                                  uauuuauggaauuguggc                                                      1   0  c16
                                  uauuuauggaUuuguggccua                                                   1   1  c16
                                  uaCuuauggaauuguggccua                                                   2   1  c16
                                  uaCuuauggaauuguggccuau                                                  13  1  c16
                                  Gauuuauggaauuguggccuau                                                  2   1  c16
                                  uauuuauggaauuguggccuau                                                  4   0  c16
                                  uaCuuauggaauuguggccuaug                                                 23  1  c16
                                  uauuuauggaauuguggccuaug                                                 9   0  c16
                                  uauuuauggaauuguggccuaugu                                                1   0  c16
                                  Cuuauggaauuguggccuaugu                                                  1   1  c16
                                  uuauggaauuguggccuaug                                                    1   0  c16
                                                  guuacucguaguucauaggcgguC                                1   1  c16
                                                  guuacucguaguucauaggcgguuuc                              1   0  c16
                                                  guuacucguaguucauaggcgguuuCc                             1   1  c16
                                                  Ccucguaguucauaggcgguuu                                  1   1  c16
                                                  Ccucguaguucauaggcgguuuucc                               1   1  c16
                                                  acucguaguucauGggcgguuuucca                              1   1  c16
                                                  ucguaguucauaggcgguuuCcca                                1   1  c16
                                                  uaggcgguuuuccauaaauag                                   6   0  c16
                                                  uGggcgguuuuccauaaauag                                   2   1  c16
                                                  Gaggcgguuuuccauaaauagc                                  1   1  c16
                                                  uaggcgguuuuccauaaauagc                                  2   0  c16
                                                  uGggcgguuuuccauaaauagc                                  1   1  c16
                                                  uGggcgguuuuccauaaauagca                                 1   1  c16
                                                  uaggcgguuuuccauaaauagUa                                 1   1  c16
                                                  uaggcgguuuuccauaaauagca                                 3   0  c16
                                                                                  uauucuucgaaggcacuuaugaug 1   0  c16
                                                                                  auucuucgaaggcacuuaugauU  1   1  c16

                                  uauuuauggaauuguggcc                                                     1   0  c04
                                  uauuuauggaauuguggccuau                                                  2   0  c04
                                  uaCuuauggaauuguggccuau                                                  2   1  c04
                                  uauuuauggaauuguggccuaug                                                 6   0  c04
                                  uaCuuauggaauuguggccuaug                                                 10  1  c04
                                  uaCuuauggaauuguggccuaugu                                                1   1  c04
                                  uuauggaauuguggccuaug                                                    2   0  c04
                                                  guuacucguaguucauaggcgguu                                1   0  c04
                                                  uacucguaguucauaggcgguu                                  1   0  c04
                                                  uacucguaguucauGggcgguuuucc                              1   1  c04
                                                  ucguaguucauGggcgguuuuccaua                              1   1  c04
                                                  uaggcgguuuuccauaaauagU                                  1   1  c04
                                                  uaggcgguuuuccauaaauagca                                 1   0  c04
                                                  uaggcgguuuuccauaaauagcaa                                1   0  c04
```

Provisional ID	:	group19_29815
Score total	:	210.4
Score for star read(s)	:	3.9
Score for read counts	:	203.5
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	411
Mature read count	:	379
Loop read count	:	0
Star read count	:	32





Mature **Star**

```
5'- auguuuaaaccggacuguaauucuuuauggaaauagacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagagcucaaagaac  -3'   obs
    auguuuaaaccggacuguaauucuuuauggaaauagacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagagcucaaagaac        exp
    ((((((...(((((((((....(((((((((((((.(((.((((.(((...)))))))).))).)))))))))))))...))))))))))))))).((((....)).)))).. reads     mm      sample
    ....................uucuuuauggaaauagacga.................................................................... 1         0       c15
    ....................uucuuuauggaaauagacgau................................................................... 4         0       c15
    ....................uucuuuauggaaauagacgaug.................................................................. 139       0       c15
    ....................uucuuuauggaaauagaUgaug.................................................................. 1         1       c15
    ....................uucuuuauggaaauagacgaugA................................................................. 1         1       c15
    ....................uucuuuauggaaauagacgaugu................................................................. 8         0       c15
    ......................uuuauggaaauagacgaug.................................................................... 1         0       c15
    ..........................................................uacaugguccguuucuauaaa.......................... 1         0       c15
    ..........................................................uacaugguccguuucuauaaag......................... 1         0       c15
    ..........................................................augguccguuucuauaaagauau........................ 1         0       c15
    ..........................................................ugguccguuucuauaaagaua.......................... 1         0       c15
    ..........................................................ugAuccguuucuauaaagauau......................... 4         1       c15
    ..........................................................ugguccguuucuauaaagauau......................... 9         0       c15
    ..........................................................ugguccguuucuauaaagauauU........................ 1         1       c15

    ....................uucuuuauggaaauagacg.................................................................... 1         0       c02
    ....................uucuuuauggaaauagacgau................................................................... 2         0       c02
    ....................uucuuuauggaaauagacgaug.................................................................. 15        0       c02
    ......................cuuuauggaaauagacgaug.................................................................. 1         0       c02
    ......................uuuauggaaauagacgaug.................................................................. 1         0       c02
    ......................uuuauggaaauagacgaugu................................................................. 1         0       c02
    .......................uauggaaauagacgaug.................................................................... 2         0       c02
    ..........................................................ugAuccguuucuauaaagauau......................... 1         1       c02

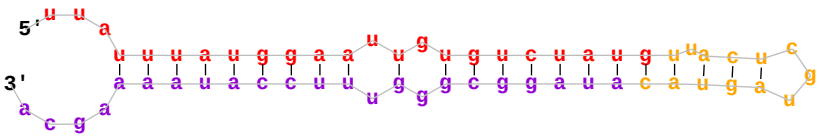
    ....................uucuuuauggaaauagacgau................................................................... 2         0       c09
    ....................uucuuuauggaaauagacgaug.................................................................. 7         0       c09
    ....................uucuuuauggaaauagacgauU.................................................................. 1         1       c09
    ....................uucuuuauggaaauagacgaugu................................................................. 1         0       c09
    ......................uuuauggaaauagacgaug.................................................................. 3         0       c09
    ......................Guauggaaauagacgaug.................................................................. 1         1       c09
    ......................uuauggaaauagacgaug.................................................................. 1         0       c09
    ..........................................................augAuccguuucuauaaagauau......................... 2         1       c09
    ..........................................................ugguccguuucuauaaag............................. 2         0       c09
```

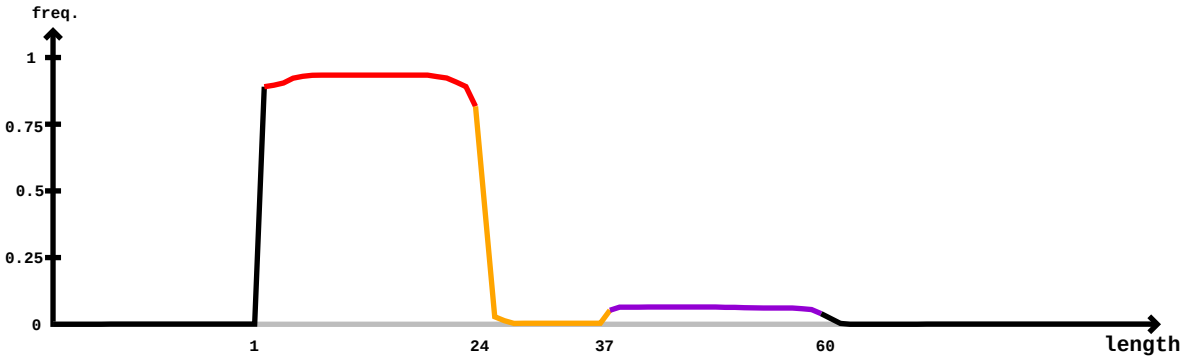
Mature Star

auguuuaaaccggacuguaauucuuuauggaaauagacgauguuacucgaaguacaugguccguuucuauaaagauaucaguccggggacauucuucgagagcucaaagaac

.....ugAuccguuucuauaaagauau.....	1	1	c09
.....Ggguccguuucuauaaagauau.....	1	1	c09
.....uucuuuauggaaauagac.....	2	0	c04
.....uucuuuauggaaauagacgau.....	1	0	c04
.....uucuuuauggaGauagacgaug.....	1	1	c04
.....uucuuuauAgaaauagacgaug.....	1	1	c04
.....Gucuuuauggaaauagacgaug.....	1	1	c04
.....uucuuuauggaaauagacgaug.....	15	0	c04
.....uucuuuauggaaauagacgauguAa.....	1	1	c04
.....cuuuauggaaauagacgaug.....	1	0	c04
.....uuuauggaaauagacgaug.....	1	0	c04
.....uuauggaaauagacgaug.....	1	0	c04
.....ucgaaguacaugguccguuucuau.....	1	0	c04
.....ugguccguuucuauaaagaua.....	1	0	c04
..guuuaaaccggacuguaauuc.....	1	0	c16
.....auucuuuauggaaauagacgaug.....	1	0	c16
.....uucuuuauggaaauagacgau.....	5	0	c16
.....uucuuuauggaaauagaUgau.....	1	1	c16
.....uucuuuauUgaaauagacgaug.....	2	1	c16
.....uucuuuauggaaauagaAgaug.....	2	1	c16
.....Gucuuuauggaaauagacgaug.....	9	1	c16
.....uucuuuaugCaaauagacgaug.....	1	1	c16
.....uucuuuauggaaauagacgaug.....	110	0	c16
.....Gucuuuauggaaauagacgaugu.....	2	1	c16
.....uucuuuauggaaauagacgaugu.....	12	0	c16
.....cuuuauggaaauagacgaug.....	2	0	c16
.....Guuauggaaauagacgaug.....	1	1	c16
.....uuuauggaaauagacgaug.....	10	0	c16
.....uuauggaaauagaUgaug.....	1	1	c16
.....uuauggaaauagacgaug.....	1	0	c16
.....acucgaaguacaugAuccguuucua.....	1	1	c16
.....uacaugguccguuucuauaaag.....	1	0	c16
.....ugAuccguuucuauaaag.....	1	1	c16
.....ugguccguuucuauaaaga.....	1	0	c16
.....ugguccguuucuauaaagauau.....	4	0	c16
.....ugAuccguuucuauaaagauau.....	1	1	c16
.....ugguccguuucuauaaagauaucU.....	1	1	c16
.....aaagauaucaguccggggacauucuuc.....	1	0	c16

Provisional ID	:	group19_29817
Score total	:	792.3
Score for star read(s)	:	3.9
Score for read counts	:	785.8
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1553
Mature read count	:	1458
Loop read count	:	0
Star read count	:	95





Mature **Star**

```
5'- auguuuaaaccuggcuguuguuauuuauggaauugugucuaauguuacucguaguacauaggcggguuuccauaaaagcaccagcccugguacauucuucgagggcuuuuacgu  -3'   obs
    auguuuaaaccuggcuguuguuauuuauggaauugugucuaauguuacucguaguacauaggcggguuuccauaaaagcaccagcccugguacauucuucgagggcuuuuacgu        exp
    ........(((.(((((.((((.((((((((((.(.((((((((((.(((...)))))))))))).).)))))))))))))).)))))..)))..........................  reads   mm   sample
    ....uuaaaccuggcuguugGuau.....................................................................................................  1       1    c15
    ....................uuauuuauggaauuguguc.....................................................................................  2       0    c15
    ....................uuauuuauggaauCguguc.....................................................................................  1       1    c15
    ....................uuauuuauggaauCgugucu....................................................................................  1       1    c15
    ....................uuauuuauggaauugugucu....................................................................................  2       0    c15
    ....................uuauuuauggaauugugucua...................................................................................  8       0    c15
    ....................uuauuuauggaauCgugucuau..................................................................................  9       1    c15
    ....................uuauuuauggaauugugucuau..................................................................................  38      0    c15
    ....................uuauuuauggaauugugucuauA.................................................................................  7       1    c15
    ....................uuauuuauggaauugugucuaug..................................................................................  286     0    c15
    ....................uuauuuauggaauCgugucuaug.................................................................................  58      1    c15
    ....................uuauuuauggaauugugucuaugG................................................................................  1       1    c15
    ....................uuauuuauggaauugugucuauCu................................................................................  1       1    c15
    ....................uuauuuauggaauCgugucuaugu................................................................................  104     1    c15
    ....................uuauuuauggaauugugucuaugA................................................................................  5       1    c15
    ....................uuaCuuauggaauugugucuaugu................................................................................  1       1    c15
    ....................uuauuuauggaauAgugucuaugu................................................................................  1       1    c15
    ....................uAauuuauggaauugugucuaugu................................................................................  1       1    c15
    ....................uuauuuauggaauugugucuaugu................................................................................  270     0    c15
    ....................uGauuuauggaauugugucuaugu................................................................................  1       1    c15
    ....................uuauuuauggaauugugucuauguA...............................................................................  3       1    c15
    ....................uuauuuauggaauCgugucuauguu...............................................................................  3       1    c15
    ....................uuauuuauggaauugugucuauguu...............................................................................  11      0    c15
    ....................uuauuuauggaauugugucuauguua..............................................................................  1       0    c15
    ....................uuauuuauggaauugugucuauguuU..............................................................................  2       1    c15
    ....................uauuuauggaauCgugucua.....................................................................................  1       1    c15
    ....................uauuuauggaauugugucuaug...................................................................................  2       0    c15
    ........................uuauggaauugugucuaugu..................................................................................  1       0    c15
    ........................uauggaauugugucuaugu...................................................................................  2       0    c15
    ..........................................................auaggcggguuuccauaaaa.............................................  3       0    c15
    ..........................................................auaggcggguuuccauaaaag............................................  5       0    c15
    ..........................................................auaggcggguuuccauaaaagU...........................................  1       1    c15
    ..........................................................auaggcggguuuccauaaaagc...........................................  18      0    c15
```

Mature Star

```
auguuuaaaccuggcuguuguuauuuauggaauugugucuaauuacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuuuuacgu
.....................................................auaggcgggguuuccauaaaagcU.....................................  2  1  c15
.....................................................auaggcgggguuuccauaaaagca.....................................  20 0  c15
.....................................................auaggcgggguuuUcauaaaagca.....................................  1  1  c15
.....................................................auaggcgggguuuccauaaaagcaU....................................  2  1  c15
.....................................................auaggcgggguuuccauaaaagcaA....................................  2  1  c15
.....................................................auaggcgggguuuccauaaaagcac....................................  8  0  c15
.....................................................auaggcgggguuuccauaaaagcacU...................................  3  1  c15
.....................................................uaggcgggguuuccauaaaagc.......................................  4  0  c15
.....................................................uaggcgggguuuccauaaaagca......................................  10 0  c15
.....................................................uUggcgggguuuccauaaaagca......................................  1  1  c15
.....................................................uaggcgggguuuccauaaaagcU......................................  1  1  c15
.....................................................uaggcgggguuuccauaaaagcac.....................................  2  0  c15

..................uuauuuauggaauugugu..............................................................................  1  0  c02
..................uuauuuauggaauuguguc.............................................................................  2  0  c02
..................uuauuuauggaauCgugucu............................................................................  1  1  c02
..................uuauuuauggaauugugucu............................................................................  4  0  c02
..................uuauuuauggaauCgugucua...........................................................................  1  1  c02
..................uuauuuauggaauugugucua...........................................................................  1  0  c02
..................uuauuuauggaauugugucuau..........................................................................  1  0  c02
..................uuauuuauggaauCgugucuau..........................................................................  3  1  c02
..................uuauuuauggaauCgugucuaug.........................................................................  9  1  c02
..................uuauuuauggaauugugucuaug.........................................................................  11 0  c02
..................uuauuuauggaauugugucuaugu........................................................................  8  0  c02
..................uuauuuauggaauCgugucuaugu........................................................................  12 1  c02
..................uuauuuauggaauugugucuauguA.......................................................................  1  1  c02
...................uauuuauggaauCgugucuaugu........................................................................  1  1  c02
....................auuuauggaauCgugucuaug..........................................................................  1  1  c02
....................uuuauggaauugugucuaug..........................................................................  1  0  c02
....................uuuauggaauCgugucuaugu........................................................................  3  1  c02
....................uuauggaauugugucuaug...........................................................................  1  0  c02
.....................................................auaggcgggguuuccauaaaagca.....................................  1  0  c02

..................uuauuuauggaauugugu..............................................................................  3  0  c09
..................uuauuuauggaauCgugucua...........................................................................  2  1  c09
..................uuauuuauggaauCgugucuau..........................................................................  4  1  c09
..................uuauuuauggaauugugucuau..........................................................................  6  0  c09
..................uuauuuauggaauugugucuaug.........................................................................  10 0  c09
..................uuauuuauggaauCgugucuaug.........................................................................  3  1  c09
..................Guauuuauggaauugugucuaugu........................................................................  1  1  c09
..................uuauuuauggaauugugucuaugu........................................................................  6  0  c09
..................uuauGuauggaauugugucuaugu........................................................................  1  1  c09
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....................uuuauggaauCgugucuau............................................................................  1  1  c09
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.....................................................Cuaggcgggguuuccauaaaa.....................................  1  1  c09
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.....................................................gcgggguuuccauaaaagcac.....................................  1  0  c09

..................uuauuuauggaauugugu..............................................................................  1  0  c04
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..................uuauuuauggaauCgugucuaug.........................................................................  14 1  c04
..................uuauuuauggaauugugucuaug.........................................................................  14 0  c04
..................uuauuuauggaauugugucuaugu........................................................................  4  0  c04
..................uuauuuauggaauugugucuaugA.......................................................................  2  1  c04
..................Guauuuauggaauugugucuaugu........................................................................  3  1  c04
..................uuauuuauggaauCgugucuaugu........................................................................  5  1  c04
....................auuuauggaauugugucuauguAa.....................................................................  1  1  c04
....................uuuauggaauugugucuaug..........................................................................  1  0  c04
....................uuuauggaauugugucuaugu........................................................................  1  0  c04
....................uuauggaauugugucuaugu.........................................................................  1  0  c04
.............................................uacucguaguacauaggcgggguuucc.....................................  2  0  c04
.....................................................auaggcgggguuuccauaaaagca.....................................  1  0  c04
.....................................................................................Gacauucuucgagggcuuuuacgu  1  1  c04
```

Mature Star

auguuuaaaccuggcuguuguuauuuauggaauugugucuauguuacucguaguacauaggcggguuuccauaaaagccagcccugguacauucuucgagggcuuuuacgu

.....uuauuuauggaauugugu.....	4	0	c16
.....uuauuuauggaauCguguc.....	1	1	c16
.....uuauuuauggaauuguguc.....	2	0	c16
.....uuauuuauggaauugugucu.....	7	0	c16
.....Guauuuauggaauugugucu.....	3	1	c16
.....uuauuuauggaauCgugucu.....	6	1	c16
.....Guauuuauggaauugugucua.....	1	1	c16
.....uuauuuauggaauugugucua.....	4	0	c16
.....uuauuuauggaauCgugucua.....	8	1	c16
.....uuauuuauggaauuguCucuau.....	1	1	c16
.....Auauuuauggaauugugucuau.....	1	1	c16
.....uuauuuauggaauugugucuau.....	17	0	c16
.....uuauuuauCgaauugugucuau.....	1	1	c16
.....uuauuuauggaauAgugucuau.....	1	1	c16
.....Guauuuauggaauugugucuau.....	5	1	c16
.....uuauuuauggaauCgugucuau.....	14	1	c16
.....uuauuuauggaauCgugucuaug.....	53	1	c16
.....uuauuuauggaauAgugucuaug.....	1	1	c16
.....Auauuuauggaauugugucuaug.....	1	1	c16
.....uuauCuauggaauugugucuaug.....	1	1	c16
.....uuauuuauggUauugugucuaug.....	1	1	c16
.....uuauuuauggaauugugucuaug.....	100	0	c16
.....Guauuuauggaauugugucuaug.....	17	1	c16
.....uuauuuauggaauugugucuaugu.....	67	0	c16
.....uuauuuauUgaauugugucuaugu.....	1	1	c16
.....uuauuuauggaauCgugucuaugu.....	80	1	c16
.....uuauuuauggaauugugAcuaugu.....	1	1	c16
.....uuauuuauggaauugugucuGugu.....	1	1	c16
.....Guauuuauggaauugugucuaugu.....	6	1	c16
.....uuauuuauggaauugugucuauguA.....	2	1	c16
.....uuauuuauggaauCgugucuauguu.....	2	1	c16
.....uuauuuauggaauugugucuauguuU.....	1	1	c16
.....uuauuuauggaauugugucuauguAa.....	9	1	c16
.....uuauuuauggaauCgugucuauguua.....	1	1	c16
.....uauuuauggaauugugucuau.....	1	0	c16
.....uauuuauggaauugugucuaug.....	1	0	c16
.....uauuuauggaauugugucuaugu.....	3	0	c16
.....auuuauggaauugugucuau.....	1	0	c16
.....auuuauggaauugugucuaug.....	1	0	c16
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.....Cuuuauggaauugugucuaug.....	1	1	c16
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.....uuauggaauugugucuaug.....	4	0	c16
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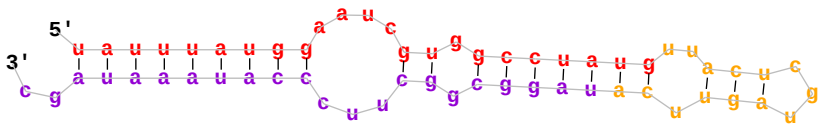
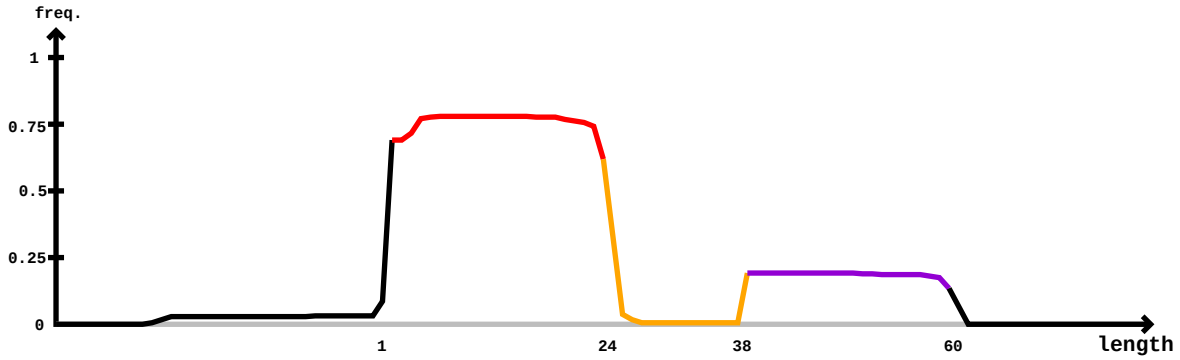
.....auaggcggguAuccauaaaagca.....	1	1	c16
.....Cuaggcgggguuuccauaaaagca.....	1	1	c16
.....auaggcgggguuuccauaaaagcac.....	1	0	c16
.....auaggcgggguuuccauaaaagcacU.....	2	1	c16

Provisional ID	:	group19_29820
Score total	:	171.9
Score for star read(s)	:	3.9
Score for read counts	:	165.3
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	336
Mature read count	:	271
Loop read count	:	0
Star read count	:	65

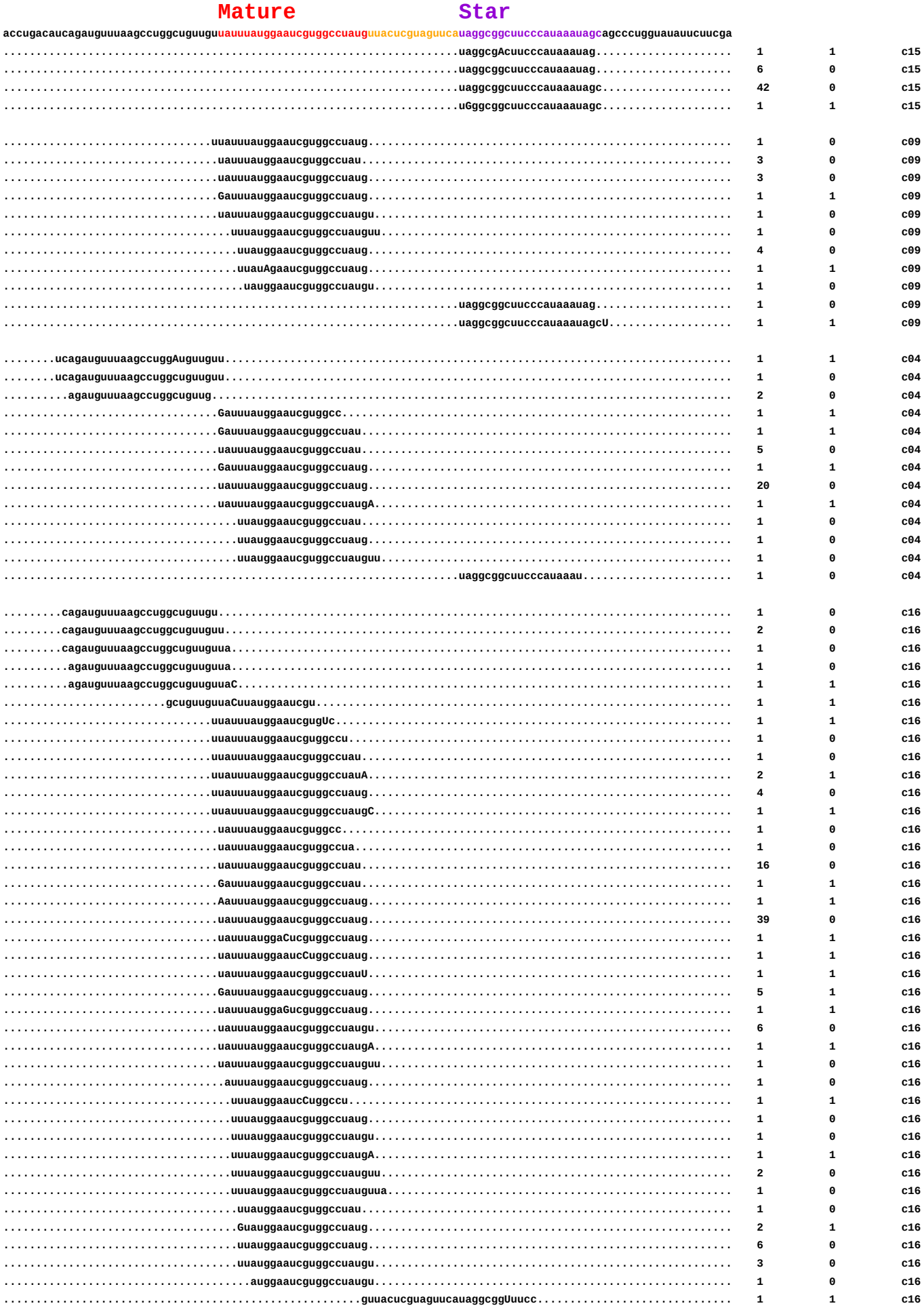




Mature **Star**

```
5'- accugacaucagauguuuaagccuggcuguuguuauuuauggaaucguggccuauguuacucguaguucauaggcggcuucccauaaaauagcagcccugguauauucuucga  -3'   obs
    accugacaucagauguuuaagccuggcuguuguuauuuauggaaucguggccuauguuacucguaguucauaggcggcuucccauaaaauagcagcccugguauauucuucga        exp
    ...........((.(..((.(((.((..((((((((((((((....((.(((((((..(((...))).)))))))..))...))))))))))))))))).))).)..).))..  reads    mm    sample
    ...............................uuauuuauggaaucguggccua.....................................................................  1        0     c02
    ...............................uuauuuauggaaucguggccuauA....................................................................  2        1     c02
    ...............................uauuuauggaaucguggc.........................................................................  1        0     c02
    ...............................uauuuauggaaucguggccuau.....................................................................  5        0     c02
    ...............................uauuuauggaaucguggccuaug....................................................................  10       0     c02
    ...............................Gauuuauggaaucguggccuaug....................................................................  2        1     c02
    ................................auuuauggaaucguggccuau.....................................................................  1        0     c02
    ................................uuuauggaaucguggccuaug.....................................................................  1        0     c02
    ....................................................................uaggcggcuucccauaaaauag..................................  1        0     c02

    ...............................uuauuuauggaaucgugUc........................................................................  1        1     c15
    ...............................uuauuuauggaaucguggccua.....................................................................  1        0     c15
    ...............................uuauuuauggaaucguggccuaug....................................................................  2        0     c15
    ...............................uuauuuauggaaucguggccuaugu...................................................................  2        0     c15
    ...............................uuauuuauggaaucguggccuaugA...................................................................  1        1     c15
    ...............................uauuuauggaaucguggccua.......................................................................  2        0     c15
    ...............................uauuuauggaaucguggccuau......................................................................  7        0     c15
    ...............................uauuuauggaaucgAggccuau......................................................................  1        1     c15
    ...............................uauuuauggaaucguggccuaug.....................................................................  54       0     c15
    ...............................uauuuauggaaAcguggccuaug.....................................................................  1        1     c15
    ...............................uauuuauggaaucguggccuauU.....................................................................  1        1     c15
    ...............................uauuuauggaaucguggccuauUu....................................................................  1        1     c15
    ...............................uauuuauggaaucguggccuaugu....................................................................  9        0     c15
    ...............................uauuuauggaaucguggccuaugA....................................................................  1        1     c15
    ...............................uauuuauggaaucguggccuauguu...................................................................  1        0     c15
    ...............................uauuuauggaaucguggccuauguuU..................................................................  2        1     c15
    ...............................uauuuauggaaucguggccuauguuac.................................................................  1        0     c15
    ................................auuuauggaaucguggccuaug....................................................................  2        0     c15
    .................................uuuauggaaucguggccuauguu...................................................................  1        0     c15
    .................................uuuauggaaucguggccuauguuC..................................................................  1        1     c15
    ..................................uauggaaucguggccuau.......................................................................  1        0     c15
    ....................................................................uaggcggcuucccauaaau.....................................  1        0     c15
    ....................................................................uaggcggcuucccauaaaua.....................................  2        0     c15
```


Mature
Star
accugacaucagauguuuaagccuggcuguuguuauuuauggaaucguggccuauguuacucguaguucauaggcggcuucccauaaauagcagcccugguauauucuucga
.....uaggcgAcuucccauaaauag..... 1 1 c15
.....uaggcggcuucccauaaauag..... 6 0 c15
.....uaggcggcuucccauaaauagc..... 42 0 c15
.....uGggcggcuucccauaaauagc..... 1 1 c15
.....uuauuuauggaaucguggccuaug..... 1 0 c09
.....uauuuauggaaucguggccuau..... 3 0 c09
.....uauuuauggaaucguggccuaug..... 3 0 c09
.....Gauuuauggaaucguggccuaug..... 1 1 c09
.....uauuuauggaaucguggccuaugu..... 1 0 c09
.....uuuauggaaucguggccuauguu..... 1 0 c09
.....uuauggaaucguggccuaug..... 4 0 c09
.....uuauAgaaucguggccuaug..... 1 1 c09
.....uauggaaucguggccuaugu..... 1 0 c09
.....uaggcggcuucccauaaauag..... 1 0 c09
.....uaggcggcuucccauaaauagcU..... 1 1 c09
.....ucagauguuuaagccuggAuguuguu..... 1 1 c04
.....ucagauguuuaagccuggcuguuguu..... 1 0 c04
.....agauguuuaagccuggcuguug..... 2 0 c04
.....Gauuuauggaaucguggcc..... 1 1 c04
.....Gauuuauggaaucguggccuau..... 1 1 c04
.....uauuuauggaaucguggccuau..... 5 0 c04
.....Gauuuauggaaucguggccuaug..... 1 1 c04
.....uauuuauggaaucguggccuaug..... 20 0 c04
.....uauuuauggaaucguggccuaugA..... 1 1 c04
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.....uaggcggcuucccauaaau..... 1 0 c04
.....cagauguuuaagccuggcuguugu..... 1 0 c16
.....cagauguuuaagccuggcuguuguu..... 2 0 c16
.....cagauguuuaagccuggcuguuguua..... 1 0 c16
.....agauguuuaagccuggcuguuguua..... 1 0 c16
.....agauguuuaagccuggcuguuguuaC..... 1 1 c16
.....gcuguuguuaCuuauggaaucgu..... 1 1 c16
.....uuauuuauggaaucgugUc..... 1 1 c16
.....uuauuuauggaaucguggccu..... 1 0 c16
.....uuauuuauggaaucguggccuau..... 1 0 c16
.....uuauuuauggaaucguggccuauA..... 2 1 c16
.....uuauuuauggaaucguggccuaug..... 4 0 c16
.....uuauuuauggaaucguggccuaugC..... 1 1 c16
.....uauuuauggaaucguggcc..... 1 0 c16
.....uauuuauggaaucguggccua..... 1 0 c16
.....uauuuauggaaucguggccuau..... 16 0 c16
.....Gauuuauggaaucguggccuau..... 1 1 c16
.....Aauuuauggaaucguggccuaug..... 1 1 c16
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.....uauuuauggaCucguggccuaug..... 1 1 c16
.....uauuuauggaaucCuggccuaug..... 1 1 c16
.....uauuuauggaaucguggccuauU..... 1 1 c16
.....Gauuuauggaaucguggccuaug..... 5 1 c16
.....uauuuauggaGucguggccuaug..... 1 1 c16
.....uauuuauggaaucguggccuaugu..... 6 0 c16
.....uauuuauggaaucguggccuaugA..... 1 1 c16
.....uauuuauggaaucguggccuauguu..... 1 0 c16
.....auuuauggaaucguggccuaug..... 1 0 c16
.....uuuauggaaucCuggccu..... 1 1 c16
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.....uuuauggaaucguggccuaugu..... 1 0 c16
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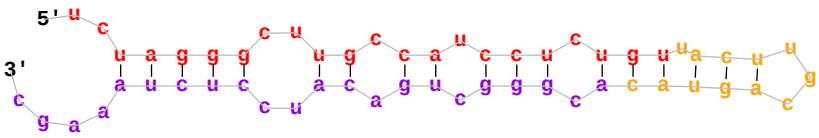
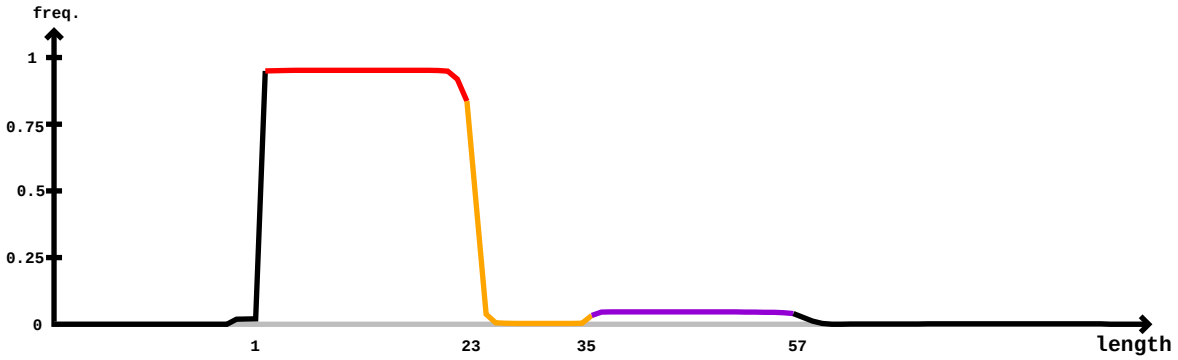
.....uuuauggaaucguggccuauguu..... 2 0 c16
.....uuuauggaaucguggccuauguua..... 1 0 c16
.....uuauggaaucguggccuau..... 1 0 c16
.....Guauggaaucguggccuaug..... 2 1 c16
.....uuauggaaucguggccuaug..... 6 0 c16
.....uuauggaaucguggccuaugu..... 3 0 c16
.....auggaaucguggccuaugu..... 1 0 c16
.....guuacucguaguucauaggcggUuucc..... 1 1 c16

Mature
Star
accugacaucagauguuuaagccuggcuguugu uauuuauggaaucguggccuaug uuacucguaguuca uaggcggcuucccauaaauagc agcccugguauauucuucga
.....ucguaguucauaggcggUuuccca..... 1 1 c16
.....uaggcggcuucccauaaauag..... 3 0 c16
.....Gaggcggcuucccauaaauag..... 2 1 c16
.....uaggcggcuucccauaaauagc..... 2 0 c16
.....Gaggcggcuucccauaaauagc..... 1 1 c16

Provisional ID	:	group19_29821
Score total	:	632.9
Score for star read(s)	:	3.9
Score for read counts	:	627.2
Score for mfe	:	0.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1242
Mature read count	:	1185
Loop read count	:	0
Star read count	:	57





Mature **Star**

```
5'- uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug  -3'   obs
    uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug        exp
    .....(((((.((((.(((.(((((..((.((.(((.(((.(((...)))))).))).)).))..)))))).))).))))..)))).....                          reads     mm        sample
    ..................ucuagggcuugccauccucu.....................................................................................  1         0         c09
    ..................ucuagggcuugccauccucug....................................................................................  11        0         c09
    ..................Gcuagggcuugccauccucug....................................................................................  1         1         c09
    ..................ucuagggcuugccauccucugu...................................................................................  30        0         c09
    ..................Gcuagggcuugccauccucugu...................................................................................  4         1         c09
    ..................ucuaggCcuugccauccucugu...................................................................................  1         1         c09
    ..................ucuaUggcuugccauccucugu...................................................................................  1         1         c09
    ..................ucuagggcuugccauccucuguA..................................................................................  2         1         c09
    ..................ucuagggcuugccauccucuguG..................................................................................  1         1         c09
    ..................ucuagggcuugccauccucuguAa.................................................................................  1         1         c09
    ..........................................................cgggcugacauccucuaaagcag.........................................  1         0         c09

    ..................ucuagggcuugccauccucu.....................................................................................  2         0         c04
    ..................Gcuagggcuugccauccucug....................................................................................  1         1         c04
    ..................ucuagggcuugccaucUucug....................................................................................  2         1         c04
    ..................ucuagggcuugccauccucug....................................................................................  5         0         c04
    ..................ucuaggCcuugccauccucugu...................................................................................  1         1         c04
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    ..................ucuagUgcuugccauccucugu...................................................................................  1         1         c04
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    ..................ucuagggcuugccauccucuguuU.................................................................................  1         1         c04
    ..................ucuagggcuugccauccucuguAa.................................................................................  11        1         c04
    ..........................................................................uccugguacauucuucaaagacuucua....                  1         0         c04

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    ..................ucuagggcuugccauccuc.....................................................................................  2         0         c16
    ..................Gcuagggcuugccauccucu....................................................................................  3         1         c16
```

Mature Star

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.....ucuagggcuugUcauccucugu..... 2 1 c15
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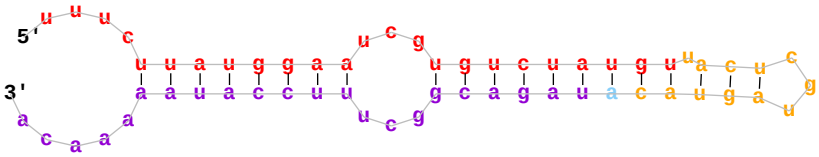
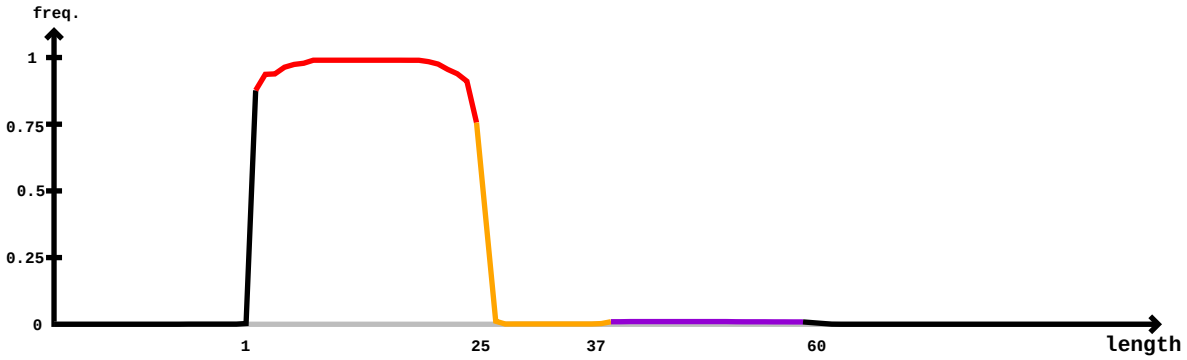
.....acgggcugacauccucuaaa..... 2 0 c15
.....acgggcugacauccucuaaag..... 2 0 c15
.....acgggcugacauccucuaaaA..... 2 1 c15
.....acgggcugacauccucuaaagc..... 29 0 c15
.....acgggcugacauccucuaaagca..... 2 0 c15
.....acgggcugacauccucuaaagcU..... 1 1 c15
.....cgggcugacauccucuaaagc..... 1 0 c15
.....cgggcugacauccucuaaagca..... 3 0 c15
.....cgggcugacauccucuaaagcag..... 9 0 c15
.....cgggcugacauccucuaaagcagc..... 3 0 c15
.....gggcugacauccucuaaagcag..... 1 0 c15

.....ucuagggcuugccauccucugu..... 21 0 c02

Mature
Star
uuccaaaaccggucugccgcucuagggcuugccauccucuguuacuugcaguacacgggcugacauccucuaaagcagcaguccugguacauucuucaaagacuucuacaug
.....Gcuagggcuugccauccucugu.....
2
1
c02

Provisional ID	:	group19_29823
Score total	:	2363.1
Score for star read(s)	:	3.9
Score for read counts	:	2356.5
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	4634
Mature read count	:	4592
Loop read count	:	0
Star read count	:	42





Mature **Star**

```
5'- uguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauagacggcuuuccauaaaaacaucagcccugguacauucuucgagggauuuuacaug  -3'   obs
    uguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauagacggcuuuccauaaaaacaucagcccugguacauucuucgagggauuuuacaug        exp
    .......(((.(((((.(((((.(((((((((...(((((((((.(((...)))))))))))))...)))))))))))))).)))))..)))..(((((....))))).........  reads   mm   sample
    ............gcuguuguuAcuuauggaaucgu.....................................................................................  1       1    c16
    ............gcuguuguuAcuuauggaaucguguc..................................................................................  1       1    c16
    ..................guuucuuauggaaucgugucua.................................................................................  1       0    c16
    ..................guuucuuauggaaucgugucuau................................................................................  2       0    c16
    ..................guuucuuauggaaucgugucuaugu..............................................................................  4       0    c16
    ...................uuAcuuauggaaucgugu.....................................................................................  6       1    c16
    ...................uuucuuauggaaucgugu.....................................................................................  8       0    c16
    ...................Guucuuauggaaucgugu.....................................................................................  1       1    c16
    ...................uuAcuuauggaaucguguc....................................................................................  16      1    c16
    ...................uuucuuauggaaucguguc....................................................................................  2       0    c16
    ...................uuAcuuauggaaucgugucu...................................................................................  54      1    c16
    ...................uuucuuauggaaucgugucu...................................................................................  3       0    c16
    ...................uuucAuauggaaucgugucua..................................................................................  1       1    c16
    ...................uuucuuauggaaucgugucua..................................................................................  1       0    c16
    ...................uuAcuuauggaaucgugucua..................................................................................  28      1    c16
    ...................uuAcuuauggaaucgugucuau.................................................................................  39      1    c16
    ...................uuucuuauggaaucgugucuau.................................................................................  7       0    c16
    ...................uuucuuauggaaucgugucuaug................................................................................  45      0    c16
    ...................Guucuuauggaaucgugucuaug................................................................................  4       1    c16
    ...................uuAcuuauggaaucgugucuaug................................................................................  138     1    c16
    ...................Cuucuuauggaaucgugucuaug................................................................................  1       1    c16
    ...................Auucuuauggaaucgugucuaugu...............................................................................  1       1    c16
    ...................uuucuuauggaaucgugucuaugu...............................................................................  112     0    c16
    ...................uuucuuauggaaucgugucuauAu...............................................................................  2       1    c16
    ...................uuucuuauggaaucgugucuauCu...............................................................................  2       1    c16
    ...................uuucuuauggaaucguCucuaugu...............................................................................  2       1    c16
    ...................Guucuuauggaaucgugucuaugu...............................................................................  9       1    c16
    ...................uuuUuuauggaaucgugucuaugu...............................................................................  1       1    c16
    ...................uuAcuuauggaaucgugucuaugu...............................................................................  932     1    c16
    ...................uuucuuauggaaucgugucuauguu..............................................................................  2       0    c16
    ...................uuucuuauggaaucgugucuauguA..............................................................................  14      1    c16
    ...................uuAcuuauggaaucgugucuauguu..............................................................................  20      1    c16
    ...................uuucuuauggaaucgugucuauguua.............................................................................  1       0    c16
```

Mature Star

uguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauagacggcuuuccauaaaaacaucagcccugguacauucuucgagggauuuuacaug

..................uuAcuuauggaaucgugucuauguua.....	2	1	c16
..................uuucuuauggaaucgugucuauguAa.....	9	1	c16
..................uuucuuauggaaucgugucuauguuU.....	1	1	c16
..................uucuuauggaaucguguc.....	1	0	c16
..................uucuuauggaaucgugucu.....	1	0	c16
..................uucuuauggaaucgugucua.....	3	0	c16
..................uucuuauggaaucgugucuau.....	3	0	c16
..................uucuuauggaaucgugucuaug.....	7	0	c16
..................uAcuuauggaaucgugucuaug.....	1	1	c16
..................uucuuauggaaucgugucuaugu.....	62	0	c16
..................uucuuGuggaaucgugucuaugu.....	1	1	c16
..................uAcuuauggaaucgugucuaugu.....	6	1	c16
..................uucuuauggaGucgugucuaugu.....	1	1	c16
..................uuAuuauggaaucgugucuaugu.....	1	1	c16
.................Gucuuauggaaucgugucuaugu.....	3	1	c16
..................uucuuauggaaucgugucuauguA.....	8	1	c16
..................uucuuauggaaucgugucuauguu.....	1	0	c16
..................uucuuauggaaucgugucuauguAa.....	3	1	c16
...................Acuuauggaaucgugucuaugu.....	4	1	c16
....................cuuauggaaucgugucua.....	2	0	c16
....................Uuuauggaaucgugucuau.....	2	1	c16
....................cuuauggaaucgugucuaug.....	4	0	c16
....................Guuauggaaucgugucuaug.....	1	1	c16
....................Uuuauggaaucgugucuaug.....	2	1	c16
....................cuuauggaaucgugucuaugu.....	29	0	c16
....................Uuuauggaaucgugucuaugu.....	6	1	c16
....................cuuauggaaucgugucuaAgu.....	1	1	c16
....................Guuauggaaucgugucuaugu.....	1	1	c16
....................cuuauggaaucgugucuauguG.....	1	1	c16
....................cuuauggaaucgugucuauguu.....	1	0	c16
....................cuuauggaaucgugucuauguA.....	2	1	c16
....................cuuauggaaucgugucuauguAa.....	8	1	c16
.....................uuauggaaucgugucuaug.....	3	0	c16
....................Guauggaaucgugucuaugu.....	1	1	c16
.....................uuauggaaucgugucuaUu.....	1	1	c16
.....................uuauggaaucgugucuaugu.....	22	0	c16
.....................uuauggaaucgugucuauguA.....	1	1	c16
.....................uuauggaaucgugucuauguua.....	1	0	c16
.....................uuauggaaucgugucuauguAa.....	2	1	c16
......................uauggaaucgugucuaug.....	2	0	c16
....................Gauggaaucgugucuaug.....	1	1	c16
......................uauggaaucgugucuaugu.....	6	0	c16
......................uauggaaucgugucuauguAa.....	1	1	c16
.......................auggaaucgugucuaugu.....	17	0	c16
.......................auggaaucguguGuaugu.....	1	1	c16
.......................auggaaucgugucuauguA.....	1	1	c16
.......................auggaaucgugucuauguAa.....	9	1	c16
..............................acucguaguacauagacggcuuucc.....	1	0	c16
..............................ucguaguacauagacggcuuucca.....	1	0	c16
..............................uagacggcuuuccauaaaaaca.....	3	0	c16

..................uuAcuuauggaaucgugu.....	2	1	c04
..................uuAcuuauggaaucguguc.....	5	1	c04
..................uuAcuuauggaaucgugucu.....	8	1	c04
..................uuAcuuauggaaucgugucua.....	7	1	c04
..................uuAcuuauggaaucgugucuau.....	6	1	c04
..................uuucuuauggaaucgugucuau.....	2	0	c04
..................uuucuuauggaaucgugucuaug.....	7	0	c04
.................Guucuuauggaaucgugucuaug.....	1	1	c04
..................uuAcuuauggaaucgugucuaug.....	24	1	c04
..................uuucuuauggaaucgugucuaugu.....	11	0	c04
..................uuAcuuauggaaucgugucuaugu.....	122	1	c04
..................uuucuuauggaaucgugucuaugA.....	1	1	c04
..................uuucuuauggaaucgugucuauguG.....	1	1	c04
..................uuAcuuauggaaucgugucuauguu.....	2	1	c04
.................Auucuuauggaaucgugucuauguu.....	1	1	c04
..................uuucuuauggaaucgugucuauguA.....	1	1	c04
..................uuucuuauggaaucgugucuauguua.....	1	0	c04
..................uuucuuauggaaucgugucuauguAa.....	2	1	c04
..................uAcuuauggaaucgugucuau.....	1	1	c04

Mature Star

uguuuaaaccuggcuguuguuucuuauggaaucgugucuaugguacucguaguacauagacggcuuuccauaaaaacaucagcccugguacauucuucgagggauuuuacaug

.....uucuuauggaaucgugucuaug.....	4	0	c04
.....uAcuuauggaaucgugucuaug.....	1	1	c04
.....uucuuauggaaucgugucuaugu.....	1	0	c04
.....uAcuuauggaaucgugucuaugu.....	1	1	c04
.....uucuuauCgaaucgugucuaugu.....	1	1	c04
.....uucuuauggaaucgugucuauguA.....	1	1	c04
.....Acuuauggaaucgugucuaug.....	1	1	c04
.....cuuauggaaucgugucuaug.....	2	0	c04
.....cuuauggaaucgugucuaugu.....	7	0	c04
.....cuuauggaaucgugucuauguA.....	1	1	c04
.....uuauggaaucgugucuaug.....	2	0	c04
.....uauggaaucgugucuaug.....	1	0	c04
.....uauggaaucgugucuaugu.....	1	0	c04
.....Gauggaaucgugucuaugu.....	1	1	c04
.....uauggaaucgugucuauguCa.....	1	1	c04
.....uauggaaucgugucuauguAa.....	1	1	c04
.....auggaaucgugucuaugu.....	6	0	c04
.....uacucguaguacauagacggcuuucc.....	1	0	c04
.....guuucuuauggaaucgugucuau.....	1	0	c09
.....uuAcuuauggaaucgugu.....	4	1	c09
.....uuAcuuauggaaucguguc.....	4	1	c09
.....uuAcuuauggaaucgugucu.....	8	1	c09
.....uuucuuaCggaaucgugucua.....	1	1	c09
.....uuAcuuauggaaucgugucua.....	5	1	c09
.....Guucuuauggaaucgugucuau.....	1	1	c09
.....uuAcuuauggaaucgugucuau.....	4	1	c09
.....uuucuuauggaaucgugucuau.....	4	0	c09
.....uuucuuauggaaucgugucuaug.....	8	0	c09
.....uuAcuuauggaaucgugucuaug.....	15	1	c09
.....Guucuuauggaaucgugucuaug.....	4	1	c09
.....uuucuuauggaaucguCucuaugu.....	1	1	c09
.....Guucuuauggaaucgugucuaugu.....	2	1	c09
.....uuAcuuauggaaucgugucuaugu.....	99	1	c09
.....uuucuuauggaaucgugucuaugu.....	32	0	c09
.....uuAcuuauggaaucgugucuauguu.....	1	1	c09
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.....uAcuuauggaaucgugucuaugu.....	1	1	c09
.....uucuuauggaaucgugucuauguA.....	1	1	c09
.....uucuuauggaaucgugucuauguu.....	1	0	c09
.....Acuuauggaaucgugucu.....	1	1	c09
.....Uuuauggaaucgugucuau.....	1	1	c09
.....Uuuauggaaucgugucuaug.....	1	1	c09
.....cuuauggaaucgugucuaug.....	2	0	c09
.....cuuauggaaucguguAuaugu.....	1	1	c09
.....cuuauggaaucgugucuaugu.....	12	0	c09
.....uuauggaaucgugucuaug.....	1	0	c09
.....uuauggaaucgugucuaugu.....	3	0	c09
.....uuauggaaucgugucuauguu.....	1	0	c09
.....augCaaucgugucuaugu.....	1	1	c09
.....auUgaaucgugucuaugu.....	1	1	c09
.....auggaaucgugucuaugu.....	5	0	c09
.....auggaaucgugucuauguA.....	1	1	c09
.....gacggcuuuccauaaaaaca.....	1	0	c09
.....guuucuuauggaaucgugucuau.....	1	0	c15
.....guuAcuuauggaaucgugucuaugu.....	1	1	c15
.....guuucuuauggaaucgugucuaugu.....	1	0	c15
.....uuAcuuauggaaucguguc.....	3	1	c15
.....uuucuuauggaaucguguc.....	2	0	c15
.....uuucuuauggaaucgugucu.....	2	0	c15
.....uuAcuuauggaaucgugucu.....	7	1	c15
.....uuAcuuauggaaucgugucua.....	19	1	c15
.....uuucuuauggaaucgugucua.....	1	0	c15
.....uuAcuuauggaaucgugucuau.....	28	1	c15
.....uuucuuauggaaucgugucuau.....	16	0	c15
.....uuucuuauggaaucguguCug.....	1	1	c15
.....uuucuuauggaaucguguauA.....	2	1	c15
.....uuucuuauggaaucgugucuaug.....	85	0	c15

Mature **Star**

```
uguuuaaaccuggcuguuguuucuuauggaaucgugucuaugguacucguaguacauagacggcuuuccauaaaaacaucagcccugguacauucuucgagggauuuuacaug
```

..................uuAcuuauggaaucgugucuaug.....	298	1	c15
..................uuAcuuauggaaucgugucuaugu.....	1261	1	c15
..................uuucuuauggaaucgugucuaugC.....	1	1	c15
..................uuucuuauggaaucgugucuaugu.....	166	0	c15
..................uuucuuauggaaucgugucuauguu.....	3	0	c15
..................uuucuuauggaaucgugucuauguA.....	2	1	c15
..................uuAcuuauggaaucgugucuauguu.....	76	1	c15
..................uuucuuauggaaucgugucuauguuU.....	1	1	c15
..................uuAcuuauggaaucgugucuauguua.....	2	1	c15
..................uuucuuauggaaucgugucuauguuaU.....	1	1	c15
..................uucuuauggaaucgugucu.....	1	0	c15
..................uucuuauggaaucgugucua.....	1	0	c15
..................uucuuauggaaucgugucuau.....	1	0	c15
..................uAcuuauggaaucgugucuaug.....	2	1	c15
..................uucuuauggaaucgugucuaug.....	25	0	c15
..................uucAuauggaaucgugucuaugu.....	1	1	c15
..................uucuuauggaaucgugucuaugu.....	83	0	c15
..................uAcuuauggaaucgugucuaugu.....	5	1	c15
..................uucuuauggaaucgugucuauguA.....	2	1	c15
..................uucuuauggaaucgugucuauguu.....	5	0	c15
..................uAcuuauggaaucgugucuauguu.....	1	1	c15
..................uucuuauggaaucgugucuauguuU.....	2	1	c15
..................uucuuauggaaucgugucuauguAa.....	1	1	c15
..................ucuuauggaaucgugucuauguu.....	1	0	c15
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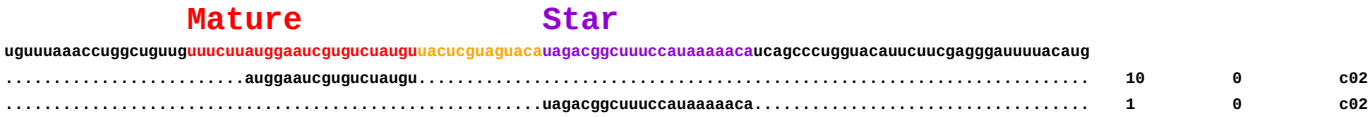
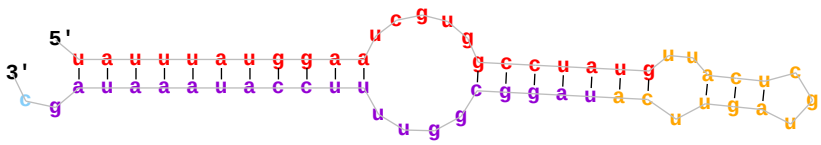
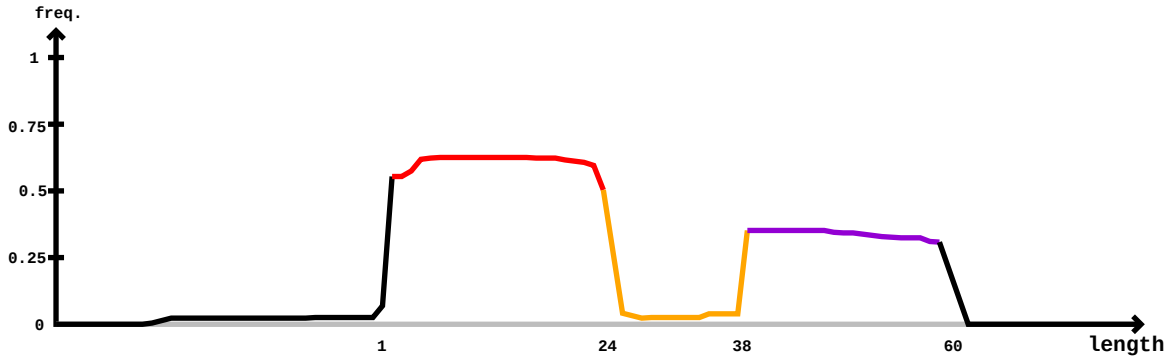
......................uauggaaucgugucuaugu.....	1	0	c15
......................auggaaucgugucuaugu.....	1	0	c15
....uacucguaguacauagacggcuuuccauUa.....	1	1	c15
....ucguaguacauagacggcuuucc.....	1	0	c15
....auagacggcuuuccauaaaa.....	1	0	c15
....auagacggcuuuccauaaaaac.....	5	0	c15
....auagacggcuuuccauaaaaacU.....	1	1	c15
....uagacggcuuuccauaaaaac.....	4	0	c15
....uagacggcuuuccauaaaaacU.....	5	1	c15
....uagacggcuuuccauaaaaaca.....	19	0	c15
....gacggcuuuccauaaaaacauU.....	2	1	c15
..................uuAcuuauggaaucgugu.....	2	1	c02
..................Guucuuauggaaucgugu.....	1	1	c02
..................uuucuuauggaaucguguc.....	3	0	c02
..................uuAcuuauggaaucguguc.....	5	1	c02
..................uuucuuauggaaucgugucA.....	1	1	c02
..................uuAcuuauggaaucgugucu.....	5	1	c02
..................uuucuuauggaaucguCucua.....	1	1	c02
..................uuAcuuauggaaucgugucua.....	5	1	c02
..................uuucuuauggaaucgugucuau.....	6	0	c02
..................uuAcuuauggaaucgugucuau.....	3	1	c02
..................uuucuuauggaaucgugucuaug.....	6	0	c02
..................uuAcuuauggaaucgugucuaug.....	5	1	c02
..................Guucuuauggaaucgugucuaugu.....	12	1	c02
..................uuAcuuauggaaucgugucuaugu.....	114	1	c02
..................uuucuuauggaaucgugucuaugu.....	48	0	c02
..................uuucuuauggaaucgugucuauguu.....	2	0	c02
..................uucuuauggaaucgugucu.....	2	0	c02
..................uucuuauggaaucgugucuaug.....	3	0	c02
..................Gucuuauggaaucgugucuaug.....	1	1	c02
..................uucuuauggaaucgugucuaugu.....	11	0	c02
..................uAcuuauggaaucgugucuaugu.....	1	1	c02
....................Acuuauggaaucgugucuaugu.....	1	1	c02
......................Guuauggaaucgugucuaug.....	1	1	c02
......................cuuauggaaucgugucuaug.....	3	0	c02
......................Uuuauggaaucgugucuaugu.....	3	1	c02
......................cuuauggaaucgugucuaugu.....	16	0	c02
......................cuuauggaaucgugucuauguA.....	3	1	c02
......................cuuauggaaucgugucuauguuU.....	1	1	c02
........................uuauggaaucgugucuau.....	2	0	c02
........................uuauggaCucgugucuaugu.....	1	1	c02
........................uuauggaaucgugucuaugu.....	7	0	c02
........................uuauggaaucgugucuauguu.....	1	0	c02
........................uauggaaucgugucuaugu.....	4	0	c02


Mature
Star
uguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauagacggcuuuccauaaaaacaucagcccugguacauucuucgagggauuuuacaug
.....auggaaucgugucuaugu.....
.....uagacggcuuuccauaaaaaca.....
10 0 c02
1 0 c02

Provisional ID	:	group19_29826
Score total	:	208
Score for star read(s)	:	3.9
Score for read counts	:	201.5
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	407
Mature read count	:	271
Loop read count	:	0
Star read count	:	136





Mature **Star**

```
5'- accugacaucagauguuuaagccuggcuguuguuauuuauggaaucguggccuauguuacucguaguucauaggcgguuuuccauaaaauagcaggcgugguauauucuucg  -3'   obs
    accugacaucagauguuuaagccuggcuguuguuauuuauggaaucguggccuauguuacucguaguucauaggcgguuuuccauaaaauagcaggcgugguauauucuucg        exp
    ...........((.(..((.(((..(((..(((((((((((((((.....(((((((..(((...))).)))))))....))))))))))))))))..))).))..).)).   reads    mm    sample
    ...............................uuauuuauggaaucguggccua.....................................................................   1        0     c02
    ...............................uuauuuauggaaucguggccuauA....................................................................   2        1     c02
    ...............................uauuuauggaaucguggc.........................................................................   1        0     c02
    ...............................uauuuauggaaucguggccuau.....................................................................   5        0     c02
    ...............................Gauuuauggaaucguggccuaug....................................................................   2        1     c02
    ...............................uauuuauggaaucguggccuaug....................................................................   10       0     c02
    ................................auuuauggaaucguggccuau.....................................................................   1        0     c02
    ................................uuuauggaaucguggccuaug.....................................................................   1        0     c02
    ....................................................................uGggcgguuuuccauaaaauag.................................   1        1     c02
    ....................................................................Gaggcgguuuuccauaaaauag.................................   1        1     c02
    ....................................................................uaggcgguuuuccauaaaauag.................................   1        0     c02
    ....................................................................uaggcgguuuuccauaaaauagU................................   1        1     c02
    ....................................................................uaggcgguuuuccauaaaauagc................................   2        0     c02
    ....................................................................uGggcgguuuuccauaaaauagc................................   2        1     c02
    ....................................................................uaggcgguuuuccauaaaauagca...............................   1        0     c02

    ...............................uuauuuauggaaucgugUc.....................................................................   1        1     c15
    ...............................uuauuuauggaaucguggccua..................................................................   1        0     c15
    ...............................uuauuuauggaaucguggccuaug.................................................................   2        0     c15
    ...............................uuauuuauggaaucguggccuaugA................................................................   1        1     c15
    ...............................uuauuuauggaaucguggccuaugu................................................................   2        0     c15
    ...............................uauuuauggaaucguggccua....................................................................   2        0     c15
    ...............................uauuuauggaaucguggccuau...................................................................   7        0     c15
    ...............................uauuuauggaaucgAggccuau...................................................................   1        1     c15
    ...............................uauuuauggaaucguggccuaug..................................................................   54       0     c15
    ...............................uauuuauggaaAcguggccuaug..................................................................   1        1     c15
    ...............................uauuuauggaaucguggccuauU..................................................................   1        1     c15
    ...............................uauuuauggaaucguggccuauUu.................................................................   1        1     c15
    ...............................uauuuauggaaucguggccuaugA.................................................................   1        1     c15
    ...............................uauuuauggaaucguggccuaugu.................................................................   9        0     c15
    ...............................uauuuauggaaucguggccuauguu................................................................   1        0     c15
    ...............................uauuuauggaaucguggccuauguuU...............................................................   2        1     c15
    ...............................uauuuauggaaucguggccuauguuac..............................................................   1        0     c15
```

Mature Star

accugacaucagauguuuaagccuggcuguuguuauuuauggaaucguggccuauguuacucguaguucauaggcgguuuuccauaaauagcaggcgugguauauucuucg

.....auuuauggaaucguggccuaug.....	2	0	c15
.....uuuauggaaucguggccuauguu.....	1	0	c15
.....uuuauggaaucguggccuauguuC.....	1	1	c15
.....uauggaaucguggccuau.....	1	0	c15
.....uucauaggcgguuuuccauaaau.....	5	0	c15
.....uGggcgguuuuccauaaauag.....	16	1	c15
.....uaggcggAuuuccauaaauag.....	1	1	c15
.....uaggcgguuuuccauaaauag.....	29	0	c15
.....uaggcgguuuuccauaaauagU.....	3	1	c15
.....uGggcgguuuuccauaaauagc.....	27	1	c15
.....uaggcgguuuuccauaaauagc.....	19	0	c15
.....uGggcgguuuuccauaaauagca.....	1	1	c15
........ucagauguuuaagccuggAuguuguu.....	1	1	c04
........ucagauguuuaagccuggcuguuguu.....	1	0	c04
.........agauguuuaagccuggcuguug.....	2	0	c04
.....Gauuuauggaaucguggcc.....	1	1	c04
.....uauuuauggaaucguggccuau.....	5	0	c04
.....Gauuuauggaaucguggccuau.....	1	1	c04
.....uauuuauggaaucguggccuaug.....	20	0	c04
.....Gauuuauggaaucguggccuaug.....	1	1	c04
.....uauuuauggaaucguggccuaugA.....	1	1	c04
.....uuauggaaucguggccuau.....	1	0	c04
.....uuauggaaucguggccuaug.....	1	0	c04
.....uuauggaaucguggccuauguu.....	1	0	c04
.....guuacucguaguucauaggcgguu.....	1	0	c04
.....uacucguaguucauaggcgguu.....	1	0	c04
.....uacucguaguucauGggcgguuuucc.....	1	1	c04
.....ucguaguucauGggcgguuuuccaua.....	1	1	c04
.....uaggcgguuuuccauaaauagU.....	1	1	c04
.....uaggcgguuuuccauaaauagca.....	1	0	c04
.........cagauguuuaagccuggcuguugu.....	1	0	c16
.........cagauguuuaagccuggcuguuguu.....	2	0	c16
.........cagauguuuaagccuggcuguuguua.....	1	0	c16
.........agauguuuaagccuggcuguuguua.....	1	0	c16
.........agauguuuaagccuggcuguuguuaC.....	1	1	c16
.....gcuguuguuaCuuauggaaucgu.....	1	1	c16
.....uuauuuauggaaucgugUc.....	1	1	c16
.....uuauuuauggaaucguggccu.....	1	0	c16
.....uuauuuauggaaucguggccuau.....	1	0	c16
.....uuauuuauggaaucguggccuauA.....	2	1	c16
.....uuauuuauggaaucguggccuaug.....	4	0	c16
.....uuauuuauggaaucguggccuaugC.....	1	1	c16
.....uauuuauggaaucguggcc.....	1	0	c16
.....uauuuauggaaucguggccua.....	1	0	c16
.....Gauuuauggaaucguggccuau.....	1	1	c16
.....uauuuauggaaucguggccuau.....	16	0	c16
.....uauuuauggaGucguggccuaug.....	1	1	c16
.....Gauuuauggaaucguggccuaug.....	5	1	c16
.....uauuuauggaaucguggccuauU.....	1	1	c16
.....uauuuauggaaucCuggccuaug.....	1	1	c16
.....uauuuauggaCucguggccuaug.....	1	1	c16
.....uauuuauggaaucguggccuaug.....	39	0	c16
.....Aauuuauggaaucguggccuaug.....	1	1	c16
.....uauuuauggaaucguggccuaugu.....	6	0	c16
.....uauuuauggaaucguggccuaugA.....	1	1	c16
.....uauuuauggaaucguggccuauguu.....	1	0	c16
.....auuuauggaaucguggccuaug.....	1	0	c16
.....uuuauggaaucCuggccu.....	1	1	c16
.....uuuauggaaucguggccuaug.....	1	0	c16
.....uuuauggaaucguggccuaugA.....	1	1	c16
.....uuuauggaaucguggccuaugu.....	1	0	c16
.....uuuauggaaucguggccuauguu.....	2	0	c16
.....uuuauggaaucguggccuauguua.....	1	0	c16
.....uuauggaaucguggccuau.....	1	0	c16
.....uuauggaaucguggccuaug.....	6	0	c16
.....Guauggaaucguggccuaug.....	2	1	c16
.....uuauggaaucguggccuaugu.....	3	0	c16
.....auggaaucguggccuaugu.....	1	0	c16

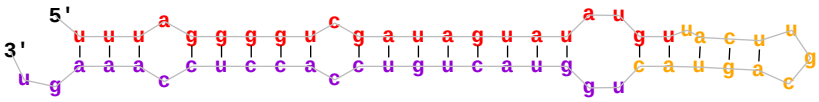
Mature Star

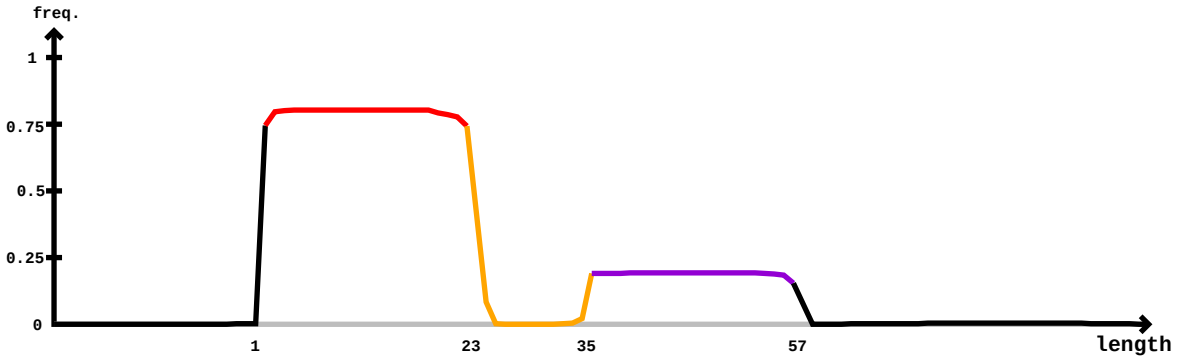
accugacaucagauguuuaagccuggcuguugguauuuauggaaucguggccuauguuacucguaguucauaggcgguuuuccauaaauagcaggcgugguauauucuucg

.....guuacucguaguucauaggcgguC.....	1	1	c16
.....guuacucguaguucauaggcgguuuCc.....	1	1	c16
.....guuacucguaguucauaggcgguuuuc.....	1	0	c16
.....Ccucguaguucauaggcgguuu.....	1	1	c16
.....Ccucguaguucauaggcgguuuucc.....	1	1	c16
.....acucguaguucauGggcgguuuucca.....	1	1	c16
.....ucguaguucauaggcgguuuCcca.....	1	1	c16
.....uaggcgguuuuccauaaauag.....	6	0	c16
.....uGggcgguuuuccauaaauag.....	2	1	c16
.....Gaggcgguuuuccauaaauagc.....	1	1	c16
.....uGggcgguuuuccauaaauagc.....	1	1	c16
.....uaggcgguuuuccauaaauagc.....	2	0	c16
.....uGggcgguuuuccauaaauagca.....	1	1	c16
.....uaggcgguuuuccauaaauagca.....	3	0	c16
.....uaggcgguuuuccauaaauagUa.....	1	1	c16

.....uuauuuauggaaucguggccuaug.....	1	0	c09
.....uauuuauggaaucguggccuau.....	3	0	c09
.....uauuuauggaaucguggccuaug.....	3	0	c09
.....Gauuuauggaaucguggccuaug.....	1	1	c09
.....uauuuauggaaucguggccuaugu.....	1	0	c09
.....uuuauggaaucguggccuauguu.....	1	0	c09
.....uuauggaaucguggccuaug.....	4	0	c09
.....uuauAgaaucguggccuaug.....	1	1	c09
.....uauggaaucguggccuaugu.....	1	0	c09
.....uucauaggcgguuuuccau.....	1	0	c09
.....uaggcgguuuuccauaaau.....	1	0	c09
.....uaggcgguuuuccauaaaua.....	1	0	c09
.....uaggcgguuuuccauaaauag.....	6	0	c09
.....uGggcgguuuuccauaaauag.....	1	1	c09
.....uaggcgguuuuccauaaauagc.....	1	0	c09
.....uaggcgguuuuccauaaauagA.....	1	1	c09
.....uaggcgguuuuccauaaauagca.....	1	0	c09

Provisional ID	:	group19_29827
Score total	:	236.5
Score for star read(s)	:	3.9
Score for read counts	:	230.1
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	463
Mature read count	:	374
Loop read count	:	0
Star read count	:	89





Mature **Star**

```
5'- uuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacuguccaccuccaaaguagcaguccugguucauuccucgaagacuucugcaug  -3'   obs
    uuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacuguccaccuccaaaguagcaguccugguucauuccucgaagacuucugcaug        exp
    ......((((((((((.(((((.(((((.(((((((((..((.(((...)))))..)))))))))..)))))).)))))).)))))))).((((.....................  reads    mm    sample
    ...................uuuaggggucgauaguauaug.....................................................................  1        0     c09
    ...................uuuaggggucgauaguauaugu....................................................................  5        0     c09
    ..........................................................ugguacuguccaccuccaaag.....................................  1        0     c09
    ..........................................................ugguacuguccaccuccaaagu....................................  3        0     c09
    ..........................................................Ggguacuguccaccuccaaagu....................................  1        1     c09
    ..............................................................acuguccaccuccaaagu....................................  1        0     c09

    .................cgcuuuaggggucgauaguaua....................................................................  1        0     c04
    ...................uuuaggggucgauaguaua.....................................................................  1        0     c04
    ...................Guuaggggucgauaguauaugu..................................................................  3        1     c04
    ...................uuuaggggucgauaguauaugu..................................................................  5        0     c04
    ...................uuuaggggucgauaguauauguu.................................................................  1        0     c04
    ...................uuuaggggucgauaguauauguA.................................................................  7        1     c04
    ...................uuuaggggucgauaguauauguAa................................................................  2        1     c04
    ..........................................................ugguacuguccaccucca....................................  1        0     c04

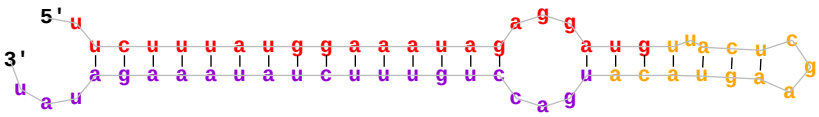
    ...................uuuaggggucgauaguau......................................................................  4        0     c16
    ...................Guuaggggucgauaguau......................................................................  1        1     c16
    ...................uuuaggggucgauaguaua.....................................................................  1        0     c16
    ...................uuuaggggucgauaguauau....................................................................  1        0     c16
    ...................uuuaggggucgauaguauaug...................................................................  3        0     c16
    ...................uCuaggggucgauaguauaugu..................................................................  1        1     c16
    ...................Guuaggggucgauaguauaugu..................................................................  9        1     c16
    ...................uuuaggggucgauaguauaugu..................................................................  56       0     c16
    ...................uuuagggCucgauaguauaugu..................................................................  1        1     c16
    ...................uuuaggggucgauaguauauguu.................................................................  5        0     c16
    ...................uuuaggggucgauaguauauguA.................................................................  8        1     c16
    ...................uuuaggggucgauaguauauguG.................................................................  1        1     c16
    ...................uuuaggggucgauaguauauguAa................................................................  3        1     c16
    ...................uuuaggggucgauaguauauguua................................................................  1        0     c16
    ....................uuaggggucgauaguauauguua................................................................  2        0     c16
    .....................uaggggucgauaguauauguua................................................................  1        0     c16
    ..........................................................cugguacuguccaccuccaaagu....................................  1        0     c16
```

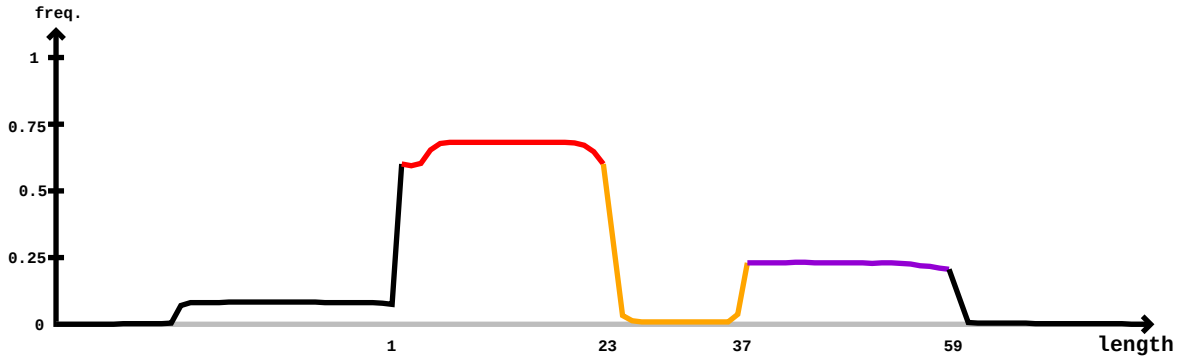
Mature Star

uuucaaaaccggauugucgcuuuaggggucgauaguauauguuacuugcaguacugguacuguccaccuccaaaguagcaguccugguucauuccucgaagacuucugcaug

.....Ggguacuguccaccuccaaagu.....	2	1	c16
.....ugguacuguccaccuccaaagu.....	11	0	c16
.....uccugguAcauuccucgaagacuuc.....	1	1	c16
.....cauuccucgaagacuucugcau.	1	0	c16
.....uuuaggggucgauaguauau.....	1	0	c02
.....uuuaggggucgauaguauaug.....	1	0	c02
.....Guuaggggucgauaguauaug.....	1	1	c02
.....uuuaggggucgauaguauaugu.....	27	0	c02
.....Guuaggggucgauaguauaugu.....	4	1	c02
.....uuuaggggucgauaguauauguu.....	1	0	c02
.....uuuaggggucgauaguauauguA.....	1	1	c02
.....uuaggggucgauaguauau.....	1	0	c02
.....ugguacuguccaccuccaaag.....	2	0	c02
.....ugguacuguccCccuccaaagu.....	1	1	c02
.....ugguacuguccaccuccaaagu.....	8	0	c02
.....uuuaggggucgauaguauau.....	1	0	c15
.....uuuaggggucgauaguauaug.....	10	0	c15
.....uuuaggggucgauaguauaugA.....	1	1	c15
.....uGuaggggucgauaguauaugu.....	1	1	c15
.....uuuaggggucgauaguauaugu.....	154	0	c15
.....uuuaggggucgauagCauaugu.....	1	1	c15
.....uuuaggggucgUuaguauaugu.....	1	1	c15
.....uuuaggggAcgauaguauaugu.....	1	1	c15
.....uuuagggAucgauaguauaugu.....	1	1	c15
.....uCuaggggucgauaguauaugu.....	1	1	c15
.....uuuaggggucgauaguauauguu.....	5	0	c15
.....uuuaggggucgauaguauauguA.....	4	1	c15
.....uuuaggggucgauaguauauguua.....	4	0	c15
.....uuuaggggucgauaguauauguuU.....	6	1	c15
.....uuaggggucgauaguauauguu.....	2	0	c15
.....uuaggggucgauaguauauguua.....	18	0	c15
.....uuaggggucgauaguauauguuaU.....	1	1	c15
.....uaggggucgauaguauauguua.....	1	0	c15
.....aggggucgauaguauaugu.....	1	0	c15
.....uacugguacuguccaccuccaa.....	1	0	c15
.....acugguacuguccaccuccaaa.....	1	0	c15
.....cugguacugCccaccuccaaa.....	1	1	c15
.....cugguGcuguccaccuccaaag.....	1	1	c15
.....cugguacuguccaccuccaaag.....	5	0	c15
.....ugguacuguccaccuccaaag.....	5	0	c15
.....ugguacugCccaccuccaaagu.....	1	1	c15
.....Agguacuguccaccuccaaagu.....	1	1	c15
.....ugguacuguccaccuccaaagu.....	39	0	c15
.....ugguacuguccaccuccaaagua.....	1	0	c15
.....ugguacuguccaccuccaaaguU.....	2	1	c15

Provisional ID	:	group19_29830
Score total	:	210.8
Score for star read(s)	:	3.9
Score for read counts	:	204.1
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	412
Mature read count	:	311
Loop read count	:	0
Star read count	:	101





Mature **Star**

```
5'- cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg  -3'   obs
    cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg        exp
    .............(((((((...(((((((....((((((((((((((...((((.(((...)))))))...)))))))))))))))...)))))))))))).....   reads     mm      sample
    ................................uuUuuuauggaaauagaggaug.....................................................   1         1       c15
    ................................uucuuuauggaaauagaggauU.....................................................   1         1       c15
    ................................uucuuuauggaaauagaUgaug.....................................................   1         1       c15
    ................................uucuuuauggaaauagaggaug.....................................................   45        0       c15
    ................................uucuuuauggaaauagaggaugu....................................................   10        0       c15
    ................................uucuuuauggaaauagaggaugA....................................................   2         1       c15
    ..............................................uuacucgaaguacaugaccuguuucuauaU..............................   1         1       c15
    ...................................................augaccuguuucuauaaagauau....................................   4         0       c15
    ...................................................ugaccuguuucuauaaag.........................................   1         0       c15
    ...................................................ugaccuguuucuauaaagau.......................................   1         0       c15
    ...................................................ugaUcuguuucuauaaagauau.....................................   5         1       c15
    ...................................................ugaccuguuucuauaaagauau.....................................   55        0       c15
    ...................................................ugaccugGuucuauaaagauau.....................................   1         1       c15
    ...................................................ugaccuguuucuauaaagauauU....................................   16        1       c15
    ...................................................ugaccuguuucuauaaagauauUa...................................   1         1       c15

    ................................auucuuuauggaaauagaggaug....................................................   1         0       c02
    ................................uucuuuauggaaauagagga.......................................................   1         0       c02
    ................................uucuuuauggaaauagaggC.......................................................   1         1       c02
    ................................Gucuuuauggaaauagaggaug.....................................................   1         1       c02
    ................................uucuuuauggaaauagaggaug.....................................................   5         0       c02
    ................................uucuuuauggaaauagaggaugu....................................................   2         0       c02
    ..................................Guuauggaaauagaggaug.......................................................   1         1       c02
    ..................................uuuauggaaauagaggaug.......................................................   3         0       c02
    ..................................uuuauggaaauagaggaugu......................................................   1         0       c02
    ...................................uuauggaaauagaggaug.......................................................   1         0       c02
    ...................................................augaUcuguuucuauaaag.......................................   1         1       c02
    ...................................................augaUcuguuucuauaaagauau...................................   1         1       c02
    ...................................................ugaccuguuucuauaaagauau.....................................   1         0       c02

    ................................uucuuuauggaaauagag........................................................   1         0       c09
    ................................uucuuuauggaaauagagg.......................................................   1         0       c09
    ................................uucuuuauggaaauagagga......................................................   3         0       c09
```

Mature Star

```
cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg
.....Gucuuuauggaaauagagga..... 1 1 c09
.....uucuuuauggaaauagaggau..... 2 0 c09
.....uucuuuauggaaauagaggauU..... 1 1 c09
.....uucuuuauggaaauagaggaug..... 13 0 c09
.....Gucuuuauggaaauagaggaug..... 2 1 c09
.....uucuuuauggaaauagaggaugu..... 3 0 c09
.....cuuuauggaaauagaggau..... 1 0 c09
.....cuuuauggaaauagaggaug..... 4 0 c09
.....uuuauggaaauagaggau..... 1 0 c09
.....uuuauggaaauagaggaug..... 3 0 c09
.....Guuauggaaauagaggaugu..... 1 1 c09
.....uuuauggaaauagaggaugu..... 1 0 c09
.....uuuauggaaauagaggauguuUc..... 1 1 c09
.....uuauggaaauagaggaug..... 1 0 c09
.....augaccuguuucuauaaag..... 1 0 c09
.....augaccuguuucuauaaaAau..... 1 1 c09
.....augaccuguuucuauaaagauau..... 1 0 c09
.....augaUcuguuucuauaaagauau..... 1 1 c09
.....augaccuguuucuauaaagauauU..... 1 1 c09
.....ugaccuguuucuauaaaga..... 1 0 c09
.....ugaUcuguuucuauaaagaua..... 1 1 c09
.....ugaccuguuucuauaaagauau..... 1 0 c09

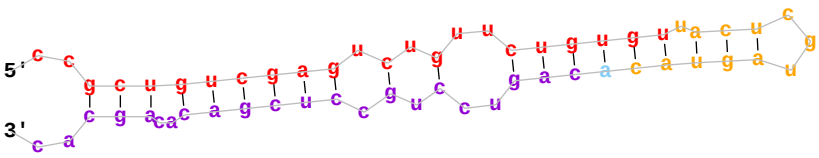
..........cagauCuuuaaaccggacugu..... 1 1 c16
..........cagauguuuaaaccggacugua..... 3 0 c16
..........cagauguuuaaacAggacugua..... 1 1 c16
..........cagauguuuaaaccggacuguaau..... 4 0 c16
..........cagauguuuaaaccggacuguaauu..... 3 0 c16
..........cagauguuuaaaccggacuguaauuc..... 13 0 c16
..........cagauguuuaaaccggacuguaaGuc..... 1 1 c16
..........cagauguuuaaaccggacuguaauucu..... 3 0 c16
..........cagauguuuaaaccggacuguaaGucu..... 1 1 c16
...........agauguuuaaaccggacuguaauu..... 2 0 c16
...........agauguuuaaaccggacuguaauuc..... 1 0 c16
...........agauguuuaaaccggacuguaauucu..... 1 0 c16
.............guuuaaaccggacuguaauuc..... 1 0 c16
.....auucuuuauggaaauagaggaugu..... 1 0 c16
.....Gucuuuauggaaauagagg..... 1 1 c16
.....uucuuuauggaaauagagg..... 2 0 c16
.....uucuuuauggaaauagagga..... 4 0 c16
.....Gucuuuauggaaauagaggau..... 3 1 c16
.....uucuuuauggaaauagaggau..... 9 0 c16
.....uucuuuauggaaauagaUgau..... 1 1 c16
.....uucuuuauggaaauagaggUug..... 1 1 c16
.....uucuuuauggaaauagaAgaug..... 2 1 c16
.....uucuuuauggaaauagaggaug..... 63 0 c16
.....Gucuuuauggaaauagaggaug..... 5 1 c16
.....Gucuuuauggaaauagaggaugu..... 4 1 c16
.....uucuuuauggaaauaUaggaugu..... 1 1 c16
.....uucuuuauggaaauagaggaugu..... 23 0 c16
.....uucuuuauggaaauagaggauguA..... 5 1 c16
.....Gucuuuauggaaauagaggauguu..... 1 1 c16
.....uucuuuauggaaauagaggauguAa..... 2 1 c16
.....uUuuuauggaaauagaggaugu..... 1 1 c16
.....cuuuauggaaauagaggaug..... 1 0 c16
.....Guuuauggaaauagaggaug..... 1 1 c16
.....cuuuauggaaauagaggaugA..... 1 1 c16
.....cuuuauggaaauagaggaugu..... 1 0 c16
.....uuuauggaaauaAaggau..... 1 1 c16
.....uuuauggaaauagaggau..... 3 0 c16
.....uuuauggaaauagaggaug..... 10 0 c16
.....Guuauggaaauagaggaug..... 2 1 c16
.....uuuauggaaauagaggaugu..... 9 0 c16
.....uuauggaaauagaggaug..... 5 0 c16
.....Auauggaaauagaggaug..... 1 1 c16
.....uuauggaaauagaUgaug..... 1 1 c16
.....uuauggaaauagaggauguC..... 1 1 c16
.....uuauggaaauagaggauguA..... 2 1 c16
.....uauggaaauagaggaugu..... 1 0 c16
.....acucgaaguacaugaccug..... 1 0 c16
```

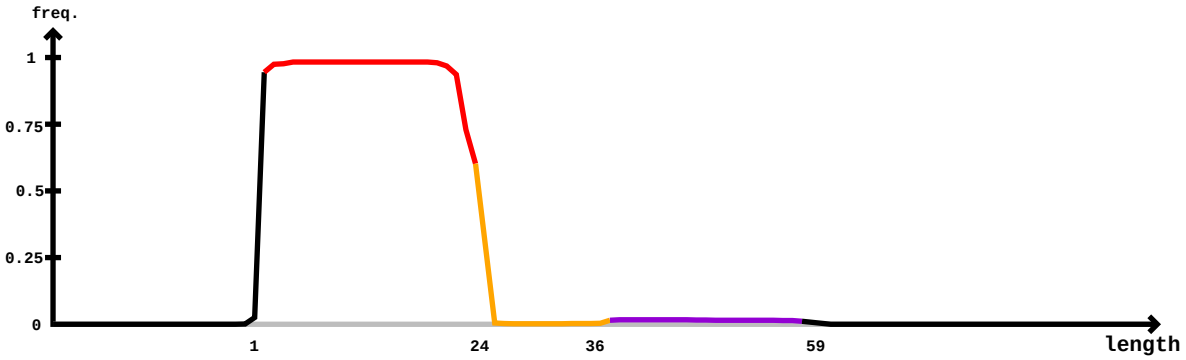
Mature **Star**

```
cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggauguuacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg
.....................................................Ccucgaaguacaugaccuguuucua.....................................  1  1  c16
.....................................................ucgaaguacaugaUcuguuucuauaaa.....................................  1  1  c16
.....................................................augaUcuguuucuauaaagauau........................................  2  1  c16
.....................................................ugaccuguuucuauaaagau...........................................  1  0  c16
.....................................................ugaccuguuucuauaaagaua..........................................  1  0  c16
.....................................................ugaUcuguuucuauaaagauau.........................................  1  1  c16
.....................................................Ggaccuguuucuauaaagauau.........................................  1  1  c16
.....................................................uguuucuauaaagauaucaguccgg.....................................  1  0  c16
.....................................................aaagauaucaguccggagacauucuu..  1  0  c16

.....cuacaucagauguuuaaaccg.....................................................................................  1  0  c04
.....ucagauguuuaaaccggacuguaauuc...............................................................................  1  0  c04
.....agauguuuaaaccggacuguaauu..................................................................................  1  0  c04
.....uucuuuauggaaauagagga......................................................................................  1  0  c04
.....uucuuuauggaaauagaggaug....................................................................................  10 0  c04
.....Gucuuuauggaaauagaggaug....................................................................................  1  1  c04
.....uucuuuauggaaauagaggaugu...................................................................................  3  0  c04
.....uucuuuauggaaauagaggauguA..................................................................................  1  1  c04
.....cuuuauggaaauagaggaug.......................................................................................  1  0  c04
.....uuuauggaaauagaggaug........................................................................................  1  0  c04
.....uuuauggaaauagaggaugu.......................................................................................  1  0  c04
.....uuuauggaaauagaggauguA......................................................................................  1  1  c04
.....uuauggaaauagaggaug.........................................................................................  2  0  c04
.....uuauggaaauagaggaugu........................................................................................  1  0  c04
.....Guauggaaauagaggaugu........................................................................................  1  1  c04
.....uauggaaauagaggaugu.........................................................................................  1  0  c04
```

Provisional ID	:	group19_29831
Score total	:	543.3
Score for star read(s)	:	3.9
Score for read counts	:	537
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1065
Mature read count	:	1050
Loop read count	:	0
Star read count	:	15





Mature **Star**

```
5'- aucuauuaaccggucuguugccgcugucgagucuguucuguguuacucguaguacacaguccugccucgacacagcacuaggcacgguauacucggucuacuauaaacguaug  -3'   obs
    aucuauuaaccggucuguugccgcugucgagucuguucuguguuacucguaguacacaguccugccucgacacagcacuaggcacgguauacucggucuacuauaaacguaug        exp
    ........(((((((((.(((.(.(((((((.(.(..((((((.(((...)))))))))..).).)))))))).))).)))))).))))..........................  reads   mm   sample
    ..................gccgcugucgagucAguucugug..........................................................................  1       1    c02
    ..................gccgcugucgagucAguucugugu.........................................................................  3       1    c02
    ..................ccgcugucgagucAguucu..............................................................................  2       1    c02
    ..................ccgcugucgagucuguucu..............................................................................  1       0    c02
    ..................ccgcugucgagucAguucug.............................................................................  10      1    c02
    ..................ccgcugucgagucuguucugu............................................................................  7       0    c02
    ..................ccgcugucgagucAguucugu............................................................................  48      1    c02
    ..................ccgcugucgagucuguucugug...........................................................................  3       0    c02
    ..................ccgcugucgagucAguucugug...........................................................................  27      1    c02
    ..................ccgcugucgagucAguucugugu..........................................................................  147     1    c02
    ..................ccgcugucgagucGguucugugu..........................................................................  1       1    c02
    ..................ccgcugucgagucuguucugugu..........................................................................  14      0    c02
    ..................ccgcugucgaguAuguucugugu..........................................................................  1       1    c02
    ..................ccgcugucgagucuguucuguguu.........................................................................  2       0    c02
    ..................ccgcugucgagucAguucuguguu.........................................................................  2       1    c02
    ..................cgcugucgagucAguucugug............................................................................  1       1    c02
    ..................cgcugucgagucAguucugugu...........................................................................  4       1    c02
    ..................cugucgagucAguucugugu.............................................................................  1       1    c02
    ..........................................................caguccugccucgacacagc....................................  1       0    c02

    ..................gccgcugucgagucAguucu..............................................................................  1       1    c15
    ..................gccgcugucgagucAguucug.............................................................................  3       1    c15
    ..................gccgcugucgagucAguucugu............................................................................  5       1    c15
    ..................gccgcugucgagucAguucugug...........................................................................  1       1    c15
    ..................gccgcugucgagucAguucuguguu........................................................................  1       1    c15
    ..................ccgcugucgagucAguucu..............................................................................  1       1    c15
    ..................ccgcugucgagucAguucug.............................................................................  3       1    c15
    ..................ccgcugucgagucAguucugu............................................................................  45      1    c15
    ..................ccgcugucgagucuguuUugu............................................................................  1       1    c15
    ..................ccgcugucgagucuguucugu............................................................................  4       0    c15
    ..................ccgcugucgagucAguucugug...........................................................................  31      1    c15
    ..................ccgcugucgagucuguucugug...........................................................................  3       0    c15
    ..................ccgcugucgagucuguucugugu..........................................................................  16      0    c15
```

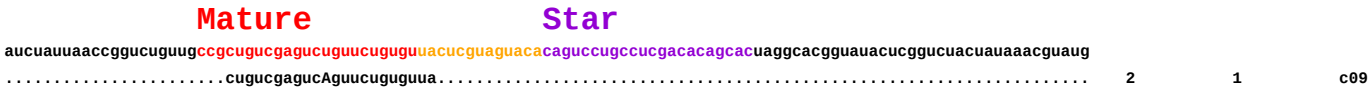
Mature Star

```
aucuauuaaccggucuguugccgcugucgagucuguucuguguuacucguaguacacaguccugccucgacacagcacuaggcacgguauacucggucuacuauaaacguaug
.....................ccgcugucgagucAguucuguu.....................  95  1  c15
.....................ccgcugucgagucuguucuguuu.....................  1  0  c15
.....................ccgcugucgagucAguucuguuu.....................  6  1  c15
.....................ccgcugucgagucuguucuguuuaA.....................  1  1  c15
.....................cgcugucgagucuguucuguu.....................  4  0  c15
.....................cgcugucgagucAguucuguu.....................  7  1  c15
.....................cgcugucgagucAguucuguuu.....................  4  1  c15
.....................cgcugucgagucuguucuguuu.....................  1  0  c15
.....................................................uacacaguccugccucgacaca.....................  1  0  c15
.....................................................acaguccugccucgacacagcaUu.....................  1  1  c15
.....................................................caguccugccucgacacagca.....................  2  0  c15
.....................................................caguccugccucgacacagcac.....................  4  0  c15
.....................................................caguccugccucgacacagcaAu.....................  1  1  c15

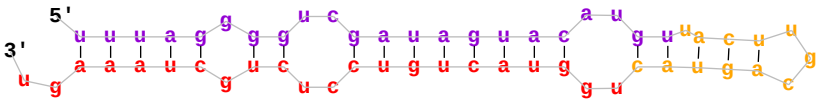
.....................ccgcugucgagucAguucugu.....................  5  1  c04
.....................ccgcugucgagucAguucugug.....................  2  1  c04
.....................ccgcugucgagucuguucugug.....................  2  0  c04
.....................ccgcugucgagucAguucugug.....................  9  1  c04

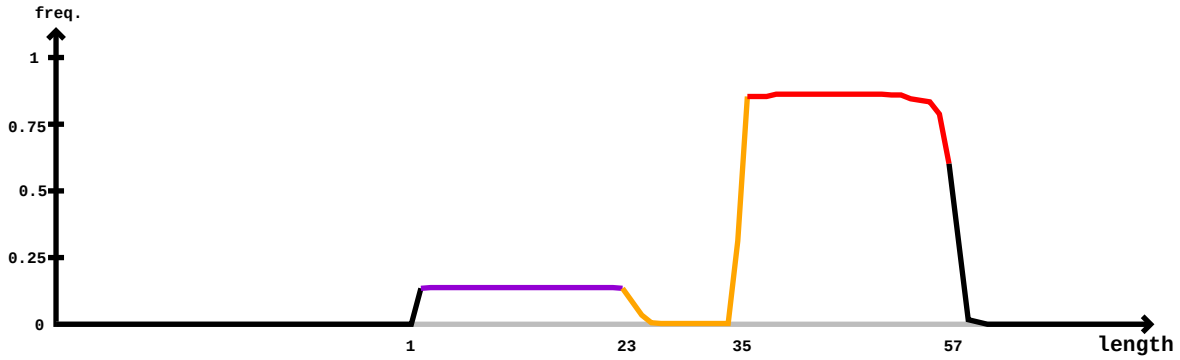
...................ugccgcugucgagucAguucugu.....................  1  1  c16
...................gccgcugucgagucAguucug.....................  4  1  c16
...................gccgcugucgagucAguucugu.....................  2  1  c16
...................gccgcugucgagucAguucugug.....................  1  1  c16
...................gccgcugucgagucAguucugugu.....................  1  1  c16
.....................ccgcugucgagucAguucu.....................  2  1  c16
.....................ccgcugucgagucAguucug.....................  3  1  c16
.....................ccgcugucgagucuguucug.....................  2  0  c16
.....................ccgcugucgagucAguucugu.....................  47  1  c16
.....................ccgcugucgagucuguucugu.....................  8  0  c16
.....................ccgcugucgagucuguucugug.....................  5  0  c16
.....................ccgcugucgagucAguucugug.....................  38  1  c16
.....................ccgcugucgagucuguucugugu.....................  18  0  c16
.....................ccAcugucgagucuguucugugu.....................  1  1  c16
.....................ccgcugucgagucAguucugugu.....................  158  1  c16
.....................ccgcugucgagucAguucuguguu.....................  4  1  c16
.....................cgcugucgagucAguucugu.....................  2  1  c16
.....................cgcugucgagucAguucugug.....................  1  1  c16
.....................cgcugucgagucuguucugugu.....................  1  0  c16
.....................cgcugucgagucAguucugugu.....................  4  1  c16
.....................cugucgagucAguucuguguu.....................  1  1  c16
.....................................guuacucguaguacacaguccugccu.....................  1  0  c16
.....................................acucguaguacacaguccugc.....................  1  0  c16
.....................................................caguccugccucgacacagc.....................  1  0  c16
.....................................................caguccugccucgacacCgc.....................  1  1  c16
.....................................................caguccugccucgacacagcaA.....................  1  1  c16
.....................................................caguccugccucgacacagcac.....................  1  0  c16
.....................................................aguccugccucgacacagcac.....................  1  0  c16
.....................................................aguccugccucgacacagcacu.....................  1  0  c16

...................gccgcugucgagucAguucug.....................  2  1  c09
...................gccgcugucgagucAguucugu.....................  1  1  c09
.....................ccgcugucgagucAguuc.....................  3  1  c09
.....................ccgcugucgagucAguucu.....................  5  1  c09
.....................ccgcugucgagucuguucu.....................  1  0  c09
.....................ccgcugucgagucAguucug.....................  7  1  c09
.....................ccgcugucgagucuguucugu.....................  4  0  c09
.....................ccgcugucgagucAguucugu.....................  39  1  c09
.....................ccgcugucCagucuguucugu.....................  1  1  c09
.....................ccgcugucgagucuguucugug.....................  3  0  c09
.....................ccgcugucgagucAguucugug.....................  16  1  c09
.....................ccgcugucgagucuguucugugu.....................  15  0  c09
.....................ccgcugucgagucAguucugugu.....................  106  1  c09
.....................ccgcugucgagucuguucuguguu.....................  1  0  c09
.....................ccgcugucgagucAguucuguguu.....................  5  1  c09
.....................cgcugucgagucAguucugug.....................  1  1  c09
.....................cgcugucgagucAguucugugu.....................  2  1  c09
.....................gcugucgagucAguucugug.....................  1  1  c09
.....................gcugucgagucuguucugugu.....................  1  0  c09
.....................cugucgagucAguucugu.....................  2  1  c09
.....................cugucgagucAguucugug.....................  1  1  c09
```


Mature
Star
aucuauuaaccggucuguugccgcugucgagucuguucuguguuacucguaguacacaguccugccucgacacagcacuaggcacgguauacucggucuacuauaaacguaug
.....cugucgagucAguucuguguua.....
2
1
c09

Provisional ID	:	group19_29834
Score total	:	177.4
Score for star read(s)	:	3.9
Score for read counts	:	171.4
Score for mfe	:	1.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	348
Mature read count	:	300
Loop read count	:	0
Star read count	:	48





Star **Mature**

```
5'- cugucuuacaaaaugauuucaaaaccgaauugucgcuuuaggggucgauaguacauguuacuugcaguacugguacuguccucugcuaaaguagcaguccugguacaugccu  -3'   obs
    cugucuuacaaaaugauuucaaaaccgaauugucgcuuuaggggucgauaguacauguuacuugcaguacugguacuguccucugcuaaaguagcaguccugguacaugccu        exp
    .....................((((.(((((.(((((((.((..(((((((((..((.(((...)))))..))))))))).))).)))))))..))))).....  reads    mm    sample
    ..................................uuuagggCucgauaguacaugu.....................................................  1        1     c09
    ..................................uuuaggggucgauaguacaugu.....................................................  1        0     c09
    ..................................................................cugguacuguccucugcuaaa.....................  1        0     c09
    ..................................................................cugguacuguccucugcuaaag....................  2        0     c09
    ..................................................................cugguacuguccucugcuaaagu...................  7        0     c09
    ..................................................................Ggguacuguccucugcua........................  1        1     c09
    ..................................................................ugguacuguccucugcuaaa......................  1        0     c09
    ..................................................................ugguacuguccucugcuaaag.....................  3        0     c09
    ..................................................................ugguacuguccucugcuaaagu....................  22       0     c09
    ..................................................................ugguacuguccucugcuaaaguag..................  1        0     c09
    ..................................................................uacuguccucugcuaaaguagc....................  1        0     c09

    ..................................uuuaggggucgauaguacaugu.....................................................  1        0     c04
    ..................................uuuaggggucgauaguacauguu....................................................  1        0     c04
    ..................................uuuaggggucgauaguacauguua...................................................  1        0     c04
    ..................................................................cugguacuguccucugcu........................  1        0     c04
    ..................................................................cugguacuguccucugcuaaag....................  1        0     c04
    ..................................................................ugguacuguccucugcua........................  1        0     c04
    ..................................................................ugguacuguccucugcuaaag.....................  1        0     c04
    ..................................................................Ggguacuguccucugcuaaagu....................  1        1     c04
    ..................................................................ugguacuguccucugcuaaagu....................  2        0     c04

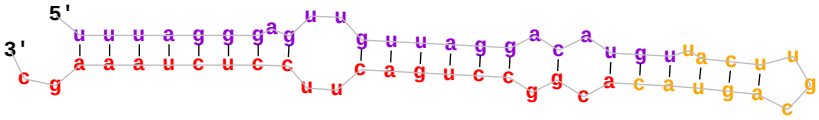
    ..................................uuuaggggucgauaguacaug......................................................  1        0     c16
    ..................................Guuaggggucgauaguacaugu.....................................................  2        1     c16
    ..................................uuuaggggucgauaguacaugu.....................................................  10       0     c16
    ..................................uuuaggggucgauaguacauguu....................................................  1        0     c16
    ..................................uuuaggggucgauaguacauguua...................................................  3        0     c16
    ..................................uuuaggggucgauaguacauguAa...................................................  4        1     c16
    ..................................uuuaggggucgauaguacauguuaA..................................................  1        1     c16
    ..................................uuagggguAgauaguacauguua....................................................  1        1     c16
    ..........................................................acuugcaguacugguacuguccucug.........................  1        0     c16
    ..................................................................cugguacuguccucugcu........................  1        0     c16
    ..................................................................cugguacuguccucugcuaa......................  1        0     c16
```

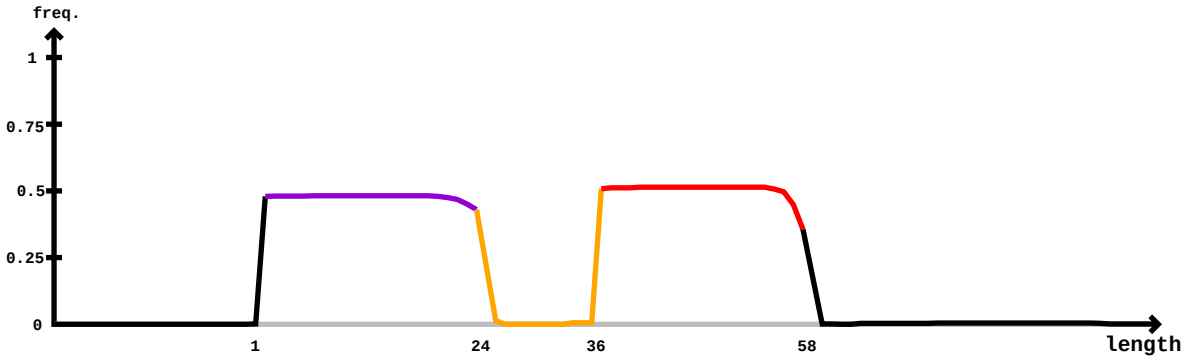
Star Mature

cugucuuacaaaaugauuucaaaaccgaauugucgcuuuaggggucgauaguacauguuacuugcaguacugguacuguccucugcuaaaaguagcaguccugguacaugccu

.....cugguacuguccucugcuaaa.....	2	0	c16
.....cugguacuguccucugcuaaag.....	4	0	c16
.....cugguacuguccucugcuaaagu.....	11	0	c16
.....ugguacuguccucugcuaaa.....	3	0	c16
.....Ggguacuguccucugcuaaag.....	1	1	c16
.....ugguacuguccucugcuaaag.....	3	0	c16
.....ugguacuguccucugcuaaaU.....	1	1	c16
.....Ggguacuguccucugcuaaagu.....	2	1	c16
.....ugUuacuguccucugcuaaagu.....	1	1	c16
.....ugAuacuguccucugcuaaagu.....	1	1	c16
.....ugguacuguccucugcuaaagu.....	21	0	c16
.....ugguacuguccucugcuaaagua.....	1	0	c16
.....ugguacuguccucugcuaaaguaA.....	1	1	c16
.....uuuaggggucgauaguacaugu.....	13	0	c15
.....uuuaggggucgauaguacauguua.....	1	0	c15
.....cugguacuguccucugcuaaa.....	2	0	c15
.....cugguacuguccucugcuaaag.....	13	0	c15
.....cugguacuguccucugcuaaagu.....	35	0	c15
.....cugguacuguccucugcuaaagA.....	1	1	c15
.....cugguacuguccucugcuaaaguU.....	4	1	c15
.....ugguacuguccucugcuaaag.....	23	0	c15
.....uggAacuguccucugcuaaagu.....	1	1	c15
.....ugguacuguccucugcuaaagu.....	70	0	c15
.....ugguacuguccucugcuaaagua.....	1	0	c15
.....ugguacuguccucugcuaaaguaU.....	1	1	c15
.....uacuguccucugcuaaaguagc.....	2	0	c15
.....Guuaggggucgauaguacaugu.....	1	1	c02
.....uuuaggggucgauaguacaugu.....	5	0	c02
.....cugguacuguccucugcu.....	3	0	c02
.....cugguacuguccucugcuaaa.....	5	0	c02
.....cugguacuguccucugcuaaag.....	6	0	c02
.....cugguacuguccucugcuaaagu.....	7	0	c02
.....cugguacuguccucugcuaaagua.....	1	0	c02
.....ugguacuguccucugcuaa.....	1	0	c02
.....Ggguacuguccucugcuaaa.....	1	1	c02
.....ugguacuguccucugcuaaa.....	1	0	c02
.....ugguacuguccucugcuaaag.....	7	0	c02
.....Ggguacuguccucugcuaaagu.....	1	1	c02
.....ugguacuguccucugcuaaagu.....	14	0	c02

Provisional ID	:	group19_29837
Score total	:	444
Score for star read(s)	:	3.9
Score for read counts	:	434
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	863
Mature read count	:	443
Loop read count	:	0
Star read count	:	420





Star **Mature**

```
5'- uuacaaaaccggucugucgcuuuagggaguuguuaggacauguuacuugcaguacacggccugacuuccucuaaagcagcaguccugguacaauucuucgagagcuucuacaug  -3'   obs
    uuacaaaaccggucugucgcuuuagggaguuguuaggacauguuacuugcaguacacggccugacuuccucuaaagcagcaguccugguacaauucuucgagagcuucuacaug        exp
    .....(((((.((((.((((((((((.(..((((((.(.(((.(((...)))))).).)))))).))))))))))).))))..))).)))..................................  reads   mm   sample
    ...................uuuagggaguuguuagga.....................................................................................  1       0    c15
    ...................uuuagggaguuguuaggacaug..................................................................................  3       0    c15
    ...................uuuagggaguuguuaggacauCu.................................................................................  1       1    c15
    ...................uuuagggaguuguuaggacaugC.................................................................................  1       1    c15
    ...................uuuagggaguuguuaggacGugu.................................................................................  1       1    c15
    ...................uuuagggaguuguuaggacaugu..................................................................................  83      0    c15
    ...................uuuagggaguuguuaggacauguu.................................................................................  2       0    c15
    ..................................................uacacggccugacuuccucuaaa.....................................................  2       0    c15
    ..................................................acggccugacuuccucua..........................................................  2       0    c15
    ..................................................acggccugacuuccucuaa.........................................................  2       0    c15
    ..................................................acggccugacuuccucuaaa........................................................  21      0    c15
    ..................................................acggcUugacuuccucuaaa........................................................  1       1    c15
    ..................................................acggccugacuuccucuaaag.......................................................  48      0    c15
    ..................................................acggccugacuuccucuaaaA......................................................  3       1    c15
    ..................................................acggccugacuuccucuGaagc.....................................................  1       1    c15
    ..................................................acgAccugacuuccucuaaagc.....................................................  1       1    c15
    ..................................................acggccugacuuccAcuaaagc.....................................................  1       1    c15
    ..................................................acggccugacuuccucuaaagc.....................................................  214     0    c15
    ..................................................acggccugacuuccucuaaagU.....................................................  2       1    c15
    ..................................................acggccugacuCccucuaaagc.....................................................  1       1    c15
    ..................................................acggccugacuuccucuaaaAc.....................................................  1       1    c15
    ..................................................acggccugacuuccucuaaagcC....................................................  1       1    c15
    ..................................................acggccugacuuccucuaaagca....................................................  2       0    c15
    ..................................................acggccugacuuccucuaaagcU....................................................  9       1    c15
    ................................................cggccugacuuccucuaaagc.......................................................  1       0    c15
    ................................................cggccugacuuccucuaaagcU......................................................  1       1    c15
    ................................................ccuAacuuccucuaaagc..........................................................  1       1    c15

    ...................uuuagggaguuguuaggacau..................................................................................  4       0    c02
    ...................uuuagggaguuguuaggacaugu.................................................................................  13      0    c02
    ...................uuuagggaguugAuaggacaugu.................................................................................  1       1    c02
    ...................Guuagggaguuguuaggacaugu.................................................................................  3       1    c02
    ...................uuuaCggaguuguuaggacaugu.................................................................................  1       1    c02
```

Star Mature

```
uuacaaaaccggucugucgcuuuagggaguuguuaggacauguuacuugcaguacacggccugacuuccucuaaagcagcaguccugguacauucuucgagagcuucuacaug
.....uuUgggaguuguuaggacau.....  1  1  c02
.....Gacacggccugacuuccucuaa.....  1  1  c02
.....acggccugacuuccucua.....  1  0  c02
.....acggccugacuuccucuaaa.....  6  0  c02
.....Ccggccugacuuccucuaaa.....  3  1  c02
.....acggccugacuuccucuaaag.....  6  0  c02
.....Ccggccugacuuccucuaaag.....  1  1  c02
.....Ccggccugacuuccucuaaagc.....  1  1  c02
.....acggccugacuuccucuaaagc.....  5  0  c02

.....uuuagggaguuguuaggaca.....  1  0  c09
.....uuuagggaguuguuaggacau.....  1  0  c09
.....uuuagggaguuguuaUgacaugu.....  1  1  c09
.....uuuagggaguuguuaggacaugu.....  9  0  c09
.....uacacggccugacuuccucuaa.....  1  0  c09
.....acggccugacuuccucua.....  1  0  c09
.....acggccugacuuccucuaaa.....  4  0  c09
.....acggccugacuuccucuaaag.....  6  0  c09
.....acggccugacuuccucuaaagc.....  11  0  c09
.....Ccggccugacuuccucuaaagc.....  1  1  c09
.....ccugacuuccucuaaagcagc.....  1  0  c09

.....Uuuuagggaguuguuaggacaugu.....  1  1  c16
.....uuuagggaguuguuagga.....  1  0  c16
.....uuuagggaguuguuaggac.....  4  0  c16
.....uuuagggaguuguuaggaca.....  4  0  c16
.....Guuagggaguuguuaggacau.....  1  1  c16
.....uuuagggaguuguuaggacau.....  8  0  c16
.....Guuagggaguuguuaggacaug.....  1  1  c16
.....uuuagggaguuguuaggacaug.....  11  0  c16
.....uuuagggaguuguuaggacaugA.....  1  1  c16
.....Guuagggaguuguuaggacaugu.....  26  1  c16
.....uuuagggaguuguuagUacaugu.....  1  1  c16
.....uuuagggaguuguuaggacaugu.....  180  0  c16
.....uuCagggaguuguuaggacaugu.....  1  1  c16
.....uuuagggaguAguuaggacaugu.....  1  1  c16
.....uuuaggAaguuguuaggacaugu.....  1  1  c16
.....Auuagggaguuguuaggacaugu.....  1  1  c16
.....uuuagggaguuguuaggacauguA.....  9  1  c16
.....uuuagggaguuguuaggacUuguu.....  1  1  c16
.....uuuagggaguuguuaggacauguu.....  4  0  c16
.....uuuagggaguuguuaggacauguua.....  1  0  c16
.....uuuagggaguuguuaggacauguAa.....  7  1  c16
.....uuuagggaguuguuaggacauguuU.....  2  1  c16
.....ggaguuguuaggacaugu.....  1  0  c16
.....Gacacggccugacuuccucuaa.....  1  1  c16
.....acggccugacuuccucua.....  2  0  c16
.....acggccugacuuccucuaa.....  2  0  c16
.....Ccggccugacuuccucuaa.....  2  1  c16
.....Ccggccugacuuccucuaaa.....  3  1  c16
.....acggccugacuuccucuaaa.....  2  0  c16
.....acggccugacuuccucuaaaA.....  1  1  c16
.....acggccugacuuccucuaaag.....  12  0  c16
.....Ccggccugacuuccucuaaag.....  3  1  c16
.....acggccugacuuccucuaaagc.....  34  0  c16
.....Ccggccugacuuccucuaaagc.....  9  1  c16
.....acggccugacuuccucuaaaUc.....  1  1  c16
.....acggccugacuuccucuGaagc.....  1  1  c16
.....Ccggccugacuuccucuaaagca.....  3  1  c16
.....acggccugacuuccucuaaagca.....  3  0  c16
.....uccugguacauucuucgagaUcuucu.....  2  1  c16
.....cauucuucgagagcuucuacaug  1  0  c16

.....uuuagggaguuguuaggaca.....  1  0  c04
.....uuuagggaguuguuaggacaug.....  3  0  c04
.....uuuagggaguuguuaggacaUu.....  1  1  c04
.....Cuuagggaguuguuaggacaugu.....  1  1  c04
.....Auuagggaguuguuaggacaugu.....  1  1  c04
.....Guuagggaguuguuaggacaugu.....  2  1  c04
.....uuuagggaguuguuaggacaugu.....  14  0  c04
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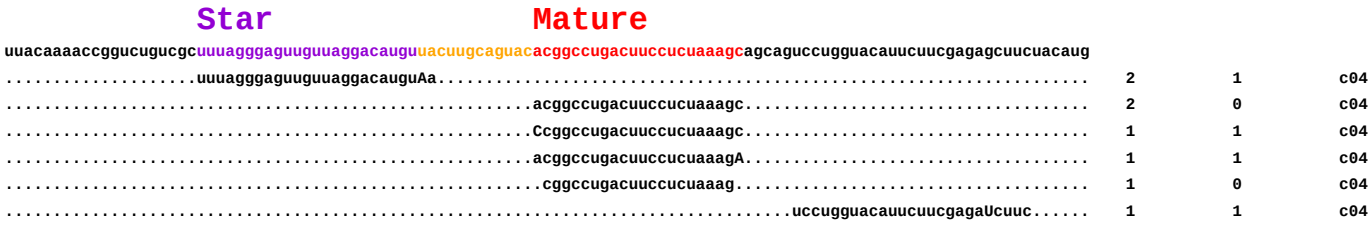
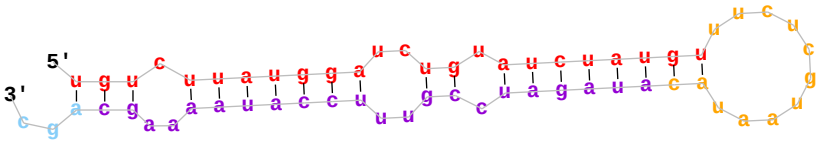
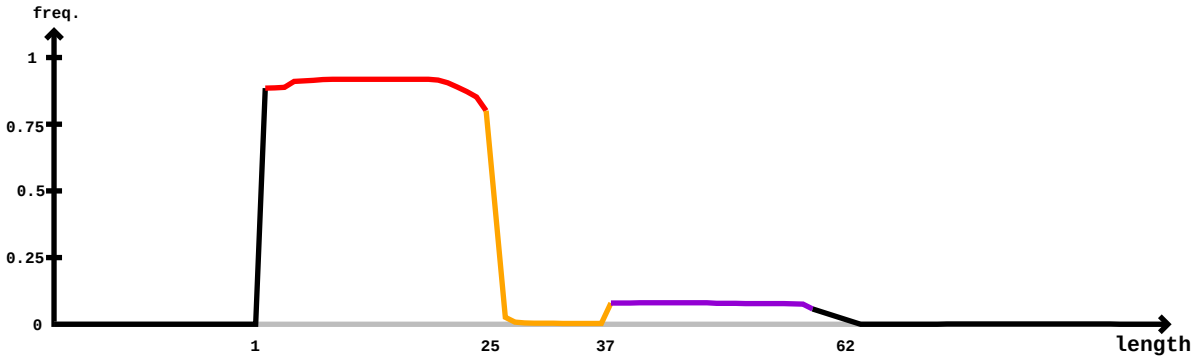


2	1	c04
2	0	c04
1	1	c04
1	1	c04
1	0	c04
1	1	c04

Provisional ID	:	group19_29839
Score total	:	503.6
Score for star read(s)	:	3.9
Score for read counts	:	497.7
Score for mfe	:	1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	988
Mature read count	:	911
Loop read count	:	0
Star read count	:	77





Mature **Star**

```
5'- uguauaaaccagucugucgcugucuuauggaucuguaucuaugguucucguaauacauagauccguuuccauaaaagcagcauucuugguacauucuucgaggguuucuacgcg  -3'   obs
    uguauaaaccagucugucgcugucuuauggaucuguaucuaugguucucguaauacauagauccguuuccauaaaagcagcauucuugguacauucuucgaggguuucuacgcg        exp
    .(((.(((((........(((((.(((((((..((.(((((((((.........)))))))))..))..)))))))..)))))...(((((........)))))))))).)))...  reads  mm  sample
    ....................ugucuuauggaucuguauc.....................................................................  1      0   c15
    ....................ugucuuauggaucuguaucu....................................................................  4      0   c15
    ....................ugucuuauggaucuguaucua...................................................................  6      0   c15
    ....................ugucuuauggaucuguaucuau..................................................................  11     0   c15
    ....................Cgucuuauggaucuguaucuaug.................................................................  2      1   c15
    ....................ugucuuauggaucuguaucuaA..................................................................  2      1   c15
    ....................ugucuuauggaucuguaucuaug.................................................................  28     0   c15
    ....................ugucuuauggaucuguaucuaugG................................................................  1      1   c15
    ....................ugucuuauggaucuguaucuaugu................................................................  522    0   c15
    ....................ugucuuauggaucuguaucuauAu................................................................  1      1   c15
    ....................ugucuuauggaucuguaucuaugC................................................................  3      1   c15
    ....................ugucuuauggaucuAuaucuaugu................................................................  1      1   c15
    ....................ugucuuauggaCcuguaucuaugu................................................................  1      1   c15
    ....................uAucuuauggaucuguaucuaugu................................................................  1      1   c15
    ....................ugucuuGuggaucuguaucuaugu................................................................  1      1   c15
    ....................ugucuuauggaucuguaucuaugA................................................................  3      1   c15
    ....................ugucuuauggaucuguaucuauguA...............................................................  5      1   c15
    ....................ugucuuauggauUuguaucuauguu...............................................................  1      1   c15
    ....................ugucuuauggaucuguaucuauguu...............................................................  31     0   c15
    ....................ugucuuauggaucuguaucuaugCu...............................................................  1      1   c15
    ....................ugucuuauggaucuguaucuauguAu..............................................................  2      1   c15
    ....................ugucuuauggaucuguaucuauguuu..............................................................  15     0   c15
    ....................ugucuuauggaucuguaucuauguuuU.............................................................  1      1   c15
    ....................ugucuuauggaucuguaucuauguuuc.............................................................  1      0   c15
    ....................ugucuuauggaucuguaucuauguuAc.............................................................  1      1   c15
    ....................ugucuuauggaucuguaucuauguuuUu............................................................  1      1   c15
    ......................ucuuauggaucuguaucuaugu.................................................................  1      0   c15
    ......................cuuauggaucuguaucuaugu..................................................................  4      0   c15
    ......................uuauggaucuguaucuaugu...................................................................  1      0   c15
    ..........................................................auagauccguuuccauaaaag.....................................  8      0   c15
    ..........................................................auagauccguuuccauaaaagA....................................  1      1   c15
    ..........................................................auagauccguuuccauaaaagc....................................  40     0   c15
    ..........................................................auagauccguuuccauaaaagca...................................  1      0   c15
```

Mature **Star**

```
uguauaaaccagucugucgcugucuuauggaucuguaucuauguuucucguaauacauagauccguuuccauaaaagcagcauucuugguacauucuucgaggguuucuacgcg
.....................................................auagauccguuuccauaaaagcU.....................................  1  1  c15
.....................................................gauccguuuccauaaaagc.....................................  1  0  c15

...................ugucuuauggaucuguauc.....................................  1  0  c02
...................ugucuuauggaucuguaucu.....................................  2  0  c02
...................ugucuuauggaucuguaucua.....................................  1  0  c02
...................ugucuuauggaucuguaucuaugu.....................................  9  0  c02
...................Ggucuuauggaucuguaucuaugu.....................................  2  1  c02
.....................ucuuauggaucuguaucuaugu.....................................  1  0  c02
.....................cuuauggaucuguaucuaugu.....................................  3  0  c02
.....................cuuauggaucuguaucuauguuu.....................................  1  0  c02
.....................uuauggaucuguaucuaugu.....................................  1  0  c02
.....................uauggaucuguaucuaugu.....................................  1  0  c02
.....................................................auagauccguuuccauaaaa.....................................  1  0  c02
.....................................................auagauccguuuccauaaaag.....................................  1  0  c02
.....................................................auagauccguuuccauaaaagc.....................................  1  0  c02

...................ugucuuauggaucuguau.....................................  1  0  c16
...................ugucuuauggaucuguauc.....................................  3  0  c16
...................ugucuuauggaucuguaucu.....................................  6  0  c16
...................ugucuuauggaucCguaucu.....................................  1  1  c16
...................ugucuuauggaucuguaucua.....................................  2  0  c16
...................ugucuuauggaucuguaucuau.....................................  7  0  c16
...................ugucuuauggaucugCaucuaug.....................................  1  1  c16
...................ugucuuauggaucuguaucuaug.....................................  11  0  c16
...................Ggucuuauggaucuguaucuaugu.....................................  14  1  c16
...................ugucuuauggaucuguaucuaugu.....................................  82  0  c16
...................ugucuuauggaucuguUucuaugu.....................................  1  1  c16
...................ugucuuauggaAcuguaucuaugu.....................................  1  1  c16
...................ugucuuauggaucuguaucuauguA.....................................  12  1  c16
...................ugucuuauggaucuguaucuauguu.....................................  1  0  c16
.....................cuuauggaucuguaucua.....................................  1  0  c16
.....................cuuauggaucuguaucuaug.....................................  1  0  c16
.....................cuuauggaucuguaucuaugu.....................................  3  0  c16
.....................cuuauggaucuguaucuauguA.....................................  1  1  c16
.......................auggaucuguaucuaugu.....................................  2  0  c16
.......................uggaucuguaucuauguuucucgu.....................................  1  0  c16
.....................................guuucucguaauacauagauccguu.....................................  2  0  c16
.....................................guuucucguaauacauagauccguuucA.....................................  1  1  c16
.....................................................auagauccguuuccauaaaag.....................................  7  0  c16
.....................................................Cuagauccguuuccauaaaag.....................................  1  1  c16
.....................................................auagauccguuuccauaaaagc.....................................  8  0  c16
.....................................................auagauccguuuccauaaaagca.....................................  3  0  c16
.....................................................auagauccguuuccauaaaagcaA.....................................  1  1  c16
.....................................................................cauucuucgaggguuucu.....  1  0  c16

...................ugucuuauggaucuguauc.....................................  1  0  c04
...................ugucuuauggaucuguaucu.....................................  1  0  c04
...................ugucuuauggaucuguaucuau.....................................  1  0  c04
...................ugucuuauggaucuguaucuaug.....................................  2  0  c04
...................Ggucuuauggaucuguaucuaugu.....................................  1  1  c04
...................ugucuuauggaucuguaucuaugu.....................................  12  0  c04
...................ugucuuauggaucuguaucuauguA.....................................  2  1  c04
.....................cuuauggaucuguaucua.....................................  1  0  c04
.....................cuuauggaucuguaucuaC.....................................  1  1  c04
.......................auggaucuguaucuaugu.....................................  1  0  c04

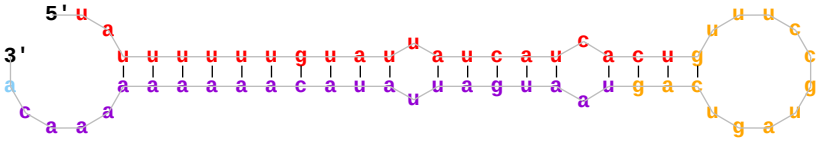
...................ugucuuauggaucuguau.....................................  2  0  c09
...................ugucuuauggaucuguauc.....................................  4  0  c09
...................ugucuuauggaucuguauUu.....................................  2  1  c09
...................Ggucuuauggaucuguaucua.....................................  1  1  c09
...................ugucuuauggaucuguaucua.....................................  5  0  c09
...................ugucuuauggaucuguaucuau.....................................  2  0  c09
...................Ggucuuauggaucuguaucuau.....................................  1  1  c09
...................ugucuuauggaucuguaucuaug.....................................  2  0  c09
...................Ggucuuauggaucuguaucuaug.....................................  1  1  c09
...................Ggucuuauggaucuguaucuaugu.....................................  2  1  c09
...................ugucuuauggaucuguaucuaugu.....................................  29  0  c09
...................ugucuuauggaucuguaucuauguu.....................................  3  0  c09
...................gucuuauggaucuguaucuaugu.....................................  1  0  c09
```

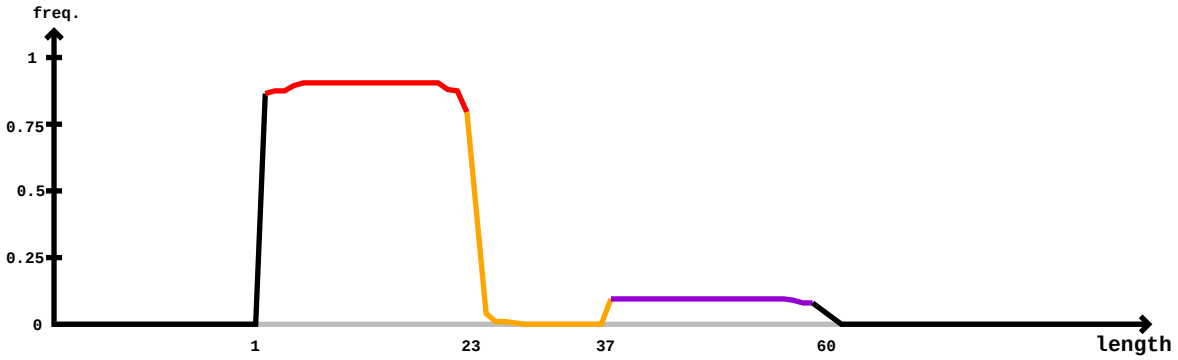
Mature Star

uguauaaaccagucugucgcugucuuauggaucuguaucuauguuucucguaauacauagauccguuuccauaaaagcagcauucuugguacauucuucgaggguuucuacgcg

.....cuuauggaucuguaucuaug.....	1	0	c09
.....cuuauggaucuguaucuaugu.....	5	0	c09
.....uauggaucuguaucuaugu.....	1	0	c09
.....auagauccguuuccauaaa.....	1	0	c09
.....auagauccguuuccauaaaag.....	1	0	c09

Provisional ID	:	group19_29841
Score total	:	101.6
Score for star read(s)	:	3.9
Score for read counts	:	96
Score for mfe	:	0.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	200
Mature read count	:	181
Loop read count	:	0
Star read count	:	19





Mature **Star**

```
5'- aucuuuuaacagguauguuguauuuuuuguauuaucaucacuguuuccguagucaguaaugauuauacaaaaaaaaacaacaaaccugguacagucaacaacuuggaaaaua  -3'    obs
    aucuuuuaacagguauguuguauuuuuuguauuaucaucacuguuuccguagucaguaaugauuauacaaaaaaaaacacaaaccugguacagucaacaacuuggaaaaua        exp
    .........(((((.((((((.((((((((((.(((((.((((..........)))).)))))).)))))))))..)))))).)))))..........................  reads      mm         sample
    ....................uauuuuuuguauuaucauc.....................................................................  1          0          c09
    ....................uauuuuuuguauuaucauca....................................................................  1          0          c09
    ....................uauuuuuugAauuaucaucac...................................................................  1          1          c09
    ....................uauuuuuuguauuaucaucac...................................................................  1          0          c09
    ....................uauuuuuugAauuaucaucacu..................................................................  3          1          c09
    ....................uauuuuuuguauuaucaucacu..................................................................  11         0          c09
    ....................uauuuuuuguauuaucaucacug.................................................................  1          0          c09
    ....................auuuuuugAauuaucauc......................................................................  1          1          c09
    ....................uuuuuguauuaucaucacu.....................................................................  1          0          c09
    ....................uuuuguauuaucaucacuUu....................................................................  1          1          c09

    ....................Gauuuuuguauuaucauc......................................................................  1          1          c16
    ....................uauuuuuugAauuaucauc.....................................................................  1          1          c16
    ....................uauuuuuuguauuaucaucac...................................................................  1          0          c16
    ....................Gauuuuuguauuaucaucacu...................................................................  1          1          c16
    ....................uauuuuuuguauuaucaucacu..................................................................  19         0          c16
    ....................uauuuuuugAauuaucaucacu..................................................................  7          1          c16
    ....................uauuuuuugAauuaucaucacug.................................................................  1          1          c16
    ....................uauuuuuuguauuaucaucacug.................................................................  1          0          c16
    ....................uauuuuuuguauuaucaucacuU.................................................................  2          1          c16
    ....................uauuuuuuguauuaucaucacugA................................................................  1          1          c16
    ....................uauuuuuuguauuaucaucacuguuuA.............................................................  1          1          c16
    ....................uuuuuguauuaucaucacu.....................................................................  1          0          c16
    ....................uuuuugAauuaucaucacugu...................................................................  1          1          c16

    ....................uauuuuuuguauuaucaucac...................................................................  1          0          c04
    ....................uauuuuuuguauuaucaucacu..................................................................  4          0          c04
    ....................uaGuuuuuguauuaucaucacu..................................................................  1          1          c04
    ....................uauuuuuuguauuaucaucacug.................................................................  2          0          c04

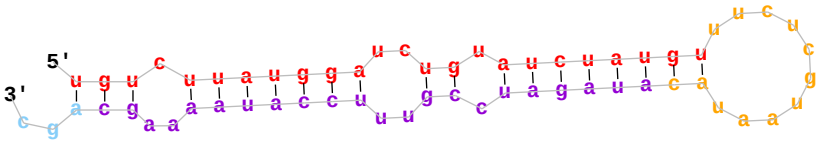
    ....................uauuuuuugAauuaucauc......................................................................  1          1          c15
    ....................uauuuuuugAauuaucaucac...................................................................  2          1          c15
    ....................uauuuuuuguauuaucaucac...................................................................  10         0          c15
```

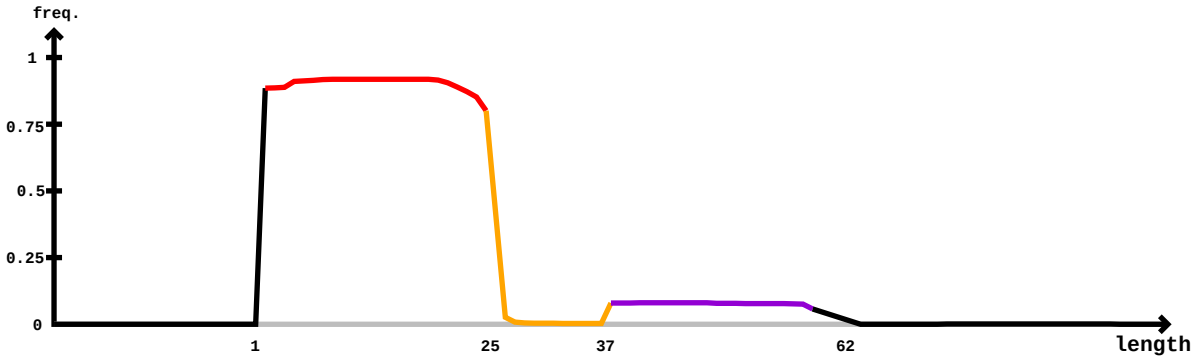
Mature Star

aucuuuuaacagguauguugUAUUUUUUGUAUUAUCAUCACUGUUUCCGUAGUCAGUAAUGAUUAUACAAAAAAAAAACAACAAACCUGGUACAGUCAACAACUUGGAAAAUA

..................uauuuuuugAauuaucaucacu.....	16	1	c15
..................uauuuuuuguauuaucaucacu.....	56	0	c15
..................uauuuuuuguauuaucaucacA.....	1	1	c15
..................uauuuuuuguauuaucaucacuU.....	1	1	c15
..................uauuuuuugAauuaucaucacug.....	7	1	c15
..................uauuuuuuguauuaucaucacug.....	3	0	c15
..................uauuuuuuguauuaucaucacuUu.....	1	1	c15
..................uauuuuuugAauuaucaucacugu.....	1	1	c15
..................uauuuuuuguauuaucaucacuguAu.....	1	1	c15
..................auuuuuugAauuaucaucacug.....	1	1	c15
..........uaaugauuauacaaaaaaaa.....	2	0	c15
..........uaaugauuauacaaaaaaaaac.....	8	0	c15
..........uaaugauuauacaaaaaaaaaca.....	7	0	c15
..................uauuuuuuguauuaucaCcacu.....	1	1	c02
..................uauuuuuuguauuaucaucacu.....	7	0	c02
..................uauuuuuugAauuaucaucacug.....	1	1	c02
..................uauuuuuuguauuaucaucacuUu.....	1	1	c02
....................Guuuuguauuaucaucacu.....	1	1	c02
....................uuuugAauuaucaucacu.....	1	1	c02
..........uaaugauuauacaaaaaaa.....	1	0	c02
..........Caaugauuauacaaaaaaaaac.....	1	1	c02

Provisional ID	:	group19_29843
Score total	:	503.6
Score for star read(s)	:	3.9
Score for read counts	:	497.7
Score for mfe	:	1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	988
Mature read count	:	911
Loop read count	:	0
Star read count	:	77





Mature **Star**

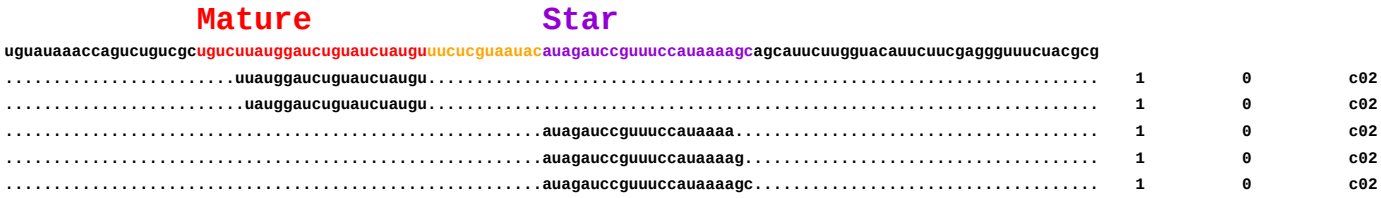
```
5'- uguauaaaccagucugucgcugucuuauggaucuguaucuauguuucucguaauacauagauccguuuccauaaaagcagcauucuugguacauucuucgaggguuucuacgcg  -3'   obs
    uguauaaaccagucugucgcugucuuauggaucuguaucuauguuucucguaauacauagauccguuuccauaaaagcagcauucuugguacauucuucgaggguuucuacgcg        exp
    .(((.(((((........(((((.(((((((..((.(((((((((.........)))))))))..))..)))))))..)))))...(((((........)))))))))).)))...  reads     mm        sample
    ....................ugucuuauggaucuguau.....................................................................................  1         0         c16
    ....................ugucuuauggaucuguauc.....................................................................................  3         0         c16
    ....................ugucuuauggaucCguaucu....................................................................................  1         1         c16
    ....................ugucuuauggaucuguaucu....................................................................................  6         0         c16
    ....................ugucuuauggaucuguaucua...................................................................................  2         0         c16
    ....................ugucuuauggaucuguaucuau..................................................................................  7         0         c16
    ....................ugucuuauggaucugCaucuaug.................................................................................  1         1         c16
    ....................ugucuuauggaucuguaucuaug.................................................................................  11        0         c16
    ....................ugucuuauggaucuguUucuaugu................................................................................  1         1         c16
    ....................ugucuuauggaAcuguaucuaugu................................................................................  1         1         c16
    ....................ugucuuauggaucuguaucuaugu................................................................................  82        0         c16
    ....................Ggucuuauggaucuguaucuaugu................................................................................  14        1         c16
    ....................ugucuuauggaucuguaucuauguu...............................................................................  1         0         c16
    ....................ugucuuauggaucuguaucuauguA...............................................................................  12        1         c16
    ......................cuuauggaucuguaucua.....................................................................................  1         0         c16
    ......................cuuauggaucuguaucuaug....................................................................................  1         0         c16
    ......................cuuauggaucuguaucuaugu...................................................................................  3         0         c16
    ......................cuuauggaucuguaucuauguA..................................................................................  1         1         c16
    ........................auggaucuguaucuaugu....................................................................................  2         0         c16
    ........................uggaucuguaucuauguuucucgu...............................................................................  1         0         c16
    ..........................................guuucucguaauacauagauccguu.....................................................  2         0         c16
    ..........................................guuucucguaauacauagauccguuucA..................................................  1         1         c16
    ..............................................................Cuagauccguuuccauaaaag...................................  1         1         c16
    ..............................................................auagauccguuuccauaaaag...................................  7         0         c16
    ..............................................................auagauccguuuccauaaaagc..................................  8         0         c16
    ..............................................................auagauccguuuccauaaaagca.................................  3         0         c16
    ..............................................................auagauccguuuccauaaaagcaA................................  1         1         c16
    ...................................................................................cauucuucgaggguuucu.....  1         0         c16

    ....................ugucuuauggaucuguauc.....................................................................................  1         0         c04
    ....................ugucuuauggaucuguaucu....................................................................................  1         0         c04
    ....................ugucuuauggaucuguaucuau..................................................................................  1         0         c04
    ....................ugucuuauggaucuguaucuaug.................................................................................  2         0         c04
```

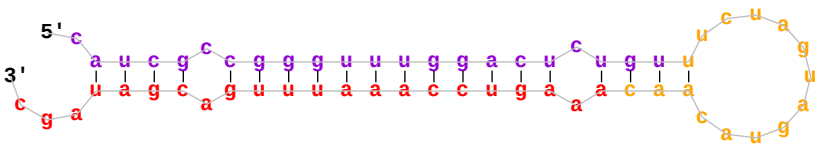
Mature Star

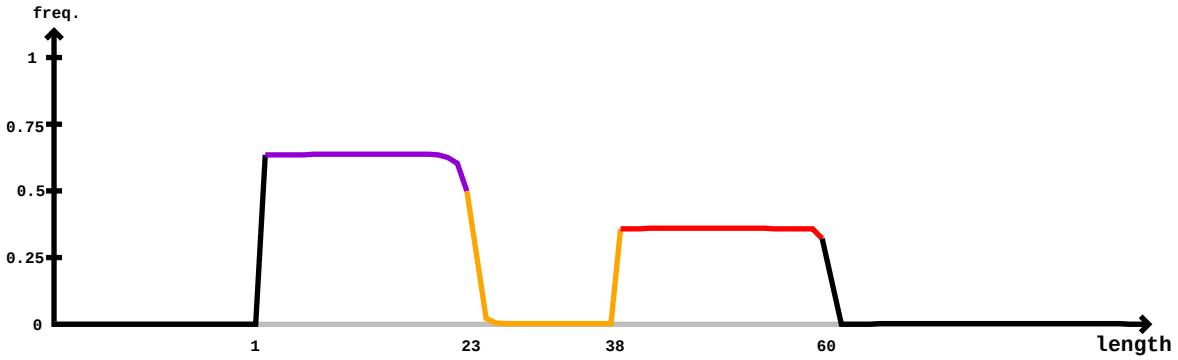
uguauaaaccagucugucgcugucuuauggaucuguaucuauguuucucguaauacauagauccguuuccauaaaagcagcauucuugguacauucuucgaggguuucuacgcg

.....Ggucuuauggaucuguaucuaugu.....	1	1	c04
.....ugucuuauggaucuguaucuaugu.....	12	0	c04
.....ugucuuauggaucuguaucuauguA.....	2	1	c04
.....cuuauggaucuguaucua.....	1	0	c04
.....cuuauggaucuguaucuaC.....	1	1	c04
.....auggaucuguaucuaugu.....	1	0	c04
.....ugucuuauggaucuguau.....	2	0	c09
.....ugucuuauggaucuguauc.....	4	0	c09
.....ugucuuauggaucuguauUu.....	2	1	c09
.....Ggucuuauggaucuguaucua.....	1	1	c09
.....ugucuuauggaucuguaucua.....	5	0	c09
.....Ggucuuauggaucuguaucuau.....	1	1	c09
.....ugucuuauggaucuguaucuau.....	2	0	c09
.....ugucuuauggaucuguaucuaug.....	2	0	c09
.....Ggucuuauggaucuguaucuaug.....	1	1	c09
.....ugucuuauggaucuguaucuaugu.....	29	0	c09
.....Ggucuuauggaucuguaucuaugu.....	2	1	c09
.....ugucuuauggaucuguaucuauguu.....	3	0	c09
.....gucuuauggaucuguaucuaugu.....	1	0	c09
.....cuuauggaucuguaucuaug.....	1	0	c09
.....cuuauggaucuguaucuaugu.....	5	0	c09
.....uauggaucuguaucuaugu.....	1	0	c09
.....auagauccguuuccauaaa.....	1	0	c09
.....auagauccguuuccauaaaag.....	1	0	c09
.....ugucuuauggaucuguauc.....	1	0	c15
.....ugucuuauggaucuguaucu.....	4	0	c15
.....ugucuuauggaucuguaucua.....	6	0	c15
.....ugucuuauggaucuguaucuau.....	11	0	c15
.....ugucuuauggaucuguaucuaug.....	28	0	c15
.....ugucuuauggaucuguaucuauA.....	2	1	c15
.....Cgucuuauggaucuguaucuaug.....	2	1	c15
.....ugucuuGuggaucuguaucuaugu.....	1	1	c15
.....ugucuuauggaucuguaucuaugA.....	3	1	c15
.....ugucuuauggaCcuguaucuaugu.....	1	1	c15
.....ugucuuauggaucuguaucuaugC.....	3	1	c15
.....ugucuuauggaucuguaucuauAu.....	1	1	c15
.....ugucuuauggaucuguaucuaugG.....	1	1	c15
.....ugucuuauggaucuguaucuaugu.....	522	0	c15
.....ugucuuauggaucuAuaucuaugu.....	1	1	c15
.....uAucuuauggaucuguaucuaugu.....	1	1	c15
.....ugucuuauggaucuguaucuaugCu.....	1	1	c15
.....ugucuuauggauUuguaucuauguu.....	1	1	c15
.....ugucuuauggaucuguaucuauguu.....	31	0	c15
.....ugucuuauggaucuguaucuauguA.....	5	1	c15
.....ugucuuauggaucuguaucuauguuu.....	15	0	c15
.....ugucuuauggaucuguaucuauguAu.....	2	1	c15
.....ugucuuauggaucuguaucuauguuuU.....	1	1	c15
.....ugucuuauggaucuguaucuauguuAc.....	1	1	c15
.....ugucuuauggaucuguaucuauguuuc.....	1	0	c15
.....ugucuuauggaucuguaucuauguuuUu.....	1	1	c15
.....ucuuauggaucuguaucuaugu.....	1	0	c15
.....cuuauggaucuguaucuaugu.....	4	0	c15
.....uuauggaucuguaucuaugu.....	1	0	c15
.....auagauccguuuccauaaaag.....	8	0	c15
.....auagauccguuuccauaaaagA.....	1	1	c15
.....auagauccguuuccauaaaagc.....	40	0	c15
.....auagauccguuuccauaaaagca.....	1	0	c15
.....auagauccguuuccauaaaagcU.....	1	1	c15
.....gauccguuuccauaaaagc.....	1	0	c15
.....ugucuuauggaucuguauc.....	1	0	c02
.....ugucuuauggaucuguaucu.....	2	0	c02
.....ugucuuauggaucuguaucua.....	1	0	c02
.....ugucuuauggaucuguaucuaugu.....	9	0	c02
.....Ggucuuauggaucuguaucuaugu.....	2	1	c02
.....ucuuauggaucuguaucuaugu.....	1	0	c02
.....cuuauggaucuguaucuaugu.....	3	0	c02
.....cuuauggaucuguaucuauguuu.....	1	0	c02


Mature
Star
uguauaaaccagucugucgcugucuuauggaucuguaucuaugguucucguaauacauagauccguuuccauaaaagcagcauucuugguacauucuucgaggguuucuacgcg
.....uuauggaucuguaucuaugu.....
.....uauggaucuguaucuaugu.....
.....auagauccguuuccauaaaa.....
.....auagauccguuuccauaaaag.....
.....auagauccguuuccauaaaagc.....
1 0 c02
1 0 c02
1 0 c02
1 0 c02
1 0 c02

Provisional ID	:	group19_29845
Score total	:	208.5
Score for star read(s)	:	3.9
Score for read counts	:	202.5
Score for mfe	:	1.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	409
Mature read count	:	147
Loop read count	:	0
Star read count	:	262





Star **Mature**

```
5'- gguuugaacuggucuauugccaucgccgggguuuggacucuguuucuaguaguacaacaaaguccaaaauuugacgauagcucuagucacgguauacucagcaaggaccuccug -3'   obs
    gguuugaacuggucuauugccaucgccgggguuuggacucuguuucuaguaguacaacaaaguccaaaauuugacgauagcucuagucacgguauacucagcaaggaccuccug       exp
    ((((((((((((.(((..((.((((.((((((((((((((.((((...........)))).)))))))))))))).))))..)))).).))))....)))).....)))).....   reads    mm    sample
    ....................caucgccgggguuuggacucugu.....................................................................   1        0     c02
    ....................caucgccgggguuuggacucuguu....................................................................   1        0     c02
    ........................ccgggguuuggacucuguu......................................................................   1        0     c02

    ....................caucgccgggguuuggacucug.....................................................................   2        0     c15
    ....................caucgccgggguuuggacucuU.....................................................................   1        1     c15
    ....................caucgccgggguuuggacucuUu....................................................................   1        1     c15
    ....................caucgccgggguuuggacucugu....................................................................   70       0     c15
    ....................caucgccgggguuuggacucugA....................................................................   1        1     c15
    ....................caucgccgggAuuggacucugu.....................................................................   1        1     c15
    ....................caucgccgggguuuggacucugG....................................................................   1        1     c15
    ....................caucgccgggguuuggacucuguA...................................................................   1        1     c15
    ....................caucgccgggguuuggacucuguu....................................................................   11       0     c15
    ....................caucgccgggguuuggacucuguC....................................................................   1        1     c15
    ....................caucgccgggguuuggacucuguuu...................................................................   4        0     c15
    ....................caucgccgggguuuggacucuguAu...................................................................   1        1     c15
    ....................caucgccgggguuuggacucuguuA...................................................................   1        1     c15
    ....................caucgccgggguuuggacucuguuuU..................................................................   1        1     c15
    ..........................................................aaaguccaaauuugacgauag.....................................   11       0     c15
    ..........................................................aGaguccaaauuugacgauag.....................................   1        1     c15
    ..........................................................aaaguccaaauuugacgauagc....................................   103      0     c15
    ..........................................................aaaUuccaaauuugacgauagc....................................   1        1     c15
    ..........................................................aaaguccaaauuugacgaAagc....................................   1        1     c15
    ..........................................................Uaaguccaaauuugacgauagc....................................   1        1     c15
    ..........................................................aaaguccaaauuugacgauagcu...................................   2        0     c15

    ....................caucgccgggguuuggacu.....................................................................   1        0     c09
    ....................caucgccgggguuuggacuc....................................................................   2        0     c09
    ....................caucgccgggguuuggacucu...................................................................   1        0     c09
    ....................caucgccgggguuuggacucug..................................................................   4        0     c09
    ....................caucgccgggguuuggacucugu.................................................................   29       0     c09
    ....................caucgccgggguuuggacucuguG................................................................   2        1     c09
    ....................caucgccgggguuuggacucuguu.................................................................   2        0     c09
```

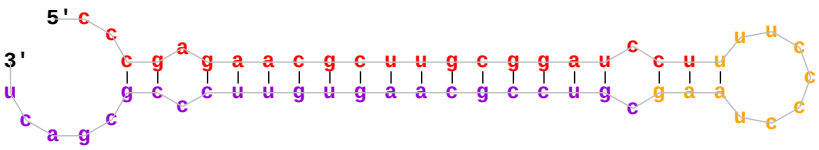
Star Mature

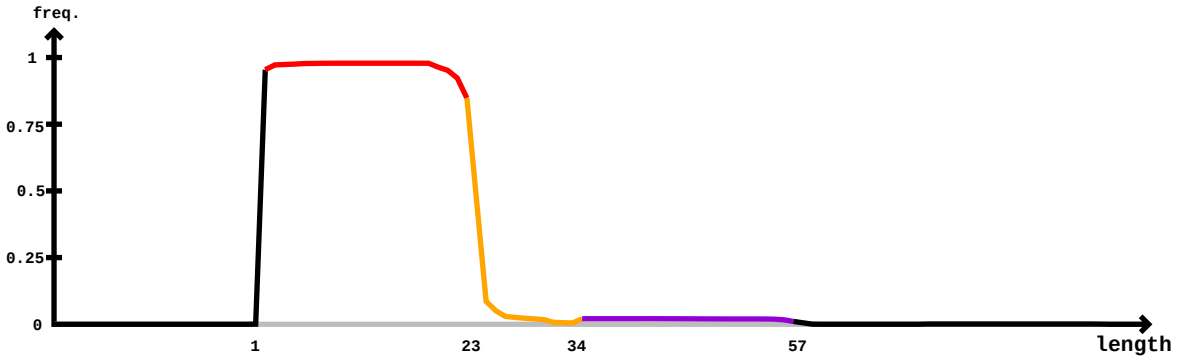
```
gguuugaacuggucuauugccaucgccggguuuggacucuguuucuaguaguacaacaaaguccaaauuugacgauagcucuagucacgguauacucagcaaggaccuccug
...................caucgccggguuuggacucuguA.....................................................................  1  1  c09
...................caucgccggguuuggacucuguuuA....................................................................  1  1  c09
.............................................................aaaguccaaauuugacgauag.....................................  3  0  c09
.............................................................aaaguccaaauuugaAgauagc....................................  1  1  c09
.............................................................aaaguccaaauuugacgauagc....................................  6  0  c09
.............................................................aaaguccaaauuugacgauagcu...................................  1  0  c09
..................................................................guccaaauuugacgauagc....................................  1  0  c09

...................caucgccggguuuggacucug.....................................................................  10  0  c04
...................caucgccggguuuggacucugu....................................................................  13  0  c04
...................caucgccggguuuggacucuguA...................................................................  1  1  c04
...................caucgccggguuuggacucuguu...................................................................  1  0  c04
.............................................................aaaguccaaauuugacgauagc....................................  3  0  c04

...................caucgccggguuuggacuc.......................................................................  2  0  c16
...................caucgccggguuuggacucu......................................................................  8  0  c16
...................caucgccggguuuggacucug.....................................................................  26  0  c16
...................caucgccggguuuggCcucugu....................................................................  1  1  c16
...................caucgccggguuuggacucugu....................................................................  51  0  c16
...................caucgccggguuuggacucuguu...................................................................  4  0  c16
...................caucgccggguuuggacucuguG...................................................................  1  1  c16
...................caucgccggguuuggacucuguuA..................................................................  1  1  c16
.............................................uaguaguacaacaaaguccaaauuugac.....................................  1  0  c16
.............................................................Caaguccaaauuugacgauagc....................................  2  1  c16
.............................................................aaaguccaaauuugacgauagc....................................  10  0  c16
.....................................................................................ucacgguauacucagcaaggaccucc..  1  0  c16
```

Provisional ID	:	group19_29873
Score total	:	5184.6
Score for star read(s)	:	3.9
Score for read counts	:	5177.9
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	10168
Mature read count	:	9968
Loop read count	:	0
Star read count	:	200





Mature **Star**

```
5'- gguacauucuguuccgguuucccgagaacgcuugcggauccuuuuccccuaagcguccgcaaguguucccgcgacucugguacaagaacuaucacagcaauucuucgacaag -3'   obs
    gguacauucuguuccgguuucccgagaacgcuugcggauccuuuuccccuaagcguccgcaaguguucccgcgacucugguacaagaacuaucacagcaauucuucgacaag       exp
    ((((..((((((.((((..((.((.((((((((((((((.(((.......))).)))))))))))))))).)).))..)))).)).)))).))))..................   reads    mm    sample
    ...................cccgagaacgcuugcgga.....................................................................................   8        0     c04
    ...................cccgagCacgcuugcggau.....................................................................................   1        1     c04
    ...................cccgagaacgcuugcggau.....................................................................................   1        0     c04
    ...................cccgagaacgcuugcggauc....................................................................................   5        0     c04
    ...................cccgagaacUcuugcggaucc...................................................................................   1        1     c04
    ...................cccgagaCcgcuugcggaucc...................................................................................   1        1     c04
    ...................cccgagaacgcuugcggaucc...................................................................................   11       0     c04
    ...................cccgagaacgcuugcCgauccu..................................................................................   1        1     c04
    ...................cccgagaacgcAugcggauccu..................................................................................   1        1     c04
    ...................cccgagaacgcuugcggUuccu..................................................................................   1        1     c04
    ...................cccgagaCcgcuugcggauccu..................................................................................   2        1     c04
    ...................cccgagaacgcuugcggauccu...................................................................................   113      0     c04
    ...................cccgagaacgcuuUcggauccu..................................................................................   3        1     c04
    ...................cccgagaacgcuugcggauccuA.................................................................................   1        1     c04
    ...................cccgagaacgcuugcggauccuu..................................................................................   5        0     c04
    ...................cccgagaacgcuugcggauccuuu.................................................................................   6        0     c04
    ...................cccgagaacgcuugcggauccuuuu................................................................................   4        0     c04
    ...................cccgagaacgcuugcggauccuuuuc...............................................................................   1        0     c04
    ...................cccgagaacgcuugcggauccuuuuU...............................................................................   1        1     c04
    ...................cccgagaacgcuugcggauccuuuuccccc...........................................................................   2        0     c04
    ...................cccgagaacgcuugcggauccuuuuccccu..........................................................................   2        0     c04
    ...................cccgagaacgcuugcggauccuuuuccccuaagA......................................................................   1        1     c04
    ....................ccgagaacgcuugcggauccu...................................................................................   1        0     c04
    .....................cgagaacgcuugcggauccu...................................................................................   1        0     c04
    .........................aacgcuugcggauccuuuu.................................................................................   1        0     c04
    ............................................uuccccuaagcguccgcaagu.....................................................   1        0     c04
    ..........................................................cguccgcaaguguucccgcgac.....................................   2        0     c04
    ...........................................................cguccgcaaguguucccgcgacu....................................   1        0     c04
    ..........................................................................................uaucacagcaauucuucg.....   3        0     c04
    ...........................................................................................uaucacagcaauucuucga....   1        0     c04

    ...................Ccccgagaacgcuugcggauccu.................................................................................   1        1     c16
    ...................cccgagaacgcuugcgga.....................................................................................   12       0     c16
```

Mature Star

gguacauucuguuccgguuucccgagaacgcuugcggauccuuuucccccuaagcguccgcaaguguucccgcgacucugguacaagaacuaucacagcaauucuucgacaag

.....cccgCgaacgcuugcgga.....	1	1	c16
.....cccgagaCcgcuugcggau.....	1	1	c16
.....cccgagaacgcuugcggau.....	27	0	c16
.....cccgagaacgcuugcggauc.....	67	0	c16
.....cccgagaaAgcuugcggauc.....	1	1	c16
.....cccgagaCcgcuugcggauc.....	1	1	c16
.....cUcgagaacgcuugcggauc.....	1	1	c16
.....cccgagaacgcuugcggauA.....	1	1	c16
.....cccgagaacgcuugcggauU.....	1	1	c16
.....cccgagaacgcuugcgCauc.....	1	1	c16
.....cccgagaacgcuugcggaucA.....	2	1	c16
.....cccgagaacgcuugcggaucU.....	1	1	c16
.....cccgGgaacgcuugcggaucc.....	1	1	c16
.....cccgagaacgGuugcggaucc.....	1	1	c16
.....cccgagaacgcuugcggaucc.....	156	0	c16
.....cccgagaacgcuugUggaucc.....	1	1	c16
.....cccgagaCcgcuugcggaucc.....	3	1	c16
.....cccgaCaacgcuugcggauccu.....	1	1	c16
.....cccgagaaUgcuugcggauccu.....	1	1	c16
.....cccgagaacgUuugcggauccu.....	1	1	c16
.....cccgagaacgcuugcggaucAu.....	4	1	c16
.....cAcgagaacgcuugcggauccu.....	1	1	c16
.....cccgagaacgcuGgcggauccu.....	2	1	c16
.....cccgagaacgcuugcgCauccu.....	2	1	c16
.....cccgagCacgcuugcggauccu.....	13	1	c16
.....cccCagaacgcuugcggauccu.....	1	1	c16
.....cccgagaacgcuugcUgauccu.....	2	1	c16
.....cccgagaacgcuugcgUauccu.....	1	1	c16
.....cccgagaacgcuugcggaucUu.....	1	1	c16
.....cccgagaacgcuugcggauccC.....	1	1	c16
.....cccgagaaGgcuugcggauccu.....	1	1	c16
.....ccUgagaacgcuugcggauccu.....	1	1	c16
.....cccgagaacgcuugcggauUcu.....	1	1	c16
.....cccgagaacgAuugcggauccu.....	1	1	c16
.....cccgagaacgcuAgcggauccu.....	4	1	c16
.....cccgagaCcgcuugcggauccu.....	40	1	c16
.....cccgagaGcgcuugcggauccu.....	1	1	c16
.....cccgagaacgcGugcggauccu.....	2	1	c16
.....cccgagaacgcuugcCgauccu.....	2	1	c16
.....ccAgagaacgcuugcggauccu.....	4	1	c16
.....cccgagaacgcuugcggauAcu.....	1	1	c16
.....cccgagaacCcuugcggauccu.....	2	1	c16
.....cccgaUaacgcuugcggauccu.....	1	1	c16
.....cccgagaacgcuugcggauccu.....	1521	0	c16
.....Uccgagaacgcuugcggauccu.....	2	1	c16
.....cccgagaacgcuugAggauccu.....	3	1	c16
.....cccgagaacgcuugGggauccu.....	1	1	c16
.....cccgagaacgcuugcggauccA.....	2	1	c16
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.....cccgagaacgcuugcAgauccu.....	1	1	c16
.....cccgCgaacgcuugcggauccu.....	6	1	c16
.....cccgagaacgcuugcggauccG.....	1	1	c16
.....cccgagaacgcuugcggauccuu.....	54	0	c16
.....cccCagaacgcuugcggauccuu.....	1	1	c16
.....cccgagaacgcuugcggauccuG.....	2	1	c16
.....cccgagaCcgcuugcggauccuu.....	3	1	c16
.....cccAagaacgcuugcggauccuu.....	1	1	c16
.....cccgagaacgcuugcggauAcuu.....	1	1	c16
.....cccgagaacgcuugcggauccuA.....	4	1	c16
.....cccgagaacgcuugcggauccuCu.....	1	1	c16
.....cccgagaacgcuugcggauccuuu.....	42	0	c16
.....cccgagaaAgcuugcggauccuuu.....	1	1	c16
.....cccgagaacgcuugcggauccuuC.....	1	1	c16
.....cccgagaacgcuugcggauccuAu.....	1	1	c16
.....cccgagaacgcuugcCgauccuuu.....	2	1	c16
.....cccgagCacgcuugcggauccuuu.....	1	1	c16

Mature Star

```
gguacauucuguuccgguuucccgagaacgcuugcggauccuuuccccuaagcguccgcaaguguucccgcgacucugguacaagaacuaucacagcaauucuucgacaag
.....cccgagaacgcuugcggaucAuuuu.....  1   1   c16
.....cccgagaacgcuugcggauccuuuu.....  36  0   c16
.....cccgagaCcgcuugcggauccuuuu.....  1   1   c16
.....cccgagaacgcuugcggauccCuuu.....  1   1   c16
.....cccgagaacgcuugcggauAcuuuu.....  1   1   c16
.....cccgCgaacgcuugcggauccuuuu.....  1   1   c16
.....cccgagaacCcuugcggauccuuuu.....  1   1   c16
.....cccgagaacgcGugcggauccuuuuc.....  1   1   c16
.....cccgagaacgcuugcggauccuuuuc.....  2   0   c16
.....cccgagaacgcuugcggauccuuuuU.....  4   1   c16
.....cccgagaacgcuugcggauccuuuucU.....  1   1   c16
.....cccgagaacgcuugcggauccuuuucc.....  3   0   c16
.....cccgagaacgcuugcggauccuuuuccc.....  1   0   c16
.....cccgagaacgcuugcggauccuuuucccc.....  3   0   c16
.....cccgagaacgcuugcggauccuuuucAccu.....  1   1   c16
.....cccgagaacgcuugcggauccuuuucGccu.....  1   1   c16
.....cccgagaacgcuugcggauccuuuuccccu.....  14  0   c16
.....cccgagaacgcuugcggauccuuuuccccua.....  1   0   c16
.....cccgagaacgcuugcggauccuuuuccccuU.....  2   1   c16
.....cccgagaacgcuugcggauccuuuuccccuaU.....  1   1   c16
.....cccgagaacgcuugcggauccuuuuccccuaag.....  5   0   c16
.....cccgagaacgcuugcggauccuuuuccccuaaU.....  1   1   c16
.....cccgagaacgcuugcggauccuuuuccccuaagcguccgcaC.....  1   1   c16
.....cccgagaacgcuugcggauccuuuuccccuaagcguccgcaag.....  1   0   c16
.....ccgagaacgcuugcggau.....  1   0   c16
.....ccgagaacgcuugcggauc.....  2   0   c16
.....ccgagaacgcuugcggaucc.....  1   0   c16
.....ccgagaacgcuugcggauccu.....  22  0   c16
.....ccgagaacgcuugcggauccuu.....  6   0   c16
.....ccgagaacgcuugcggauccuuu.....  3   0   c16
.....ccgagaacgcuugcggauccuuuu.....  3   0   c16
.....ccgagaacgcuugcggauccuuuuccccu.....  1   0   c16
.....cgagaacgcuugcggauccu.....  5   0   c16
.....agaacgcuugcggauccu.....  3   0   c16
.....gaacgcuugcggauccuuu.....  1   0   c16
.....gaacgcuugcggauccuuuu.....  1   0   c16
.....aacgcuugcggauccuuu.....  1   0   c16
.....uuccccuaagcgucAgcaagu.....  1   1   c16
.....uuccccuaagcguccgcaagugu.....  2   0   c16
.....uuccccuaagcguccgcaaguguucccgcg.....  3   0   c16
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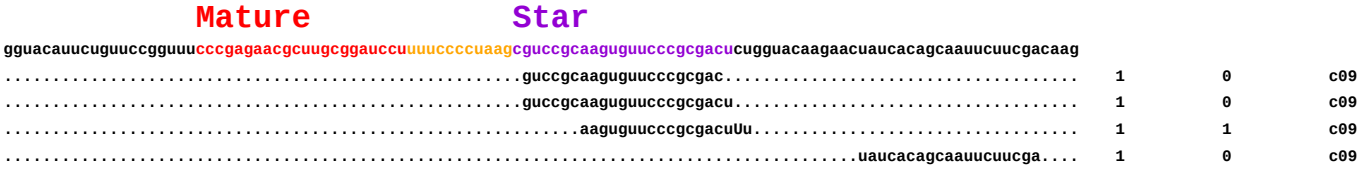

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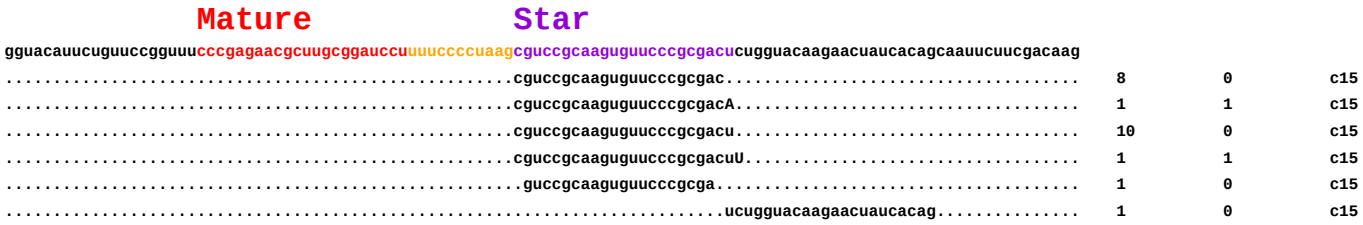
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Star
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1 1 c15
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1 1 c15
1 0 c15
1 0 c15

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Score for star read(s)	:	3.9
Score for read counts	:	631.8
Score for mfe	:	-0.8
Score for randfold	:	-2.2
Score for cons. seed	:	3
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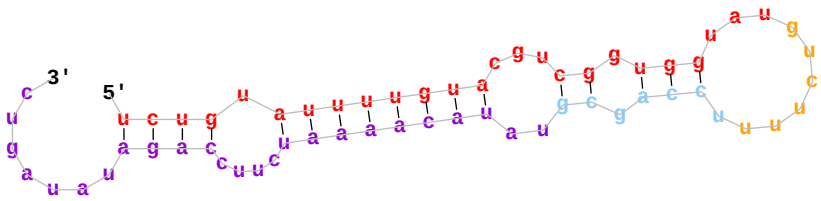
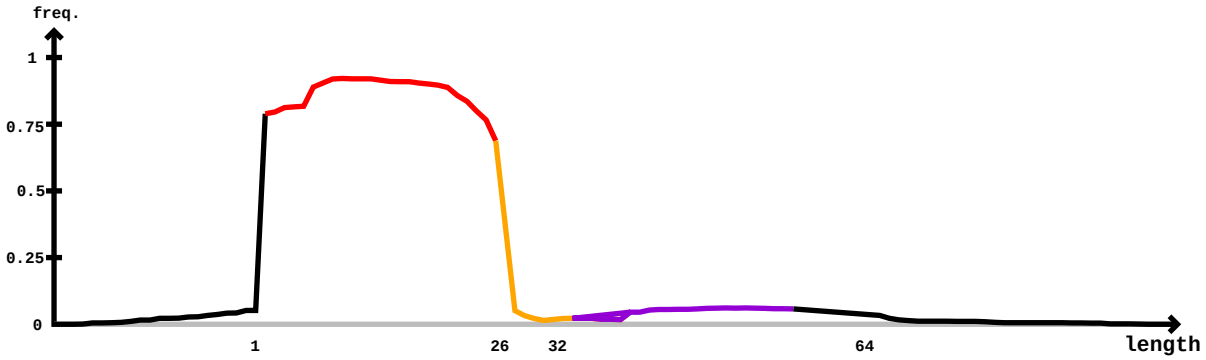
Star read count	:	27





Mature **Star**

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    acuggucugucauauuugugucuguauuuuguacgucggugguaugucuuuuccagcguauacaaaaucuuccagauauagucaguaguugacuugcaaaguucguagguuuuca        exp
    (((((.........(((((((((.(((((((((...((.(((..........))).))..)))))))))....))))))))))))))).(..(((((((.......)))))))..).  reads      mm        sample
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Mature Star

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.....ucugucauauuuugugucuguauuuug	1	0	c16
.....Gcugucauauuuugugucuguauuuugu	1	1	c16
......cugucauauuuugugucuguauuuugu	4	0	c16
.......ugucauauuuugugucuguauuuugua	2	0	c16
.......Ggucauauuuugugucuguauuuugua	2	1	c16
.........ucauauuuugugucuguauuu	2	0	c16
.........ucauauuuugugucuguauuuugua	1	0	c16
.........ucauauuuugugucuguauuuuguacgu	3	0	c16
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...........uauuuugugucuguauuuuguacguc	1	0	c16
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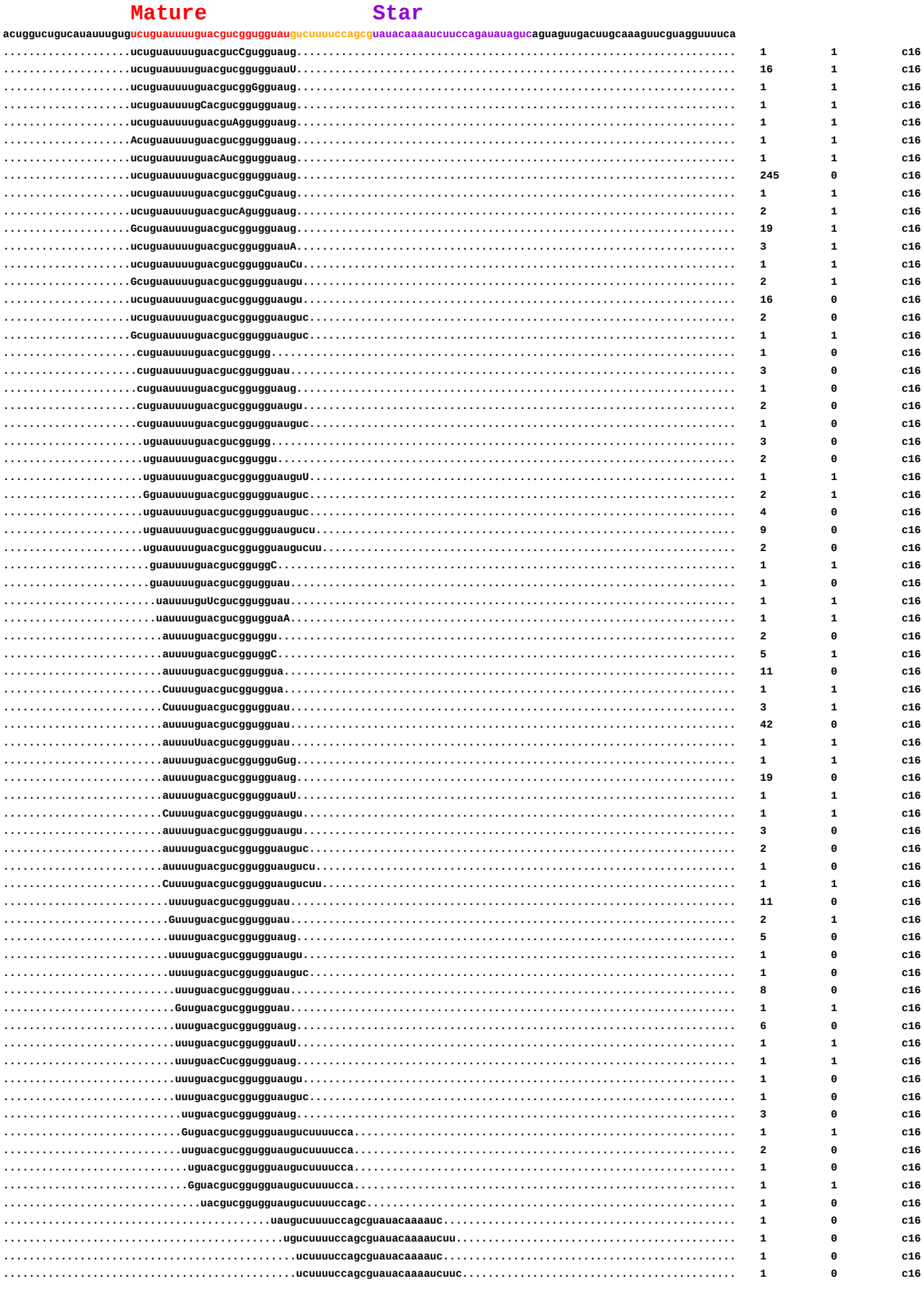
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Mature Star

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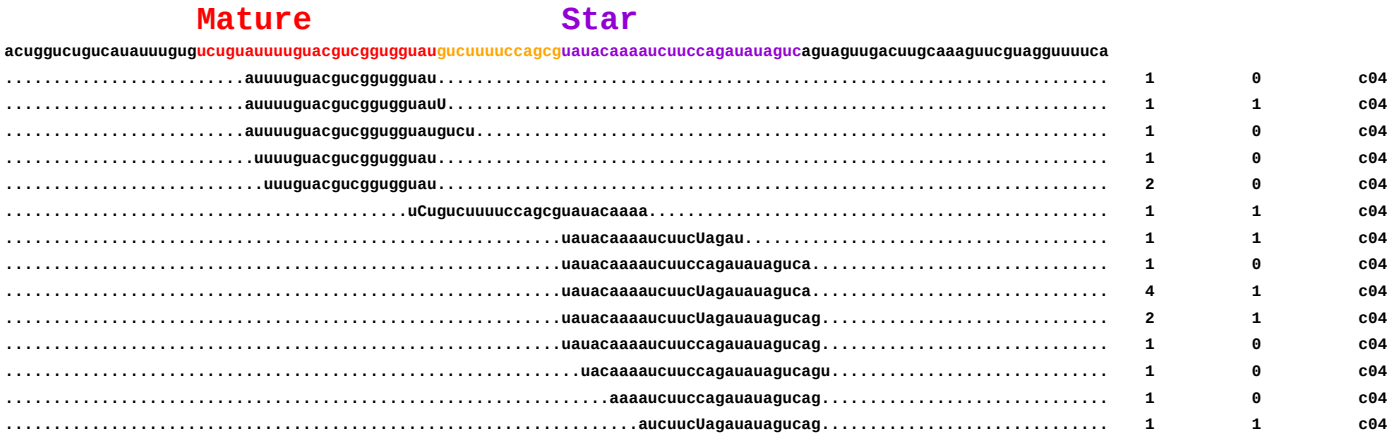
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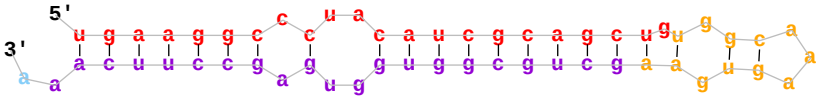
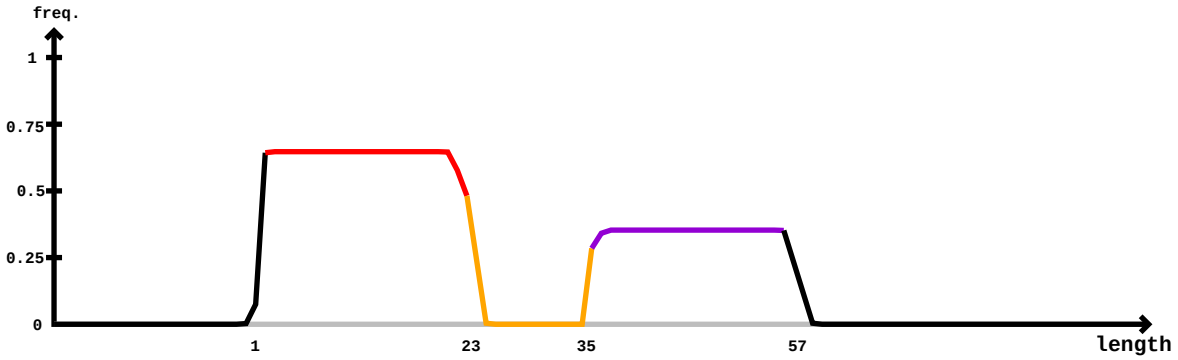
Provisional ID	:	group19_30183
Score total	:	393.2
Score for star read(s)	:	3.9
Score for read counts	:	382.5
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	762
Mature read count	:	493
Loop read count	:	0
Star read count	:	269





Mature **Star**

```
5'- uagcugaagagcugaugguuugaaggcccuacaucgcagcuguggcaaagugaagcugcgguggugagccuucaaacuaucugccaguccucgcagcgcuggagucgucacc  -3'   obs
    uagcugaagagcugaugguuugaaggcccuacaucgcagcuguggcaaagugaagcugcgguggugagccuucaaacuaucugccaguccucgcagcgcuggagucgucacc        exp
    .((((....))))((((((((((((((.(..((((((((((.(.((...)).)))))))))))..).)))))))))))))..(((((.((...)).)))))..........  reads      mm        sample
    ..................uugaaggcccuacaucgcagcu.....................................................................  3          0         c09
    ..................ugaaggcccuacaucgcagcu.....................................................................  1          0         c09
    ..................ugaaggcccuacaucgcagcug....................................................................  6          0         c09
    ..................ugaaggcccuacaucgcagcugu...................................................................  1          0         c09
    ..........................................................cugcgguggugagccuucaaac..............................  1          0         c09

    ..................uugaaggcccuacaucgcagcu.....................................................................  3          0         c04
    ..................ugaaggcccuacaucgcagcug....................................................................  14         0         c04

    ..................uugaaggcccuacaucgcagc......................................................................  1          0         c16
    ..................uugaaggcccuacaucgcagcu.....................................................................  8          0         c16
    ..................Gugaaggcccuacaucgcagcu.....................................................................  1          1         c16
    ..................ugaaggcccuacaucgcagc.......................................................................  2          0         c16
    ..................ugaaggcccuacaucgcagcu.....................................................................  3          0         c16
    ..................ugaaggcccuacaucgcagcug....................................................................  45         0         c16
    ..................ugaaggcccuacaucgcaUcug....................................................................  1          1         c16
    ..................Ggaaggcccuacaucgcagcug....................................................................  4          1         c16
    ..................ugaaggcccuacaucgcagcugu...................................................................  2          0         c16
    ..................ugaaggcccuacaucgcagcuguU..................................................................  1          1         c16
    ..........................................................gcugcgguggugagAcuucaa..............................  1          1         c16
    ..........................................................gcugcgguggugagccuucaa..............................  5          0         c16
    ..........................................................gcugcgguggugagccuucaaa.............................  3          0         c16
    ..........................................................cugcgguggugagccuucaaac.............................  2          0         c16
    ..........................................................Ggcgguggugagccuuca..................................  1          1         c16

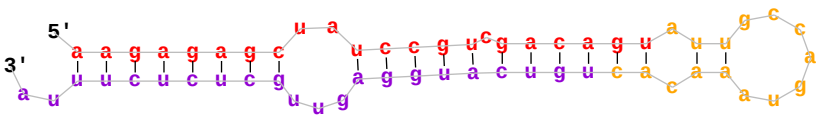
    ................uuugaaggcccuacaucgcagc.....................................................................  2          0         c15
    ..................uugaaggcccuacaucgcag......................................................................  1          0         c15
    ..................uugaaggcccuacaucgcagc.....................................................................  3          0         c15
    ..................uugaaggcccuacaucgcagcu....................................................................  30         0         c15
    ..................uugaaggcccuacaucgcagcuU...................................................................  4          1         c15
    ..................ugaaggcccuacaucgcagc......................................................................  44         0         c15
    ..................ugaaggcccuacaucgcagcC.....................................................................  1          1         c15
    ..................ugaaggcccuacaucgcagcu.....................................................................  20         0         c15
```

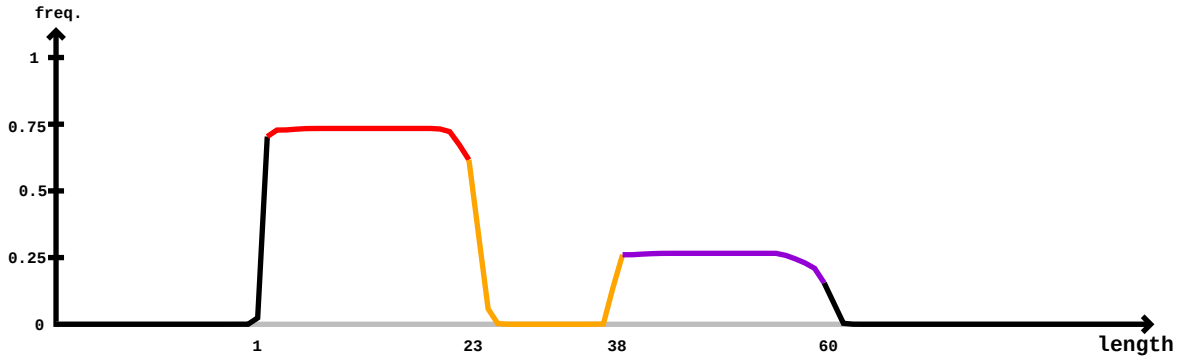
Mature Star

uagcugaagagcugaugguuugaaggcccuacaucgcagcuguggcaaagugaagcugcgguggugagccuucaaacuaucugccaguccucgcagcgcuggagucgucacc

.....ugaaggcccuacaucUcagcu.....	1	1	c15
.....ugaaggcccuacaucgcaAcug.....	1	1	c15
.....ugaaggcccuacaAcgcagcug.....	1	1	c15
.....ugaaggcccuacaucgcagcuA.....	17	1	c15
.....ugaaggcccuacaucgcagcug.....	220	0	c15
.....ugaaggcccuaAaucgcagcug.....	1	1	c15
.....ugaaggcccuacaucgcagcuU.....	1	1	c15
.....ugaagAcccuacaucgcagcug.....	1	1	c15
.....ugaaggcccuacaucgcagcugA.....	3	1	c15
.....ugaaggcccuacaucgcagcugu.....	22	0	c15
.....ugaaggcccuacaucgcagcuguU.....	2	1	c15
.....gaaggcccuacaucgcagcug.....	2	0	c15
.....gaaggcccuacaucgcagcuA.....	1	1	c15
.....gcugcgguggugagccuucaa.....	155	0	c15
.....gcugcgguggugagcUuucaa.....	1	1	c15
.....gcugcgguggugagccuucaC.....	1	1	c15
.....gcugcgguAgugagccuucaa.....	1	1	c15
.....gcugcggugAugagccuucaa.....	1	1	c15
.....Ucugcgguggugagccuucaa.....	1	1	c15
.....gcugcgguggCgagccuucaaa.....	1	1	c15
.....gcugcgguggugagccuucaaa.....	45	0	c15
.....gcugcgguggugagccuucUaa.....	1	1	c15
.....gcugcgguggugagccuucaaC.....	1	1	c15
.....cugcgguggugagccuucaa.....	6	0	c15
.....cugcgguggugagccuucaaa.....	19	0	c15
.....cugcgguggugagccuucaaaA.....	1	1	c15
.....cugcgguggugagccuucaaac.....	13	0	c15
.....cugcgguggugagccuucaaaUu.....	1	1	c15
.....ugcgguggugagccuucaaa.....	4	0	c15
.....ugcgguggugagccuucaaU.....	1	1	c15
.....ugcgguggugagccuucaaac.....	1	0	c15
.....ugcgguggugagccuucaaacu.....	2	0	c15
.....uugaaggcccuacaucgcagcu.....	1	0	c02
.....ugaaggcccuacaucgcagcu.....	1	0	c02
.....Ggaaggcccuacaucgcagcug.....	2	1	c02
.....ugaaggcccuacaucgcagcug.....	15	0	c02

Provisional ID	:	group20_30352
Score total	:	50648.8
Score for star read(s)	:	3.9
Score for read counts	:	50638.5
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	99337
Mature read count	:	72938
Loop read count	:	0
Star read count	:	26399





Mature **Star**

```
5'- aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag -3'    obs
    aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag     exp
    .(((((.....(((((.((((((((((..(((((.(((((((.((.......)).)))))))))))...)))))))))).)))))....)))))..................  reads      mm         sample
    ...................gaagagagcuauccgucgacaguU.....................................................................  1          1          c15
    ...................aagagagcuauccgucgaca.........................................................................  6          0          c15
    ...................aagagagcuauccgucgacag........................................................................  2          0          c15
    ...................aagagagcuauccgucgacagu.......................................................................  33         0          c15
    ...................aagagagcuauccgucgacaguU......................................................................  5          1          c15
    ...................aagagagcuauccgucgacagua......................................................................  62         0          c15
    ...................aagagagcuauccgucgacaguau.....................................................................  11         0          c15
    ...................aagagagcuauccgCcgacaguau.....................................................................  1          1          c15
    ...................aagagagcuauccgucgacaguUu.....................................................................  2          1          c15
    ...................aagagagcuauccgucgacaguaA.....................................................................  4          1          c15
    ...................aagagagcuauccgucgacaguaAu....................................................................  1          1          c15
    ...................aagagagcuauccgucgacaguauu....................................................................  1          0          c15
    ....................agagagcuauccgucgacag.........................................................................  1          0          c15
    ....................agagagcuauccgucgacaguU.......................................................................  2          1          c15
    ....................agagagcuauccgucgacagua.......................................................................  7          0          c15
    ....................agagagcuauccgucgacaguau......................................................................  2          0          c15
    ....................agagagcuauccgucgacaguauu.....................................................................  1          0          c15
    ..........................................................cugucauggaguugcucucA.....................................  1          1          c15
    ..........................................................cugucauggaguugcucucuuu...................................  1          0          c15
    ..........................................................cugucauggaAuugcucucuuu...................................  1          1          c15
    ..........................................................cugucauggaguugcucucuuua..................................  14         0          c15
    ..........................................................cugucauggaguugcucucuuCa..................................  1          1          c15
    ..........................................................cugucauggaguugcucucuuuau.................................  4          0          c15
    ..........................................................cugucauggaguugcucucuuuaA.................................  1          1          c15
    ...........................................................ugucauggaAuugcucucuuu...................................  1          1          c15
    ...........................................................ugucauggaguugcucucuuu...................................  1          0          c15
    ...........................................................ugucauggaguugUucucuuu...................................  1          1          c15
    ...........................................................ugucauggaguugcucucuuua..................................  29         0          c15
    ...........................................................ugucauggaguugcucucuuuU..................................  2          1          c15
    ...........................................................ugucauggaguugcucucuuuau.................................  22         0          c15
    ...........................................................ugucauggaguugcucucuuuaC.................................  1          1          c15
    ...........................................................ugucauggaguugcucucuuuauC................................  1          1          c15
    ...........................................................ugucauggaguugcucucuuuauU................................  6          1          c15
```

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aaGgaagagagcuauccgucgacagu.....	1	1	c02
.....ugaagagagcuauccgucgaca.....	1	0	c02
.....gaagagagcuauccgucga.....	4	0	c02
.....gaagagagcuauccgucgac.....	8	0	c02
.....gaagagagcuauAcgucgaca.....	1	1	c02
.....gaagagagcuauccgucgaGa.....	1	1	c02
.....gaagagagcuauccgucgaca.....	36	0	c02
.....Caagagagcuauccgucgaca.....	1	1	c02
.....Uaagagagcuauccgucgacag.....	1	1	c02
.....gaagagagcuauccgucgacaC.....	1	1	c02
.....gaagagagcuauccgucgacag.....	55	0	c02
.....gaagaCagcuauccgucgacag.....	1	1	c02
.....gaaCagagcuauccgucgacag.....	1	1	c02
.....Caagagagcuauccgucgacagu.....	4	1	c02
.....gaagagagcuauccguUgacagu.....	1	1	c02
.....gaagagagcuUuccgucgacagu.....	1	1	c02
.....gaagaUagcuauccgucgacagu.....	1	1	c02
.....gaagagagcuauccgucgacagG.....	1	1	c02
.....gaagagagcuaucAgucgacagu.....	3	1	c02
.....Uaagagagcuauccgucgacagu.....	2	1	c02
.....gUagagagcuauccgucgacagu.....	1	1	c02
.....gaagagagcuauccgucgacagC.....	1	1	c02
.....gaagagagAuauccgucgacagu.....	1	1	c02
.....gaagagagcuauccgucgacagu.....	297	0	c02
.....gaagagagcuauccgucgaUagu.....	1	1	c02
.....gaagCgagcuauccgucgacagu.....	2	1	c02
.....gaagagagcuauAcgucgacagu.....	1	1	c02
.....gaagagagcuauccgGcgacagu.....	1	1	c02
.....gaaCagagcuauccgucgacagu.....	1	1	c02
.....gCagagagcuauccgucgacagua.....	1	1	c02
.....gaagagagcuauccgucgacagua.....	29	0	c02
.....gaagagagcuauccgucgacaguU.....	20	1	c02
.....gaagagagcuauccgucgacaguC.....	1	1	c02
.....Aaagagagcuauccgucgacagua.....	1	1	c02
.....gaagagagcuauccgucgacaguaA.....	5	1	c02
.....gaaAagagcuauccgucgacaguau.....	2	1	c02
.....gaagagagcuauccgucgacaguau.....	15	0	c02
.....gaagagagcuauccgucgacaguUu.....	1	1	c02
.....Caagagagcuauccgucgacaguau.....	1	1	c02
.....gaagagagcuauccgucgacaguUuu.....	1	1	c02
.....Cagagagcuauccgucga.....	3	1	c02
.....aagagagcuauccgucga.....	19	0	c02
.....aagagagcuauccgucgac.....	83	0	c02
.....Cagagagcuauccgucgac.....	8	1	c02
.....aagagagcuauccguAgac.....	1	1	c02
.....aagagagAuauccgucgaca.....	3	1	c02
.....aagagagcuauccgucgacG.....	1	1	c02
.....aagaCagcuauccgucgaca.....	1	1	c02
.....aaUagagcuauccgucgaca.....	2	1	c02
.....aagagagcuCuccgucgaca.....	1	1	c02
.....aagagCgcuauccgucgaca.....	4	1	c02
.....aagagagcuaucAgucgaca.....	4	1	c02
.....aagagagcuauUcgucgaca.....	1	1	c02
.....aagagaUcuauccgucgaca.....	1	1	c02
.....aagagagcuaucUgucgaca.....	2	1	c02
.....aagagagcuauccCucgaca.....	1	1	c02
.....aagagagcuauccgucgacC.....	2	1	c02
.....aagagagcuauccgucgaAa.....	1	1	c02
.....aagagagcuaAccgucgaca.....	1	1	c02
.....aagagagcuauccgucgaca.....	851	0	c02
.....aagagagcuauAcgucgaca.....	2	1	c02
.....aagagaCcuauccgucgaca.....	2	1	c02
.....aagagagcuauccgucgCca.....	2	1	c02
.....aagagagcuauccgucgaUa.....	1	1	c02
.....Cagagagcuauccgucgaca.....	41	1	c02
.....aagagagcuauccguAgaca.....	1	1	c02
.....aGgagagcuauccgucgaca.....	1	1	c02
.....aagagaAcuauccgucgaca.....	1	1	c02
.....Gagagagcuauccgucgaca.....	1	1	c02

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aagagGgcuauccgucgaca.....	1	1	c02
.....aaCagagcuauccgucgaca.....	1	1	c02
.....aagagagcuauccgucgacaA.....	2	1	c02
.....aagagagUuauccgucgacag.....	2	1	c02
.....aagagagcuauccCucgacag.....	3	1	c02
.....aagagaUcuauccgucgacag.....	1	1	c02
.....aagagagcuauccguAgacag.....	3	1	c02
.....aagaUagcuauccgucgacag.....	1	1	c02
.....aagagCgcuauccgucgacag.....	1	1	c02
.....aagagagcuauccgucgCcag.....	5	1	c02
.....aagagagcuauccgAcgacag.....	1	1	c02
.....aagCgagcuauccgucgacag.....	1	1	c02
.....aagagaCcuauccgucgacag.....	1	1	c02
.....aagagagcuauccgucgacaU.....	1	1	c02
.....aagagagcuCuccgucgacag.....	1	1	c02
.....aagagagcuaGccgucgacag.....	1	1	c02
.....aagagagcuauccgGcgacag.....	1	1	c02
.....aagagagcuauccgucgGcag.....	1	1	c02
.....aagagagcuaucAgucgacag.....	3	1	c02
.....aagagagcuauccgucgacag.....	827	0	c02
.....aagagagcuauccgucgacaC.....	3	1	c02
.....aagagagcuaucUgucgacag.....	1	1	c02
.....aagagagcuauAcgucgacag.....	1	1	c02
.....aagagagcuauccgucgaAag.....	2	1	c02
.....Cagagagcuauccgucgacag.....	42	1	c02
.....aagagagAuauccgucgacag.....	3	1	c02
.....aagagagcuauccgucgaUag.....	1	1	c02
.....aagagagcuauccgucgacUgu.....	1	1	c02
.....aagagaAcuauccgucgacagu.....	2	1	c02
.....aagagagcuauccUucgacagu.....	5	1	c02
.....aagaUagcuauccgucgacagu.....	7	1	c02
.....aagagagcuauccgucgacagA.....	8	1	c02
.....aagCgagcuauccgucgacagu.....	4	1	c02
.....aagagagcuaucAgucgacagu.....	20	1	c02
.....aagagaUcuauccgucgacagu.....	14	1	c02
.....aagagagcuauccgucgUcagu.....	7	1	c02
.....Uagagagcuauccgucgacagu.....	1	1	c02
.....aagagagcuauccgucgacCgu.....	1	1	c02
.....aagagagcuauccCucgacagu.....	8	1	c02
.....aagagagcuauccguUgacagu.....	3	1	c02
.....aagagagcuaAccgucgacagu.....	3	1	c02
.....aagagagcuauAcgucgacagu.....	12	1	c02
.....aagagagcGauccgucgacagu.....	1	1	c02
.....aagagagcuauUcgucgacagu.....	1	1	c02
.....aagagagcuauccgucgCcagu.....	14	1	c02
.....aagagagcuauccguGgacagu.....	1	1	c02
.....aagagagAuauccgucgacagu.....	7	1	c02
.....aCgagagcuauccgucgacagu.....	1	1	c02
.....aagagCgcuauccgucgacagu.....	14	1	c02
.....aagagagcuauccguAgacagu.....	6	1	c02
.....aagagagcuaGccgucgacagu.....	2	1	c02
.....aagagagcuauccgucgacaCu.....	6	1	c02
.....aagagagcuauccgucgacagu.....	5577	0	c02
.....aagagUgcuauccgucgacagu.....	1	1	c02
.....aaCagagcuauccgucgacagu.....	2	1	c02
.....aagagagcuauccgucUacagu.....	5	1	c02
.....aagagagcAauccgucgacagu.....	2	1	c02
.....aagagGgcuauccgucgacagu.....	4	1	c02
.....aagagagcuGuccgucgacagu.....	1	1	c02
.....aagagagcuauccgucgGcagu.....	1	1	c02
.....Cagagagcuauccgucgacagu.....	257	1	c02
.....aagagagcuauccgucgacGgu.....	3	1	c02
.....aagagagcuauccgCcgacagu.....	3	1	c02
.....aagGgagcuauccgucgacagu.....	1	1	c02
.....aagagaCcuauccgucgacagu.....	6	1	c02
.....aagagagcuaCccgucgacagu.....	1	1	c02
.....aagaCagcuauccgucgacagu.....	6	1	c02
.....aagagagcuauccgucgacagG.....	3	1	c02
.....aagagagGuauccgucgacagu.....	1	1	c02
.....aagagagcuauccgucgaUagu.....	2	1	c02

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aaUagagcuauccgucgacagu.....	6	1	c02
.....aagagagcuauccgucAacagu.....	3	1	c02
.....aagagagcuaucUgucgacagu.....	5	1	c02
.....aagagagcCauccgucgacagu.....	3	1	c02
.....aagagagcuauccAucgacagu.....	4	1	c02
.....aagagagcuauccgGcgacagu.....	1	1	c02
.....aaAagagcuauccgucgacagu.....	1	1	c02
.....aagagagUuauccgucgacagu.....	10	1	c02
.....aagagagcuCuccgucgacagu.....	3	1	c02
.....aagagagcuauccgucgaAagu.....	7	1	c02
.....aagagagcuaucGgucgacagu.....	2	1	c02
.....aagagagcuauccgucCacagu.....	2	1	c02
.....aagagagcuauccgAcgacagu.....	4	1	c02
.....aagagagcuauccgucgacaUu.....	3	1	c02
.....Gagagagcuauccgucgacagu.....	3	1	c02
.....Uagagagcuauccgucgacagua.....	1	1	c02
.....aagagagcuauccgucgacaguU.....	124	1	c02
.....aUgagagcuauccgucgacagua.....	3	1	c02
.....aagagagcuauccgucgacGgua.....	3	1	c02
.....aagaCagcuauccgucgacagua.....	3	1	c02
.....aagagagcuauAcgucgacagua.....	10	1	c02
.....aagagagcuauccgucCacagua.....	4	1	c02
.....aagagagcuauccgucgacaguG.....	4	1	c02
.....aagagagcuauccgucgacagAa.....	4	1	c02
.....aagagagcuauccgucgacaguC.....	6	1	c02
.....aagagagcuauccUucgacagua.....	1	1	c02
.....aagagagcuauGcgucgacagua.....	1	1	c02
.....aagagaCcuauccgucgacagua.....	9	1	c02
.....aagagagcuaucUgucgacagua.....	4	1	c02
.....aagagagAuauccgucgacagua.....	4	1	c02
.....aagagagcuauccCucgacagua.....	5	1	c02
.....aagagCgcuauccgucgacagua.....	17	1	c02
.....aagUgagcuauccgucgacagua.....	3	1	c02
.....aagagagcuauccguGgacagua.....	1	1	c02
.....aaAagagcuauccgucgacagua.....	3	1	c02
.....aagagagcuauccgucgaAagua.....	3	1	c02
.....aagagagcuaucAgucgacagua.....	24	1	c02
.....aagagagcuaCccgucgacagua.....	3	1	c02
.....aagagagcuauccgucgaUagua.....	1	1	c02
.....aagagagcuaucGgucgacagua.....	4	1	c02
.....aagagUgcuauccgucgacagua.....	1	1	c02
.....aagagagcuauccgCcgacagua.....	1	1	c02
.....aagagagcCauccgucgacagua.....	1	1	c02
.....aagagagcuauccgucgCcagua.....	10	1	c02
.....aagCgagcuauccgucgacagua.....	6	1	c02
.....aagagagcuauccgGcgacagua.....	1	1	c02
.....aagagagcuauccguAgacagua.....	5	1	c02
.....aagaUagcuauccgucgacagua.....	5	1	c02
.....aagagagcuauccgucgacUgua.....	1	1	c02
.....aagagaUcuauccgucgacagua.....	5	1	c02
.....aagagagcuCuccgucgacagua.....	1	1	c02
.....aagagagcuauccgucgacaUua.....	1	1	c02
.....aagagagcuauccgucUacagua.....	2	1	c02
.....aagagagcuGuccgucgacagua.....	5	1	c02
.....aagagagcuauccguUgacagua.....	2	1	c02
.....aagGgagcuauccgucgacagua.....	1	1	c02
.....aagagaAcuauccgucgacagua.....	1	1	c02
.....aaCagagcuauccgucgacagua.....	6	1	c02
.....aagagagcuauccgucgacaCua.....	8	1	c02
.....Gagagagcuauccgucgacagua.....	4	1	c02
.....aagagagcAauccgucgacagua.....	2	1	c02
.....aagagagcuauccgucgacagua.....	4264	0	c02
.....aagagagcuauccgAcgacagua.....	1	1	c02
.....aagagagcuauccgucgacCgua.....	3	1	c02
.....aagagagcuauccgucgacaAua.....	1	1	c02
.....aagagagcuauUcgucgacagua.....	1	1	c02
.....aaUagagcuauccgucgacagua.....	4	1	c02
.....aagagagcuauccgucgGcagua.....	1	1	c02
.....aagagagcuaAccgucgacagua.....	2	1	c02
.....Cagagagcuauccgucgacagua.....	194	1	c02

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aagagagcuauccgucAacagua.....	2	1	c02
.....aagagagUuauccgucgacagua.....	9	1	c02
.....aagagaCcuauccgucgacaguau.....	1	1	c02
.....aagagagcuauAcgucgacaguau.....	1	1	c02
.....aagagagcuauccUucgacaguau.....	1	1	c02
.....Cagagagcuauccgucgacaguau.....	21	1	c02
.....aagagagcuauccgucgacaguaG.....	7	1	c02
.....aagagagcuauccgucgacaCuau.....	1	1	c02
.....aagagagcuauccgucUacaguau.....	1	1	c02
.....aagagagcuauccCucgacaguau.....	1	1	c02
.....aagagagcuauccgucgacaguUu.....	11	1	c02
.....aagagagcuauccgucgacaguaC.....	6	1	c02
.....aagagagcuauccgucgacagGau.....	1	1	c02
.....aagagagcuaAccgucgacaguau.....	1	1	c02
.....aaCagagcuauccgucgacaguau.....	1	1	c02
.....aagagagcuauccgucgacaguGu.....	1	1	c02
.....aagaCagcuauccgucgacaguau.....	1	1	c02
.....aagagagAuauccgucgacaguau.....	1	1	c02
.....aagagagcuauccgucgacCguau.....	1	1	c02
.....aagaUagcuauccgucgacaguau.....	2	1	c02
.....aagagagcuauccguUgacaguau.....	1	1	c02
.....aagagagcuauccgucgacaguau.....	511	0	c02
.....aagagagcuauccgucgacaguaA.....	482	1	c02
.....aagagagcuaucAgucgacaguau.....	1	1	c02
.....aagagagcuauccguAgacaguau.....	3	1	c02
.....Cagagagcuauccgucgacaguauu.....	1	1	c02
.....aagagagcuauccgucgacaguauu.....	14	0	c02
.....aagagagcuauccgucgacaguaAu.....	3	1	c02
.....aagagagcuauccgucgacaguauG.....	1	1	c02
.....aagagagcuauccgucgacaguauA.....	10	1	c02
.....aagagagcuauccgucgacaguauC.....	2	1	c02
.....aagagagcuauccgucgacaguaCu.....	4	1	c02
.....agagagcuauccgucgac.....	2	0	c02
.....agagagcuauccgucgaca.....	6	0	c02
.....agagagcuauccgucgacaA.....	1	1	c02
.....agagagcuauccgucgacag.....	5	0	c02
.....agagagcuauccgucgaUagu.....	1	1	c02
.....agagagcuauccgucgacagu.....	74	0	c02
.....Cgagagcuauccgucgacagu.....	4	1	c02
.....agagagcuauccgucgacaCua.....	1	1	c02
.....Cgagagcuauccgucgacagua.....	9	1	c02
.....agagagcuaucUgucgacagua.....	1	1	c02
.....agagaUcuauccgucgacagua.....	1	1	c02
.....agagUgcuauccgucgacagua.....	1	1	c02
.....Ggagagcuauccgucgacagua.....	1	1	c02
.....agagagcuauccgucgacagua.....	207	0	c02
.....agagagcAauccgucgacagua.....	1	1	c02
.....agagCgcuauccgucgacagua.....	3	1	c02
.....agagagcuauccgucgacaguU.....	2	1	c02
.....agagCgcuauccgucgacaguau.....	2	1	c02
.....agagagcuauccgucgacaguaA.....	12	1	c02
.....agagagcuauccgucgacaguau.....	16	0	c02
.....agagagcuauccgucgacaguauA.....	1	1	c02
.....Aagagcuauccgucgaca.....	1	1	c02
.....Aagagcuauccgucgacagu.....	2	1	c02
.....gagagcuauccgucgacagA.....	1	1	c02
.....gagagcuauccgucgacagu.....	1	0	c02
.....gagagcuauccgucgacaguU.....	1	1	c02
.....Cagagcuauccgucgacagua.....	1	1	c02
.....gagagcuauccgCcgacagua.....	1	1	c02
.....gagagcuauccgucgacagua.....	3	0	c02
.....gaAagcuauccgucgacagua.....	2	1	c02
.....agUgcuauccgucgacag.....	1	1	c02
.....agagcuauccgucgacag.....	3	0	c02
.....Cgagcuauccgucgacagu.....	2	1	c02
.....agagcuauccgucgacagu.....	32	0	c02
.....agagcuauccgucgacaguG.....	1	1	c02
.....agagcuauccgucgacagAa.....	1	1	c02
.....agagcuauccgucgacaguU.....	1	1	c02
.....agCgcuauccgucgacagua.....	1	1	c02

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....Cgagcuauccgucgacagua.....	4	1	c02
.....agagcuauccgucgacagua.....	31	0	c02
.....agagcuauAcgucgacagua.....	1	1	c02
.....agagcuauccgucgacaguau.....	4	0	c02
.....agagcuauccgucgacaguaA.....	3	1	c02
.....gagcuauccgucgacagu.....	22	0	c02
.....gCgcuauccgucgacagu.....	1	1	c02
.....gagcuauccgucgacagua.....	15	0	c02
.....gagcuauccgucgacaguaA.....	1	1	c02
.....gagcuauccgucgacaguaC.....	1	1	c02
.....gagcuauccgucgacaguau.....	1	0	c02
.....agcuauccgucgacagua.....	11	0	c02
.....Cgcuauccgucgacagua.....	3	1	c02
.....agcuauccgucgacaguaA.....	1	1	c02
.....agcuauccgucgacaguau.....	1	0	c02
.....Cgcuauccgucgacaguau.....	1	1	c02
.....agcuauccgucgacaguauu.....	1	0	c02
.....gcuauccgucgacaguaA.....	2	1	c02
.....gcuauccgucgacaguau.....	1	0	c02
.....aaAacugucauggaguugcucucuuua.....	2	1	c02
.....cacugucauggaguugcucucu.....	3	0	c02
.....cCcugucauggaguugcucucuuu.....	1	1	c02
.....Ccugucauggaguugcuc.....	1	1	c02
.....acugucauggaguugcucucuu.....	3	0	c02
.....acugucauggaguugcucucuuu.....	3	0	c02
.....Gcugucauggaguugcucucuuu.....	1	1	c02
.....acugucauggaguugcucucuuua.....	3	0	c02
.....aGugucauggaguugcucucuuua.....	1	1	c02
.....acugucauggaguugcucucuuuau.....	3	0	c02
.....cugucaAggaguugcucu.....	1	1	c02
.....cugucaCggaguugcucu.....	1	1	c02
.....cugucauggaguugcCcu.....	1	1	c02
.....cugucauggaCuugcucu.....	1	1	c02
.....cugucauggaguugcucu.....	238	0	c02
.....cugucaugCaguugcucu.....	1	1	c02
.....cuguUauggaguugcucu.....	1	1	c02
.....cugucauggaguugcuAu.....	1	1	c02
.....cuAucauggaguugcucu.....	1	1	c02
.....cugucCuggaguugcucuc.....	1	1	c02
.....cugucauggaguugcucuc.....	192	0	c02
.....cugucauggaguugAucuc.....	1	1	c02
.....cugucaugCaguugcucuc.....	1	1	c02
.....cugucauggaguugcucGcu.....	1	1	c02
.....cugucauggaguugcucuAu.....	1	1	c02
.....cugucauggaguugcucuUu.....	1	1	c02
.....cugucauggaguugcucucC.....	1	1	c02
.....cugucauggaguugcucucA.....	1	1	c02
.....cugucauggaguugcucucu.....	196	0	c02
.....cugucauggaguAgcucucu.....	2	1	c02
.....cugucaAggaguugcucucuu.....	1	1	c02
.....cugucaugUaguugcucucuu.....	2	1	c02
.....cugucauCgaguugcucucuu.....	1	1	c02
.....cuguUauggaguugcucucuu.....	1	1	c02
.....cugucauggaguugcucucuG.....	1	1	c02
.....Uugucauggaguugcucucuu.....	1	1	c02
.....cugucauggaguugcucucuu.....	233	0	c02
.....cugucauggaCuugcucucuu.....	1	1	c02
.....cugucauggaguugcuUucuuu.....	1	1	c02
.....cugucauggaguugcucucuuA.....	2	1	c02
.....cugucGuggaguugcucucuuu.....	1	1	c02
.....cugucauggaguugcucuAuuu.....	3	1	c02
.....cuguUauggaguugcucucuuu.....	1	1	c02
.....cugucauggaguAgcucucuuu.....	1	1	c02
.....Uugucauggaguugcucucuuu.....	1	1	c02
.....cuCucauggaguugcucucuuu.....	1	1	c02
.....cugucauggaguugcucucAuu.....	1	1	c02
.....cugucaAggaguugcucucuuu.....	1	1	c02
.....cugucauggaguugcucCcuuu.....	1	1	c02
.....cugucauggaUuugcucucuuu.....	1	1	c02
.....cugucauggaguugcucucCuu.....	1	1	c02

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....cugucaCggaguugcucucuuu.....	1	1	c02
.....cugucaugCaguugcucucuuu.....	1	1	c02
.....cugucauggaguugcucucuuu.....	838	0	c02
.....cugucauggUguugcucucuuu.....	2	1	c02
.....cugucauggaguugAucucuuu.....	2	1	c02
.....cugucauggaguugcucucuuC.....	3	1	c02
.....cugucauggaguugcuGucuuu.....	1	1	c02
.....cugAcauggaguugcucucuuu.....	2	1	c02
.....cugucauggaCuugcucucuuu.....	1	1	c02
.....cugucauggaguugcucucuCu.....	1	1	c02
.....Uugucauggaguugcucucuuua.....	2	1	c02
.....cugucGuggaguugcucucuuua.....	1	1	c02
.....cCgucauggaguugcucucuuua.....	3	1	c02
.....cugucauggaguugcucucuuuU.....	66	1	c02
.....cugucaugAaguugcucucuuua.....	2	1	c02
.....cAgucauggaguugcucucuuua.....	3	1	c02
.....cugucaCggaguugcucucuuua.....	2	1	c02
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.....cugucauggaguugcucucuuuC.....	2	1	c02
.....cugucauggaUuugcucucuuua.....	1	1	c02
.....cuCucauggaguugcucucuuua.....	1	1	c02
.....cuguAauggaguugcucucuuua.....	2	1	c02
.....cugucaugCaguugcucucuuua.....	2	1	c02
.....cugucauggaguugcucucuuuG.....	1	1	c02
.....cugAcauggaguugcucucuuua.....	1	1	c02
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.....cugucauggaguugcucuUuuua.....	1	1	c02
.....cugucauggaCuugcucucuuua.....	2	1	c02
.....cugucauggaguugcucCcuuua.....	1	1	c02
.....cugucauggaguugcucuAuuua.....	2	1	c02
.....cugucauUgaguugcucucuuua.....	2	1	c02
.....cugucauggaguugcucucuuuaA.....	140	1	c02
.....cugucauggaguugcucAcuuuau.....	1	1	c02
.....cugucauggaguugcucucuuuau.....	72	0	c02
.....cuguAauggaguugcucucuuuau.....	1	1	c02
.....cugucauggaguugcucucuuuaC.....	2	1	c02
.....cugucauggaguugcucucuuuaG.....	3	1	c02
.....cugucauggaguugcucucuuuaAg.....	1	1	c02
.....cugucauggaguugcucucuuuCug.....	1	1	c02
.....cugucauggaguugcucucuuuauU.....	3	1	c02
.....cugucauggaguugcucucuuuauAa.....	1	1	c02
.....ugucauggaguugcucuc.....	24	0	c02
.....Ggucauggaguugcucuc.....	3	1	c02
.....ugucauggaguugcucucu.....	9	0	c02
.....ugucauggaguugcucuAu.....	1	1	c02
.....Ggucauggaguugcucucu.....	4	1	c02
.....ugucauggaguugcucucuu.....	10	0	c02
.....Ggucauggaguugcucucuu.....	1	1	c02
.....ugucauggaguugcucucuuA.....	1	1	c02
.....Ggucauggaguugcucucuuu.....	6	1	c02
.....ugucauggaguugcucucuuu.....	52	0	c02
.....ugucauggaguugcucAcuuu.....	1	1	c02
.....ugucauggaguugcucucuuuU.....	4	1	c02
.....Cgucauggaguugcucucuuua.....	1	1	c02
.....ugucGuggaguugcucucuuua.....	1	1	c02
.....Agucauggaguugcucucuuua.....	1	1	c02
.....ugucauggaguugAucucuuua.....	1	1	c02
.....ugCcauggaguugcucucuuua.....	1	1	c02
.....ugucauggaguuCcucucuuua.....	1	1	c02
.....ugucauggaguugcucucuuuC.....	1	1	c02
.....ugucauggaguuUcucucuuua.....	1	1	c02
.....ugucaugCaguugcucucuuua.....	1	1	c02
.....ugucauggaCuugcucucuuua.....	1	1	c02
.....ugucauggaguAgcucucuuua.....	1	1	c02
.....ugucauggagGugcucucuuua.....	1	1	c02
.....ugucauggaguugcucucuuua.....	304	0	c02

Mature Star

```
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.....................................................uCucauggaguugcucucuuua.....................................  2   1   c02
.....................................................Ggucauggaguugcucucuuua.....................................  38  1   c02
.....................................................ugucauCgaguugcucucuuua.....................................  1   1   c02
.....................................................ugucauggaguugcucucuuuau....................................  60  0   c02
.....................................................ugucauggaguugcucucuuuUu....................................  1   1   c02
.....................................................ugucauggaguugcucucuuuaG....................................  1   1   c02
.....................................................ugucauggagGugcucucuuuau....................................  1   1   c02
.....................................................ugucauggaguugcucucuuuaC....................................  3   1   c02
.....................................................ugucauggaguugcucucuuuaA....................................  16  1   c02
.....................................................Ggucauggaguugcucucuuuau....................................  5   1   c02
.....................................................ugucauggaguugcucucuuuauU...................................  25  1   c02
.....................................................ugucauggaguugcucucuuuaAg...................................  1   1   c02
.....................................................ugucauggaguugcucucuuuauA...................................  4   1   c02
.....................................................ugucauggaguugcucucuuuauAa..................................  1   1   c02
.....................................................ucauggaguugcucucuuu........................................  5   0   c02
.....................................................Gcauggaguugcucucuuua.......................................  2   1   c02
.....................................................ucauggaguugcucucuuua.......................................  10  0   c02
.....................................................ucauggaguugcucucuuuauU.....................................  8   1   c02
.....................................................ucauggaguugcucucuuuauC.....................................  1   1   c02
.....................................................ucauggaguugcucucuuuauA.....................................  2   1   c02
.....................................................cauggaguugcucucuuu........................................  9   0   c02
.....................................................cauggaguugcucucuuua.......................................  7   0   c02
.....................................................cauggaguugcucucuuuU.......................................  1   1   c02
.....................................................cauggaguugcucucuuuau......................................  3   0   c02
.....................................................cauggaguugcucucuuuauU.....................................  1   1   c02
.....................................................auggaguugcucucGuua........................................  1   1   c02
.....................................................auggaguugcucucuuua........................................  9   0   c02
.....................................................auggaguugcucucuuuau.......................................  6   0   c02
.....................................................uggaguugcucucuuuaA........................................  2   1   c02
.....................................................uggaguugcucucuuuau........................................  5   0   c02

.................auUaagagagcuauccgucgacagu.....................................................................  1   1   c04
.................uAaagagagcuauccgucgaca........................................................................  1   1   c04
.................gaagagagcuauccgucgac..........................................................................  2   0   c04
.................gaagagagcuauccgucgaca.........................................................................  3   0   c04
.................gaagagagcuauccgucgacag........................................................................  20  0   c04
.................gaagagagcuauccgucgacaA........................................................................  1   1   c04
.................gaagagagcuauAcgucgacagu.......................................................................  1   1   c04
.................gaagagagcuauccgucgacagu.......................................................................  63  0   c04
.................gaagCgagcuauccgucgacagu.......................................................................  1   1   c04
.................gaagagagcuaucAgucgacagu.......................................................................  1   1   c04
.................gaagagagcuauccCucgacagu.......................................................................  1   1   c04
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.................gaagagagcuauccgucgacaguau.....................................................................  2   0   c04
.................gaagagagcuauccguUgacaguau.....................................................................  1   1   c04
.................gaagagagcuauccgucgacaguaA.....................................................................  1   1   c04
.................gaagagagcuauccgucgacaguUu.....................................................................  4   1   c04
.................aagagagcuauccgucga............................................................................  8   0   c04
.................aagagagcuauccgucgac...........................................................................  55  0   c04
.................aagagagAuauccgucgac...........................................................................  1   1   c04
.................aagagagcuauccAucgac...........................................................................  1   1   c04
.................aagagagcuauccCucgac...........................................................................  1   1   c04
.................aagagagcuauccgucgacG..........................................................................  1   1   c04
.................aagagagcuauccUucgaca..........................................................................  1   1   c04
.................aagagagcuauAcgucgaca..........................................................................  1   1   c04
.................aagagagUuauccgucgaca..........................................................................  1   1   c04
.................aagagagcuauccgucgacC..........................................................................  1   1   c04
.................aagaCagcuauccgucgaca..........................................................................  1   1   c04
.................aagagagcuaucAgucgaca..........................................................................  1   1   c04
.................Cagagagcuauccgucgaca..........................................................................  3   1   c04
.................aagagagcuauccgucgaca..........................................................................  161 0   c04
.................aagagagcuauccgucgCca..........................................................................  1   1   c04
.................aagagagcuauccgAcgaca..........................................................................  1   1   c04
.................aagagagcuauccgucgacU..........................................................................  1   1   c04
.................aagagagcuaucAgucgacag.........................................................................  1   1   c04
.................aagagagcuauccgucgacaU.........................................................................  4   1   c04
.................aagagagcuauccgucgacag.........................................................................  207 0   c04
.................aagaUagcuauccgucgacag.........................................................................  1   1   c04
```

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aagCgagcuauccgucgacag.....	1	1	c04
.....aagagagcuauccgucgacaC.....	1	1	c04
.....aagagagcuauccgucgacaA.....	1	1	c04
.....Uagagagcuauccgucgacagu.....	3	1	c04
.....aagagagcuCuccgucgacagu.....	1	1	c04
.....aagagagcuaucAgucgacagu.....	7	1	c04
.....aagagaUcuauccgucgacagu.....	2	1	c04
.....aaAagagcuauccgucgacagu.....	1	1	c04
.....aagagagcuauccgucgGcagu.....	2	1	c04
.....aagagagGuauccgucgacagu.....	1	1	c04
.....aagagCgcuauccgucgacagu.....	8	1	c04
.....Cagagagcuauccgucgacagu.....	44	1	c04
.....aagagagcuauccgucgCcagu.....	2	1	c04
.....aagagagAuauccgucgacagu.....	2	1	c04
.....aagagagcuauccCucgacagu.....	2	1	c04
.....aagagagcuauccguUgacagu.....	1	1	c04
.....Gagagagcuauccgucgacagu.....	1	1	c04
.....aagagagcuauccUucgacagu.....	1	1	c04
.....aagagagcuaAccgucgacagu.....	1	1	c04
.....aagagagcuauccgucgaUagu.....	3	1	c04
.....aagagagcuauccgucgacagC.....	1	1	c04
.....aagagagcuauccgucgaAagu.....	1	1	c04
.....aagagagcuauccguAgacagu.....	1	1	c04
.....aagagagcuauccgucgacagA.....	1	1	c04
.....aagagagcuauAcgucgacagu.....	5	1	c04
.....aagagagcuauccgCcgacagu.....	2	1	c04
.....aagagUgcuauccgucgacagu.....	1	1	c04
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.....aagagagcuauccgucgaGagua.....	2	1	c04
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.....aagagagcuauccgucgacaguC.....	7	1	c04
.....aagagagcuCuccgucgacagua.....	1	1	c04
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.....aagagagcuauccgucgCcagua.....	1	1	c04
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Mature Star

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.....aagagagcuauccgucgacaguaG.....	4	1	c04
.....aagagagcuauccgucgacaguUu.....	3	1	c04
.....Cagagagcuauccgucgacaguau.....	4	1	c04
.....aagagagcuauccgucgacaguaA.....	170	1	c04
.....aagagagAuauccgucgacaguau.....	1	1	c04
.....aUgagagcuauccgucgacaguau.....	1	1	c04
.....aagagagcuauccgucgacaguau.....	191	0	c04
.....aagagagcuauccgucgacaguaC.....	5	1	c04
.....aagagagcuauccgucgacagCau.....	1	1	c04
.....aagagagcuauccgucgacaguCu.....	2	1	c04
.....aagagagcuauccgucgacaguauu.....	6	0	c04
.....aagagagcuauccgucgacaguauA.....	3	1	c04
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.....agagagcuauccgucgacaguaG.....	1	1	c04
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.....cugucauggaguugcucucCuu.....	1	1	c04
.....cuguAauggaguugcucucuuu.....	1	1	c04
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Mature Star

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.....cugucauggaguugcucuAuuu.....	1	1	c04
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.....cugucauggaguugcucucuAu.....	1	1	c04
.....cugucUuggaguugcucucuuu.....	1	1	c04
.....cugucauggaguugcucucuuA.....	3	1	c04
.....cugucauggaguugcucucuuC.....	2	1	c04
.....Uugucauggaguugcucucuuua.....	1	1	c04
.....cugucauggaguugcuAucuuua.....	1	1	c04
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.....cugucauggaguugcucucAuua.....	1	1	c04
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.....uguUauggaguugcucucuuua.....	1	1	c04
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.....Ggucauggaguugcucucuuuau.....	10	1	c04
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.....ugucauggaguugcucucuuuaC.....	2	1	c04
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.....ugucauggaguugcucucuuuauA.....	6	1	c04
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Mature Star

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.....................................................ugucauggaguugcucucuuuauUa.....................................  2  1  c04
.....................................................ugucauggaguugcucucuuuauAa.....................................  1  1  c04
.....................................................ucauggaguugcucucuuu...........................................  5  0  c04
.....................................................ucauggaguugcucucuuuU..........................................  1  1  c04
.....................................................ucauggaguugcucucuuua.........................................  3  0  c04
.....................................................ucauggaguugcucucuuuau........................................  1  0  c04
.....................................................ucauggaguugcucucuuuauA.......................................  2  1  c04
.....................................................cauggaguugcucucuuu...........................................  7  0  c04
.....................................................Aauggaguugcucucuuua.........................................  1  1  c04
.....................................................cauggaguugcucucuuua.........................................  3  0  c04
.....................................................auggaguugcucucuuua..........................................  5  0  c04
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.....................................................auggaguugcucucuuuau........................................  3  0  c04
.....................................................auggaguugcucucuuuaA.......................................  1  1  c04
.....................................................uggaguugcucucuuuau.........................................  2  0  c04

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.................Caagagagcuauccgucgacaguau...................................................................  1  1  c16
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.................Cagagagcuauccgucgaca........................................................................  30 1  c16
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.................aagagCgcuauccgucgaca........................................................................  3  1  c16
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```

Mature Star

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.....aagagCgcuauccgucgacag.....	4	1	c16
.....aagaCagcuauccgucgacag.....	1	1	c16
.....aagagagcuauccgucgacaU.....	2	1	c16
.....aagagaCcuauccgucgacag.....	2	1	c16
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.....aagagaUcuauccgucgacagu.....	2	1	c16
.....aagagCgcuauccgucgacagu.....	16	1	c16
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.....aagagagcuauccgucgacagG.....	1	1	c16
.....aagagaCcuauccgucgacagu.....	10	1	c16
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.....aaUagagcuauccgucgacagua.....	1	1	c16
.....aaCagagcuauccgucgacagua.....	3	1	c16
.....Cagagagcuauccgucgacagua.....	215	1	c16

Mature Star

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.....aagagagcuauccguAgacagua.....	15	1	c16
.....aagCgagcuauccgucgacagua.....	4	1	c16
.....aagUgagcuauccgucgacagua.....	2	1	c16
.....aagagCgcuauccgucgacagua.....	9	1	c16
.....aagagagcuauccguUgacagua.....	1	1	c16
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Mature Star

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.....aagagagcuauccgucUac.....	1	1	c09
.....aagagagcuauccguGgac.....	1	1	c09

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aagagagcuUuccgucgac.....	1	1	c09
.....aagagagcuauccgucgac.....	637	0	c09
.....aagaUagcuauccgucgac.....	1	1	c09
.....aagagCgcuauccgucgac.....	3	1	c09
.....aagagagcuauccguAgac.....	1	1	c09
.....aagagagAuauccgucgac.....	2	1	c09
.....aagagagcuaAccgucgac.....	2	1	c09
.....aagagagcuauccgucgCc.....	3	1	c09
.....Uagagagcuauccgucgac.....	1	1	c09
.....aagagagcuauccUucgaca.....	2	1	c09
.....aagGgagcuauccgucgaca.....	2	1	c09
.....aagagagcuauccgucgaAa.....	2	1	c09
.....aagagagcuauccgucgacU.....	5	1	c09
.....aagagagcuaucUgucgaca.....	2	1	c09
.....aagagagcuauccgGcgaca.....	1	1	c09
.....aagagagcuGuccgucgaca.....	1	1	c09
.....aagagagcuauccgucgaca.....	2852	0	c09
.....aagagagcuauAcgucgaca.....	5	1	c09
.....aagaCagcuauccgucgaca.....	1	1	c09
.....aagagUgcuauccgucgaca.....	1	1	c09
.....aagagagcuaucAgucgaca.....	11	1	c09
.....Cagagagcuauccgucgaca.....	40	1	c09
.....aaCagagcuauccgucgaca.....	1	1	c09
.....aagagagAuauccgucgaca.....	2	1	c09
.....aaAagagcuauccgucgaca.....	1	1	c09
.....aagaAagcuauccgucgaca.....	1	1	c09
.....aagagagcuauUcgucgaca.....	1	1	c09
.....aagagagcuauccgucgCca.....	4	1	c09
.....aUgagagcuauccgucgaca.....	1	1	c09
.....aagagagcuauccguUgaca.....	2	1	c09
.....aagagaAcuauccgucgaca.....	1	1	c09
.....aagagagcuaAccgucgaca.....	2	1	c09
.....aagagagcuauccCucgaca.....	6	1	c09
.....aagagagcuauccgucCaca.....	1	1	c09
.....aagagagUuauccgucgaca.....	3	1	c09
.....aagagGgcuauccgucgaca.....	1	1	c09
.....aagagaUcuauccgucgaca.....	1	1	c09
.....aagagagcuauccgucAaca.....	2	1	c09
.....aagCgagcuauccgucgaca.....	1	1	c09
.....Gagagagcuauccgucgaca.....	3	1	c09
.....aagagCgcuauccgucgaca.....	13	1	c09
.....aagagagcCauccgucgaca.....	2	1	c09
.....aagagagcuauccgucUaca.....	1	1	c09
.....aaUagagcuauccgucgaca.....	1	1	c09
.....aagagagcuauccguAgaca.....	4	1	c09
.....aagagagcuaGccgucgaca.....	1	1	c09
.....aagagagcuauccgAcgaca.....	1	1	c09
.....aagagagcuauccgucgacC.....	9	1	c09
.....aagagagAuauccgucgacag.....	2	1	c09
.....aagagagcuauccgCcgacag.....	1	1	c09
.....Gagagagcuauccgucgacag.....	2	1	c09
.....aagagagcuauccUucgacag.....	1	1	c09
.....aagagaAcuauccgucgacag.....	1	1	c09
.....aagagagcuauccgucgaAag.....	2	1	c09
.....aagagagcuauccgucgacUg.....	3	1	c09
.....aaCagagcuauccgucgacag.....	1	1	c09
.....aagagaCcuauccgucgacag.....	4	1	c09
.....aagagagcuauccgucgacaA.....	16	1	c09
.....aagagagcuauccCucgacag.....	5	1	c09
.....aagagagcuauccgucgaUag.....	1	1	c09
.....aagGgagcuauccgucgacag.....	1	1	c09
.....aagagaUcuauccgucgacag.....	2	1	c09
.....aagagagGuauccgucgacag.....	1	1	c09
.....aagagagcuCuccgucgacag.....	5	1	c09
.....aagaUagcuauccgucgacag.....	2	1	c09
.....aagagagcuauccgucAacag.....	1	1	c09
.....aagaCagcuauccgucgacag.....	4	1	c09
.....aagagUgcuauccgucgacag.....	1	1	c09
.....aagagagcuauccgucgacaC.....	23	1	c09
.....aagUgagcuauccgucgacag.....	1	1	c09

Mature **Star**

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aagagagcuauAcgucgacag.....	3	1	c09
.....aagagagcuauccguUgacag.....	1	1	c09
.....aagagagcCauccgucgacag.....	2	1	c09
.....aagagagcuauccgucCacag.....	1	1	c09
.....aagagagcuauccgucgacaU.....	14	1	c09
.....aagagCgcuauccgucgacag.....	11	1	c09
.....aagagagcuauccgAcgacag.....	1	1	c09
.....aagagagcuaucUgucgacag.....	4	1	c09
.....aagagagcuauccgucgacGg.....	3	1	c09
.....aagagagcuaucAgucgacag.....	11	1	c09
.....Cagagagcuauccgucgacag.....	45	1	c09
.....aagagagcuauccgucgacCg.....	1	1	c09
.....aagagagcuauccgucgCcag.....	3	1	c09
.....aagagagcuaAccgucgacag.....	2	1	c09
.....aagagagcAauccgucgacag.....	1	1	c09
.....aagagagcuauccgucgacag.....	3325	0	c09
.....aagagagcuauccguAgacag.....	2	1	c09
.....aagagagcuauccgucUacagu.....	14	1	c09
.....aagagagcuauccgucgGcagu.....	4	1	c09
.....aagagagcuauUcgucgacagu.....	11	1	c09
.....aagagagcuauccgucgacagC.....	8	1	c09
.....aagUgagcuauccgucgacagu.....	2	1	c09
.....aagagagcuauccgAcgacagu.....	7	1	c09
.....aagagaAcuauccgucgacagu.....	4	1	c09
.....aagagagcuauccgucgacaCu.....	10	1	c09
.....aaCagagcuauccgucgacagu.....	13	1	c09
.....aagagagcuauccUucgacagu.....	4	1	c09
.....aagagagcuauccgucgacagu.....	15828	0	c09
.....aagagagcuauccgucCacagu.....	11	1	c09
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.....aagagagcuauccgucgacagG.....	15	1	c09
.....aGgagagcuauccgucgacagu.....	3	1	c09
.....aagagGgcuauccgucgacagu.....	3	1	c09
.....aagagagcuauccgucgaAagu.....	6	1	c09
.....aagagagcuauccgucgacaAu.....	2	1	c09
.....aagagagcuauccguUgacagu.....	9	1	c09
.....aagagagcuauccgucgaUagu.....	9	1	c09
.....aagagagcGauccgucgacagu.....	3	1	c09
.....aagGgagcuauccgucgacagu.....	5	1	c09
.....aagagaUcuauccgucgacagu.....	3	1	c09
.....aagagagcuauAcgucgacagu.....	20	1	c09
.....aagagagcuauccgGcgacagu.....	1	1	c09
.....aagCgagcuauccgucgacagu.....	5	1	c09
.....aagaCagcuauccgucgacagu.....	7	1	c09
.....aagagagcuGuccgucgacagu.....	3	1	c09
.....aagagagcuauccgucgCcagu.....	23	1	c09
.....aagagagcuUuccgucgacagu.....	2	1	c09
.....aagagagcuauccgucgacUgu.....	1	1	c09
.....aagagagcuauccgCcgacagu.....	1	1	c09
.....aagagagcuauccguAgacagu.....	20	1	c09
.....aagagagcuaucUgucgacagu.....	6	1	c09
.....aagagagcCauccgucgacagu.....	4	1	c09
.....aagagagcuauccgucgaGagu.....	1	1	c09
.....Gagagagcuauccgucgacagu.....	8	1	c09
.....Cagagagcuauccgucgacagu.....	216	1	c09
.....aagagagcuaAccgucgacagu.....	8	1	c09
.....aagagagcuauccgucgacGgu.....	11	1	c09
.....aagagUgcuauccgucgacagu.....	2	1	c09
.....aagaUagcuauccgucgacagu.....	6	1	c09
.....aagagagcuauccgucgacagA.....	35	1	c09
.....aUgagagcuauccgucgacagu.....	1	1	c09
.....aagagagcuauccgucAacagu.....	4	1	c09
.....aagagagcuauccgucgacCgu.....	1	1	c09
.....aaAagagcuauccgucgacagu.....	1	1	c09
.....aaUagagcuauccgucgacagu.....	9	1	c09
.....aagagagcuCuccgucgacagu.....	4	1	c09
.....aagagagcuaucAgucgacagu.....	49	1	c09
.....aagagagcuauccAucgacagu.....	8	1	c09
.....aagagagcuaCccgucgacagu.....	1	1	c09
.....aagagagUuauccgucgacagu.....	6	1	c09

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aagagagGuauccgucgacagu.....	1	1	c09
.....aagagagcuaucGgucgacagu.....	8	1	c09
.....aagagagcuauccCucgacagu.....	16	1	c09
.....aagagaCcuauccgucgacagu.....	6	1	c09
.....aagagCgcuauccgucgacagu.....	38	1	c09
.....aagagagcuauccgucgUcagu.....	5	1	c09
.....aagagagAuauccgucgacagu.....	22	1	c09
.....aagagagcuaGccgucgacagu.....	3	1	c09
.....aagagagcuauccgucgacaguU.....	348	1	c09
.....aagagagcuauccgucgacaAua.....	2	1	c09
.....aagagCgcuauccgucgacagua.....	34	1	c09
.....aagagagcuauccgucgaUagua.....	3	1	c09
.....aagagagcuauccgucgacGgua.....	6	1	c09
.....aagagagcuauccguUgacagua.....	10	1	c09
.....aagagagcuauccgCcgacagua.....	2	1	c09
.....aagaAagcuauccgucgacagua.....	1	1	c09
.....aagagagcuCuccgucgacagua.....	6	1	c09
.....aaUagagcuauccgucgacagua.....	8	1	c09
.....aagagagcCauccgucgacagua.....	2	1	c09
.....aagagagcuaGccgucgacagua.....	3	1	c09
.....aagagagcuaCccgucgacagua.....	2	1	c09
.....aagagagcuaucUgucgacagua.....	12	1	c09
.....aagagagUuauccgucgacagua.....	6	1	c09
.....aagagagcAauccgucgacagua.....	5	1	c09
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.....aagagagcuauccgucUacagua.....	10	1	c09
.....Gagagagcuauccgucgacagua.....	4	1	c09
.....aagagagcuauccgucgacaguG.....	37	1	c09
.....aagagagcuauccgucgacCgua.....	1	1	c09
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.....aagaCagcuauccgucgacagua.....	3	1	c09
.....aagagagcuaucAgucgacagua.....	40	1	c09
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.....aagaUagcuauccgucgacagua.....	6	1	c09
.....aagagagcuauccgucgGcagua.....	1	1	c09
.....aagagaCcuauccgucgacagua.....	1	1	c09
.....aagagagcuauccgucAacagua.....	4	1	c09
.....aagagagcuauccUucgacagua.....	4	1	c09
.....Uagagagcuauccgucgacagua.....	3	1	c09
.....aagagagcuauccAucgacagua.....	4	1	c09
.....aagagagcGauccgucgacagua.....	2	1	c09
.....aagagagcuauAcgucgacagua.....	15	1	c09
.....aagagagcuauccgGcgacagua.....	2	1	c09
.....aagagagcuauccgAcgacagua.....	3	1	c09
.....aagGgagcuauccgucgacagua.....	2	1	c09
.....aagagagcuauccgucgaGagua.....	3	1	c09
.....aagagagcuauccgucgaAagua.....	3	1	c09
.....aagagagcuauccgucgCcagua.....	13	1	c09
.....aagagagcuauccgucgacUgua.....	4	1	c09
.....aagagagcuaAccgucgacagua.....	5	1	c09
.....aagagaUcuauccgucgacagua.....	1	1	c09
.....Cagagagcuauccgucgacagua.....	116	1	c09
.....aagagagcuauccgucgacaguC.....	56	1	c09
.....aagagagcuauccgucCacagua.....	8	1	c09
.....aagagagcuauccguAgacagua.....	13	1	c09
.....aagagagcuauccgucgacagGa.....	1	1	c09
.....aagagagcuauccgucgacagAa.....	7	1	c09
.....aagagagAuauccgucgacagua.....	14	1	c09
.....aagagGgcuauccgucgacagua.....	2	1	c09
.....aagagagcuauccgucgacaCua.....	10	1	c09
.....aagagagcuauccgucgacaUua.....	1	1	c09
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.....aagCgagcuauccgucgacagua.....	2	1	c09
.....aagUgagcuauccgucgacagua.....	1	1	c09
.....aUgagagcuauccgucgacagua.....	3	1	c09
.....aagagagGuauccgucgacagua.....	3	1	c09
.....aagagagcuauUcgucgacagua.....	1	1	c09
.....aGgagagcuauccgucgacagua.....	1	1	c09
.....aagagagcuauccgucgacaguCu.....	8	1	c09
.....aagagagcuauccgGcgacaguau.....	1	1	c09

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....aagagagAuauccgucgacaguau.....	1	1	c09
.....aGgagagcuauccgucgacaguau.....	1	1	c09
.....aagagagcuCuccgucgacaguau.....	1	1	c09
.....aagagagcuauccgucgaUaguau.....	1	1	c09
.....aagagagcuauccCucgacaguau.....	1	1	c09
.....Cagagagcuauccgucgacaguau.....	13	1	c09
.....aagagagcAauccgucgacaguau.....	1	1	c09
.....aagagagcuauccgucgacaguau.....	1282	0	c09
.....aagagagcuauccgucgacaCuau.....	2	1	c09
.....aagaUagcuauccgucgacaguau.....	1	1	c09
.....aagagagcuauccgucgacaguaG.....	32	1	c09
.....aagagagcuauccgucgacaUuau.....	1	1	c09
.....aagagagcuauccgucgacaguUu.....	50	1	c09
.....aagaCagcuauccgucgacaguau.....	1	1	c09
.....aagagagcuauccgucgacagGau.....	1	1	c09
.....aagagagcuauccguAgacaguau.....	2	1	c09
.....aagagagcuaucAgucgacaguau.....	4	1	c09
.....aagagagcuauccgucgacaAuau.....	1	1	c09
.....aagagaUcuauccgucgacaguau.....	1	1	c09
.....aagagagcuauccgucgacaguaC.....	34	1	c09
.....aagagagcuauccgucgCcaguau.....	4	1	c09
.....aagagagcCauccgucgacaguau.....	1	1	c09
.....aagagagcuauccgucgacGguau.....	1	1	c09
.....aagagagcuUuccgucgacaguau.....	1	1	c09
.....Gagagagcuauccgucgacaguau.....	1	1	c09
.....aagGgagcuauccgucgacaguau.....	1	1	c09
.....aagagagcuauccgucgacagCau.....	1	1	c09
.....aagagagcuauccgucgacaguaA.....	1152	1	c09
.....aagagagcuauAcgucgacaguau.....	1	1	c09
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.....aagagagcuaucGgucgacaguau.....	1	1	c09
.....aagagagcuauccgucgacaguGu.....	5	1	c09
.....aagagCgcuauccgucgacaguau.....	4	1	c09
.....aagagagcuauccgucgacaguauA.....	18	1	c09
.....aagagagcuauccgucgacaguaAu.....	29	1	c09
.....aagagagcuauccgucgacaguauu.....	33	0	c09
.....aagagagcuauccgucgacaguauG.....	4	1	c09
.....aagagagcuauccgucgacaguauC.....	11	1	c09
.....aagagagcuauccgucgCcaguauu.....	1	1	c09
.....aagagagcuauccgucgacaguUuu.....	3	1	c09
.....aagagagcuauccgucgacaguaGu.....	6	1	c09
.....aagagagcuauccgucgacaguauuU.....	4	1	c09
.....aagagagcuauccgucgacaguaCug.....	2	1	c09
.....aagagagcuauccgucgacaguauugcca.....	2	0	c09
.....aagagagcuauccgucgacaguauugccagu.....	1	0	c09
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.....agagagcuaucAgucgac.....	1	1	c09
.....agagagcuauccgucgac.....	29	0	c09
.....agaUagcuauccgucgac.....	1	1	c09
.....Cgagagcuauccgucgaca.....	2	1	c09
.....agagagcuauccgucgCca.....	1	1	c09
.....aCagagcuauccgucgaca.....	1	1	c09
.....agagagcuauccgucgaca.....	51	0	c09
.....agagagcuauccgucgacaC.....	1	1	c09
.....agagagcuauccgucgacag.....	24	0	c09
.....aUagagcuauccgucgacag.....	1	1	c09
.....aUagagcuauccgucgacagu.....	3	1	c09
.....agagagcuauccCucgacagu.....	1	1	c09
.....agagagcuauccgucgacagu.....	372	0	c09
.....agagagcuauccUucgacagu.....	1	1	c09
.....aAagagcuauccgucgacagu.....	1	1	c09
.....agagagcuauccgucgaAagu.....	1	1	c09
.....agagCgcuauccgucgacagu.....	2	1	c09
.....agagagcuauccgucgaUagu.....	1	1	c09
.....agagagUuauccgucgacagu.....	1	1	c09
.....agagagcuauccguAgacagu.....	1	1	c09
.....Cgagagcuauccgucgacagu.....	4	1	c09
.....agagagcuauccgucgacaUua.....	1	1	c09
.....agagagcuauUcgucgacagua.....	1	1	c09
.....agagagcuaucUgucgacagua.....	1	1	c09

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....Cgagagcuauccgucgacagua.....	9	1	c09
.....aCagagcuauccgucgacagua.....	1	1	c09
.....aUagagcuauccgucgacagua.....	2	1	c09
.....agagagcuauAcgucgacagua.....	2	1	c09
.....agagagcuauccguUgacagua.....	2	1	c09
.....agagagcuCuccgucgacagua.....	2	1	c09
.....agUgagcuauccgucgacagua.....	2	1	c09
.....agagagcuauccgucgacaguU.....	11	1	c09
.....agagagcuauccgucgacagua.....	770	0	c09
.....agagagcuaucAgucgacagua.....	1	1	c09
.....agagagcuauccgucgacaguC.....	2	1	c09
.....agagagcuauccAucgacagua.....	1	1	c09
.....agagagAuauccgucgacagua.....	1	1	c09
.....agagCgcuauccgucgacagua.....	6	1	c09
.....aAagagcuauccgucgacagua.....	1	1	c09
.....agagagcuauccgucgCcagua.....	4	1	c09
.....agagagcuauccgucCacagua.....	1	1	c09
.....Ggagagcuauccgucgacagua.....	1	1	c09
.....agagagcuaGccgucgacagua.....	1	1	c09
.....agagagcuauccgucgacaguG.....	1	1	c09
.....agagagcuauccgucgacaguaA.....	48	1	c09
.....Cgagagcuauccgucgacaguau.....	1	1	c09
.....agagagcuauccgucgacaguau.....	62	0	c09
.....agagagcuCuccgucgacaguau.....	1	1	c09
.....agagagcuauccgucgacaguaG.....	4	1	c09
.....agagagcuauccguUgacaguau.....	1	1	c09
.....agagagcuauccgCcgacaguau.....	1	1	c09
.....agagagcuauccgucgacaguaC.....	6	1	c09
.....agagagcuauccgucgacaguaAu.....	3	1	c09
.....agagagcuauccgucgacaguauA.....	1	1	c09
.....agagagcuauccgucgacaguauu.....	2	0	c09
.....gagCgcuauccgucgaca.....	1	1	c09
.....gagagcuauccgucgaca.....	1	0	c09
.....gagagcuauccgucgacU.....	1	1	c09
.....Aagagcuauccgucgacag.....	1	1	c09
.....gagagcuauccgucgacag.....	1	0	c09
.....gaCagcuauccgucgacag.....	1	1	c09
.....gagagcuauccgucgacagu.....	18	0	c09
.....gagagcuauAcgucgacagu.....	1	1	c09
.....Aagagcuauccgucgacagu.....	2	1	c09
.....gaCagcuauccgucgacagu.....	1	1	c09
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.....gagagcuauccgucgacaguau.....	2	0	c09
.....gagagcuauccgucgacaguaA.....	1	1	c09
.....agagcuauccgucgacag.....	12	0	c09
.....Ugagcuauccgucgacagu.....	1	1	c09
.....agagcuauccgucgacagG.....	1	1	c09
.....agagcuauccgucgacagu.....	70	0	c09
.....agagcuauccguAgacagu.....	1	1	c09
.....agagcuaucAgucgacagu.....	1	1	c09
.....agagcuauccgucgacagua.....	48	0	c09
.....agagcuaucAgucgacagua.....	1	1	c09
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.....agagcuauccgucgacaguU.....	2	1	c09
.....aAagcuauccgucgacagua.....	1	1	c09
.....Cgagcuauccgucgacagua.....	3	1	c09
.....agagcuauccgucgacaguaA.....	2	1	c09
.....Cgagcuauccgucgacaguau.....	1	1	c09
.....agagcuauccgucgacaguau.....	12	0	c09
.....agagcuauccgucgacaguauugccaU.....	1	1	c09
.....gagcuauccgucgacagu.....	59	0	c09
.....Cagcuauccgucgacagu.....	1	1	c09
.....gGgcuauccgucgacagua.....	1	1	c09
.....gagcuauccgucgacaguU.....	3	1	c09
.....gagcuauccgucgacagua.....	55	0	c09
.....gagcuauccgucgacaguau.....	6	0	c09
.....gagcuauccgucgacaguaA.....	5	1	c09
.....gagcuauccgucgacaguauu.....	1	0	c09
.....agcuauccgucgacagua.....	23	0	c09
.....Cgcuauccgucgacagua.....	1	1	c09

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....agcuauccgucgacaguau.....	1	0	c09
.....agcuauccgucgacaguaG.....	1	1	c09
.....agAuauccgucgacaguau.....	1	1	c09
.....agcuauccgucgacaguaA.....	1	1	c09
.....gcuauccgucgacaguaA.....	5	1	c09
.....gcuauccgucgacaguau.....	2	0	c09
.....uauccgucgacaguaGugc.....	1	1	c09
.....auccgucgacaguauugcca.....	1	0	c09
.....acacugucauggaguugcucucuuuau.....	1	0	c09
.....cacugucauggaguugcucu.....	1	0	c09
.....cacugucauggaguugcucuc.....	1	0	c09
.....cGcugucauggaguugcucuc.....	1	1	c09
.....cacugucauggaguugcucucu.....	1	0	c09
.....cacugucauggaguugcucucuu.....	2	0	c09
.....Gacugucauggaguugcucucuuu.....	1	1	c09
.....cCcugucauggaguugcucucuuu.....	1	1	c09
.....cUcugucauggaguugcucucuuua.....	1	1	c09
.....Gacugucauggaguugcucucuuua.....	2	1	c09
.....aGugucauggaguugcucu.....	1	1	c09
.....acugucauggaguugcucuc.....	1	0	c09
.....acugucauggaguugcucucu.....	2	0	c09
.....Ccugucauggaguugcucucu.....	2	1	c09
.....acugucauggaguugcucucuu.....	3	0	c09
.....acugucauggaguugcucucuuu.....	6	0	c09
.....Ccugucauggaguugcucucuuu.....	2	1	c09
.....aUugucauggaguugcucucuuua.....	1	1	c09
.....Ccugucauggaguugcucucuuua.....	1	1	c09
.....Gcugucauggaguugcucucuuua.....	1	1	c09
.....aAugucauggaguugcucucuuua.....	1	1	c09
.....acugucauggaguugcucucuuua.....	3	0	c09
.....acugucauggaguugcucucuuuau.....	1	0	c09
.....cugucauggaguugcucA.....	1	1	c09
.....cugucauggaCuugcucu.....	1	1	c09
.....cugAcauggaguugcucu.....	1	1	c09
.....cugucauggaguugcucu.....	384	0	c09
.....cugucauggaguugcuUu.....	1	1	c09
.....cugucauggaguugcucG.....	1	1	c09
.....cugucauCgaguugcucuc.....	1	1	c09
.....cugucauggaguugcucuA.....	3	1	c09
.....cugucaCggaguugcucuc.....	1	1	c09
.....cugucauggaguugcucuc.....	300	0	c09
.....cugucauggaguugcucuU.....	4	1	c09
.....cugucauggaguGgcucuc.....	1	1	c09
.....cugucauggaguugcucGc.....	1	1	c09
.....cugucauggaguugcuAuc.....	2	1	c09
.....cugucauggaguugcucAcu.....	1	1	c09
.....cugucauggaguugcucuAu.....	1	1	c09
.....cugucauggaguugcuAucu.....	1	1	c09
.....cugucauggaguugAucucu.....	1	1	c09
.....cugucauggaguugcucucA.....	3	1	c09
.....cugucauggaguugcucucC.....	1	1	c09
.....cugucauggaguCgcucucu.....	1	1	c09
.....cugucauggaguugcucucu.....	398	0	c09
.....cugucauggaguugcucucuA.....	2	1	c09
.....cugucauggaguugcucucuC.....	4	1	c09
.....cugucauggaguugcucucuG.....	3	1	c09
.....cugucauggaguugcucucCu.....	2	1	c09
.....cugucauggaguugcucuAuu.....	2	1	c09
.....cugucauggaguugcucucGu.....	1	1	c09
.....cuAucauggaguugcucucuu.....	1	1	c09
.....cugucauggaguugcucucuu.....	819	0	c09
.....cugucauggaguuCcucucuu.....	1	1	c09
.....cuguAauggaguugcucucuu.....	1	1	c09
.....cugucGuggaguugcucucuu.....	1	1	c09
.....cugucauggaguugUucucuu.....	2	1	c09
.....cugGcauggaguugcucucuu.....	1	1	c09
.....cugucaAggaguugcucucuu.....	1	1	c09
.....cugucauggaguugAucucuu.....	1	1	c09
.....cCgucauggaguugcucucuu.....	2	1	c09
.....cugucauggaguugcucucAu.....	1	1	c09

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....cugucauggaguugcucCcuu.....	2	1	c09
.....cugucauggaguugcucucuuu.....	1979	0	c09
.....cugucauggaguugAucucuuu.....	3	1	c09
.....cugucauggaguugcucucAuu.....	2	1	c09
.....cuCucauggaguugcucucuuu.....	4	1	c09
.....cugucaAggaguugcucucuuu.....	1	1	c09
.....cugucauggaguugcuAucuuu.....	3	1	c09
.....cugucauggaguugcucucuCu.....	1	1	c09
.....cugucUuggaguugcucucuuu.....	1	1	c09
.....cuUucauggaguugcucucuuu.....	1	1	c09
.....cugucauggGguugcucucuuu.....	1	1	c09
.....cAgucauggaguugcucucuuu.....	2	1	c09
.....cugucauUgaguugcucucuuu.....	1	1	c09
.....cugucauggaguugcucCcuuu.....	2	1	c09
.....cuguAauggaguugcucucuuu.....	2	1	c09
.....cugucauggaguuAcucucuuu.....	4	1	c09
.....cugucauggaguugUucucuuu.....	1	1	c09
.....cugucauggaguugcucucuuC.....	1	1	c09
.....cugucauggaguugcucucuuG.....	3	1	c09
.....cugAcauggaguugcucucuuu.....	1	1	c09
.....cugucauCgaguugcucucuuu.....	2	1	c09
.....cugucauggaguugcucuAuuu.....	1	1	c09
.....cugucauggaguugcucucCuu.....	6	1	c09
.....cugucauggaguugcucAcuuu.....	1	1	c09
.....cugucauggUguugcucucuuu.....	2	1	c09
.....cugucaCggaguugcucucuuu.....	1	1	c09
.....cugucauggaguugcucucGuu.....	1	1	c09
.....cugucaugCaguugcucucuuu.....	2	1	c09
.....cugucauggaguuCcucucuuu.....	1	1	c09
.....cugucauggaguugcucucuuA.....	6	1	c09
.....cuguUauggaguugcucucuuu.....	1	1	c09
.....cugucauggagCugcucucuuua.....	1	1	c09
.....cugucauggaguugcucucuuua.....	2145	0	c09
.....cugucauggaguugcucuGuuua.....	1	1	c09
.....cuguAauggaguugcucucuuua.....	1	1	c09
.....cugucauggaguugcucucuGua.....	1	1	c09
.....cugucauggaguugcucucuuAa.....	2	1	c09
.....cugAcauggaguugcucucuuua.....	2	1	c09
.....cuguUauggaguugcucucuuua.....	3	1	c09
.....cugucaugUaguugcucucuuua.....	1	1	c09
.....cugucauggaguuAcucucuuua.....	1	1	c09
.....cugucauggaguugUucucuuua.....	2	1	c09
.....cugucauggaguugcucuUuuua.....	2	1	c09
.....cugucauggaguugcucucGuua.....	1	1	c09
.....cugucauggaguugcucucuuuU.....	122	1	c09
.....cuUucauggaguugcucucuuua.....	1	1	c09
.....cugucauggaguugcucuAuuua.....	1	1	c09
.....cugucauggagAugcucucuuua.....	1	1	c09
.....cugucauggGguugcucucuuua.....	1	1	c09
.....cugucauggaguCgcucucuuua.....	2	1	c09
.....cugucauggaguugcucucuuuC.....	10	1	c09
.....cugucauggaguugcucucAuua.....	1	1	c09
.....cAgucauggaguugcucucuuua.....	2	1	c09
.....cuCucauggaguugcucucuuua.....	4	1	c09
.....Uugucauggaguugcucucuuua.....	2	1	c09
.....cugGcauggaguugcucucuuua.....	1	1	c09
.....cCgucauggaguugcucucuuua.....	3	1	c09
.....cugucGuggaguugcucucuuua.....	1	1	c09
.....cugucauggaguugcucCcuuua.....	1	1	c09
.....cugucauggaguugAucucuuua.....	1	1	c09
.....cugucauggaguuCcucucuuua.....	3	1	c09
.....cugucauggagGugcucucuuua.....	1	1	c09
.....cugucauggaguugcuAucuuua.....	3	1	c09
.....cugucauCgaguugcucucuuua.....	4	1	c09
.....Augucauggaguugcucucuuua.....	1	1	c09
.....cugucauggaguugcucucuuuG.....	8	1	c09
.....cugucaAggaguugcucucuuua.....	2	1	c09
.....cugucauggaguugcucucuuuau.....	150	0	c09
.....cugucauggaguugcuAucuuuau.....	1	1	c09
.....cugucauggaguugcucucuuuUu.....	3	1	c09

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....cugucauggaguugcucucuuuaG.....	3	1	c09
.....cugucauggaguugcucucuuuaC.....	11	1	c09
.....cuguUauggaguugcucucuuuau.....	1	1	c09
.....cugucauggaguugcucucuuuaA.....	289	1	c09
.....cugucauggaguugcucucuuuaAg.....	4	1	c09
.....cugucauggaguugcucucuuuauA.....	7	1	c09
.....cugucauggaguugcucucuuuauU.....	7	1	c09
.....cugucauggaguugcucucuuuaug.....	1	0	c09
.....uUucauggaguugcucuc.....	1	1	c09
.....ugucauggaCuugcucuc.....	1	1	c09
.....ugucGuggaguugcucuc.....	1	1	c09
.....ugucauggagCugcucuc.....	1	1	c09
.....ugucauggaguugcucGc.....	1	1	c09
.....Agucauggaguugcucuc.....	1	1	c09
.....ugucauggaguugcucuG.....	2	1	c09
.....ugucaCggaguugcucuc.....	1	1	c09
.....ugucauggaguugcucuU.....	3	1	c09
.....ugucauggaguugcucuc.....	472	0	c09
.....Ggucauggaguugcucuc.....	30	1	c09
.....ugCcauggaguugcucuc.....	1	1	c09
.....uguGauggaguugcucucu.....	1	1	c09
.....ugucauggaguugcucucu.....	564	0	c09
.....ugucauggaguuCcucucu.....	1	1	c09
.....ugucauggaguugAucucu.....	1	1	c09
.....ugucauggaguuUcucucu.....	1	1	c09
.....ugucauggaguugcucucC.....	1	1	c09
.....Ggucauggaguugcucucu.....	38	1	c09
.....ugGcauggaguugcucucu.....	1	1	c09
.....ugucauUgaguugcucucu.....	1	1	c09
.....ugucauggaguugGucucu.....	1	1	c09
.....ugucaCggaguugcucucuu.....	1	1	c09
.....Agucauggaguugcucucuu.....	3	1	c09
.....ugucauggaguugAucucuu.....	2	1	c09
.....ugucauggaguugcucucAu.....	1	1	c09
.....Ggucauggaguugcucucuu.....	41	1	c09
.....ugucauggaguugcuAucuu.....	1	1	c09
.....ugucauggaguugcucucuu.....	427	0	c09
.....ugucauggaguugcGcucuu.....	2	1	c09
.....ugucauggaguugcucucuA.....	2	1	c09
.....ugucauggaCuugcucucuu.....	1	1	c09
.....ugucauggaguuCcucucuu.....	1	1	c09
.....ugucauAgaguugcucucuu.....	1	1	c09
.....ugucauggaguugcucucuG.....	1	1	c09
.....ugucauggaguugcucuGuu.....	1	1	c09
.....uCucauggaguugcucucuu.....	1	1	c09
.....ugucauggaguugcucucuC.....	4	1	c09
.....ugucauggaguugcucucuuC.....	1	1	c09
.....ugucauggaguugcucucuuA.....	7	1	c09
.....Ggucauggaguugcucucuuu.....	45	1	c09
.....ugucauggaAuugcucucuuu.....	1	1	c09
.....ugucauggaguugcuGucuuu.....	1	1	c09
.....ugucauggaguugcucucCuu.....	3	1	c09
.....ugucauggaguugcucucuuu.....	674	0	c09
.....uguUauggaguugcucucuuu.....	1	1	c09
.....ugucauggaguugcucuAuuu.....	1	1	c09
.....uCucauggaguugcucucuuu.....	2	1	c09
.....ugucauggaguuCcucucuuu.....	1	1	c09
.....ugucauggaUuugcucucuuu.....	2	1	c09
.....ugAcauggaguugcucucuuu.....	2	1	c09
.....uUucauggaguugcucucuuu.....	1	1	c09
.....Agucauggaguugcucucuuu.....	3	1	c09
.....ugucauggaguugcuAucuuu.....	2	1	c09
.....ugucauggaguuCcucucuuua.....	3	1	c09
.....ugucauggaguAgcucucuuua.....	1	1	c09
.....ugucauggaCuugcucucuuua.....	2	1	c09
.....ugGcauggaguugcucucuuua.....	1	1	c09
.....ugucauggagAugcucucuuua.....	5	1	c09
.....uUucauggaguugcucucuuua.....	6	1	c09
.....ugucauggaguugcucucuuCa.....	1	1	c09
.....Cgucauggaguugcucucuuua.....	5	1	c09

Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

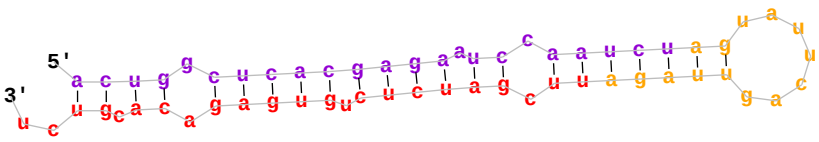
.....ugCcauggaguugcucucuuua.....	1	1	c09
.....ugucauggaguugcucucuuuU.....	63	1	c09
.....ugucauggaguugcAcucuuua.....	1	1	c09
.....ugucauggaguugcucucAuua.....	1	1	c09
.....Agucauggaguugcucucuuua.....	20	1	c09
.....ugucauggaguugcucCcuuua.....	5	1	c09
.....ugucaugCaguugcucucuuua.....	6	1	c09
.....ugucauggaguCgcucucuuua.....	1	1	c09
.....ugucauggagGugcucucuuua.....	2	1	c09
.....uAucauggaguugcucucuuua.....	4	1	c09
.....ugucauggaguugAucucuuua.....	4	1	c09
.....uguUauggaguugcucucuuua.....	2	1	c09
.....uguAauggaguugcucucuuua.....	3	1	c09
.....ugucauggaguuAcucucuuua.....	7	1	c09
.....ugAcauggaguugcucucuuua.....	1	1	c09
.....ugucauggaguugcucucuuua.....	4582	0	c09
.....ugucauggCguugcucucuuua.....	1	1	c09
.....ugucauggaguugcuAucuuua.....	4	1	c09
.....ugucaCggaguugcucucuuua.....	1	1	c09
.....ugucauggaguugcGcucuuua.....	1	1	c09
.....ugucGuggaguugcucucuuua.....	1	1	c09
.....ugucaugAaguugcucucuuua.....	1	1	c09
.....Ggucauggaguugcucucuuua.....	336	1	c09
.....ugucauggaguugcucGcuuua.....	1	1	c09
.....ugucauggaguugcucucuCua.....	1	1	c09
.....ugucauggaguugcucucuuGa.....	1	1	c09
.....ugucauggGguugcucucuuua.....	1	1	c09
.....ugucauggUguugcucucuuua.....	1	1	c09
.....ugucauggagCugcucucuuua.....	2	1	c09
.....ugucaugUaguugcucucuuua.....	3	1	c09
.....ugucauggaguugcucucCuua.....	2	1	c09
.....ugucauggaguGgcucucuuua.....	1	1	c09
.....ugucauggaguugcucuUuuua.....	2	1	c09
.....ugucauggaguugcucucuuuC.....	9	1	c09
.....ugucauggaguugcucucuuuG.....	2	1	c09
.....ugucaAggaguugcucucuuua.....	3	1	c09
.....ugucauCgaguugcucucuuua.....	3	1	c09
.....uCucauggaguugcucucuuua.....	4	1	c09
.....uguUauggaguugcucucuuuau.....	1	1	c09
.....Ggucauggaguugcucucuuuau.....	41	1	c09
.....ugucauggaguugcucCcuuuau.....	1	1	c09
.....uUucauggaguugcucucuuuau.....	1	1	c09
.....ugucauggaguugcucucuAuau.....	2	1	c09
.....Agucauggaguugcucucuuuau.....	3	1	c09
.....ugucauggaguugcucucuuuaA.....	231	1	c09
.....ugucauggaguugcucucuuuaG.....	6	1	c09
.....uguAauggaguugcucucuuuau.....	1	1	c09
.....ugucauggagCugcucucuuuau.....	1	1	c09
.....ugucauggaguugcucucuuuaC.....	41	1	c09
.....ugucauggaguugcucucuuuUu.....	3	1	c09
.....ugucauggaguugcucucuuuau.....	493	0	c09
.....ugucauggaguugAucucuuuau.....	1	1	c09
.....ugGcauggaguugcucucuuuau.....	2	1	c09
.....ugucauggaguugcucucuuuauC.....	3	1	c09
.....ugucauggaguugcucucuuuaug.....	4	0	c09
.....ugucauggaguugcucucuuuauU.....	113	1	c09
.....ugucauggaguugcucucuuuauA.....	33	1	c09
.....ugucauggaguugcucucuuuaAg.....	1	1	c09
.....ugucauggaguugcucucuuGaug.....	1	1	c09
.....Ggucauggaguugcucucuuuaug.....	1	1	c09
.....ugucauggaguugcucucuuuaugG.....	1	1	c09
.....ugucauggaguugcucucuuuauUa.....	2	1	c09
.....ugucauggaguugcucucuuuauAa.....	2	1	c09
.....ugucauggaguugcucucuuuauAaa.....	1	1	c09
.....Ggucauggaguugcucucuuuaugaac.....	1	1	c09
.....ugucauggaguugcucucuuuaugaUc.....	2	1	c09
.....Uucauggaguugcucucuuu.....	1	1	c09
.....gAcauggaguugcucucuuua.....	1	1	c09
.....gucauggaguugcucucuuua.....	4	0	c09
.....ucauggaguugcucucuu.....	18	0	c09

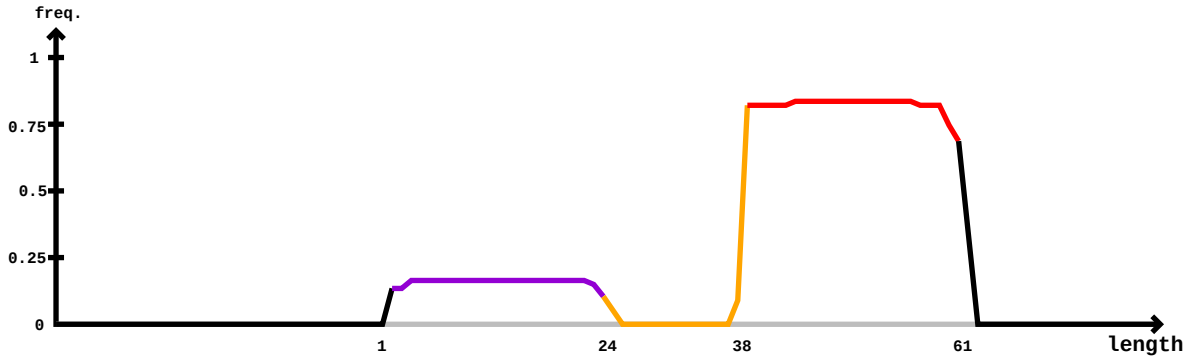
Mature Star

aagccgauaaucuguuaaugaagagagcuauccgucgacaguauugccaguaaacacugucauggaguugcucucuuuaugaacggucccuggcucgacaaggagagaacag

.....Gcauggaguugcucucuu.....	1	1	c09
.....Gcauggaguugcucucuuu.....	3	1	c09
.....ucauCgaguugcucucuuu.....	1	1	c09
.....ucauggaguugcucucuuu.....	28	0	c09
.....ucauggaguuUcucucuuu.....	1	1	c09
.....Gcauggaguugcucucuuua.....	2	1	c09
.....ucauggaguugcucucuuuU.....	4	1	c09
.....ucauggaguugcucucuuua.....	62	0	c09
.....ucauggaAuugcucucuuua.....	1	1	c09
.....ucauggaguugcucucuuuau.....	10	0	c09
.....ucauggaguugcucucuuuaA.....	7	1	c09
.....ucauggaguugcucucuuuaAg.....	1	1	c09
.....ucauggaguugcucucuuuaug.....	1	0	c09
.....ucauggaguugcucucuuuauU.....	13	1	c09
.....ucauggaguugcucucuuuauC.....	1	1	c09
.....cCuggaguugcucucuuu.....	2	1	c09
.....cauggaguugcucucuuu.....	50	0	c09
.....cauggaCuugcucucuuu.....	1	1	c09
.....cauggaguugcucucuuuU.....	5	1	c09
.....cauggaguugcucucuuua.....	36	0	c09
.....caCggaguugcucucuuuau.....	1	1	c09
.....cauggaguugcucucuuuaA.....	1	1	c09
.....cauggaguugcucucuuuau.....	25	0	c09
.....cUuggaguugcucucuuuau.....	1	1	c09
.....cauggaguugcucucuuuauU.....	1	1	c09
.....cauggaguugcucucuuuauga.....	1	0	c09
.....Cuggaguugcucucuuua.....	2	1	c09
.....auggaguugAucucuuua.....	1	1	c09
.....aAggaguugcucucuuua.....	1	1	c09
.....auggaguugcucucuuua.....	40	0	c09
.....auggaguugcucucuuuU.....	4	1	c09
.....auggaguugcucucuuuaA.....	6	1	c09
.....auggaguugcucucuuuau.....	18	0	c09
.....Cuggaguugcucucuuuau.....	1	1	c09
.....auggaguugcucucuuuauU.....	1	1	c09
.....uggaguugcucucuuuau.....	4	0	c09
.....uggaguugcucucuuuaA.....	1	1	c09
.....uggaguugcucucuuuauU.....	1	1	c09

Provisional ID	:	group20_30469
Score total	:	34.5
Score for star read(s)	:	3.9
Score for read counts	:	28.2
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	67
Mature read count	:	56
Loop read count	:	0
Star read count	:	11





Star **Mature**

```
5'- uugaaaaaagaaggaaaugcugugaugcugcggacuggcucacgagaauccaaucuaguauucaguuagauucgaucucugugagacacgucuguucgcacgcauguuacuac  -3'    obs
    uugaaaaaagaaggaaaugcugugaugcugcggacuggcucacgagaauccaaucuaguauucaguuagauucgaucucugugagacacgucuguucgcacgcauguuacuac         exp
    ...........((...(((((((((....(((((((.(((((((((.((.(((((((.......)))))))..)))))).))..)).)))))))))))).))))....))..   reads      mm          sample
    ................................acuggcucacgagaauccaau.....................................................................   1          0           c15
    ................................acuggcucacgagaauccaaucu...................................................................   2          0           c15
    ................................acuggcucacgagaauccaaucuU..................................................................   1          1           c15
    ..................................uggcucacgagaauccaaucu....................................................................   1          0           c15
    ..........................................................................auucgaucucugugagacacUu.....................   1          1           c15
    ..........................................................................uucgaucucugugagacacguc.....................   2          0           c15
    ..........................................................................uucgaucucugugagacacgucu....................   28         0           c15
    ..........................................................................uucgaucucugugagacacgucA....................   1          1           c15
    ..........................................................................uucgaucucugugagacacgucuU...................   7          1           c15

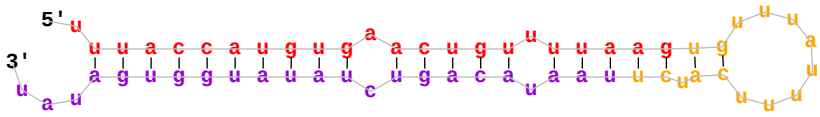
    ..................................uggcucacgagaauccaaucu....................................................................   1          0           c02
    ..........................................................................auucgaucucugugagacGcgucu...................   1          1           c02
    ..........................................................................uucgaucucugugagacacgucu....................   1          0           c02
    ..............................................................................ucucugugagacacgucu......................   1          0           c02

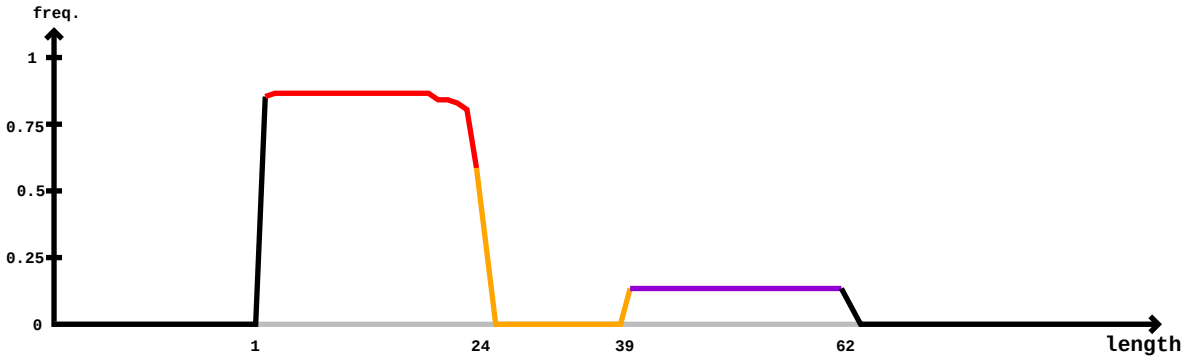
    ..........................................................................auucgaucucugugagaca........................   1          0           c04
    ..........................................................................auucgaucucugugagacacgu.....................   1          0           c04
    ..........................................................................Cuucgaucucugugagacacgu.....................   1          1           c04
    ..........................................................................uucgaucucugugagacacguc.....................   1          0           c04

    ................................Ccuggcucacgagaauccaauc....................................................................   1          1           c16
    ................................acuggcucacgagaauccaauc....................................................................   2          0           c16
    ................................acuggcucacgagaauccaaucu...................................................................   2          0           c16
    ..........................................................................auucgaucucugugagacacgu.....................   1          0           c16
    ..........................................................................uucgaucucugugagacacgu......................   1          0           c16
    ..........................................................................Gucgaucucugugagacacgucu....................   2          1           c16
    ..........................................................................uucgaucucugugagacacgucu....................   5          0           c16

    ..........................................................................Gucgaucucugugagacacguc.....................   1          1           c09
```

Provisional ID	:	group20_30472
Score total	:	42.7
Score for star read(s)	:	3.9
Score for read counts	:	35.8
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	82
Mature read count	:	71
Loop read count	:	0
Star read count	:	11





Mature **Star**

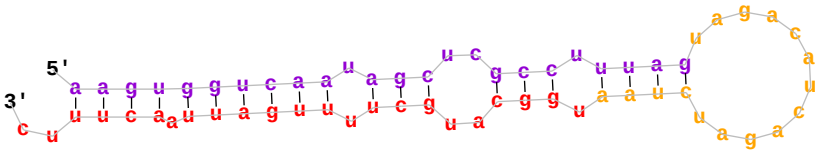
```
5'- gaugcugcgaucuuucagauuuuaccaugugaacuguuuuaaguguuuauuuucaucuuaauacagucuauauggugauaucuguggauaagcagaugccgugugauauggca  -3'    obs
    gaugcugcgaucuuucagauuuuaccaugugaacuguuuuaaguguuuauuuucaucuuaauacagucuauauggugauaucuguggauaagcagaugccgugugauauggca        exp
    ....((((.((((..(((((.((((((((((.(((((.(((((((........)).)))))).)))))).)))))))))).)))))).))))..))))).(((((((...)))))))  reads      mm          sample
    ..................uuuaccaugugaacuguuuuaa.....................................................................................  1          0           c02
    ..................uuuaccaugugaacuguuuuaag....................................................................................  2          0           c02

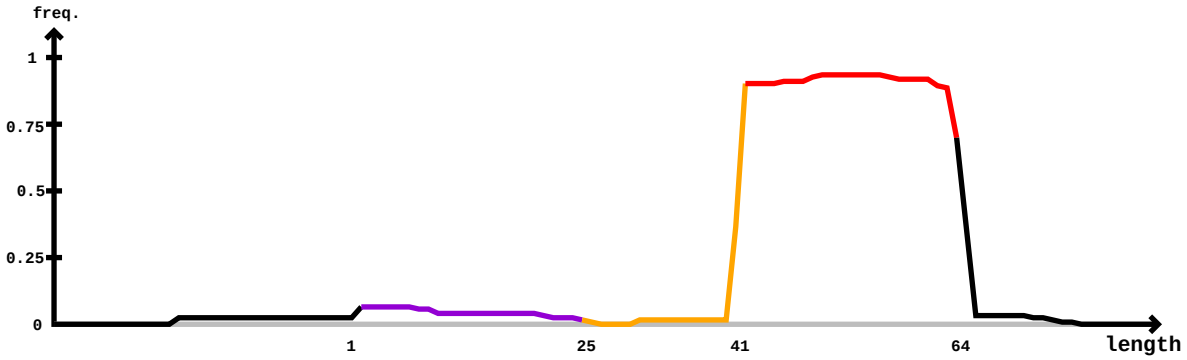
    ..................uuuaccaugugaacuguuuua.....................................................................................  1          0           c15
    ..................uuuaccaAgugaacuguuuua.....................................................................................  1          1           c15
    ..................uuuaccaugugaacuguuuuaa....................................................................................  13         0           c15
    ..................uuuaccaugugaacuguuuuaag...................................................................................  40         0           c15
    ..................uuaccaugugaacuguuuuaag....................................................................................  1          0           c15
    ..........................................................uaauGcagucuauauggugauau..................................  6          1           c15
    ..........................................................uaauacagucuauauggugauauc.................................  1          0           c15

    ..................uuuaccaugugaacuguuuuaa....................................................................................  1          0           c09
    ..................uuuaccaugugaacuguuuuaag...................................................................................  1          0           c09
    ..........................................................uaauacagucuauauggugauau..................................  1          0           c09

    ..................Auuaccaugugaacuguu.........................................................................................  1          1           c16
    ..................uuuaccaugugaacuguu.........................................................................................  1          0           c16
    ..................Guuaccaugugaacuguuuu.......................................................................................  1          1           c16
    ..................uuuaccaugugaacuguuuuaa....................................................................................  3          0           c16
    ..................uuuaccaugugaacuguuuuaag...................................................................................  4          0           c16
    ..........................................................uaauacagucuauauggugauau..................................  3          0           c16
```

Provisional ID	:	group20_30473
Score total	:	58.5
Score for star read(s)	:	3.9
Score for read counts	:	52.1
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	114
Mature read count	:	109
Loop read count	:	0
Star read count	:	5





Star **Mature**

```
5'- aaucagucgaagacaugcuuaucuugcggaaagugggucaauagcucgccuuuaguagacaucagaucuaauggcaugcuuuugauuaacuuucugccgacaggcauugagcua  -3'   obs
    aaucagucgaagacaugcuuaucuugcggaaagugggucaauagcucgccuuuaguagacaucagaucuaauggcaugcuuuugauuaacuuucugccgacaggcauugagcua        exp
    .....(((...)))(((((((.((..((((((((((((((.(((..(((.((((............)))).)))..))).)))))).)))))))))).))..)))))).....   reads    mm    sample
    ............................aaguggucaauagcucgUcuuua.....................................................................   1        1     c09
    ..........................................................auggcaugcuuuugauuaacuuu.....................   4        0     c09
    ..........................................................auggcaugcuuuugauuaacuuuc....................   1        0     c09
    ..........................................................uggcaugcuuuugauuaacuuuc....................   2        0     c09

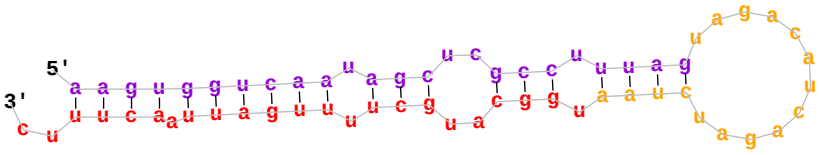
    ..........gacaugcuuaucuugcggaaagugg.....................................................................   1        0     c04
    ............................aaguggucaauagcucgccu.........................................................   1        0     c04
    ..................................................aucagaucuaauggcaugcuuuugauu.....................   1        0     c04
    ..........................................................auggcaugcuuuugauuaacu.....................   1        0     c04
    ..........................................................auggcaugcuuuugauuaacuuu....................   3        0     c04
    ..........................................................auggcaugcuuuugauuaacuuuA...................   1        1     c04
    ..........................................................auggcaugcuuuugauuaacuuuU...................   1        1     c04
    ..........................................................auggcaugcuuuugauuaacuuucA..................   1        1     c04
    ..........................................................Gggcaugcuuuugauuaacuuu.....................   1        1     c04
    ..........................................................uggcaugcuuuugauuaacuuuc....................   3        0     c04

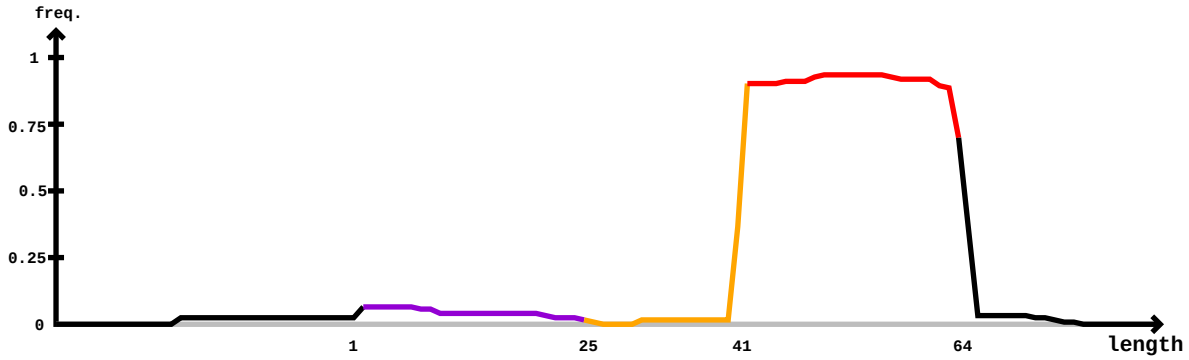
    ..........gacaugcuuaucuugcggaaagugguc...................................................................   2        0     c16
    ............................aaguggucaauagcucgccuuuaU.....................................................   2        1     c16
    ..................................................aucagaucuaauggcaugcuuuugau.....................   1        0     c16
    ..........................................................auggcaugcuuuugauuaacuuu....................   3        0     c16
    ..........................................................auggcaugcuuuugauuaacuuuc...................   2        0     c16
    ..........................................................uggcaugcuuuugauuaacu.....................   1        0     c16
    ..........................................................Gggcaugcuuuugauuaacu.....................   1        1     c16
    ..........................................................uggcaugcuuuugauuaacuu....................   1        0     c16
    ..........................................................uggcaugcuuuugauuaacuuu...................   1        0     c16
    ..........................................................uggcaugcuuuugauuaacuuuc..................   7        0     c16
    ..........................................................uggcaugcuuuugauuaacuuucu.................   1        0     c16
    ..................................................................augcuuuugauuaacuuucugccgac.............   1        0     c16
    ..................................................................cuuuugauuaacuuucugccgacGg..............   1        1     c16
    ..................................................................cuuuugauuaacuuucugccgacaggca...........   1        0     c16
    ..................................................................uuuugauuaacuuucugccgacagg..............   1        0     c16

    ..........................................................auggcaugcuuuugauuaacuuuc....................   1        0     c02
```

Star
Mature
aaucagucgaagacaugcuuaucuugcggaaaguggucaauagcucgccuuuaguagacaucagaucuaauggcaugcuuuugauuaacuuucugccgacaggcauugagcua
.....Gggcaugcuuuugauuaacuuu..... 1 1 c02
.....uggcaugcuuuugauuaacuuuc..... 2 0 c02
.....Gggcaugcuuuugauuaacuuuc..... 1 1 c02
.....aaguggucaauagcucgcc..... 1 0 c15
.....auggcaugcuuuugauuaacuuu..... 7 0 c15
.....auggcGugcuuuugauuaacuuu..... 1 1 c15
.....auggcaugcuuuugauuaacuuuA..... 1 1 c15
.....auggcaugcuuuugauuaacuuuc..... 15 0 c15
.....auggcaugcuuuugauuaacuuucu..... 1 0 c15
.....uggcaugcuuuugauuaacuuu..... 2 0 c15
.....uggcaugcuuuugauuaacuuuc..... 42 0 c15

Provisional ID	:	group20_30475
Score total	:	58.5
Score for star read(s)	:	3.9
Score for read counts	:	52.1
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	114
Mature read count	:	109
Loop read count	:	0
Star read count	:	5





Star **Mature**

```
5'- aaucagucgaagacaugcuuaucuugcggaaaguggucaauagcucgccuuuaguagacaucagaucuaauggcaugcuuuugauuaacuuucugccgacaggcauugagcua  -3'   obs
    aaucagucgaagacaugcuuaucuugcggaaaguggucaauagcucgccuuuaguagacaucagaucuaauggcaugcuuuugauuaacuuucugccgacaggcauugagcua        exp
    .....(((...)))(((((((.((..((((((((((((((.(((..(((.((((............)))).)))..))).)))))).)))))))))).))..)))))).....   reads   mm   sample
    ..........................................................auggcaugcuuuugauuaacuuuc.....................   1       0    c02
    ...........................................................Gggcaugcuuuugauuaacuuu......................   1       1    c02
    ...........................................................Gggcaugcuuuugauuaacuuuc.....................   1       1    c02
    ...........................................................uggcaugcuuuugauuaacuuuc.....................   2       0    c02

    ..............................aaguggucaauagcucgcc..........................................................   1       0    c15
    ..........................................................auggcaugcuuuugauuaacuuu......................   7       0    c15
    ..........................................................auggcGugcuuuugauuaacuuu......................   1       1    c15
    ..........................................................auggcaugcuuuugauuaacuuuA.....................   1       1    c15
    ..........................................................auggcaugcuuuugauuaacuuuc.....................   15      0    c15
    ..........................................................auggcaugcuuuugauuaacuuucu....................   1       0    c15
    ...........................................................uggcaugcuuuugauuaacuuu......................   2       0    c15
    ...........................................................uggcaugcuuuugauuaacuuuc.....................   42      0    c15

    ..............................aaguggucaauagcucgUcuuua......................................................   1       1    c09
    ..........................................................auggcaugcuuuugauuaacuuu......................   4       0    c09
    ..........................................................auggcaugcuuuugauuaacuuuc.....................   1       0    c09
    ...........................................................uggcaugcuuuugauuaacuuuc.....................   2       0    c09

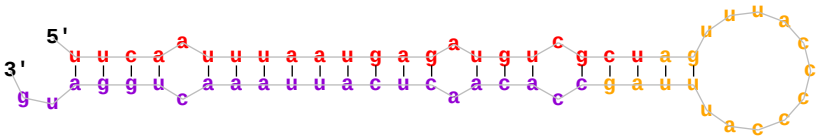
    ..........gacaugcuuaucuugcggaaagugguc.....................................................................   2       0    c16
    ..............................aaguggucaauagcucgccuuuaU.....................................................   2       1    c16
    ...................................................................aucagaucuaauggcaugcuuuugau..............   1       0    c16
    ..........................................................auggcaugcuuuugauuaacuuu......................   3       0    c16
    ..........................................................auggcaugcuuuugauuaacuuuc.....................   2       0    c16
    ...........................................................uggcaugcuuuugauuaacu........................   1       0    c16
    ...........................................................Gggcaugcuuuugauuaacu........................   1       1    c16
    ...........................................................uggcaugcuuuugauuaacuu.......................   1       0    c16
    ...........................................................uggcaugcuuuugauuaacuuu......................   1       0    c16
    ...........................................................uggcaugcuuuugauuaacuuuc.....................   7       0    c16
    ...........................................................uggcaugcuuuugauuaacuuucu....................   1       0    c16
    ..........................................................augcuuuugauuaacuuucugccgac...................   1       0    c16
    ..........................................................cuuuugauuaacuuucugccgacGg....................   1       1    c16
    ..........................................................cuuuugauuaacuuucugccgacaggca.................   1       0    c16
```

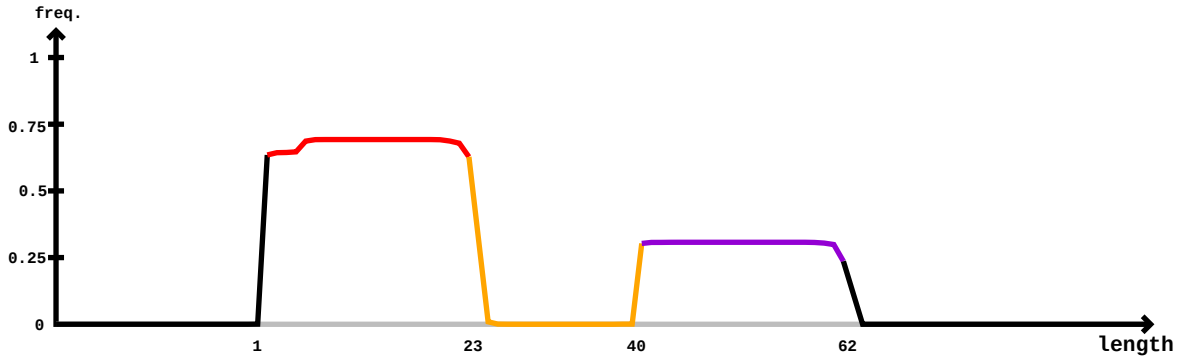
Star Mature

aaucagucgaagacaugcuuaucuugcggaaaguggucaauagcucgccuuuaguagacaucagaucuaauggcaugcuuuugauuaacuuuucugccgacaggcauugagcua

.....uuuugauuaacuuucugccgacagg.....	1	0	c16
.....gacaugcuuaucuugcggaaaagugg.....	1	0	c04
.....aaguggucaauagcucgccu.....	1	0	c04
.....aucagaucuaauggcaugcuuuugauu.....	1	0	c04
.....auggcaugcuuuugauuaacu.....	1	0	c04
.....auggcaugcuuuugauuaacuuu.....	3	0	c04
.....auggcaugcuuuugauuaacuuuU.....	1	1	c04
.....auggcaugcuuuugauuaacuuuA.....	1	1	c04
.....auggcaugcuuuugauuaacuuucA.....	1	1	c04
.....Gggcaugcuuuugauuaacuuu.....	1	1	c04
.....uggcaugcuuuugauuaacuuuc.....	3	0	c04

Provisional ID	:	group20_30486
Score total	:	27750.4
Score for star read(s)	:	3.9
Score for read counts	:	27745.3
Score for mfe	:	0.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	54433
Mature read count	:	37700
Loop read count	:	0
Star read count	:	16733





Mature **Star**

```
5'- aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuacccccauuuagccacaacucauuaaacuggaugcgaaguauguuuaugguacaucggaaucaaa -3'   obs
    aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuacccccauuuagccacaacucauuaaacuggaugcgaaguauguuuaugguacaucggaaucaaa      exp
    ....(((((...((((.((.((((.((((((((((.(((.(((((...........)))))).))).)))))))))).))))..)).)))).)))))..(((((........)))))..
```

reads	mm	sample
.....gGuuucaauuuaaugagaugucgcu.....	1	1	c02
.....Guucaauuuaaugagaugucgcu.....	3	1	c02
.....Cuucaauuuaaugagaugucgcu.....	1	1	c02
.....uuucaauuuaaugagaugucgcu.....	3	0	c02
.....Auucaauuuaaugagaugucgcua.....	1	1	c02
.....uuucaauuuaaugagaugucgcuU.....	1	1	c02
.....uucaauuuaaugagaugu.....	13	0	c02
.....uucaauuuaaugagauUuc.....	1	1	c02
.....Gucaauuuaaugagauguc.....	12	1	c02
.....Cucaauuuaaugagauguc.....	1	1	c02
.....uucaauuuaaugagauguc.....	88	0	c02
.....Aucaauuuaaugagauguc.....	3	1	c02
.....Gucaauuuaaugagaugucg.....	22	1	c02
.....Aucaauuuaaugagaugucg.....	1	1	c02
.....uucaauuuaaugagaugucU.....	1	1	c02
.....uCcaauuuaaugagaugucg.....	1	1	c02
.....uucaauuuaaugUgaugucg.....	1	1	c02
.....uucaauuuaaugagaugucg.....	164	0	c02
.....Aucaauuuaaugagaugucgc.....	3	1	c02
.....uucaauuAaaugagaugucgc.....	1	1	c02
.....uucaGuuuaaugagaugucgc.....	1	1	c02
.....uucaauuuGaugagaugucgc.....	1	1	c02
.....uucaauuuaaugagaugucgU.....	1	1	c02
.....uAcaauuuaaugagaugucgc.....	2	1	c02
.....uucaauuuaaugagaugucgc.....	985	0	c02
.....uucaauuuaaugagaugucgA.....	7	1	c02
.....uucaauuuaaugagauCucgc.....	2	1	c02
.....uucaauuuaauCagaugucgc.....	2	1	c02
.....uucaauuuaaugagaugCcgc.....	1	1	c02
.....uucaauuuaaugagaGgucgc.....	2	1	c02
.....uuAaauuuaaugagaugucgc.....	4	1	c02
.....uucaauuuaaugagaAgucgc.....	1	1	c02
.....uucaauuuaaugagauguAgc.....	1	1	c02

Mature Star

aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuaccccccauuuagccacaacucauuaaaacuggaugcgaaguauguuuaugguacaucggaaucaaa

.....uucaauuuaaugagaCgucgc.....	1	1	c02
.....Gucaauuuaaugagaugucgc.....	126	1	c02
.....uucaauuuaaugagauguUgc.....	1	1	c02
.....uucaauuuGaugagaugucgcu.....	3	1	c02
.....uucaauuuaaugagaAgucgcu.....	9	1	c02
.....uuAaauuuaaugagaugucgcu.....	17	1	c02
.....uGcaauuuaaugagaugucgcu.....	2	1	c02
.....uucGauuuaaugagaugucgcu.....	3	1	c02
.....uucaauuuaaugaUaugucgcu.....	2	1	c02
.....uucaauuuaauAagaugucgcu.....	2	1	c02
.....uucaauuuaaugagauguUgcu.....	3	1	c02
.....uucaauuuaaugagaugucgcC.....	3	1	c02
.....uucaauuuaaugagCugucgcu.....	8	1	c02
.....uucaauuuaaugagaugGcgcu.....	2	1	c02
.....uucaauuuaaugagaGgucgcu.....	3	1	c02
.....uucaaCuuaaugagaugucgcu.....	2	1	c02
.....uucaGuuuaaugagaugucgcu.....	1	1	c02
.....uucaauuuaaugagaugucgUu.....	2	1	c02
.....uucaauuuaaugagauCucgcu.....	33	1	c02
.....uucaauuuaaugagauUucgcu.....	5	1	c02
.....uucaauuuaaugagUugucgcu.....	1	1	c02
.....uucaauuuaauUagaugucgcu.....	2	1	c02
.....uucaauuuaaugagaugucgcG.....	6	1	c02
.....uucaauuuaaugagauguAgcu.....	18	1	c02
.....uucaauuuaaugagGugucgcu.....	3	1	c02
.....uucaauuuaaugagaugucgAu.....	24	1	c02
.....uucaauuuaaugCgaugucgcu.....	2	1	c02
.....uucaauuuaaugagaugucUcu.....	6	1	c02
.....uucaauuuUaugagaugucgcu.....	2	1	c02
.....Aucaauuuaaugagaugucgcu.....	67	1	c02
.....uucaUuuuaaugagaugucgcu.....	1	1	c02
.....uucaauuuaaugagaugucCcu.....	2	1	c02
.....uucaauuuCaugagaugucgcu.....	1	1	c02
.....uuUaauuuaaugagaugucgcu.....	4	1	c02
.....uucaauuuaaugaCaugucgcu.....	4	1	c02
.....uucaauuuaaugagaugucgGu.....	4	1	c02
.....uucaauuuaaugGgaugucgcu.....	1	1	c02
.....uucUauuuaaugagaugucgcu.....	1	1	c02
.....uucaauuAaaugagaugucgcu.....	3	1	c02
.....uucaauuuaaugagaugucgcA.....	5	1	c02
.....uucaaGuuaaugagaugucgcu.....	3	1	c02
.....uAcaauuuaaugagaugucgcu.....	8	1	c02
.....uucaauuuaaGgagaugucgcu.....	1	1	c02
.....uucaauAuaaugagaugucgcu.....	11	1	c02
.....uuGaauuuaaugagaugucgcu.....	3	1	c02
.....Cucaauuuaaugagaugucgcu.....	8	1	c02
.....uucaaAuuaaugagaugucgcu.....	7	1	c02
.....Gucaauuuaaugagaugucgcu.....	1351	1	c02
.....uucaauuuaaugagauAucgcu.....	2	1	c02
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.....uucaauuuaaugagaCgucgcu.....	1	1	c02
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.....uucaauuuaauCagaugucgcu.....	8	1	c02
.....uucaauuuaaAgagaugucgcu.....	8	1	c02
.....uucaauuuaCugagaugucgcu.....	2	1	c02
.....uucaauuuaaugagaugucAcu.....	1	1	c02
.....uucaCuuuaaugagaugucgcu.....	2	1	c02
.....uucaauuuaaugaAaugucgcu.....	2	1	c02
.....uucaauuCaaugagaugucgcu.....	6	1	c02
.....uCcaauuuaaugagaugucgcu.....	2	1	c02
.....uucaauuuaaugagaugucgcuU.....	728	1	c02
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.....uucaauuuaaugagaugAcgcua.....	1	1	c02
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Mature Star

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.....uucaauuuaaugagaugucgcuaUu.....	1	1	c02
.....ucaauuuaaugagaugucg.....	2	0	c02
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.....ucaauuuaaugagaugucgcua.....	1	0	c02
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.....auCuaaugagaugucgcu.....	1	1	c02
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.....Cuuuaaugagaugucgcu.....	41	1	c02
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.....auuuaauUagaugucgcu.....	1	1	c02
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.....aCuuaaugagaugucgcu.....	1	1	c02
.....auuuaaugagauguAgcu.....	2	1	c02
.....auuuaaCgagaugucgcu.....	1	1	c02
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.....auuuaaugagaugucgcuU.....	95	1	c02
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.....auuuaaugagaugucgcuaUu.....	1	1	c02
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.....uuuaaugagaugucgcuU.....	102	1	c02
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.....uuaaugagaugucgcuaU.....	1	1	c02
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.....ccacaacucauuaaacugg.....	37	0	c02
.....ccacaCcucauuaaacugg.....	1	1	c02

Mature Star

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.....................................................ccaGaacucauuaaaacugga..... 1   1  c02
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.....................................................ccacUacucauuaaaacuggau..... 1   1  c02
.....................................................ccacaacucauuaaaAuggau..... 2   1  c02
.....................................................ccCcaacucauuaaaacuggau..... 1   1  c02
.....................................................ccacaCcucauuaaaacuggau..... 4   1  c02
.....................................................ccacaacAcauuaaaacuggau..... 1   1  c02
.....................................................ccacaacucauuaaaacuggau..... 490 0  c02
.....................................................ccacaacucauuaaaacuUgau..... 2   1  c02
.....................................................ccacCacucauuaaaacuggau..... 2   1  c02
.....................................................ccacaaUucauuaaaacuggau..... 1   1  c02
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.....................................................ccacaacucauuUaaacuggau..... 1   1  c02
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.....................................................ccGcaacucauuaaaacuggaug..... 2   1  c02
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.....................................................ccacaacucauuaaaacuggaAg..... 1   1  c02
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.....................................................aacucauuaaaacCggaug..... 1   1  c02

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..................uuucaauuuaaugagaugucgcu............................................................ 1   0  c15
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..................uucaauuuaaugagaugucgU.............................................................. 1   1  c15
..................uucaauuuaaugagaugucgA.............................................................. 2   1  c15
..................uucaauuuaaugUgaugucgc.............................................................. 2   1  c15
..................uucaauuuaaugagaugucAc.............................................................. 1   1  c15
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Mature Star

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.....uucaaAuuaaugagaugucgc.....	1	1 c15
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.....uucaauuuaaugagaugucgUu.....	1	1 c15
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.....uucaauuuaauCagaugucgcu.....	1	1 c15
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.....uucaauuuaaugagaugucgcG.....	2	1 c15
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.....uucaauuuaaugagaugucgcuaUu.....	14	1 c15
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Mature Star

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.....ccacaacucauuaaacuggaC.....	6	1	c15
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.....ccacaacucauAaaacuggau.....	2	1	c15
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.....cacaacucauuaaacugga.....	1	0	c15
.....cacaacucauuaaacuggau.....	23	0	c15
.....cacaacucauuaaacuggaGg.....	1	1	c15
.....cacaacucauuaaacuggauU.....	1	1	c15
.....cacaacucauuaaacuggaug.....	138	0	c15
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.....cacaacucauuaaacuggauA.....	1	1	c15

Mature Star

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.....cacaaGucauuaaaacuggaug.....	1	1	c15
.....cacCacucauuaaaacuggaug.....	1	1	c15
.....cacaacAcauuaaaacuggaug.....	1	1	c15
.....acaacucauuaaaacuggau.....	1	0	c15
.....acaacucauuaaaacuggaug.....	4	0	c15
.....caacucauuaaaacuggau.....	1	0	c15
.....caacucauuGaacuggaug.....	1	1	c15
.....caacucauuaaaacuggaug.....	6	0	c15
.....aacucauuaaaacuggaug.....	1	0	c15
.....acucauuaaaacuggaugc.....	1	0	c15
.....gcuuucaauuuaaugagaugucgcu.....	1	0	c16
.....gGuuucaauuuaaugagaugucgcu.....	1	1	c16
.....uuucaauuuaaugagaugucgcu.....	4	0	c16
.....Cuucaauuuaaugagaugucgcu.....	1	1	c16
.....uucaauuuaaugagaugu.....	10	0	c16
.....uucaauuuaaugagauCu.....	1	1	c16
.....Gucaauuuaaugagaugu.....	1	1	c16
.....uucaauuuaaugagauguc.....	86	0	c16
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.....uucaauuuaaugaUaugucg.....	1	1	c16
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.....uucaUuuuaaugagaugucgc.....	1	1	c16
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.....uucaauuuaaugagauCucgcu.....	28	1	c16
.....uucaauuuaauCagaugucgcu.....	17	1	c16
.....uucaauuuaaugagaugucCcu.....	2	1	c16
.....uucaauuuaaugagaugucgAu.....	16	1	c16
.....uucaauuuaaugagaugAcgcu.....	6	1	c16
.....uucaauuuaGugagaugucgcu.....	1	1	c16
.....uucaauCuaaugagaugucgcu.....	1	1	c16
.....uucaauuuaCugagaugucgcu.....	1	1	c16
.....uuUaauuuaaugagaugucgcu.....	3	1	c16
.....uucaauuuaaugUgaugucgcu.....	1	1	c16

Mature Star

aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuaccccauuuagccacaacucauuaaaacuggaugcgaaguauguuuaugguacaucggaaucaaa

.....Cucaauuuaaugagaugucgcu.....	6	1	c16
.....uuAaauuuaaugagaugucgcu.....	9	1	c16
.....uucUauuuaaugagaugucgcu.....	1	1	c16
.....uucaauuuaaAgagaugucgcu.....	7	1	c16
.....uucaauuuaaugagauguAgcu.....	13	1	c16
.....uucaauuuaaugagaugucgcC.....	5	1	c16
.....uucaauuuaaugagCugucgcu.....	6	1	c16
.....uucaauuuaaugagaugucgcA.....	6	1	c16
.....uuGaauuuaaugagaugucgcu.....	4	1	c16
.....uucaauuuaaugagaugucgUu.....	2	1	c16
.....uucaauuuaaugagauguGgcu.....	3	1	c16
.....uucaauuAaaugagaugucgcu.....	7	1	c16
.....uucaauuuaaugagaugucUcu.....	12	1	c16
.....uucaauuuaaGgagaugucgcu.....	1	1	c16
.....uucaauuuaaugagauAucgcu.....	3	1	c16
.....uucaauuuUaugagaugucgcu.....	1	1	c16
.....Gucaauuuaaugagaugucgcu.....	1083	1	c16
.....uucaauuuaUugagaugucgcu.....	2	1	c16
.....uucaauAuaaugagaugucgcu.....	8	1	c16
.....uucaauuuaaugagaugucgcG.....	1	1	c16
.....uucaauuuaaugagaugucgcu.....	8067	0	c16
.....uucaauuuaaugaUaugucgcu.....	2	1	c16
.....uucaauuuaaugagaCgucgcu.....	1	1	c16
.....uucaUuuuaaugagaugucgcu.....	2	1	c16
.....uucaauuuaaugagauguUgcu.....	10	1	c16
.....uucaaCuuaaugagaugucgcu.....	2	1	c16
.....uucaauuuaauUagaugucgcu.....	3	1	c16
.....uucaauuuaaugagGugucgcu.....	1	1	c16
.....uucaauuuaaugaCaugucgcu.....	6	1	c16
.....uucaauuCaaugagaugucgcu.....	1	1	c16
.....uucaauuuaaugagaugucgGu.....	2	1	c16
.....uucaauuuGaugagaugucgcu.....	4	1	c16
.....uucaaAuuaaugagaugucgcu.....	6	1	c16
.....uGcaauuuaaugagaugucgcu.....	1	1	c16
.....uucaaGuuaaugagaugucgcu.....	2	1	c16
.....uucaauuuaaugCgaugucgcu.....	2	1	c16
.....uucaauuuaaugagaAgucgcu.....	4	1	c16
.....uucaauuuaaugagauUucgcu.....	5	1	c16
.....Gucaauuuaaugagaugucgcua.....	17	1	c16
.....uucaauuuaaugagaugucgcGa.....	1	1	c16
.....uucaauuuaauUagaugucgcua.....	1	1	c16
.....uucaauuuaaugagaugucgcuU.....	773	1	c16
.....uucaauuuaaugagaugucgcuC.....	21	1	c16
.....uucaauuuaaugagaugucgcuG.....	10	1	c16
.....uucaauuuaaAgagaugucgcua.....	1	1	c16
.....uucaauuuaaugagaugucgcua.....	154	0	c16
.....uucaauuuaaugagauCucgcua.....	1	1	c16
.....uucaauuuaaugagaugucgcuaU.....	37	1	c16
.....uucaauuuaaugagaugucgcuUg.....	4	1	c16
.....uucaauuuaaugagaugucgcuGg.....	1	1	c16
.....uucaauuuaaugagaugucgcuaA.....	25	1	c16
.....uucaauuuaaugagaugucgcuaUu.....	4	1	c16
.....uucaauuuaaugagaugucgcuaAu.....	1	1	c16
.....uucaauuuaaugagaugucgcuUgu.....	1	1	c16
.....ucaauuuaaugagauguc.....	1	0	c16
.....ucaauuuaaugagaugucg.....	1	0	c16
.....ucaauuuaaugagaugucgc.....	8	0	c16
.....ucaauuuaaugagaGgucgcu.....	1	1	c16
.....Gcaauuuaaugagaugucgcu.....	12	1	c16
.....ucaauAuaaugagaugucgcu.....	1	1	c16
.....ucaauuuaauCagaugucgcu.....	3	1	c16
.....ucaauuuaaugagaugucgAu.....	1	1	c16
.....ucaauuuaaugagaugucgcu.....	132	0	c16
.....ucaauuuaaugagauCucgcu.....	1	1	c16
.....ucaauuuaaugagaugucgcuU.....	7	1	c16
.....ucaauuuaaugagaugucgcuaA.....	1	1	c16
.....caauuuaaugagaugucgc.....	2	0	c16
.....caauuuaaugagaugucgcu.....	8	0	c16
.....caauuuaaugagaugucgcua.....	1	0	c16
.....caauuuaaugagaugucgcuag.....	5	0	c16

Mature Star

aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuaccccauuuagccacaacucauuaaaacuggaugcgaaguauguuuaugguacaucggaaucaaa

.....caauuuaaugagaugucgcuagu.....	1	0	c16
.....aauuuaaugagaugucgc.....	5	0	c16
.....aauuuaaugagaugucgcu.....	33	0	c16
.....aauuuaaugGgaugucgcu.....	1	1	c16
.....Cauuuaaugagaugucgcu.....	1	1	c16
.....aauuuaaugagaugucgcua.....	1	0	c16
.....aauuuaaugagaugucgcuU.....	4	1	c16
.....aauuuaaugagaugucgcuag.....	2	0	c16
.....auuuaaugCgaugucgcu.....	1	1	c16
.....auuuaaugagauguAgcu.....	2	1	c16
.....Guuuaaugagaugucgcu.....	1	1	c16
.....auuuaaugagaugucgcu.....	397	0	c16
.....auuuaaugagaugucgcA.....	1	1	c16
.....auuuaaugagauguGgcu.....	1	1	c16
.....auuuGaugagaugucgcu.....	1	1	c16
.....auuuaaugagaAgucgcu.....	1	1	c16
.....Cuuuaaugagaugucgcu.....	22	1	c16
.....auuuaaugagaugucgcuU.....	42	1	c16
.....auuuaaugagaugucgcuG.....	1	1	c16
.....auuuaaugagaugucgcuC.....	1	1	c16
.....Cuuuaaugagaugucgcua.....	1	1	c16
.....auuuaaugagaugucgcua.....	8	0	c16
.....auuuaaugagaugucgcuaU.....	1	1	c16
.....auuuaaugagaugucgcuag.....	1	0	c16
.....auuuaaugagaugucgcuaA.....	2	1	c16
.....uuuaaugagaugucgcAa.....	1	1	c16
.....Guuaaugagaugucgcua.....	1	1	c16
.....uuuaaugagaugucgcuU.....	53	1	c16
.....uuuaaugagaugucgcua.....	13	0	c16
.....uuuaaugagaugucgcuC.....	2	1	c16
.....uuuaaugagaugucgcuaA.....	2	1	c16
.....uuuaaugagaugucgcuaU.....	3	1	c16
.....uuuaaugagaugucgcuUg.....	1	1	c16
.....uuuaaugagaugucgcuUgu.....	1	1	c16
.....uuuaaugagaugucgcuaguuC.....	1	1	c16
.....uuaaugagaugucgcuaU.....	3	1	c16
.....uuaaugagaugucgcuag.....	1	0	c16
.....uuaaugagaugucgcuaA.....	1	1	c16
.....uuaaugagaugucgcuUg.....	1	1	c16
.....agccacaacucauuaaacugga.....	5	0	c16
.....agccacaacucauuaaacuggU.....	1	1	c16
.....Cgccacaacucauuaaacugga.....	1	1	c16
.....ccacaacucauuaaacug.....	1	0	c16
.....ccCcaacucauuaaacugg.....	1	1	c16
.....ccacaacucauuaaacuCg.....	1	1	c16
.....ccacaacucauuaaacugg.....	20	0	c16
.....ccacaacucauuaaacugga.....	35	0	c16
.....ccacaacucauuaCacuggau.....	1	1	c16
.....ccacaacucauAaaacuggau.....	1	1	c16
.....ccacaacuAauuaaacuggau.....	1	1	c16
.....ccacaacucauuaaacGggau.....	1	1	c16
.....ccacaacucaAuaaacuggau.....	1	1	c16
.....ccacaGcucauuaaacuggau.....	1	1	c16
.....ccacaacucauuaGacuggau.....	1	1	c16
.....ccacaCcucauuaaacuggau.....	3	1	c16
.....ccacCacucauuaaacuggau.....	5	1	c16
.....ccacaacucauuaaacuggau.....	486	0	c16
.....ccacaacucauuaaUcuggau.....	1	1	c16
.....cAacaacucauuaaacuggau.....	1	1	c16
.....ccacaacucauuUaacuggau.....	1	1	c16
.....ccCcaacucauuaaacuggau.....	1	1	c16
.....ccacaacucauuaaacuggaA.....	3	1	c16
.....ccacaacuUauuaaacuggau.....	1	1	c16
.....ccacaacucauuaaacuCgau.....	3	1	c16
.....ccacaacucauuaaacuCgaug.....	5	1	c16
.....ccacaacucauuaaacAggaug.....	1	1	c16
.....ccacaacucaGuaaacuggaug.....	1	1	c16
.....ccacaacucauuaaacugCaug.....	4	1	c16
.....cAacaacucauuaaacuggaug.....	1	1	c16
.....cUacaacucauuaaacuggaug.....	2	1	c16

Mature Star

aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuaccccccauuuagccacaacucauuaaaacuggaugcgaaguauguuuaugguacaucggaaucaaa

.....ccacaacucauuaaaacuggGug.....	1	1	c16
.....ccacaacucauuaCacuggaug.....	1	1	c16
.....ccacaacucauuaaaacuggauU.....	2	1	c16
.....ccaAaacucauuaaaacuggaug.....	2	1	c16
.....ccacaacAcauuaaaacuggaug.....	2	1	c16
.....ccacaacucauuaaaacuggaug.....	827	0	c16
.....ccacaacucauuaaacugUaug.....	2	1	c16
.....ccacaacucauuaaacCggaug.....	2	1	c16
.....ccacaacucauuaaacuggauA.....	6	1	c16
.....ccaUaacucauuaaacuggaug.....	1	1	c16
.....ccacaCcucauuaaacuggaug.....	4	1	c16
.....ccacaacucauuaaacuggauC.....	4	1	c16
.....ccacaaAucauuaaacuggaug.....	2	1	c16
.....ccacaacucauuaaaAuggaug.....	4	1	c16
.....ccacaacucaAuaaacuggaug.....	3	1	c16
.....ccacaacucauuaaacuggaugG.....	3	1	c16
.....ccacaacucauuaaacuggaugU.....	9	1	c16
.....ccacaacucauuaaacuggaugc.....	4	0	c16
.....ccacaacucauuaaacuggaugA.....	6	1	c16
.....cacaacucauuaaacugg.....	1	0	c16
.....cacaacucauuaaacuggau.....	2	0	c16
.....cacaacucauuaaacuggaug.....	10	0	c16
.....acaacucauuaaacuggau.....	1	0	c16
.....caacucauuaaacuggaug.....	1	0	c16

.....uucaauuuaaugagaugu.....	2	0	c04
.....Aucaauuuaaugagaugu.....	1	1	c04
.....Gucaauuuaaugagaugu.....	2	1	c04
.....uucaauuuaaugagauguc.....	16	0	c04
.....uuUaauuuaaugagauguc.....	1	1	c04
.....Gucaauuuaaugagaugucg.....	3	1	c04
.....uucaauuuaaugagaugucg.....	15	0	c04
.....uucaauuuaaugagauguUg.....	1	1	c04
.....Cucaauuuaaugagaugucgc.....	1	1	c04
.....Gucaauuuaaugagaugucgc.....	4	1	c04
.....uucaauuuaaugagaugucgc.....	56	0	c04
.....uucaauuuaauUagaugucgc.....	1	1	c04
.....uAcaauuuaaugagaugucgcu.....	1	1	c04
.....uucaauuuaaugagaGgucgcu.....	1	1	c04
.....uucaauuuaauCagaugucgcu.....	2	1	c04
.....uucaauuuaaugagaugGcgcu.....	1	1	c04
.....uucaauuuaaugagauCucgcu.....	3	1	c04
.....uucaauuAaaugagaugucgcu.....	1	1	c04
.....Aucaauuuaaugagaugucgcu.....	2	1	c04
.....uucaauuuaaugagaugucgcA.....	1	1	c04
.....uucaauuuGaugagaugucgcu.....	1	1	c04
.....uucaauuuaaugagaugucgcu.....	741	0	c04
.....uucaauuuaaGgagaugucgcu.....	1	1	c04
.....uucaauuuaaugagaugucUcu.....	1	1	c04
.....Gucaauuuaaugagaugucgcu.....	57	1	c04
.....uucaauuuaaugagaugucgcua.....	91	0	c04
.....uucaauGuaaugagaugucgcua.....	1	1	c04
.....uucaauuuaaugagaugucgcuU.....	41	1	c04
.....Aucaauuuaaugagaugucgcua.....	1	1	c04
.....uucaauuuaaCgagaugucgcua.....	1	1	c04
.....Gucaauuuaaugagaugucgcua.....	6	1	c04
.....uucaauuuaaugagaugucgcuC.....	4	1	c04
.....uucaauuuaaugagaugucgcAa.....	1	1	c04
.....uucaauuuaaugagaugucgcCa.....	1	1	c04
.....uucaauuuaaugagaugucgcuUg.....	1	1	c04
.....uucaauuuaaugagaugucgcuaA.....	37	1	c04
.....uucaauuuaaugagaugucgcuaU.....	12	1	c04
.....uucaauuuaaugagaugucgcuaUu.....	1	1	c04
.....uucaauuuaaugagaugucgcuaguu.....	1	0	c04
.....uucaauuuaaugagaugucgcuagAuu.....	1	1	c04
.....ucaauuuaaugagaugucg.....	1	0	c04
.....Gcaauuuaaugagaugucgcu.....	2	1	c04
.....ucaauuuaaugagaugucgcu.....	10	0	c04
.....ucaauuuaaugagaugucgcua.....	1	0	c04
.....caauuuaaugagaugucgcua.....	1	0	c04

Mature Star

aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuaccccauuuagccacaacucauuaaaacuggaugcgaaguauguuuaugguacaucggaaucaaa

.....caauuuaaugagaugucgcuC.....	1	1	c04
.....aauuuaaugagaugucgcu.....	3	0	c04
.....Uauuuaaugagaugucgcua.....	1	1	c04
.....aauuuaaugagaugucgcuC.....	1	1	c04
.....aCuuaaugagaugucgcu.....	1	1	c04
.....Cuuuaaugagaugucgcu.....	3	1	c04
.....auuuaaugagaugucgcu.....	62	0	c04
.....Uuuuaaugagaugucgcu.....	1	1	c04
.....auuuaaugagaugucgcua.....	5	0	c04
.....auuuaaugagaugucgcuU.....	2	1	c04
.....auuuaaugagaugucgcuaA.....	3	1	c04
.....auuuaaugagaugucgcuag.....	1	0	c04
.....uuuaaugagaugucgcua.....	5	0	c04
.....uuuaaugagaugucgcuU.....	2	1	c04
.....uuuaaugagaugucgcuaA.....	2	1	c04
.....uuuaaugagaugucgcuGg.....	2	1	c04
.....uuaaugagaugucgcuaA.....	3	1	c04
.....agccacaacucauuaaac.....	1	0	c04
.....ccacaacucauuaaacug.....	3	0	c04
.....ccacaacucauuaaacugg.....	8	0	c04
.....ccacaacucauuaaacugga.....	16	0	c04
.....ccacaacucauuaaacuggU.....	1	1	c04
.....ccacaacucauuaaacuCga.....	1	1	c04
.....ccacaacucaAuaaacuggau.....	1	1	c04
.....ccacaacAcauuaaacuggau.....	1	1	c04
.....ccacaacucauuaaacuggau.....	59	0	c04
.....ccacaacucauuaaacuggauU.....	2	1	c04
.....ccacCacucauuaaacuggaug.....	1	1	c04
.....ccacaacucCuuaaacuggaug.....	1	1	c04
.....ccacaacucauuaaacugUaug.....	1	1	c04
.....ccacaacuAauuaaacuggaug.....	1	1	c04
.....ccacaacucauuaaacugCaug.....	1	1	c04
.....ccacaacucauuaaacuggauA.....	3	1	c04
.....ccacaacucauuaaacuggaug.....	301	0	c04
.....ccacaacucauuaaacuCgaug.....	1	1	c04
.....ccacaacucaAuaaacuggaug.....	1	1	c04
.....ccacaacucauuaaacuggaugU.....	2	1	c04
.....ccacaacucauuaaacuggaugG.....	1	1	c04
.....ccacaacucauuaaacuggaugc.....	1	0	c04
.....ccacaacucauuaaacuggaugA.....	2	1	c04
.....cacaacucauuaaacuggau.....	1	0	c04
.....cacaacucauuaaacuggaug.....	2	0	c04
.....aacucauuaaacuggaug.....	1	0	c04

.....Auuucaauuuaaugagaugucgcu.....	1	1	c09
.....uuucaauuuaaugagaugucgc.....	1	0	c09
.....uuucaauuuaaugagaugucgcu.....	1	0	c09
.....uucaauuuaaugagaugu.....	7	0	c09
.....uucaauuuaaugaCauguc.....	1	1	c09
.....uucaauuuaaugagauguc.....	37	0	c09
.....Gucaauuuaaugagauguc.....	1	1	c09
.....Gucaauuuaaugagaugucg.....	4	1	c09
.....uucaauuuaaugagaugucg.....	24	0	c09
.....uucaauuuaaugagauguAgc.....	1	1	c09
.....uucaauuuaaugagGugucgc.....	1	1	c09
.....uucaauuuaaugagauCucgc.....	1	1	c09
.....Aucaauuuaaugagaugucgc.....	3	1	c09
.....uucaauuuaaugagaugucgU.....	2	1	c09
.....uucaauuuaaugagaugucgc.....	190	0	c09
.....uucaauuuaaugagaugucCc.....	1	1	c09
.....Gucaauuuaaugagaugucgc.....	21	1	c09
.....uucaauuuaaugagaugucgcC.....	2	1	c09
.....Gucaauuuaaugagaugucgcu.....	181	1	c09
.....uucaauuuaaugagauCucgcu.....	5	1	c09
.....uucaauuuaaugagaugucgAu.....	1	1	c09
.....uucaauuuaaugGgaugucgcu.....	1	1	c09
.....uucaauuuaaugagaAgucgcu.....	1	1	c09
.....uucaauAuaaugagaugucgcu.....	3	1	c09
.....uucaauuuaaugagaugAcgcu.....	3	1	c09
.....uucaauuuaaugagauAucgcu.....	2	1	c09

Mature Star

aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuaccccccauuuagccacaacucauuaaaacuggaugcgaaguauguuuaugguacaucggaaucaaa

.....uucaCuuuaaugagaugucgcu.....	1	1	c09
.....uucaauuuaaugCgaugucgcu.....	1	1	c09
.....uucaauuuaauUagaugucgcu.....	1	1	c09
.....uucaauuuaaugagaCgucgcu.....	1	1	c09
.....uucaauuuaaugagauUucgcu.....	3	1	c09
.....uucaauuuaaugagaugGcgcu.....	1	1	c09
.....uucaauuCaaugagaugucgcu.....	1	1	c09
.....uucaauuuaaugagauguUgcu.....	1	1	c09
.....uuUaauuuaaugagaugucgcu.....	1	1	c09
.....uucaaAuuaaugagaugucgcu.....	2	1	c09
.....Aucaauuuaaugagaugucgcu.....	16	1	c09
.....uucaauuuaaugagauguAgcu.....	1	1	c09
.....uucaauuuaaugagGugucgcu.....	1	1	c09
.....uucaauuuaauCagaugucgcu.....	2	1	c09
.....uucaauuuaaugagaugucAcu.....	1	1	c09
.....uucaauuuaaugagaugucgcu.....	1928	0	c09
.....uucaauuuaaugaUaugucgcu.....	1	1	c09
.....uucaauuuaaugagaugucgcuU.....	175	1	c09
.....uucaauuuaaugagaugucgcuC.....	5	1	c09
.....Gucaauuuaaugagaugucgcua.....	3	1	c09
.....uucaauuuaaugagaugucgcuG.....	7	1	c09
.....uucaauuuaaugagaugucgcua.....	42	0	c09
.....uucaauuuaaugagaugucgcuaU.....	11	1	c09
.....uucaauuuaaugagaugucgcuag.....	1	0	c09
.....uucaauuuaaugagaugucgcuaC.....	1	1	c09
.....uucaauuuaaugagaugucgcuaA.....	6	1	c09
.....uucaauuuaaugagaugucgcuaUu.....	1	1	c09
.....uucaauuuaaugagaugucgcuaguu.....	1	0	c09
.....uucaauuuaaugagaugucgcuagGuu.....	1	1	c09
.....ucaauuuaaugagaugucgcu.....	34	0	c09
.....Gcaauuuaaugagaugucgcu.....	3	1	c09
.....caauuuaaugagaugucg.....	1	0	c09
.....caauuuaaugagaugucgcu.....	2	0	c09
.....caauuuaaugagaugucgcuag.....	2	0	c09
.....aauuuaaugagaugucgcu.....	20	0	c09
.....aauuuaaugagaugucgcua.....	1	0	c09
.....aauuuaaugagaugucgcuU.....	2	1	c09
.....aauuuaaugagaugucgcuaA.....	1	1	c09
.....auuuaaugagauCucgcu.....	1	1	c09
.....auuuaaugagaugucgcC.....	1	1	c09
.....auuuaaugaUaugucgcu.....	1	1	c09
.....auuuaauCagaugucgcu.....	1	1	c09
.....Cuuuaaugagaugucgcu.....	4	1	c09
.....auuGaaugagaugucgcu.....	1	1	c09
.....auuuaaugagaugucgcu.....	399	0	c09
.....auuuaaugagaugucgAu.....	1	1	c09
.....auuuaaugagaugucgcuU.....	31	1	c09
.....auuuaaugagaugucgcuG.....	5	1	c09
.....auuuaaugagaugucgcua.....	11	0	c09
.....auuuaaugagaugucgcuC.....	2	1	c09
.....auuuaaugagaugucgcuGg.....	1	1	c09
.....auuuaaugagaugucgcuaA.....	1	1	c09
.....auuuaaugagaugucgcuaU.....	3	1	c09
.....auuuaaugagaugucgcuUg.....	1	1	c09
.....uuuaaugagaugucgcuU.....	39	1	c09
.....Guuaaugagaugucgcua.....	1	1	c09
.....uuuaaugagaugucgcua.....	9	0	c09
.....uuuaaugagaugucgcuC.....	2	1	c09
.....uuuaaugagaugucgcuaU.....	1	1	c09
.....uuuaaugagaugucgcuaA.....	4	1	c09
.....uuuaaugagaugucgcuGg.....	1	1	c09
.....uuaaugagaugucgcuGg.....	1	1	c09
.....uuaaugagaugucgcuaU.....	1	1	c09
.....uuaaugagaugucgcuaUu.....	1	1	c09
.....agccacaacucauuaaacugga.....	4	0	c09
.....Cccacaacucauuaaacu.....	1	1	c09
.....ccacaacucauuaaacug.....	19	0	c09
.....ccacaacucauuaaacugg.....	59	0	c09
.....ccacaacAcauuaaacugg.....	1	1	c09
.....ccacaacucauuaaacuggU.....	1	1	c09

Mature Star

aagggaacaguaacuuagcuuucaauuuaaugagaugucgcuaguuuaccccauuuagccacaacucauuaaaacuggaugcgaaguauguuuaugguacaucggaaucaaa

.....ccacCacucauuaaaacugga.....	1	1	c09
.....cGacaacucauuaaaacugga.....	1	1	c09
.....ccacaacucauuaaaacuggC.....	2	1	c09
.....ccacaacucauuaaaacugga.....	67	0	c09
.....ccacaaAucauuaaaacuggau.....	1	1	c09
.....ccacaacucauuaaaacuggau.....	644	0	c09
.....cAacaacucauuaaaacuggau.....	1	1	c09
.....ccacaacucauuaaCcuggau.....	2	1	c09
.....ccacaacucauuaUacuggau.....	1	1	c09
.....ccacaCcucauuaaaacuggau.....	1	1	c09
.....ccacaacucauuaaacuCgau.....	2	1	c09
.....ccacaacucauuaCacuggau.....	1	1	c09
.....ccacCacucauuaaacuggau.....	3	1	c09
.....ccaAaacucauuaaacuggau.....	1	1	c09
.....ccacaacucauAaaacuggau.....	1	1	c09
.....ccacaacucaAuaaacuggau.....	1	1	c09
.....ccacaacucauuaaacuggaA.....	2	1	c09
.....ccacaacucauuaaacuggGu.....	1	1	c09
.....ccCcaacucauuaaacuggau.....	2	1	c09
.....ccacaacucauuaaacuggauC.....	2	1	c09
.....ccacaacucauuaaacugCaug.....	2	1	c09
.....ccacaacucauuaaaUuggaug.....	1	1	c09
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.....ccacaacucauuaUacuggaug.....	1	1	c09
.....ccacaaAucauuaaacuggaug.....	2	1	c09
.....ccacaacuAauuaaacuggaug.....	1	1	c09
.....ccacCacucauuaaacuggaug.....	2	1	c09
.....cAacaacucauuaaacuggaug.....	2	1	c09
.....ccacaacucauuaCacuggaug.....	1	1	c09
.....ccacaacucaAuaaacuggaug.....	1	1	c09
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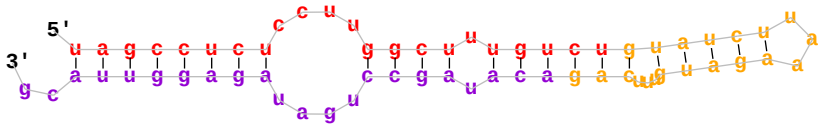
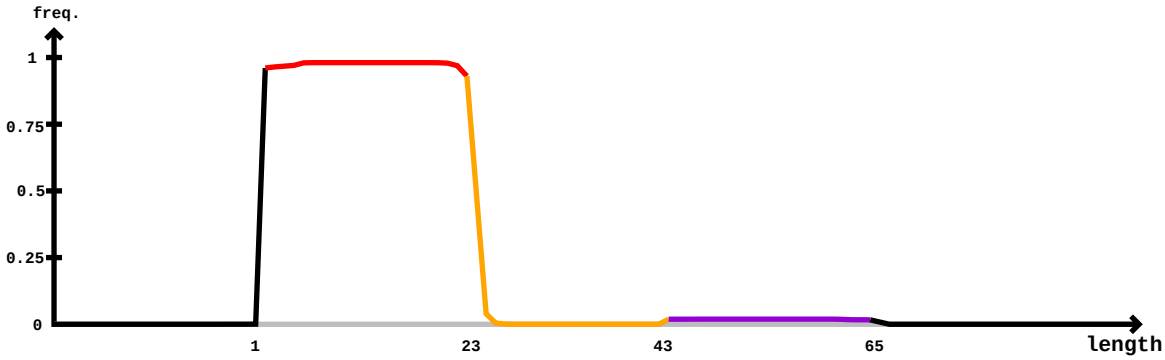
.....ccacaGcucauuaaacuggaug.....	1	1	c09
.....cUacaacucauuaaacuggaug.....	2	1	c09
.....ccacaacucauuaaacuggauA.....	2	1	c09
.....ccacaacucauuaGacuggaug.....	1	1	c09
.....ccacaacucauuaaacuggauU.....	6	1	c09
.....ccacaacAcauuaaacuggaug.....	1	1	c09
.....ccacaacucauuaaaAuggaug.....	1	1	c09
.....ccacaCcucauuaaacuggaug.....	4	1	c09
.....ccacaacucauuaaacuggaug.....	964	0	c09
.....ccacaacucauuaaacuggaugU.....	8	1	c09
.....ccacaacucauuaaacuggaugG.....	6	1	c09
.....ccacaacucauuaaacuggaugA.....	9	1	c09
.....ccacaacucauuaaacuggauCc.....	1	1	c09
.....ccacaacucauuaaacuggaugc.....	2	0	c09
.....ccacaacucauuaaacuggaugcC.....	1	1	c09
.....cacaacucauuaaacuggau.....	3	0	c09
.....cacaacucauuaaacuggaug.....	5	0	c09
.....cacaacucauuaaacuggaugA.....	1	1	c09
.....acaacucauuaaacuggaug.....	2	0	c09
.....caacucauuaaacuggau.....	2	0	c09
.....caacucauuaaacuggaug.....	5	0	c09
.....aaGucauuaaacuggaug.....	1	1	c09

Provisional ID	:	group20_30586
Score total	:	8453.2
Score for star read(s)	:	3.9
Score for read counts	:	8442.8
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	16572
Mature read count	:	16254
Loop read count	:	0
Star read count	:	318





Mature **Star**

```
5'- ccuccacagggauguugaccuagccucuccuuggcuuugucuguaucuuaaagauguuucagacauagccugauagagguuacguuuagucccagugucacaacggaaaga -3'    obs
    ccuccacagggauguugaccuagccucuccuuggcuuugucuguaucuuaaagauguuucagacauagccugauagagguuacguuuagucccagugucacaacggaaaga      exp
    ....(((.((((((...(((.(((((((((....((((.((((((((((...))))))...))))))).))))....)))))))).)))..))))))..)))..............  reads      mm         sample
    ....................uagccucuccuuggcuuuguc.....................................................................  5          0          c15
    ....................uagccucuccuuggcuuuguU.....................................................................  1          1          c15
    ....................uagccucuccuuggcuuugucA.....................................................................  3          1          c15
    ....................uagccucuccuuggcuuugucu.....................................................................  84         0          c15
    ....................uagccucuccuuggcuuugucuU.....................................................................  2          1          c15
    ....................uagccucAccuuggcuuugucug.....................................................................  1          1          c15
    ....................uagccucuccuuggcuuugucuA.....................................................................  1          1          c15
    ....................uagccucuccuuggcuuugucug.....................................................................  41         0          c15
    ....................uagccucuccuuggcuuugucugu.....................................................................  11         0          c15
    ....................uagccucuccuuggcuuugucugG.....................................................................  1          1          c15
    ....................uagccucuccuuggcuuugucugA.....................................................................  4          1          c15
    ....................uagccucuccuuggcuuugucuguUu.....................................................................  1          1          c15
    ....................agccucuccuuggcuuugucug.....................................................................  6          0          c15
    ....................agccucuccuuggcuuugucugu.....................................................................  1          0          c15
    ......................cucuccuuggcuuugucu.....................................................................  1          0          c15
    ......................cucuccuuggcuuugucuU.....................................................................  1          1          c15

    ....................uagccucuccuuggcuuu.....................................................................  2          0          c02
    ....................uagccucuccuuggcuuug.....................................................................  12         0          c02
    ....................Gagccucuccuuggcuuug.....................................................................  3          1          c02
    ....................uagccucuUcuuggcuuug.....................................................................  1          1          c02
    ....................uagccucuccuuggcuuugu.....................................................................  100        0          c02
    ....................Gagccucuccuuggcuuugu.....................................................................  4          1          c02
    ....................uagAcucuccuuggcuuugu.....................................................................  1          1          c02
    ....................uagccucuccuuggAuuuguc.....................................................................  1          1          c02
    ....................uagccucuccuuggcuuuguc.....................................................................  325        0          c02
    ....................uCgccucuccuuggcuuuguc.....................................................................  1          1          c02
    ....................uaUccucuccuuggcuuuguc.....................................................................  1          1          c02
    ....................uagccucuccuuggcuuugCc.....................................................................  1          1          c02
    ....................Aagccucuccuuggcuuuguc.....................................................................  2          1          c02
    ....................uagccucuccuuggcuuuguA.....................................................................  2          1          c02
    ....................uagccucucAuuggcuuuguc.....................................................................  1          1          c02
    ....................uagcAucuccuuggcuuuguc.....................................................................  1          1          c02
```

Mature Star

ccuccacagggauguugaccuagccucuccuuggcuuugucuguaucuuaaagauguuucagacauagccugauagagguuacguuuagucccagugucacaacggaaaga

.....uagccucuccuuggcuuuguU.....	1	1	c02
.....Gagccucuccuuggcuuuguc.....	25	1	c02
.....uagccucuccuugAcuuugucu.....	2	1	c02
.....uagUcucuccuuggcuuugucu.....	3	1	c02
.....Aagccucuccuuggcuuugucu.....	13	1	c02
.....uagccucuccGuggcuuugucu.....	5	1	c02
.....uagccucuccuuggUuuugucu.....	4	1	c02
.....Cagccucuccuuggcuuugucu.....	2	1	c02
.....uagccucuccuuUgcuuugucu.....	2	1	c02
.....uagccucuccuuggcuuuguAu.....	3	1	c02
.....uagccucuccuuggcuuugCcu.....	3	1	c02
.....uagccucuccuuggGuuugucu.....	2	1	c02
.....uagccucuccuuggcuuugucA.....	8	1	c02
.....uagccucuccuuCgcuuugucu.....	4	1	c02
.....uagccucuUcuuggcuuugucu.....	3	1	c02
.....uagccucuccuuggcuuuCucu.....	2	1	c02
.....uCgccucuccuuggcuuugucu.....	7	1	c02
.....uagccucuccuAggcuuugucu.....	1	1	c02
.....uagccucucUuuggcuuugucu.....	2	1	c02
.....uagccucuccuCggcuuugucu.....	2	1	c02
.....uagccucuAcuuggcuuugucu.....	5	1	c02
.....uagccucuccuuggcuGugucu.....	4	1	c02
.....uagccucuccuugCcuuugucu.....	2	1	c02
.....uagGcucuccuuggcuuugucu.....	1	1	c02
.....uagccucuccuuggcuuuAucu.....	1	1	c02
.....uagccucuccuuggcuuugGcu.....	1	1	c02
.....uagccCcuccuuggcuuugucu.....	2	1	c02
.....uagccucuccuuggcGuugucu.....	5	1	c02
.....uagccucuccuuggcuuGgucu.....	1	1	c02
.....uagccucuccuuggcCuugucu.....	1	1	c02
.....uagccucuccuuggcuuuUucu.....	1	1	c02
.....uagccucuccAuggcuuugucu.....	3	1	c02
.....uagcGucuccuuggcuuugucu.....	1	1	c02
.....uGgccucuccuuggcuuugucu.....	5	1	c02
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.....uagccucuccuuggcuuAgucu.....	1	1	c02
.....uagccAcuccuuggcuuugucu.....	4	1	c02
.....uagccucAccuuggcuuugucu.....	1	1	c02
.....uagccucucGuuggcuuugucu.....	10	1	c02
.....uagccucuccuuggcuuugAcu.....	1	1	c02
.....uagccucuccuuggcuuugucC.....	2	1	c02
.....Gagccucuccuuggcuuugucu.....	319	1	c02
.....uaAccucuccuuggcuuugucu.....	1	1	c02
.....uUgccucuccuuggcuuugucu.....	2	1	c02
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.....uagccucuccuuAgcuuugucu.....	3	1	c02
.....uagccucuccuuggcuAugucu.....	1	1	c02
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.....uagAcucuccuuggcuuugucu.....	7	1	c02
.....uagccucuccuuggcuuCgucu.....	4	1	c02
.....uagcAucuccuuggcuuugucu.....	4	1	c02
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.....uagccucuccuuggcuuugCcug.....	2	1	c02
.....uagccucuccuuggcuAugucug.....	1	1	c02
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.....uaAccucuccuuggcuuugucug.....	1	1	c02
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.....uagccucuccuuggcuGugucug.....	1	1	c02
.....uagAcucuccuuggcuuugucug.....	3	1	c02
.....uagccucuccGuggcuuugucug.....	1	1	c02
.....uagccucuccuCggcuuugucug.....	1	1	c02

Mature Star

ccuccacagggauguugaccuagccucuccuuggcuuugucuguaucuuaaagauguuucagacauagccugauagagguuacguuuagucccagugucacaacggaaaga

.....uagcUucuccuuggcuuugucug.....	2	1	c02
.....uaUccucuccuuggcuuugucug.....	1	1	c02
.....uaCccucuccuuggcuuugucug.....	1	1	c02
.....uagccucuccuuggcuuAgucug.....	1	1	c02
.....uagccucuccuuggcuuugucCg.....	1	1	c02
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.....uagccucuccuuggcuuCgucug.....	2	1	c02
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.....uagccucuccuuggcuuugucuC.....	4	1	c02
.....Aagccucuccuuggcuuugucug.....	2	1	c02
.....Cagccucuccuuggcuuugucug.....	1	1	c02
.....uagccucuccuuggcuuugucuU.....	21	1	c02
.....uagccucuccuuggcuuugucuA.....	5	1	c02
.....uCgccucuccuuggcuuugucug.....	2	1	c02
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.....uagccAcuccuuggcuuugucugu.....	1	1	c02
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.....uagccucuccuuggcuuugucugA.....	12	1	c02
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.....uagccucuccuuggcuuCgucugu.....	1	1	c02
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.....uagccucuccuuggcuuugucuUu.....	7	1	c02
.....uagcUucuccuuggcuuugucugu.....	1	1	c02
.....uagccucuccuuggcuuugucugu.....	202	0	c02
.....uagccucucGuuggcuuugucugu.....	1	1	c02
.....uagccucuccuuggcuuugucAgu.....	2	1	c02
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.....uagAcucuccuuggcuuugucugu.....	1	1	c02
.....uagccucuccuuggcuuugucugua.....	7	0	c02
.....uagccucuccuuggcuuugucuguU.....	23	1	c02
.....uagccucuccuuggcuuugucugAa.....	1	1	c02
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.....agccucuccuuggcuuugucu.....	5	0	c02
.....agccucuccuuggcuuugucug.....	7	0	c02
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.....Ccauagccugauagagguuacg.....	11	1	c02
.....acauagccugauGgagguuacg.....	1	1	c02

Mature Star

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.....acauagccugauagaCguuacg.....	1	1	c02
.....acauagccugauagagCuuacg.....	2	1	c02
.....Ccauagccugauagagguuacgu.....	2	1	c02
.....acauagccugauagagguuacgu.....	1	0	c02
.....cauagccugauagagguuacgu.....	1	0	c02
.....uagccugauagagguuacg.....	1	0	c02
.....aAcuagccucuccuuggcuuugucu.....	1	1	c09
.....Guagccucuccuuggcuuugucu.....	1	1	c09
.....cuagccucuccuuggcuuugucu.....	2	0	c09
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.....uagccucuccuuggcuAuguc.....	1	1	c09
.....Gagccucuccuuggcuuuguc.....	10	1	c09
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.....uagccucuccuAggcuuugucu.....	2	1	c09
.....uagccucuUcuuggcuuugucu.....	2	1	c09
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.....uagccucuccuuggcuuAgucu.....	3	1	c09
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.....uagccucuccuuggcuuugucA.....	4	1	c09
.....uagccucuccuuggcuAugucu.....	2	1	c09
.....uUgccucuccuuggcuuugucu.....	1	1	c09
.....Aagccucuccuuggcuuugucu.....	7	1	c09
.....uagccucuccuugAcuuugucu.....	1	1	c09
.....uagccucuccuuggcuuuguAu.....	1	1	c09
.....Cagccucuccuuggcuuugucu.....	1	1	c09
.....uagccucuccuuggAuuugucu.....	4	1	c09
.....uagccucuccuugCcuuugucu.....	2	1	c09
.....uagccucuccuuCgcuuugucu.....	4	1	c09
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.....uaCccucuccuuggcuuugucu.....	2	1	c09
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.....uagccucuccuuggGuuugucu.....	3	1	c09
.....uagccucuccuugUcuuugucu.....	3	1	c09
.....Gagccucuccuuggcuuugucu.....	196	1	c09
.....uagcUucuccuuggcuuugucu.....	4	1	c09
.....uagccucuccuuggcuuugAcu.....	1	1	c09
.....uagccucuccuuggcuuugucG.....	5	1	c09

Mature Star

ccuccacagggauguugaccuagccucuccuuggcuuugucuguaucuuaaagauguuucagacauagccugauagagguuacguuuagucccagugucacaacggaaaga

.....uagccucuccuuggcuuugucu.....	4330	0	c09
.....uaAccucuccuuggcuuugucu.....	1	1	c09
.....uagccucuccuuggcuuuguUu.....	1	1	c09
.....uagccucuccuuggcuuGgucu.....	1	1	c09
.....uagccucuccuGggcuuugucu.....	5	1	c09
.....uagccucuccuuggcuuugCcu.....	1	1	c09
.....uagccucuccuuggcCuugucu.....	1	1	c09
.....uGgccucuccuuggcuuugucu.....	2	1	c09
.....uagccucucAuuggcuuugucu.....	3	1	c09
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.....uagAcuccuuggcuuugucu.....	3	1	c09
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.....uagccucuccuuggcuuuCucug.....	1	1	c09
.....uagccucuccuuggcuuugucuA.....	13	1	c09
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.....uagccucuccuuggcuuuAucug.....	1	1	c09
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.....uagccucuccuuggcuuugucuU.....	24	1	c09
.....uagccucuccuGggcuuugucug.....	1	1	c09
.....uagccucuccuuggcuuugucGg.....	1	1	c09
.....uagccucuccuuggcuuuguAug.....	1	1	c09
.....uagccucuccuuggcuuCgucug.....	1	1	c09
.....uagccucuccuuggcuuugucuC.....	8	1	c09
.....Gagccucuccuuggcuuugucug.....	67	1	c09
.....uagccucuccuuggcuuuguGug.....	1	1	c09
.....uagGcucuccuuggcuuugucug.....	1	1	c09
.....uagccucuccuuggcuuuUucug.....	1	1	c09
.....uagccucucUuuggcuuugucug.....	1	1	c09
.....uagcAucuccuuggcuuugucug.....	1	1	c09
.....uaCccucuccuuggcuuugucug.....	1	1	c09
.....uagccucuccuuggcAuugucug.....	2	1	c09
.....uagccucuccuuCgcuuugucug.....	2	1	c09
.....uagccucuccuuggcuuugucug.....	1881	0	c09
.....uagccucuccuuggAuuugucug.....	1	1	c09
.....uagccucuccuuggcuuugucAg.....	2	1	c09
.....uCgccucuccuuggcuuugucug.....	2	1	c09
.....uagccucucGuuggcuuugucug.....	2	1	c09
.....uagccucuccuuggcCuugucug.....	2	1	c09
.....Gagccucuccuuggcuuugucugu.....	7	1	c09
.....uagccucuccuCggcuuugucugu.....	1	1	c09
.....uagccucuccuuggcuuugucugA.....	24	1	c09
.....uagccucuccuuggcuuugucugu.....	230	0	c09
.....uagccucuccuGggcuuugucugu.....	1	1	c09
.....uagccucuccuuggcuuugucGgu.....	1	1	c09
.....uagccucuccuuggcuuugucugG.....	22	1	c09
.....uagccucuccuuggcuuugucugC.....	2	1	c09
.....uagccucuccuuggcuuugucuUu.....	4	1	c09
.....uagccucuccuuggcuAugucugu.....	1	1	c09
.....uagccucuccuuggcuuugAcugu.....	1	1	c09
.....uagccucuccuuggcuuugucugua.....	6	0	c09
.....uagccucuccuuggcuuugucuguU.....	11	1	c09
.....uagccucuccuuggcuuugucugAa.....	2	1	c09
.....uagccucuccuuggcuuugucugCa.....	2	1	c09
.....uagccucuccuuggcuuugucuguC.....	2	1	c09
.....uagccucuccuuggcuuugucuguUu.....	2	1	c09
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.....uagccucuccGuggcuuugucuguaucuuaaa.....	1	1	c09
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.....agccucuccuuggcuuugucuUu.....	1	1	c09
.....agccucuccuuggcuuugucugu.....	5	0	c09
.....gccucuccuuggcuuugucu.....	6	0	c09

Mature Star

```
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.....................gccucuccuuggcuuugucug.....  2   0   c09
.....................Accucuccuuggcuuugucug.....  1   1   c09
.....................ccucuccuuggcuuuguc.....  1   0   c09
.....................ccucuccuuggcuuugucu.....  15   0   c09
.....................ccucuccuuggcuuugucuA.....  2   1   c09
.....................ccucuccuuggcuuugucug.....  9   0   c09
.....................ccucuccuuggcuuugucugu.....  2   0   c09
.....................ccucuccuuggcuuugucuguC.....  1   1   c09
.....................cucuccuuggcCuugucu.....  1   1   c09
.....................cucuccuuggcuuugucu.....  74   0   c09
.....................cucuccuuggcuuugucug.....  8   0   c09
.....................cucuccuuggcuuGgucug.....  1   1   c09
.....................cucuccuuggcuuugucugu.....  1   0   c09
.....................cucuccuuggcuuugucugA.....  1   1   c09
......................ucuccuuggcuuugucuU.....  1   1   c09
......................ucuccuuggcuuugucug.....  8   0   c09
......................Gcuccuuggcuuugucug.....  1   1   c09
......................ucuccuuggcuuugucuC.....  1   1   c09
......................ucuccuuggcuuugucugG.....  1   1   c09
.............................................gacauagccugauagagguuacg.....  1   0   c09
.............................................Ccauagccugauagaggu.....  1   1   c09
.............................................acauagccugauagaggu.....  6   0   c09
.............................................acauagccugauagagguC.....  1   1   c09
.............................................Ccauagccugauagagguu.....  1   1   c09
.............................................acauagccugauagagguu.....  14   0   c09
.............................................acauagccugauagagguuU.....  1   1   c09
.............................................acauagccugauagagguua.....  1   0   c09
.............................................acauagUcugauagagguuac.....  1   1   c09
.............................................acauagccugauagagguuac.....  2   0   c09
.............................................acauagccugauagagguuacU.....  3   1   c09
.............................................acauagccugauagagguuacg.....  126   0   c09
.............................................acauagccugauagaUguuacg.....  1   1   c09
.............................................Ccauagccugauagagguuacg.....  5   1   c09
..............................................Uuagccugauagagguuacg.....  1   1   c09
...............................................agccugauagagguuacg.....  3   0   c09

....................uagccucuccuuggcuuugu.....  1   0   c04
....................uagccucuccuuggcuuugucu.....  7   0   c04
....................uGgccucuccuuggcuuugucu.....  1   1   c04
....................Gagccucuccuuggcuuugucu.....  1   1   c04
....................uagccucuccuuggcuuugucug.....  7   0   c04
....................Gagccucuccuuggcuuugucug.....  1   1   c04
....................uagccucuccuuggcuuugucugu.....  1   0   c04
.............................................acauagccugauagagguuacg.....  2   0   c04

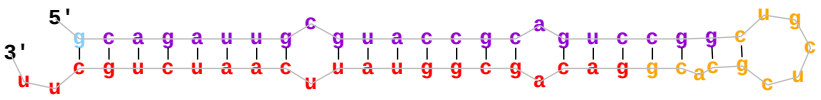
.................gGccuagccucuccuuggcuuugucugu.....  1   1   c16
....................uagccucuccuuggcuuu.....  1   0   c16
....................uagccucuccuuggcuuugu.....  3   0   c16
....................uagccucuccuuggcuuAguc.....  1   1   c16
....................uagccucuccuuggcuGuguc.....  1   1   c16
....................uagccucuccuuggcuuuguc.....  8   0   c16
....................uagccucuccuuggcuuugucu.....  242   0   c16
....................Gagccucuccuuggcuuugucu.....  13   1   c16
....................Aagccucuccuuggcuuugucu.....  1   1   c16
....................uagccucuccuuggGuuugucu.....  1   1   c16
....................uCgccucuccuuggcuuugucu.....  1   1   c16
....................uagccucuccuuggcuuuCucu.....  3   1   c16
....................uagccucuccuuggcGuugucu.....  1   1   c16
....................uagccucucGuuggcuuugucu.....  1   1   c16
....................uagccucuccuuggcCuugucu.....  1   1   c16
....................uagccucCccuuggcuuugucu.....  1   1   c16
....................uagccucAccuuggcuuugucu.....  1   1   c16
....................uagccucuccuuggcGuugucug.....  2   1   c16
....................uagccucuccuuggAuuugucug.....  1   1   c16
....................uagccucuccuuggcuuugucuC.....  1   1   c16
....................uagccucuccuuAgcuuugucug.....  1   1   c16
....................uagccucuccuuggcuuugucug.....  138   0   c16
....................Gagccucuccuuggcuuugucug.....  3   1   c16
....................uagccucuccuuggcuuuUucug.....  1   1   c16
....................uagAcucuccuuggcuuugucug.....  1   1   c16
```

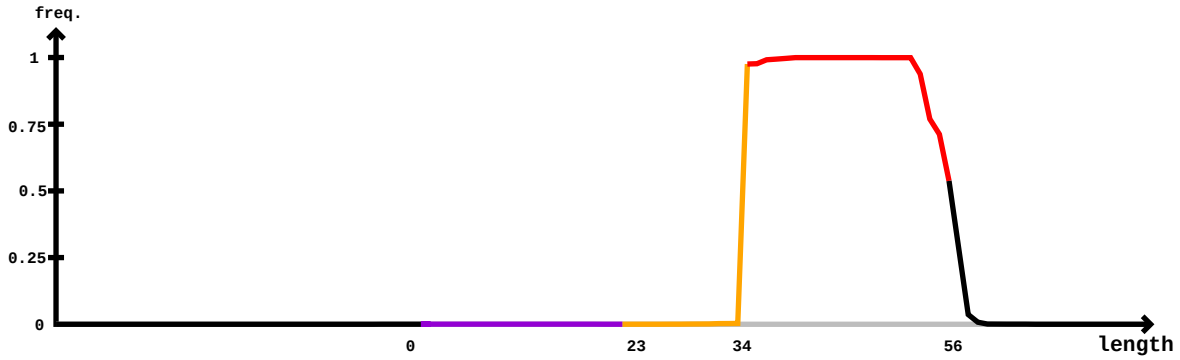
Mature Star

ccuccacagggauguugaccuagccucuccuuggcuuugucuguaucuuaaagauguuucagacauagccugauagagguuacguuuagucccagugucacaacggaaaga

.....uagccucuccuuggcuuugucugu.....	8	0	c16
.....agccucuccuuggcuuugucu.....	1	0	c16
.....Cgccucuccuuggcuuugucu.....	1	1	c16
.....agccucuccuuggcuuugucug.....	1	0	c16
.....agccucuccuuggcuuugucugu.....	1	0	c16
.....gccucuccuuggcuuugucu.....	1	0	c16
.....cucuccuuggcuuugucu.....	3	0	c16
.....uucagacauagccugauagagg.....	1	0	c16
.....Ccauagccugauagaggu.....	1	1	c16
.....acauagccugauagaggu.....	1	0	c16
.....Ccauagccugauagagguuacg.....	3	1	c16
.....acauagccugauagaCguuacg.....	1	1	c16
.....acauagccugauagagguuacg.....	12	0	c16

Provisional ID	:	group20_30608
Score total	:	2454.3
Score for star read(s)	:	3.9
Score for read counts	:	2447.3
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	4812
Mature read count	:	4811
Loop read count	:	0
Star read count	:	1





Star **Mature**

```
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    ggcaaaggcaggacggcggagcgcgcuccgaauacggcagauugcguaccgcaguccggcugcucgcacggacagcgguauucaaucugcuuaaagcuuggcaaaauccuuu        exp
    .((..((((.(((..(((...))))..))).....((((((((((.(((((((.(((((((.....)).)))))).)))))))).)))))))))....)))).)).........  reads    mm    sample
    ...............................uacggcagauugcguaccgcagu.....................................................................  1        0     c15
    ..................................................gcugcucgcacggacagcgguauuca.....................................................  1        0     c15
    .....................................................cucgcacggacagcgguauucaaucugcu..............................................  1        0     c15
    ......................................................cgcacggacagcgguauucaaucugcu...............................................  1        0     c15
    ......................................................cgcacggacagcgguauucaaucugcuu..............................................  1        0     c15
    .......................................................gcacggacagcgguauucaaucugcu...............................................  1        0     c15
    .........................................................cacggacagcgguauucaaucugcuu..............................................  1        0     c15
    ...........................................................ggacagcgguauucaaucug...................................................  1        0     c15
    .............................................................gacagcgguauucaaucA...................................................  2        1     c15
    .............................................................Uacagcgguauucaaucu....................................................  2        1     c15
    .............................................................gacagcgguauucaaucu....................................................  79       0     c15
    .............................................................gacagcgguauucaaucug...................................................  86       0     c15
    .............................................................Uacagcgguauucaaucug...................................................  2        1     c15
    .............................................................gacagcgguauucaaucuA...................................................  2        1     c15
    .............................................................gacagcgguauucaaucuC...................................................  1        1     c15
    .............................................................gGcagcgguauucaaucugc..................................................  2        1     c15
    .............................................................gacagcgguauucaaucugA..................................................  1        1     c15
    .............................................................gacagcgguauucaaucuAc..................................................  2        1     c15
    .............................................................gacagcgguauucaaucugU..................................................  1        1     c15
    .............................................................gacagcgguauucaaucugc..................................................  75       0     c15
    .............................................................gacagcgguauucaaucuUcu.................................................  1        1     c15
    .............................................................gacagcgguauucaaucugcu..................................................  655      0     c15
    .............................................................gacaCcgguauucaaucugcu..................................................  1        1     c15
    .............................................................gGcagcgguauucaaucugcu..................................................  1        1     c15
    .............................................................gacaUcgguauucaaucugcu..................................................  1        1     c15
    .............................................................gacagcggGauucaaucugcu..................................................  1        1     c15
    .............................................................gaUagcgguauucaaucugcu..................................................  1        1     c15
    .............................................................gacagcgguauAcaaucugcu..................................................  1        1     c15
    .............................................................Uacagcgguauucaaucugcu..................................................  4        1     c15
    .............................................................gacagcgguauucaaucugUu..................................................  4        1     c15
    .............................................................gacagcgguauucaaucugcC..................................................  7        1     c15
    .............................................................gacagcggCauucaaucugcu..................................................  1        1     c15
    .............................................................gacagcggAauucaaucugcu..................................................  3        1     c15
```

Star Mature

ggcaaaggcaggacggcggagcgcgcuccgaauacggcagauugcguaccgcaguccggcugcucgcacggacagcgguauucaaucugcuuaaagcuuggcaaaauccuuu

.....gacagcgguauucaaucugcA.....	58	1	c15
.....gacagcgguauGcaaucugcu.....	1	1	c15
.....gacagcgguauucaaucugAu.....	1	1	c15
.....gacagcgguauucaaucugcG.....	1	1	c15
.....gacagcggCauucaaucugcuu.....	2	1	c15
.....gacagcgguauucaaucugcuA.....	14	1	c15
.....gacagcgguauucaaucuUcuu.....	1	1	c15
.....gacagcggAauucaaucugcuu.....	1	1	c15
.....gacagcgguauucaaucugcuu.....	959	0	c15
.....gUcagcgguauucaaucugcuu.....	1	1	c15
.....gacaCcgguauucaaucugcuu.....	1	1	c15
.....gacagcgguauucaaucugcCu.....	1	1	c15
.....gacagcgguauucaaucugcAu.....	13	1	c15
.....gacagUgguauucaaucugcuu.....	1	1	c15
.....Uacagcgguauucaaucugcuu.....	6	1	c15
.....gacagcgguauucaauUugcuu.....	1	1	c15
.....gacGgcgguauucaaucugcuu.....	1	1	c15
.....gacagcgguauucaaucugcuC.....	101	1	c15
.....gacagAgguauucaaucugcuu.....	1	1	c15
.....gacagcgguauucaaucugUuu.....	11	1	c15
.....gacaAcgguauucaaucugcuu.....	2	1	c15
.....gacagcgguauucaaucugcGu.....	1	1	c15
.....gacagGgguauucaaucugcuu.....	1	1	c15
.....gacagcgguauucaauAugcuu.....	1	1	c15
.....gacagcgguauuUaaucugcuu.....	1	1	c15
.....gGcagcgguauucaaucugcuu.....	2	1	c15
.....gacaUcgguauucaaucugcuu.....	1	1	c15
.....gacagcgguauucaaucuCcuu.....	1	1	c15
.....gacagcgguauucGaucugcuu.....	1	1	c15
.....gacagcggGauucaaucugcuu.....	2	1	c15
.....gacagcgguauucaaucugcuuC.....	3	1	c15
.....gacagcgguauucaaucugcuua.....	276	0	c15
.....gacagcgguauucaaucugcuuG.....	1	1	c15
.....gGcagcgguauucaaucugcuua.....	1	1	c15
.....Aacagcgguauucaaucugcuua.....	1	1	c15
.....gacagcgguauucaaucugcuAa.....	5	1	c15
.....gacagcgguauucaaucugcuuU.....	222	1	c15
.....gacagcggGauucaaucugcuua.....	2	1	c15
.....gacagcgguauucaaucugcuCa.....	1	1	c15
.....gacagAgguauucaaucugcuua.....	1	1	c15
.....gacagcgguauucaauUugcuua.....	1	1	c15
.....Uacagcgguauucaaucugcuua.....	3	1	c15
.....gacagcggUUuucaaucugcuua.....	1	1	c15
.....gacaCcgguauucaaucugcuua.....	2	1	c15
.....gacaUcgguauucaaucugcuua.....	1	1	c15
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.....gacagcUguauucaaucugcuua.....	1	1	c15
.....gacagcggCauucaaucugcuua.....	1	1	c15
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.....gacagcgguauucaaucugcuuaa.....	34	0	c15
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.....gacagcgguauucaaucugcuuaC.....	2	1	c15
.....gacagcgguauucaaucugcuuUa.....	1	1	c15
.....gacagcgguauucaaucugcuuaU.....	61	1	c15
.....gacagcgguauucaaucugcuuaaU.....	8	1	c15
.....gacagcgguauucaaucugcuuUaa.....	1	1	c15
.....gacagcgguauucaaucugcuuaaa.....	11	0	c15
.....acagcgguauucaaucugcu.....	1	0	c15
.....cagcgguauucaaucugcuua.....	4	0	c15
.....cagcgguauucaaucugcuuU.....	1	1	c15
.....cagcgguauucaaucugcuuaa.....	10	0	c15
.....cagcggCauucaaucugcuuaa.....	1	1	c15
.....cagcgguauucaaucugcuuaaa.....	6	0	c15
.....cagcgguauucaaucugcuuaaC.....	1	1	c15
.....cagcgguauucaaucugcuuaaag.....	1	0	c15
.....cagcgguauucaaucugcuuaaagc.....	1	0	c15
.....aUcgguauucaaucugcuu.....	1	1	c15
.....aUcgguauucaaucugcuua.....	2	1	c15
.....agcgguauucaaucugcuuU.....	1	1	c15
.....gcgguauucaaucugUuu.....	1	1	c15

Star Mature

ggcaaaggcaggacggcggagcgcgcuccgaauacggcagauugcguaccgcaguccggcugcucgcacggacagcgguauucaaucugcuuaaagcuuggcaaaauccuuu

.....gcgguauucaaucugcuua.....	1	0	c15
.....gcgguauucaaucugcuuU.....	1	1	c15
.....cgguauucaaucugcuuU.....	2	1	c15
.....cgguauucaaucugcuua.....	1	0	c15
.....cgguauucaaucugcuuaU.....	1	1	c15
.....gacagcgguauucaaucu.....	18	0	c02
.....Cacagcgguauucaaucu.....	1	1	c02
.....gacagcgguauucaaucug.....	108	0	c02
.....gacagUgguauucaaucug.....	1	1	c02
.....gGcagcgguauucaaucug.....	1	1	c02
.....gacagcgguauucaaucugc.....	4	0	c02
.....gacagcgguauucaaucugcA.....	1	1	c02
.....gacagcgguauucaaucugcu.....	10	0	c02
.....Cacagcgguauucaaucugcuu.....	1	1	c02
.....Aacagcgguauucaaucugcuu.....	1	1	c02
.....gacagcgguauucaaucugAuu.....	1	1	c02
.....gacagcgguauucaaucugcuu.....	69	0	c02
.....gacagcgguauucaaucugcAu.....	1	1	c02
.....gacagcgguauucCaucugcuu.....	1	1	c02
.....gacagcgguauucaaucugcuuC.....	2	1	c02
.....gacagcgguauucaaucugcuuU.....	14	1	c02
.....gacagcgguauucaaucugcuua.....	15	0	c02
.....gacagcgguauucaaucugcuuaU.....	1	1	c02
.....gacagcgguauucaaucugcuuaaU.....	1	1	c02
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.....gcgguauucaaucugcuuU.....	1	1	c02
.....cagauugcguaccgcaguccgU.....	1	1	c09
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.....Ucggacagcgguauucaaucugcuu.....	1	1	c09
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.....ggacagcgguauucaaucug.....	1	0	c09
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.....gacagAgguauucaaucug.....	1	1	c09
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.....gacagcgguauucaaucuC.....	1	1	c09
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.....Uacagcgguauucaaucug.....	1	1	c09
.....gacagcgguauucaaucugG.....	4	1	c09
.....gacagcgCuauucaaucugc.....	1	1	c09
.....gacagcgguauucaaucugc.....	60	0	c09
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.....gacagcgguauucaaucugcC.....	1	1	c09
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.....Cacagcgguauucaaucugcu.....	1	1	c09
.....gacaUcgguauucaaucugcuu.....	2	1	c09
.....gacagcgguauucGaucugcuu.....	1	1	c09
.....gacagcgguauucaaucugcuC.....	2	1	c09
.....gacagcgguauucaauAugcuu.....	1	1	c09
.....Uacagcgguauucaaucugcuu.....	1	1	c09
.....gacagcgguauucaaucugcuu.....	116	0	c09
.....gacagcgguauucaaucugcuA.....	1	1	c09
.....Cacagcgguauucaaucugcuu.....	1	1	c09

Star Mature

ggcaaaggcaggacggcggagcgcgcuccgaauacggcagauugcguaccgcaguccggcugcucgcacggacagcgguauucaaucugcuuaaagcuuggcaaaauccuuu

.....gacagAgguauucaaucugcuu.....	1	1	c09
.....gacagcUguauucaaucugcuu.....	1	1	c09
.....gacagcgguauucaaucugcuua.....	29	0	c09
.....gacagcgguauucaaucugcuuU.....	27	1	c09
.....gaUagcgguauucaaucugcuua.....	1	1	c09
.....gacagcgguauucaaucugcuuaU.....	1	1	c09
.....cagcgguauucaaucugcu.....	6	0	c09
.....cagcgguauucaaucugcuu.....	4	0	c09
.....cagcgguauucaaucugcuua.....	4	0	c09
.....cagcgguauucaaucugcuuaa.....	5	0	c09
.....agcgguauucaaucugcu.....	1	0	c09
.....gcgguauucaaucugcuu.....	2	0	c09
.....gcgguauucaaucugcuuU.....	1	1	c09
.....gcgguauAcaaucugcuua.....	1	1	c09
.....cgguauucaaucugcuuU.....	4	1	c09
.....cggaUagcgguauucaaucug.....	1	1	c16
.....gacagAgguauucaaucu.....	1	1	c16
.....gacagcgguauucaaucu.....	50	0	c16
.....gacagcgguauucaaCcu.....	1	1	c16
.....gacagcggAauucaaucug.....	1	1	c16
.....gacagAgguauucaaucug.....	1	1	c16
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.....gCcagcgguauucaaucug.....	1	1	c16
.....gacagcAguauucaaucug.....	1	1	c16
.....gacagcCguauucaaucug.....	1	1	c16
.....gacagcgCuauucaaucug.....	1	1	c16
.....gacagcgguauucaaucCg.....	1	1	c16
.....gacagcgguauucaaucug.....	223	0	c16
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.....gGcagcgguauucaaucugc.....	1	1	c16
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.....gacagcgguauucaaucugcA.....	1	1	c16
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.....gacagcUguauucaaucugcuu.....	2	1	c16
.....gacagcgguauucaaucugcuA.....	2	1	c16
.....gacagcgguauucaaucugUuu.....	1	1	c16
.....gacagcgguauucaaucuCcuu.....	1	1	c16
.....gacagcCguauucaaucugcuu.....	1	1	c16
.....gacagcgguauucaaucugcuu.....	174	0	c16
.....gacagcgCuauucaaucugcuu.....	1	1	c16
.....gacaUcgguauucaaucugcuu.....	1	1	c16
.....gacaCcgguauucaaucugcuu.....	2	1	c16
.....Cacagcgguauucaaucugcuu.....	1	1	c16
.....gacagcgguauucaaucugcuua.....	48	0	c16
.....gacagcgguauucaaucugcuuU.....	25	1	c16
.....Cacagcgguauucaaucugcuua.....	1	1	c16
.....gacagcgguauucaaucugcuuUa.....	1	1	c16
.....gacagcgguauucaaucugcuuaU.....	1	1	c16
.....gacagcgguauucaaucugcuuaa.....	4	0	c16
.....gacagcgguauucaaucugcuuaaU.....	1	1	c16
.....gacagcgguauucaaucugcuuaaagcuuU.....	2	1	c16
.....acagcgguauucaaucugc.....	1	0	c16
.....acagcgguauucaaucugcuuaa.....	1	0	c16
.....cagcgguauucaaucugcuu.....	2	0	c16
.....cagcgguauucaaucugcuua.....	1	0	c16
.....cagcgguauucaaucugcuuaa.....	5	0	c16
.....Cgcgguauucaaucugcu.....	1	1	c16
.....agcgguauucaaucugcu.....	1	0	c16
.....agcgguauucaaucugcuu.....	3	0	c16
.....gcgguauucaaucugcuu.....	2	0	c16
.....gcgguauucaaucugcuuU.....	1	1	c16

Star Mature

ggcaaaggcaggacggcggagcgcgcuccgaauacggcagauugcguaccgcaguccggcugcucgcacggacagcgguauucaaucugcuuaaagcuuggcaaaauccuuu

.....cgguauucaaucugcuuU.....	3	1	c16
.....cgguauucaaucugcuua.....	1	0	c16
.....Ccggacagcgguauucaaucugcu.....	1	1	c04
.....Cacagcgguauucaaucu.....	1	1	c04
.....Uacagcgguauucaaucu.....	1	1	c04
.....gacagAgguauucaaucu.....	1	1	c04
.....gacagcgguauucaaucu.....	61	0	c04
.....gCcagcgguauucaaucug.....	1	1	c04
.....gacaCcgguauucaaucug.....	1	1	c04
.....gacagcgguauucaaucuC.....	1	1	c04
.....gacagcgguauucaaucuU.....	1	1	c04
.....gacagcgguauucaaucuA.....	2	1	c04
.....gacagcgguauucaaucug.....	127	0	c04
.....gacagAgguauucaaucugc.....	2	1	c04
.....gacagcgguauucaaucGgc.....	1	1	c04
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.....gacagcgguauucaaucugc.....	55	0	c04
.....gacagcgguauucaaucugcu.....	18	0	c04
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.....gacagcgguauucaaucugcuA.....	3	1	c04
.....gacagcgguauucaaucugcuuU.....	5	1	c04
.....gacaCcgguauucaaucugcuua.....	1	1	c04
.....gacagcgguauucaaucugcuua.....	18	0	c04
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.....agcgguauucaaucugcuu.....	1	0	c04
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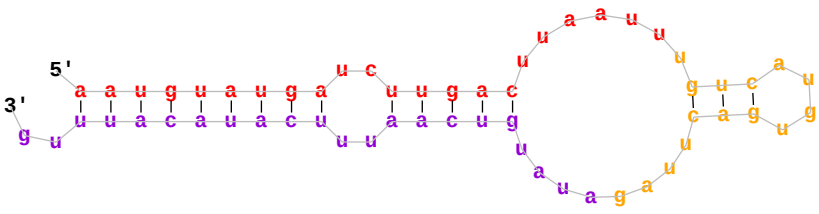
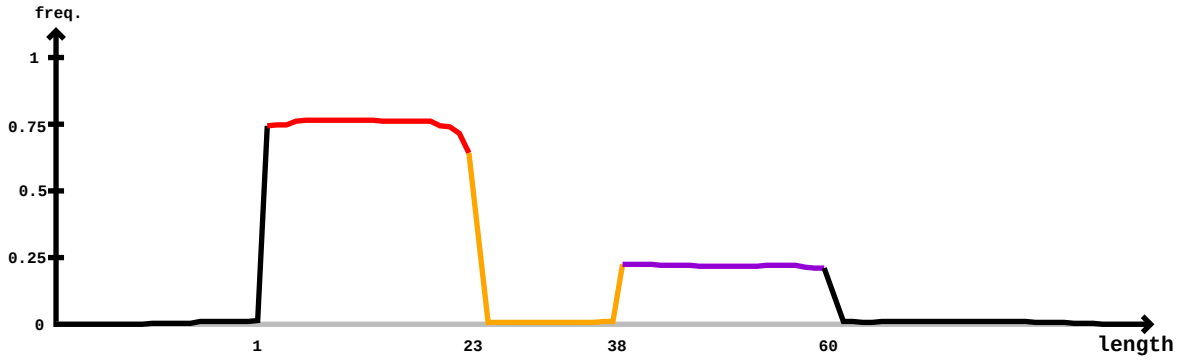
.....gcgguauucaaucugcuuU.....	1	1	c04
.....cgguauucaaucugcuua.....	1	0	c04
.....cgguauucaaucugcuuU.....	1	1	c04

Provisional ID	:	group20_30617
Score total	:	136.8
Score for star read(s)	:	3.9
Score for read counts	:	135.2
Score for mfe	:	-3.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	277
Mature read count	:	215
Loop read count	:	0
Star read count	:	62





Mature **Star**

```
5'- uuguacuauuuuaaacaagaaauguaugaucuugacuuaauuugucaugugacuuagauaugucaauuucauacauuugaaugcugucuaaaauuguuaaaaugcgucuuggc -3'   obs
    uuguacuauuuuaaacaagaaauguaugaucuugacuuaauuugucaugugacuuagauaugucaauuucauacauuugaaugcugucuaaaauuguuaaaaugcgucuuggc   exp
    ..............((((((((((((((..(((((.......(((....)))........)))))..))))))))))..((((.................))))))))..  reads     mm      sample
    ........Guuuaaacaagaaauguaugaucu.....................................................................................  1         1       c09
    ............aacaagaaauguaugaucuugacuu...............................................................................  1         0       c09
    ..................aauguaugaucuugacuu.................................................................................  2         0       c09
    ..................aauguaugaucuugacuuaU...............................................................................  1         1       c09
    ..................aauguaugaucuugacuuaau..............................................................................  6         0       c09
    ..................aauguaugaucuugacuuaauu.............................................................................  26        0       c09
    ..................aauguaugCucuugacuuaauu.............................................................................  2         1       c09
    ..................auguaugaucuugacuuaauuu.............................................................................  1         0       c09
    ....................Cuaugaucuugacuuaau................................................................................  1         1       c09
    ....................guaugaucuugacuuaauu...............................................................................  1         0       c09
    ....................uaugaucuugacuuaauu................................................................................  1         0       c09
    ......................................auuugucaugugacuuagauaA.........................................................  1         1       c09
    ..........................................................Guaugucaauuucauacauuug.....................................  2         1       c09
    ..........................................................auaugucaauuucauacauuug.....................................  1         0       c09
    ..........................................................Uuaugucaauuucauacauuug.....................................  15        1       c09

    ................aaauguaugaucuugacuuaau.................................................................................  1         0       c16
    ..................aauguaugaucuugacuu...................................................................................  2         0       c16
    ..................aauguaugaucuugacuua..................................................................................  1         0       c16
    ..................aauguaugaucuugacuuaG.................................................................................  1         1       c16
    ..................aauguaugaucuugacuuaa.................................................................................  2         0       c16
    ..................aauguaugaucuugacuuaau................................................................................  6         0       c16
    ..................aauguaugaucuugacuuaauu...............................................................................  74        0       c16
    ..................aauguaugaucuCgacuuaauu...............................................................................  1         1       c16
    ..................Cauguaugaucuugacuuaauu...............................................................................  3         1       c16
    ..................aauguaugaucuugCcuuaauu...............................................................................  1         1       c16
    ..................aauguaugaucAugacuuaauu...............................................................................  1         1       c16
    ..................aauguaugaucuugacuuaauuA..............................................................................  5         1       c16
    ....................guaugaucuugacuuaauuA................................................................................  1         1       c16
    ..........................................................Uuaugucaauuucauacau.........................................  3         1       c16
    ..........................................................Uuaugucaauuucauacauu........................................  1         1       c16
    ..........................................................Guaugucaauuucauacauuug.....................................  5         1       c16
    ..........................................................Uuaugucaauuucauacauuug.....................................  15        1       c16
```

.....aauguaugaucuugacuC.....	1	1	c04
.....aauguaugaucuugacuuaa.....	1	0	c04
.....aauguaugaucuugacuuaau.....	1	0	c04
.....aauguaugaucuugacuuaauu.....	13	0	c04
.....aauguaugaucuugacuuaauuG.....	1	1	c04
.....Uuaugucaauuucauacauuug.....	10	1	c04
.....aacaagaaauguaugaucuugacuuaau.....	1	0	c15
.....aauuugucaugugacuuagauauguca.....	1	0	c15
.....agauaugucaauuucauacauuugaau.....	1	0	c15
.....acauuugaaugcugucuaaauuguuaaa.....	1	0	c15
.....uugaaugcugucuaaauuguuaaaaugc.....	1	0	c15
.....ugucCaaauuguuaaaaugcguc.....	1	1	c15
.....aauguaugaucuugacuua.....	1	0	c02
.....aauguaugaucuugacuuaa.....	2	0	c02
.....aauguaugaucuugacuuaau.....	4	0	c02
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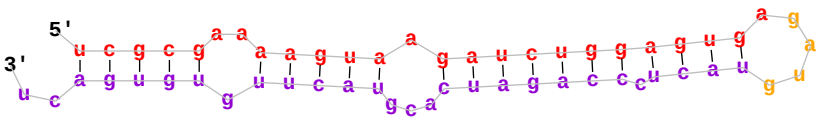
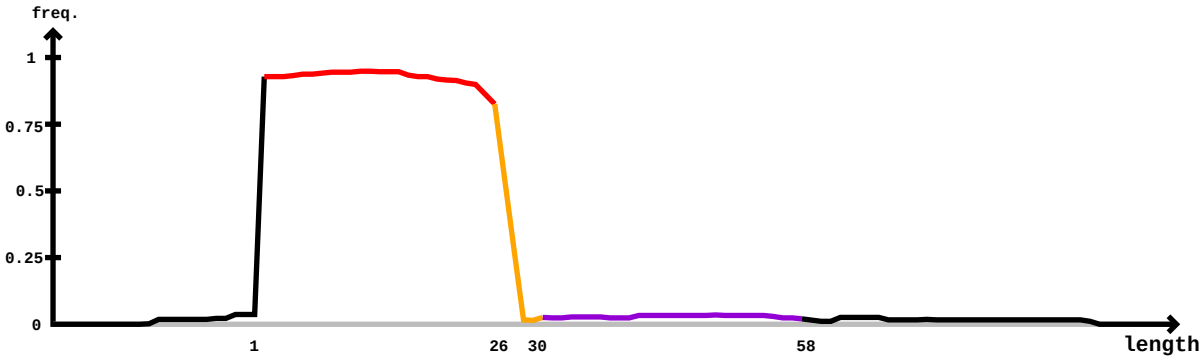
.....aauguaugaucuugacuuaauu.....	46	0	c02
.....aauguaugauAuugacuuaauu.....	1	1	c02
.....guaugaucuugacuuaauu.....	1	0	c02
.....Uuaugucaauuucauacauuug.....	9	1	c02

Provisional ID	:	group20_30707
Score total	:	256.7
Score for star read(s)	:	3.9
Score for read counts	:	250.5
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	503
Mature read count	:	495
Loop read count	:	0
Star read count	:	8





Mature **Star**

```
5'- ugcauaucuuaacgauauguucgcgaaaaguaagaucuggaguagaugauacucccagaucacguacuugugugacucgcuguauuggugucaucucagcuuuguacccauagca  -3'   obs
    ugcauaucuuaacgauauguucgcgaaaaguaagaucuggaguagaugauacucccagaucacguacuugugugacucgcuguauuggugucaucucagcuuuguacccauagca        exp
    .(((((((.....)))))))(((((..(((((.((((((((((.....)))).)))))))...)))))).)))))...(((((...((((.((.........)))))).)))))).  reads     mm        sample
    .........uaacgauauguucgcgaaaagua.....................................................................................  1         0         c04
    .........uaacgauauguucgcgaaaaguaaga..................................................................................  4         0         c04
    .........uaacgauauguucgcgaaaaguaagau.................................................................................  2         0         c04
    ..............uauguucgcgaaaaguaagaucugga..............................................................................  1         0         c04
    ................uguucgcgaaaaguaagau...................................................................................  1         0         c04
    ................uguucgcgaaaaguaagaucuggag.............................................................................  1         0         c04
    ................uguucgcgaaaaguaagaucuggagu............................................................................  6         0         c04
    ..................ucgcgaaaaguaagaucu..................................................................................  5         0         c04
    ..................ucgcgaaaaguaagaucug.................................................................................  2         0         c04
    ..................ucgcgaaaaguaagaucugU................................................................................  1         1         c04
    ..................ucgcgaaaaguaagaucugga...............................................................................  3         0         c04
    ..................ucgcgaaaaguaagaucuggag..............................................................................  3         0         c04
    ..................ucgcgaaaaguaagaucuggagu.............................................................................  12        0         c04
    ..................Gcgcgaaaaguaagaucuggagug............................................................................  1         1         c04
    ..................ucgcgaaaaguaagaucuggagug............................................................................  16        0         c04
    ..................Acgcgaaaaguaagaucuggaguga...........................................................................  2         1         c04
    ..................ucgUgaaaaguaagaucuggaguga...........................................................................  1         1         c04
    ..................ucgcgaaaaguaagaucuggaCuga...........................................................................  1         1         c04
    ..................Gcgcgaaaaguaagaucuggaguga...........................................................................  13        1         c04
    ..................ucgcgaaaaguaagaucuggaguga...........................................................................  119       0         c04
    ..................ucgcgaaaaguaagaucuggagugC...........................................................................  1         1         c04
    ..................ucgcgaaaaguaagaucuggagugaA..........................................................................  1         1         c04
    ..................ucgcgaaaaguaagaucuggagugag..........................................................................  81        0         c04
    ..................ucgcgaaaagAaagaucuggagugag..........................................................................  1         1         c04
    ..................Gcgcgaaaaguaagaucuggagugag..........................................................................  7         1         c04
    ..................ucgcgaaaaguaagaucuggagGgag..........................................................................  1         1         c04
    ..................ucgcgaaaaguaagauAuggagugaga.........................................................................  1         1         c04
    ..................ucgcgaaaaguaagaucuCgagugaga.........................................................................  1         1         c04
    ..................ucgcgaaaaguaagaucuggagugaga.........................................................................  112       0         c04
    ..................Gcgcgaaaaguaagaucuggagugaga.........................................................................  5         1         c04
    ..................ucgcgaaaaguaagaucuggagugagU.........................................................................  1         1         c04
    ..................Acgcgaaaaguaagaucuggagugaga.........................................................................  1         1         c04
    ..................uAgcgaaaaguaagaucuggagugaga.........................................................................  1         1         c04
```

Mature Star

```
ugcauaucuuaacgauauguucgcgaaaaguaagaucuggaguagaugauguacucccagaucacguacuugugugacucgcuguauuggugucaucucagcuuuguacccauagca
....................ucgcgaaaaguaagaucuggagugagaG.....................................................................  1  1  c04
....................ucgcgaaaaguaagaucuggagugagaugu....................................................................  1  0  c04
......................cgaaaaguaagaucuggagugaga.....................................................................  1  0  c04
.......................gaaaaguaagaucuggagugag......................................................................  1  0  c04
.......................gaaaaguaagaucuggagugaga.....................................................................  1  0  c04
.........................aaaguaagaucuggagugaga......................................................................  2  0  c04
..........................aaguaagaucuggaguga.......................................................................  1  0  c04
..........................aaguaagaucuggagugaga.....................................................................  1  0  c04
............................uaagaucuggagugagauguacuccc.............................................................  1  0  c04
.............................................uguacucccagaucacguacuugugu.....................................................  1  0  c04
.............................................uguacucccagaucacguacuugugug....................................................  1  0  c04
.................................................................ucacguacuugugugacucgcuguau.....................  1  0  c04
.....................................................................................uguauuggugucaucucagcuuugua.....  2  0  c04

........uuaacgauauguucgcgaaaaguaaga.....................................................................................  1  0  c16
.........uaacgauauguucgcgaaaaguaaga.....................................................................................  2  0  c16
..............uauguucgcgaaaaguaagaucugga.................................................................................  1  0  c16
...................ucgcgaaaaguaagaucuggagu..............................................................................  1  0  c16
...................Gcgcgaaaaguaagaucuggagu..............................................................................  1  1  c16
...................ucgcgaaaaguaagaucuggagug.............................................................................  3  0  c16
...................Gcgcgaaaaguaagaucuggaguga............................................................................  5  1  c16
...................ucgcgaaaaguaagaucuggaguga............................................................................  24 0  c16
...................ucgcgaaaaguaagaucuUgagugag..........................................................................  1  1  c16
...................ucgcgaaaaguaagaucuggagugaC..........................................................................  1  1  c16
...................ucgcgaaaaguaagaucuggagugag...........................................................................  29 0  c16
...................ucgcgaaaaguaagaucuggagugaU..........................................................................  1  1  c16
...................Gcgcgaaaaguaagaucuggagugag...........................................................................  2  1  c16
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...................ucgcgaaaaguaagaucuggagugaga.........................................................................  18 0  c16
...................Gcgcgaaaaguaagaucuggagugaga.........................................................................  2  1  c16
...................ucgcgaaaaguaagaucuggagugagC.........................................................................  1  1  c16
.....................cgaaaaguaagaucuggagugag...........................................................................  1  0  c16
.....................gaaaaguaagaucuggaguga............................................................................  1  0  c16
............................uaagaucuggagugagauguacuccc.............................................................  1  0  c16
.........................................ugagauguacucccagaucacCuacu.....................................................  1  1  c16
.............................................uguacucccagaucacguacuugugu.....................................................  1  0  c16
.............................................uguacucccagaucacguacuugugug....................................................  1  0  c16
..............................................uacucccagaucacguacuugugug.....................................................  1  0  c16
..............................................uacucccagaucacguacuugugugac....................................................  2  0  c16
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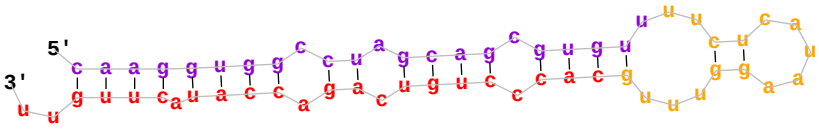
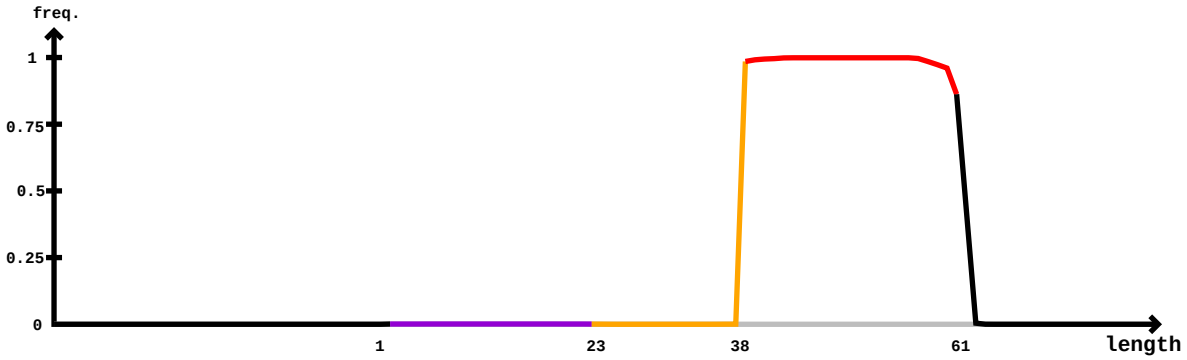
................................................ucccagaucacguacuugugugacuc...................................................  2  0  c16
.................................................................ucacguacuugugugacucgcuguau.....................  4  0  c16
.....................................................................uugugugacucgcuguauuggug.....................  1  0  c16
.....................................................................................uguauuggugucaucucagcuuugua.....  1  0  c16
.....................................................................................uguauuggugucaucucagcuuuguac.....  5  0  c16
.....................................................................................gucaucucagcuuuguac.....  1  0  c16
```

Provisional ID	:	group21_30866
Score total	:	157758.2
Score for star read(s)	:	3.9
Score for read counts	:	157753.3
Score for mfe	:	0.2
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	309438
Mature read count	:	309150
Loop read count	:	0
Star read count	:	288





Star **Mature**

```
5'- aagguuuuuucaagaauuaugaacuuggugagacaaggugccuagcagcguguuuucucauaagguuugcacccugucagaccauacuuguucaacuggucucuuaucguc -3'   obs
    aagguuuuuucaagaauuaugaacuuggugagacaaggugccuagcagcguguuuucucauaagguuugcacccugucagaccauacuuguucaacuggucucuuaucguc      exp
    .....................(((((...(((((((((((((.((.((((.((((...((.....)).)))).))))).)).)))).)))))))))).))).........   reads   mm   sample
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Star Mature

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Star Mature

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Star Mature

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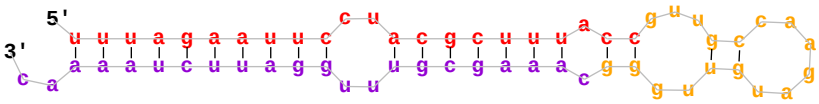
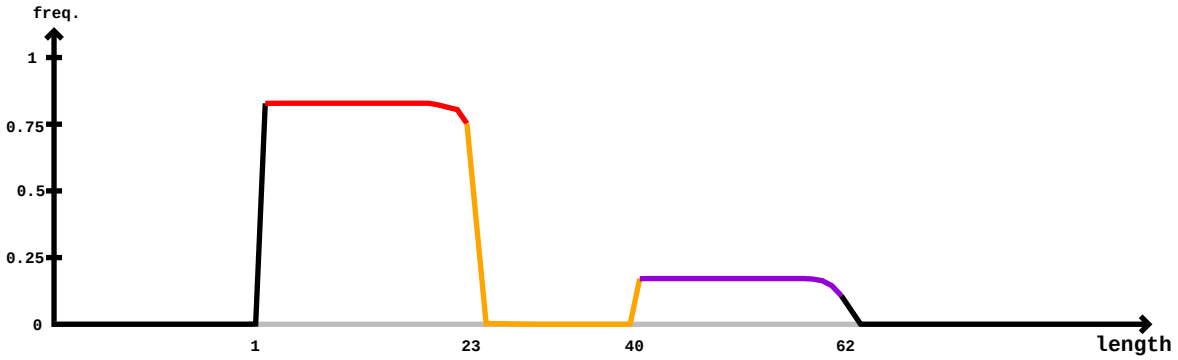
.....Gccugucagaccauacuuguu.....	1	1	c16
.....cccugucagaccauacuugGu.....	1	1	c16
.....cccuCucagaccauacuuguu.....	1	1	c16
.....cccugucagaccauacuuguG.....	1	1	c16
.....cccugucagaccauacuuguu.....	221	0	c16
.....cccugGcagaccauacuuguu.....	1	1	c16
.....cGcugucagaccauacuuguu.....	3	1	c16
.....Accugucagaccauacuuguu.....	1	1	c16
.....cccugucagCcccauacuuguu.....	1	1	c16
.....cccugucagaccauacuuCuu.....	1	1	c16
.....cccugucagaccauacuuguuA.....	4	1	c16
.....cccugucagaccauacuuguuu.....	16	0	c16
.....cccugucagaccauacuuguuG.....	2	1	c16
.....cccugucagaccauacuuguuuU.....	1	1	c16
.....cccugucagaccauacuuguuuA.....	2	1	c16
.....ccugucagaccauacuug.....	1	0	c16
.....ccugucagaccauacuugu.....	18	0	c16
.....ccugucagaccauacuuCu.....	1	1	c16
.....ccugucagCcccauacuuguu.....	1	1	c16
.....Gcugucagaccauacuuguu.....	3	1	c16
.....ccugucagaccauacuuguu.....	110	0	c16
.....ccugucagaccaGacuuguu.....	1	1	c16
.....Ucugucagaccauacuuguu.....	2	1	c16
.....ccugucagaccauacuuguuA.....	1	1	c16
.....ccugucagaccauacuAguuu.....	1	1	c16
.....ccugucagaccauacuuguuu.....	10	0	c16
.....cugucagaccauacuugu.....	20	0	c16
.....Augucagaccauacuuguu.....	2	1	c16
.....cAgucagaccauacuuguu.....	1	1	c16
.....cugucagaccauaGuuguu.....	1	1	c16
.....cugucagCcccauacuuguu.....	4	1	c16
.....cugucagaccauacuuguu.....	193	0	c16
.....cugucagUccauacuuguu.....	1	1	c16
.....cugucagaccauacuuCuu.....	1	1	c16
.....cugucagaccauacuuguuu.....	26	0	c16
.....cugucagaccauacuuguuA.....	3	1	c16
.....ugucagaccauacuuguu.....	20	0	c16
.....Ggucagaccauacuuguu.....	3	1	c16
.....ugucagaccauacuuCuu.....	1	1	c16
.....ugucagaccauacuuguuu.....	1	0	c16
.....gucagaccauacuuguuu.....	1	0	c16

Provisional ID	:	group21_30933
Score total	:	3294.9
Score for star read(s)	:	3.9
Score for read counts	:	3284.9
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	6455
Mature read count	:	5348
Loop read count	:	0
Star read count	:	1107





Mature **Star**

```
5'- aaugaauccuguguuuuugcuuuagaauuccuacgcuuuaccguugccaagauguugggcaaagcguuuggauucuaaaacgaaauaacgggauaucuucugaaaaacuggc  -3'   obs
    aaugaauccuguguuuuugcuuuagaauuccuacgcuuuaccguugccaagauguugggcaaagcguuuggauucuaaaacgaaauaacgggauaucuucugaaaaacuggc        exp
    ...(((((((((..(((((.((((((((((..(((((((.((...((......))..)).)))))))..)))))))))).)))))..)))))))..)).....            reads    mm    sample
    ...................uuuagaauuccuacgcuuu.....................................................................            5        0     c04
    ...................uuuagaauuccuacgcuuua....................................................................            1        0     c04
    ...................uuuagaauuccuacgcuuuac...................................................................            7        0     c04
    ...................uuuagaauuccuacgcuuuacc..................................................................            138      0     c04
    ...................Guuagaauuccuacgcuuuacc..................................................................            6        1     c04
    ...................uAuagaauuccuacgcuuuacc..................................................................            1        1     c04
    ...................uuuagaauuccuacgcGuuacc..................................................................            1        1     c04
    ...................uuuagaauuccuCcgcuuuacc..................................................................            1        1     c04
    ...................uuuagaauuccuacgcuuuaGc..................................................................            1        1     c04
    ...................uuuagaauuccCacgcuuuacc..................................................................            1        1     c04
    ...................uuuagaauucUuacgcuuuacc..................................................................            1        1     c04
    ...................uuuagaauuccuacgcuuuacA..................................................................            1        1     c04
    ...................uuuagaauuccuacgcCuuacc..................................................................            1        1     c04
    ...................uuuagaauuccuacgcuuuaccg.................................................................            2        0     c04
    ...................uuuagaauuccuacgcuuuaccA.................................................................            2        1     c04
    ...................uuuagaauuccuacgcuuuaccU.................................................................            1        1     c04
    ..........................................................caaagcguuuggauucuaaaG.....................................            1        1     c04
    ..........................................................caaagcguuuggauucuaaaa.....................................            6        0     c04
    ..........................................................caaagcguuuggauucuaaaac....................................            15       0     c04
    ..........................................................caaagcguuuggauucuaaaaA....................................            1        1     c04
    ..........................................................caaagcguuugUauucuaaaac....................................            1        1     c04
    ..........................................................caaagcguuuggauucuaaaacA...................................            1        1     c04
    ..........................................................caaagcguuuggauucuaaaacU...................................            1        1     c04
    ..........................................................caaagcguuuggauucuaaaacg...................................            1        0     c04

    ...................cuuuagaauuccuacgcuuuacc..................................................................            1        0     c16
    ...................uuuagaauuccuacgcuu.......................................................................            1        0     c16
    ...................uuuagaauuccuacgcuuC......................................................................            1        1     c16
    ...................uuuagaauuccuacgcuuu......................................................................            3        0     c16
    ...................Guuagaauuccuacgcuuu......................................................................            1        1     c16
    ...................Guuagaauuccuacgcuuuac....................................................................            1        1     c16
    ...................uuuagaauuccuacgcuuuac....................................................................            7        0     c16
    ...................uuuagaauuccuacgcuuuacc...................................................................            208      0     c16
```

Mature Star

aaugaauccuguguuuuugcuuuagaauuccuacgcuuuaccguugccaagauguugggcaaagcguuuggauucuaaaacgaaauaacgggauaucuucugaaaaacuggc

.....uuCagaauuccuacgcuuuacc.....	1	1	c16
.....uuuagaauCccuacgcuuuacc.....	1	1	c16
.....Guuagaauuccuacgcuuuacc.....	16	1	c16
.....Auuagaauuccuacgcuuuacc.....	2	1	c16
.....uuuagaauuccuacgcCuuacc.....	1	1	c16
.....uuuagaauuccuacgcuuuCcc.....	1	1	c16
.....uuuagaauucGuacgcuuuacc.....	1	1	c16
.....uuuagaaGuccuacgcuuuacc.....	1	1	c16
.....uuuagaauuccuCcgcuuuacc.....	3	1	c16
.....uuuagaauuccuacgcuuuacA.....	4	1	c16
.....uuuagaauuccuacgcuuuaccg.....	1	0	c16
.....uuuagaauuccuacgcuuuaccA.....	15	1	c16
.....uuuagaauuccuacgcuuuaccguug.....	1	0	c16
.....uagaauuccuacgcuuuacc.....	1	0	c16
.....gcaaagcguuuggauucuaaaa.....	1	0	c16
.....caaagcguuuggauucua.....	2	0	c16
.....caaagcguuuggauucuaa.....	2	0	c16
.....caaagAguuuggauucuaaa.....	1	1	c16
.....caaagcguuuggauucuaaa.....	18	0	c16
.....caaagcguuugCauucuaaa.....	1	1	c16
.....caaagcguuuggauucuaaaC.....	1	1	c16
.....caaagcguuuggauucuaaaa.....	35	0	c16
.....caaagcguuuggauucuaaaac.....	117	0	c16
.....caaagcguuuggauucuaaaaA.....	1	1	c16
.....caaagcguuuggauuAuaaaac.....	1	1	c16
.....Aaaagcguuuggauucuaaaac.....	1	1	c16
.....caaagcguuuggauAcuaaaac.....	1	1	c16
.....caaagcguuuggauucuaaaCc.....	1	1	c16
.....caaagcguuuggauucuaaaGc.....	1	1	c16
.....caaagcguuuggauucuaaaacA.....	5	1	c16
.....caaagcguuuggauucuaaaacU.....	6	1	c16
.....aaagcguuuggauucuaaaac.....	1	0	c16
.....cuuuagaauuccuacgcuuuac.....	1	0	c09
.....uuuagaauuccuacgcuu.....	17	0	c09
.....Guuagaauuccuacgcuu.....	1	1	c09
.....uuuagaauuccuacgcuuu.....	27	0	c09
.....uuuagaauuccuacgcuAu.....	1	1	c09
.....Guuagaauuccuacgcuuu.....	1	1	c09
.....uuuagaauuccuacgcuuuC.....	1	1	c09
.....uuuagaauuccuacgcuuua.....	29	0	c09
.....uuuagaauuccuacgcuuGa.....	1	1	c09
.....uuuagaauuccuacgcuuuac.....	74	0	c09
.....Cuuagaauuccuacgcuuuacc.....	1	1	c09
.....uuuagaauuccuacgcuuuacU.....	1	1	c09
.....uuuagaauuccuUcgcuuuacc.....	1	1	c09
.....uuuagaaCuccuacgcuuuacc.....	1	1	c09
.....Auuagaauuccuacgcuuuacc.....	4	1	c09
.....uuuagaauuccuacgGuuuacc.....	1	1	c09
.....uuuagaauuccuCcgcuuuacc.....	3	1	c09
.....uuuagaauuccuGcgcuuuacc.....	1	1	c09
.....Guuagaauuccuacgcuuuacc.....	39	1	c09
.....uuuagaauuccuacgcuuuacc.....	922	0	c09
.....uuuagaauuccuacgcuuuacA.....	4	1	c09
.....uuuagaauuUcuacgcuuuacc.....	2	1	c09
.....uuuagaauuccuaUgcuuuacc.....	1	1	c09
.....uuuagaauuccuacgcuuuacG.....	2	1	c09
.....uuuagaauuGcuacgcuuuacc.....	1	1	c09
.....uuuagaauGccuacgcuuuacc.....	1	1	c09
.....uuuagaauAccuacgcuuuacc.....	1	1	c09
.....uuuagaauCccuacgcuuuacc.....	1	1	c09
.....uuuagaauuccuacgcuuuaccC.....	2	1	c09
.....uuuagaauuccuacgcuuuaccA.....	3	1	c09
.....uuuagaauuccuacgcuuuaccU.....	4	1	c09
.....uuuagaauuccuacgcuuuaccg.....	1	0	c09
.....uuuagaauuccuacgcuuuaccUuu.....	1	1	c09
.....uuuagaauuccuacgcuuuaccguug.....	2	0	c09
.....uuuagaauuccuacgcuuuaccguugc.....	1	0	c09
.....uuuagaauuccuacgcuuuaccguugcc.....	1	0	c09
.....gcaaagcguuuggauucuaaa.....	1	0	c09

Mature Star

aaugaauccuguguuuuugcuuuagaauuccuacgcuuuaccguugccaagauguugggcaaagcguuuggauucuaaaacgaaauaacgggauaucuucugaaaaacuggc

..caaagcguuuggauucua..	5	0	c09
..caaagAguuuggauucua..	1	1	c09
..caaagcguuuggauucuaa..	4	0	c09
..caaagcguuuggauucuaaa..	19	0	c09
..caaagcguuuggauuGuaaaa..	1	1	c09
..caaagcguuuggauucuaaaa..	51	0	c09
..caaagcguuuggauucuaaaac..	113	0	c09
..caaagcguuuCgauucuaaaac..	1	1	c09
..caaaUcguuuggauucuaaaac..	1	1	c09
..caaagcguuuggauucuaaaaU..	1	1	c09
..caaagcguuuggauucuaaaacU..	6	1	c09
..caaagcguuuggauucuaaaacA..	11	1	c09
..caaagcguuuggauucuaaaaUg..	1	1	c09
..caaagcguuuggauucuaaaacC..	1	1	c09
..aaagcguuuggauucuaaaac..	3	0	c09

..cuuuagaauuccuacgcuuuacc..	2	0	c02
..Uuuuagaauuccuacgcuuuacc..	1	1	c02
..uuuagaauuccCacgcuu..	1	1	c02
..uuuagaauuccuacgcuu..	19	0	c02
..uuuagaauuccuacgcuuu..	19	0	c02
..Guuagaauuccuacgcuuu..	1	1	c02
..uuuagaauuccuacgcuuua..	22	0	c02
..Guuagaauuccuacgcuuua..	2	1	c02
..uuuagaauuccuacgcuuuac..	228	0	c02
..uuuagaauuccuacgcAuuac..	1	1	c02
..uuuagaauuccuacgAuuuac..	1	1	c02
..uuuagaauuccuaUgcuuuac..	1	1	c02
..uuuagaauuccuCcgcuuuac..	2	1	c02
..Guuagaauuccuacgcuuuac..	13	1	c02
..uuuagaauuccuacgcuGuac..	1	1	c02
..uuuaAaauuccuacgcuuuacc..	1	1	c02
..uuuagaauuccuacgcuuAacc..	2	1	c02
..uuuagaauuccuacgcuuCacc..	2	1	c02
..uuuaUaauuccuacgcuuuacc..	2	1	c02
..uuuagaauuccuacgcuGuacc..	1	1	c02
..uuuagaauuAcuacgcuuuacc..	1	1	c02
..uuuagaauuccuacUcuuuacc..	1	1	c02
..uuCagaauuccuacgcuuuacc..	2	1	c02
..uuuagaauuccuaUgcuuuacc..	1	1	c02
..uuuagaauuccuCcgcuuuacc..	20	1	c02
..uuuagaauuGcuacgcuuuacc..	2	1	c02
..uuuagaauuUcuacgcuuuacc..	2	1	c02
..uuuagaauucGuacgcuuuacc..	4	1	c02
..Guuagaauuccuacgcuuuacc..	207	1	c02
..uuuGgaauuccuacgcuuuacc..	1	1	c02
..uuuagaauuccuacgcuuuacG..	2	1	c02
..uuuagaauCccuacgcuuuacc..	1	1	c02
..uuuagaauucAuacgcuuuacc..	2	1	c02
..Auuagaauuccuacgcuuuacc..	11	1	c02
..uuuagaauuccuacgcuuGacc..	1	1	c02
..uuuagaauuccuacgcuuuacA..	5	1	c02
..uuuagaCuuccuacgcuuuacc..	2	1	c02
..uuuagaauuccuacgcAuuacc..	1	1	c02
..uuuagaauuccuacgcCuuacc..	2	1	c02
..uuuagaauuccuacgcGuuacc..	3	1	c02
..uuuagCauuccuacgcuuuacc..	2	1	c02
..uuuagaauuccuacgcuCuacc..	1	1	c02
..uuuagaauuccuacAcuuuacc..	2	1	c02
..uuuagaauuccuacgcuuuacc..	3048	0	c02
..uuuagaauuccuUcgcuuuacc..	1	1	c02
..uuuagaauuccuacCcuuuacc..	4	1	c02
..uuuagaauucUuacgcuuuacc..	1	1	c02
..uuuagaGuuccuacgcuuuacc..	2	1	c02
..uuuagaauuccuacgcuuuCcc..	8	1	c02
..uuuagaauuccuaAgcuuuacc..	3	1	c02
..uuuagaauuccuaGgcuuuacc..	2	1	c02
..uuuagaauuccuacgcuuuacU..	2	1	c02
..uuuagaauuccuacgcuuuaAc..	7	1	c02
..uuuagaaGuccuacgcuuuacc..	3	1	c02

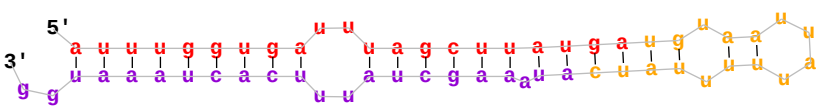
Mature Star

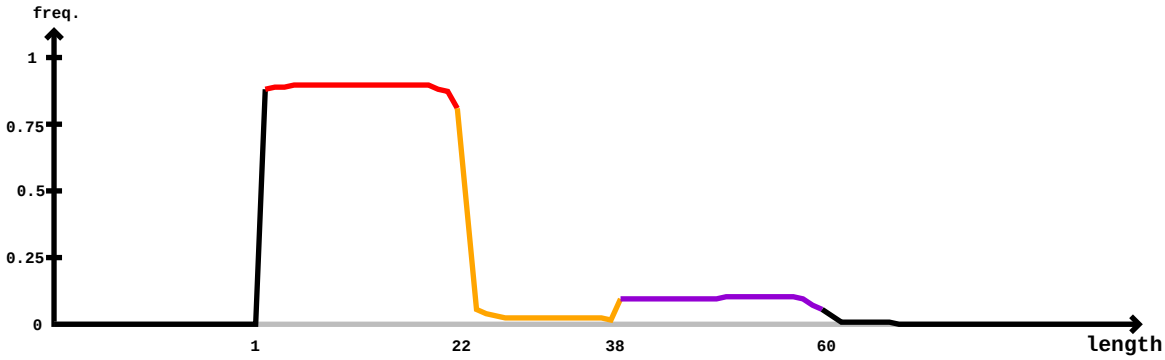
aaugaauccuguguuuuugcuuuagaauuccuacgcuuuaccguugccaagauguuggg caaagcguuuggauucuaaaac gaaauaacgggauaucuucugaaaaacuggc

.....uuuagaauuccuacgcuuuaUc.....	3	1	c02
.....Guuagaauuccuacgcuuuaccg.....	2	1	c02
.....uuuagaauuccuacgcuuuaccC.....	2	1	c02
.....uuuagaauuccuacgcuuuaccg.....	10	0	c02
.....uuuagaauuccuacgcuuuaccU.....	10	1	c02
.....uuuagaauuccuacgcuuuaccA.....	27	1	c02
.....uuuagaauuccuacgcuuuaccAu.....	1	1	c02
.....uuuagaauuccuacgcuuuaccgu.....	1	0	c02
.....uuuagaauuccuacgcuuuaccgG.....	1	1	c02
.....uuuagaauuccuacgcuuuaccUu.....	1	1	c02
.....Guuagaauuccuacgcuuuaccguu.....	1	1	c02
.....uuuagaauuccuacgcuuuaccguug.....	2	0	c02
.....uuuagaauCccuacgcuuuaccguug.....	1	1	c02
.....uuuagaauuccuacgcuuuaccguugc.....	2	0	c02
.....Auuagaauuccuacgcuuuaccguugcc.....	1	1	c02
.....uuuagaauuccuacgcuuuaccguugcc.....	1	0	c02
.....uuagaauuccuacgcuuuacc.....	1	0	c02
.....caaagcguuuggauucua.....	4	0	c02
.....caaagcguuugUauucuaa.....	1	1	c02
.....caaGgcguuuggauucuaa.....	1	1	c02
.....caaagcguuuggauucuaa.....	30	0	c02
.....caaagcguuuggauucuaU.....	1	1	c02
.....caaagcguuugAauucuaa.....	1	1	c02
.....caaagcguuuggauucuaaa.....	76	0	c02
.....caaagcguuuggauucuaaU.....	1	1	c02
.....caaaCcguuuggauucuaaa.....	1	1	c02
.....caaagcguuuggauucCaaa.....	1	1	c02
.....caaagcguuuggauuAuaaaa.....	1	1	c02
.....caaagcguuuggauucuaaaa.....	141	0	c02
.....caaagcguuuggauucuaaaC.....	1	1	c02
.....caaagcCuuuggauucuaaaa.....	1	1	c02
.....caaaCcguuuggauucuaaaa.....	1	1	c02
.....caaagcguuuggaAucuaaaa.....	2	1	c02
.....cGaagcguuuggauucuaaaa.....	1	1	c02
.....caaagUguuuggauucuaaaac.....	1	1	c02
.....caaagcguuuggauucuaaCac.....	1	1	c02
.....caaagcUuuuggauucuaaaac.....	1	1	c02
.....caaagAguuuggauucuaaaac.....	1	1	c02
.....caaagcguuuggauucuaaaaA.....	16	1	c02
.....caaagcguuuggauucuaaaac.....	284	0	c02
.....caaagcguGuggauucuaaaac.....	1	1	c02
.....caaagcguAuggauucuaaaac.....	1	1	c02
.....caaagcguuuggauAcuaaaac.....	2	1	c02
.....caaagcguuugCauucuaaaac.....	1	1	c02
.....caaCgcguuuggauucuaaaac.....	1	1	c02
.....caaagcguuuggauucuaaaacA.....	48	1	c02
.....caaagcguuuggauucuaaaacg.....	3	0	c02
.....caaagcguuuggauucuaaaacC.....	2	1	c02
.....caaagcguuuggauucuaaaacU.....	27	1	c02
.....caaagcguuuggauucuaaaacAa.....	1	1	c02

.....uuuagaauuccuacgcuuuac.....	1	0	c15
.....uuuagaauuccuacgcuuuacA.....	1	1	c15
.....uuuagaauuccuacgcuuuacc.....	6	0	c15
.....caaagcguuuggauucuaaa.....	1	0	c15
.....caaagcguuuggauucuaaaa.....	1	0	c15
.....caaagcguuuggauucuaaaac.....	6	0	c15

Provisional ID	:	group2_2696
Score total	:	65.7
Score for star read(s)	:	3.9
Score for read counts	:	56.2
Score for mfe	:	1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	122
Mature read count	:	110
Loop read count	:	0
Star read count	:	12





Mature **Star**

```
5'- aauauauaccaagucauguuauuuggugauuuagcuuaugauguaauuauuuuuuaucauaaagcuauuucacuaaaaugguauugcuuuggggguuuucuacggaauggugua  -3'   obs
    aauauauaccaagucauguuauuuggugauuuagcuuaugauguaauuauuuuuuaucauaaagcuauuucacuaaaaugguauugcuuuggggguuuucuacggaauggugua        exp
    ....((((((((((.(((((((((((((..((((((((((((.((....)).)))))).)))))))..)))))))))))))))).)))........(((....)))))))))   reads    mm       sample
    ..................auuuggugauuuagcuua.....................................................................................   2        0        c04
    ..................auuuggugauuuagcuuau.....................................................................................   1        0        c04
    ..................auuuggugauuuagcuuaug....................................................................................   7        0        c04
    ..................auuuggugauuuagcuuauU....................................................................................   1        1        c04
    ..................auuuggugauuuagcuuauga...................................................................................   63       0        c04
    ..................Cuuuggugauuuagcuuauga...................................................................................   4        1        c04
    ..................auuuggugauuuagcuuaugau..................................................................................   10       0        c04
    ..................Cuuuggugauuuagcuuaugaug.................................................................................   1        1        c04
    ..................auuuggugauuuagcuuaugaug.................................................................................   1        0        c04
    ..................auuuggugauuuagcuuaugaugu................................................................................   1        0        c04
    ..................auuuggugauuuagcuuaugaugua...............................................................................   1        0        c04
    ..................auuuggugauuuagcuuaugauguaauuauuuuuuau...................................................................   1        0        c04
    ..................auuuggugauuuagcuuaugauguaauuauuuuuuauc..................................................................   2        0        c04
    ..................uuuggugauuuagcuuauga....................................................................................   1        0        c04
    ....................uggugauuuagcuuaugau....................................................................................   1        0        c04
    ..........................................................auaaagcuauuucacuaaa.....................................   1        0        c04
    ..........................................................auaaagcuauuucacuaaau....................................   3        0        c04
    ..........................................................auaaagcuauuucacuaaaug...................................   2        0        c04
    ..........................................................auaaagcuauuucacuaaaugg..................................   4        0        c04
    ..............................................................ucacuaaaCgguauugcu...................................   1        1        c04

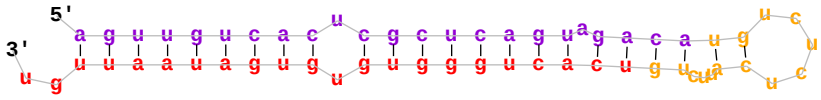
    ..................auuuggugauuuagcuuauga...................................................................................   2        0        c16
    ..................auuuggugauuuagGuuauga...................................................................................   1        1        c16
    ..................Cuuuggugauuuagcuuauga...................................................................................   1        1        c16

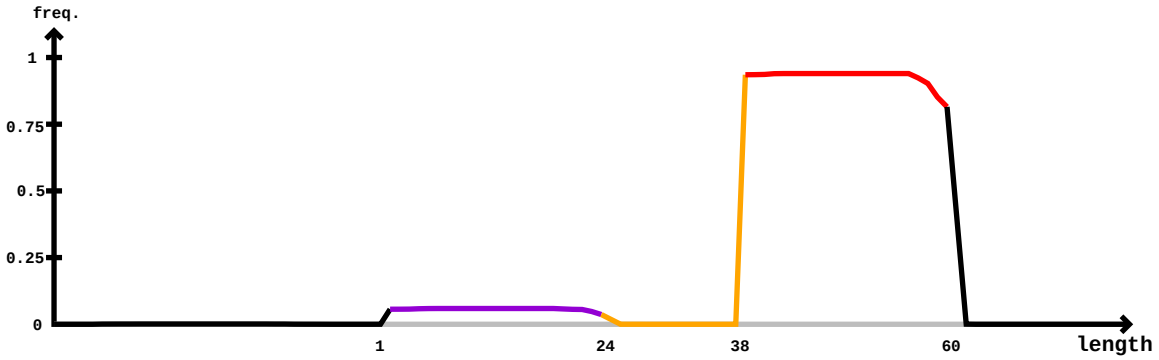
    ..................auuuggugauuuagGuuauga...................................................................................   1        1        c09

    ..................auuuggugauuuagcuuauga...................................................................................   9        0        c15
    ..................auuuggugauuuagcuuaugau..................................................................................   1        0        c15
    ..........................................................auaaagcuauuucacuaaaugg..................................   2        0        c15

    ..................auuuggugauuuagGuuauga...................................................................................   1        1        c02
```

Provisional ID	:	group2_2697
Score total	:	17949.8
Score for star read(s)	:	3.9
Score for read counts	:	17939.9
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	35200
Mature read count	:	33120
Loop read count	:	0
Star read count	:	2080





Star **Mature**

```
5'- cucucaucaucaucaucaucugucacuaguaguugucacucgcucaguagacaugucucucauucugucacuggguguguguauaauuguuagcgacuaaugcuacau  -3'   obs
    cucucaucaucaucaucaucugucacuaguaguugucacucgcucaguagacaugucucucauucugucacuggguguguguauaauuguuagcgacuaaugcuacau        exp
    ..................(((..(((.(((((((((((((((.(((((((.(((((((.....))...)))))))))))).)))))))))))))).)))..))).....   reads      mm         sample
    ...Gcaucaucaucaucauca.....................................................................................   1          1          c02
    ...ucaucaucaucaucauca.....................................................................................   4          0          c02
    ...ucaucaucaucaucaucauc...................................................................................   6          0          c02
    ...Gcaucaucaucaucaucauc...................................................................................   1          1          c02
    ...ucaucaucaucaucaucaucu..................................................................................   1          0          c02
    ....caucaucaucaucaucauc...................................................................................   1          0          c02
    ....caucaucaucaucaucaGc...................................................................................   1          1          c02
    ..........................................................................ucacuggguguguguGa...............   1          1          c02

    .....aucaucaucaucaucaucugu................................................................................   1          0          c15
    .......caucaucaucaucaucuguc...............................................................................   2          0          c15
    ............................aguugucacucgcucaguaga..........................................................   1          0          c15
    ............................Gguugucacucgcucaguaga..........................................................   1          1          c15
    ............................aguugucacucgcucaguagac.........................................................   1          0          c15
    ............................aguugucacucgcucaguagaU.........................................................   1          1          c15
    ............................aguugucacucgcucaguagaca........................................................   4          0          c15
    ..........................................................................ucacuAgguguguguauaauugu..........   1          1          c15
    ..........................................................................ucacuggguguguguauaauugu..........   12         0          c15
    ..........................................................................Gcacuggguguguguauaauugu..........   1          1          c15
    ..........................................................................ucacuggguguguguGauuugu...........   4          1          c15

    ...ucaucaucaucaucauca.....................................................................................   1          0          c09
    ...ucaucCucaucaucaucauc...................................................................................   1          1          c09
    ...ucaucaucaucaucaucauc...................................................................................   4          0          c09
    ...ucaucaucaucaucaucaucG..................................................................................   1          1          c09
    ...ucaucaucaucaucaucAgu...................................................................................   1          1          c09
    ....caucaucaucaucaucauc...................................................................................   1          0          c09
    ......ucaucaucaucaucaucu..................................................................................   1          0          c09
    ............................aguugucacucgcucaguagac.........................................................   1          0          c09
    ..........................................................................ucacuggguguguguGau..............   1          1          c09
    ..........................................................................ucacuggguguguguGauug............   1          1          c09
    ..........................................................................ucacuggguguguguGauugu...........   16         1          c09
    ..........................................................................ucacuggguguguguauaauugu..........   1          0          c09
```

Star Mature

cucucaucaucaucaucaucugucacuaguaguugucacucgcucaguagacaugucucucauucugucacugggugugugauaauugguagcgacuaaugcuacau

.....ucacugggugugugauGauuguu.....	1	1	c09
...ucaucaucaucaucaucauc.....	1	0	c16
...ucaucaucaucaucaucucC.....	1	1	c16
......ucaucaucaucaucucCu.....	1	1	c16
.....aguugucacucgcucaguagac.....	1	0	c16
.....ucacugggugugugauGau.....	1	1	c16
.....ucacugggugugugauGauugu.....	9	1	c16
.....ucacugggugugugauGauuguu.....	1	1	c16
.Acucaucaucaucaucauc.....	1	1	c04
...ucaucaucaucaucaGc.....	1	1	c04
.....aucaucaucaucaucaGc.....	2	1	c04
...........ucaucaucaucugucacuagu.....	1	0	c04
.....uGguugucacucgcucaguag.....	1	1	c04
.....uaguugucacucgUucaguaga.....	1	1	c04
.....uaguugucacucgUucaguagaca.....	2	1	c04
.....aguugucacucgcuAagu.....	1	1	c04
.....aguugucacucgcucaAu.....	1	1	c04
.....aguuAucacucgcucagu.....	1	1	c04
.....Cguugucacucgcucagu.....	1	1	c04
.....aguugucacucAcucagu.....	1	1	c04
.....aguugucacucgcucagu.....	50	0	c04
.....aguugucacucgcucaguU.....	1	1	c04
.....aguuAucacucgcucagua.....	1	1	c04
.....Cguugucacucgcucagua.....	3	1	c04
.....aguugucacucgcucagua.....	48	0	c04
.....aguugucacucgcucaguag.....	20	0	c04
.....aguugucacucgAucaguag.....	1	1	c04
.....aguugucCcucgcucaguaga.....	1	1	c04
.....aguugucacucgcucaguaAa.....	1	1	c04
.....aguugucacucgcuAaguaga.....	1	1	c04
.....aguugucacucgcucaguaga.....	237	0	c04
.....aguuAucacucgcucaguaga.....	3	1	c04
.....aguugucacucAcucaguaga.....	1	1	c04
.....aguugucacucgcucGguaga.....	1	1	c04
.....aguugucacucgcucaCuaga.....	1	1	c04
.....Cguugucacucgcucaguaga.....	8	1	c04
.....Gguugucacucgcucaguaga.....	1	1	c04
.....aguuAucacucgcucaguagac.....	11	1	c04
.....Cguugucacucgcucaguagac.....	17	1	c04
.....aguugucCcucgcucaguagac.....	2	1	c04
.....aguugucacucgcucaguagaA.....	4	1	c04
.....aguugucacuAgcucaguagac.....	2	1	c04
.....aguugucacucgcucaguUgac.....	2	1	c04
.....aguuUucacucgcucaguagac.....	1	1	c04
.....aguugucacucAcucaguagac.....	1	1	c04
.....aguugucacucgcucagCagac.....	1	1	c04
.....aguugucacucgcucaguagac.....	327	0	c04
.....aguGgucacucgcucaguagac.....	1	1	c04
.....aguugucacucgcucGguagac.....	1	1	c04
.....aguugucacucgcucaguagaG.....	1	1	c04
.....aguugucacucgcucaguagaU.....	3	1	c04
.....aguugucacucgcucaCuagac.....	2	1	c04
.....aguugucacucgcucaguagCc.....	1	1	c04
.....aguugucacucgcucCguagac.....	1	1	c04
.....aCuugucacucgcucaguagaca.....	1	1	c04
.....aguuUucacucgcucaguagaca.....	4	1	c04
.....aguugucacucAcucaguagaca.....	3	1	c04
.....aguugucacucgAucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagCca.....	1	1	c04
.....Cguugucacucgcucaguagaca.....	28	1	c04
.....aguugAcacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguUgaca.....	1	1	c04
.....aguAgucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcGcaguagaca.....	1	1	c04
.....aguuCucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaCuagaca.....	2	1	c04
.....aguuAucacucgcucaguagaca.....	38	1	c04
.....aguugucacucgcuAaguagaca.....	1	1	c04

Star Mature

cucucaucaucaucaucaucugucacuaguaguugucacucgcucaguagacaugucucucauucugucacugggugugugauaauugguagcgacuaaugcuacau

.....aguugucacucgUucaguagaca.....	5	1	c04
.....aguugucacucgcucaguaCaca.....	1	1	c04
.....aguCgucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagacU.....	265	1	c04
.....aguugucacucgcucaguagaca.....	746	0	c04
.....aguugucCcucgcucaguagaca.....	1	1	c04
.....aUuugucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagacC.....	4	1	c04
.....aguugucacucgcucaguagaUa.....	2	1	c04
.....aguugucacucgcucaguagacaC.....	2	1	c04
.....aguugucacucgcucaguagacUu.....	20	1	c04
.....aguugucCcucgcucaguagacau.....	1	1	c04
.....aguugucacucgcucaguagacau.....	60	0	c04
.....aguugucacucgcucaguagacaA.....	3	1	c04
.....aguuAucacucgcucaguagacau.....	1	1	c04
.....Cguugucacucgcucaguagacau.....	2	1	c04
.....aguugucacucAcucaguagacau.....	1	1	c04
.....aguugucacucgcucaguagacaG.....	3	1	c04
.....aguugucacucgcucaguagacauU.....	4	1	c04
.....aguugucacucgcucaguagacaCg.....	1	1	c04
.....aguugucacucgcucaguagacaug.....	1	0	c04
.....aguugucacucgcucUguagacaugucuc.....	1	1	c04
.....Auugucacucgcucaguaga.....	1	1	c04
.....Cuugucacucgcucaguaga.....	2	1	c04
.....guugucacucgcucaguaga.....	1	0	c04
.....Auugucacucgcucaguagaca.....	1	1	c04
.....uugucacucgcucaguaga.....	2	0	c04
.....Gugucacucgcucaguagac.....	1	1	c04
.....uugucacucgcucaguagaca.....	4	0	c04
.....uugucacucgcucaguagacU.....	3	1	c04
.....ugucacucgcucaguaga.....	3	0	c04
.....Ggucacucgcucaguagac.....	1	1	c04
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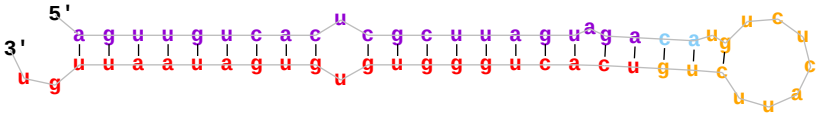
.....uAucacucgcucaguagaca.....	1	1	c04
.....Ggucacucgcucaguagaca.....	1	1	c04
.....uUucacucgcucaguagaca.....	1	1	c04
.....ugucacucgcucaguagacU.....	5	1	c04
.....ugucacucgcucaguagaca.....	27	0	c04
.....uUucacucgcucaguagacauguc.....	1	1	c04
.....gucacucgcucaguagac.....	1	0	c04
.....gAcacucgcucaguagac.....	1	1	c04
.....Aucacucgcucaguagaca.....	1	1	c04
.....gucacucgcucaguagacU.....	1	1	c04
.....gucacucgcucaguagaca.....	19	0	c04
.....gucacucgcucaguagacUu.....	1	1	c04
.....ucacucgcucaguagaca.....	4	0	c04
.....ucacucgcucaguagacU.....	1	1	c04
.....gucacuggguguguguGau.....	1	1	c04
.....Cucacuggguguguguauauugu.....	2	1	c04
.....ucacuggguguguguAaa.....	1	1	c04
.....ucacuggguguguguauaC.....	2	1	c04
.....ucacuggguguguguauCa.....	1	1	c04
.....ucacuggguguguguauGa.....	564	1	c04
.....ucacuggguguguguauaU.....	3	1	c04
.....ucacuggguguguguauaG.....	1	1	c04
.....ucacuggguguguguauaa.....	10	0	c04
.....ucacuggguguguguauaau.....	26	0	c04
.....ucacuggguguguguauGau.....	691	1	c04
.....ucacuggguguguguauaaC.....	1	1	c04
.....ucacuCgguguguguauaau.....	1	1	c04
.....ucacuggguguguguauaaA.....	1	1	c04
.....Gcacuggguguguguauaau.....	2	1	c04
.....ucacuggguguguguauGauu.....	1747	1	c04
.....ucacuggguguguguauaaCu.....	1	1	c04
.....ucacuggguguguguauUauu.....	1	1	c04
.....ucacuggguguguguauCauu.....	1	1	c04
.....ucacuggguguguguauaauA.....	1	1	c04
.....ucacuggguguguguauaauu.....	46	0	c04
.....ucacuggguguguguauCauug.....	1	1	c04
.....ucacuggguguguguauaauug.....	36	0	c04

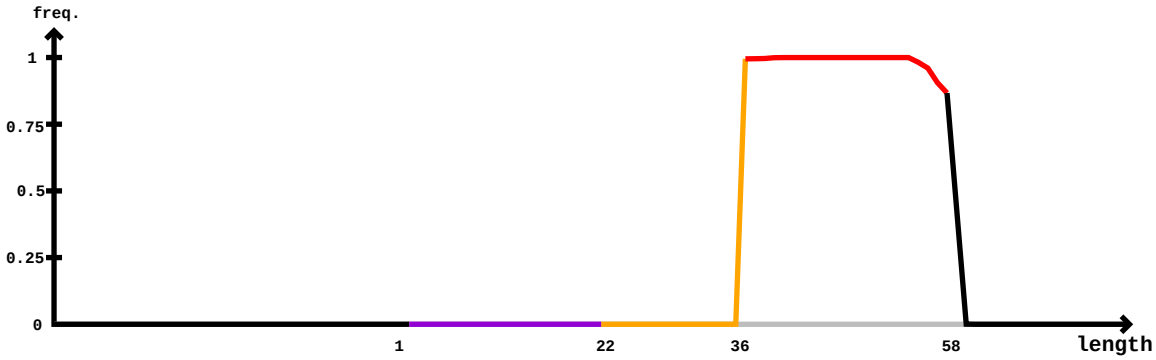
Star Mature

cucucaucaucaucaucaucugucacuaguaguugucacucgcucaguagacaugucucucauucugucacuggguguguguauaauuguuagcgacuaaugcuacau

.....ucacuggguguguguGauug.....	1247	1	c04
.....GcacuggguguguguauaauuG.....	3	1	c04
.....ucacuggguguguguauaauuGu.....	708	0	c04
.....ucacuggguCuguguauaauuGu.....	1	1	c04
.....ucacuggguguguguUauuGu.....	14	1	c04
.....ucacuggguguguCauaauuGu.....	1	1	c04
.....ucacugCguguguguauaauuGu.....	1	1	c04
.....ucacuggguguguguGauuGu.....	27173	1	c04
.....ucacuggguguguguCauuGu.....	18	1	c04
.....ucacuggguguguCguauaauuGu.....	1	1	c04
.....ucacuggguguguguauaaCugu.....	1	1	c04
.....ucacuggguguguguauaUuuGu.....	1	1	c04
.....ucacuggguguguguauaaAuGu.....	1	1	c04
.....GcacuggguguguguauaauuGu.....	48	1	c04
.....ucacugggGguguguauaauuGu.....	1	1	c04
.....Gcacuggguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguauaauuguA.....	7	1	c04
.....ucacuggguguguguauaauuGu.....	1	1	c04
.....ucacuCgguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguGauuguu.....	504	1	c04
.....ucacuggguguguguauaauuguC.....	1	1	c04
.....ucacuggguguguguauaauuguu.....	19	0	c04
.....ucacuggguguguguGauuguua.....	10	1	c04
.....ucacuggguguguguauaauuguAa.....	1	1	c04
.....ucacuggguguguguauaauuguuC.....	1	1	c04
.....ucacuggguguguguauaauuguuU.....	3	1	c04
.....ucacuggguguguguGauuguuag.....	1	1	c04
.....cacuggguguguguGauu.....	2	1	c04
.....cacuggguguguguGauug.....	1	1	c04
.....cacuggguguguguGauuGu.....	11	1	c04
.....cacuggguguguguGauuguu.....	1	1	c04
.....aGuggguguguguauaauu.....	1	1	c04
.....acuggguguguguGauu.....	4	1	c04
.....acuggguguguguauaauuGu.....	4	0	c04
.....acuggguguguguGauuGu.....	19	1	c04
.....cuggguguguguGauug.....	2	1	c04
.....cuggguguguguGauuGu.....	96	1	c04
.....cuggguguguguGauuguu.....	1	1	c04
.....cuggguguguguauaauuguu.....	1	0	c04
.....uggguguguguGauuGu.....	17	1	c04

Provisional ID	:	group2_2699
Score total	:	16891.2
Score for star read(s)	:	3.9
Score for read counts	:	16881.5
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	33124
Mature read count	:	33120
Loop read count	:	0
Star read count	:	4





Star **Mature**

```
5'- aguuccugcucucaucaucaucaucugucacuuguaguugucacucgcuuaguagacaugucucauucugucacuggguguguguauaauuguuagcgacugaugcuacau  -3'   obs
    aguuccugcucucaucaucaucaucugucacuuguaguugucacucgcuuaguagacaugucucauucugucacuggguguguguauaauuguuagcgacugaugcuacau        exp
    .....................((((.(((.((..((((((((((.(((((((((.((((.(.......)))))))))))))).)))))))))..)).)))..)))).....   reads     mm        sample
    .........ucucaucUucaucaucugu.....................................................................................   1         1         c09
    ..........................................................ucacuggguguguguauGau.....................   1         1         c09
    ..........................................................ucacuggguguguguauGauug...................   1         1         c09
    ..........................................................ucacuggguguguguauGauugu..................   16        1         c09
    ..........................................................ucacuggguguguguauaauugu..................   1         0         c09
    ..........................................................ucacuggguguguguauGauuguu.................   1         1         c09

    ..........................................................ucacuggguguguguauGau.....................   1         1         c16
    ..........................................................ucacuggguguguguauGauugu..................   9         1         c16
    ..........................................................ucacuggguguguguauGauuguu.................   1         1         c16

    ................................aguugucacucgcuAagu.....................................................   1         1         c04
    ................................aguugucacucgcuuaguaga..................................................   1         0         c04
    ................................aguugucacucgcuAaguaga..................................................   1         1         c04
    ................................aguugucacucgcuAaguagaca.................................................   1         1         c04
    ..........................................................gucacuggguguguguauGau.....................   1         1         c04
    ..........................................................Cucacuggguguguguauaauugu..................   2         1         c04
    ..........................................................ucacuggguguguguaAaa.......................   1         1         c04
    ..........................................................ucacuggguguguguauaG.......................   1         1         c04
    ..........................................................ucacuggguguguguauaU.......................   3         1         c04
    ..........................................................ucacuggguguguguauaa.......................   10        0         c04
    ..........................................................ucacuggguguguguauaC.......................   2         1         c04
    ..........................................................ucacuggguguguguauGa.......................   564       1         c04
    ..........................................................ucacuggguguguguauCa.......................   1         1         c04
    ..........................................................ucacuggguguguguauaaA......................   1         1         c04
    ..........................................................ucacuggguguguguauGau.....................   691       1         c04
    ..........................................................Gcacuggguguguguauaau.....................   2         1         c04
    ..........................................................ucacuggguguguguauaau.....................   26        0         c04
    ..........................................................ucacuggguguguguauaaC.....................   1         1         c04
    ..........................................................ucacuCgguguguguauaau.....................   1         1         c04
    ..........................................................ucacuggguguguguauUauu....................   1         1         c04
    ..........................................................ucacuggguguguguauaauaA...................   1         1         c04
    ..........................................................ucacuggguguguguauaaCu....................   1         1         c04
```

Star Mature

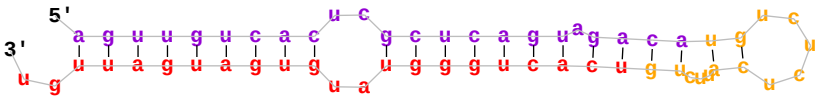
aguuccugcucucaucaucaucaucugucacuugu**aguugucacucgcuuaguaga**caugucucauucug**ucacuggguguguguauaauugu**uagcgacugaugcuacau

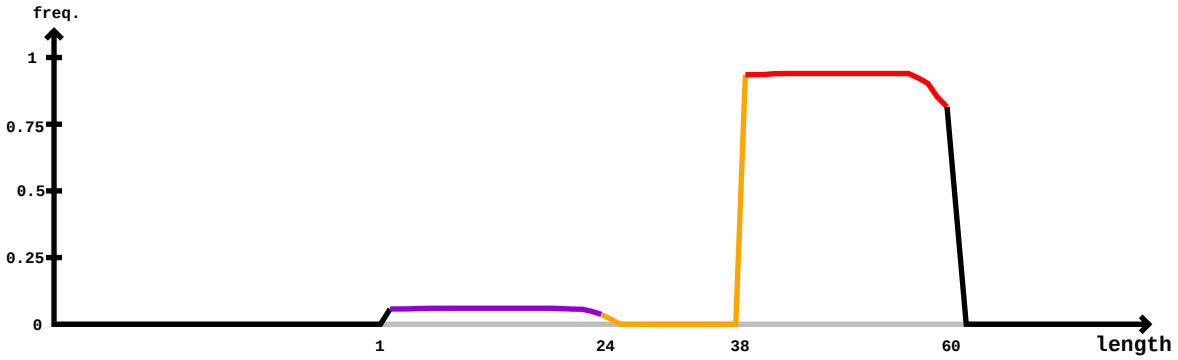
.....ucacuggguguguguGauu.....	1747	1	c04
.....ucacuggguguguguCauu.....	1	1	c04
.....ucacuggguguguguauaauu.....	46	0	c04
.....ucacuggguguguguauaauug.....	36	0	c04
.....ucacuggguguguguGauug.....	1247	1	c04
.....Gcacuggguguguguauaauug.....	3	1	c04
.....ucacuggguguguguCauug.....	1	1	c04
.....Gcacuggguguguguauaauugu.....	48	1	c04
.....ucacuggguguguguauaaCugu.....	1	1	c04
.....ucacuggguguguGcguaauugu.....	1	1	c04
.....ucacuggguguguguauaUuugu.....	1	1	c04
.....ucacuggguguguguauaauuugu.....	708	0	c04
.....ucacuggguguguguauaaAugu.....	1	1	c04
.....ucacugCguguguguauaauugu.....	1	1	c04
.....ucacuggguguguguCauugu.....	18	1	c04
.....ucacuggguguguCauaauugu.....	1	1	c04
.....ucacuggguCuguguauaauugu.....	1	1	c04
.....ucacugggGguguguauaauugu.....	1	1	c04
.....ucacuggguguguguUauugu.....	14	1	c04
.....ucacuggguguguguGauugu.....	27173	1	c04
.....ucacuggguguguguauaauuguu.....	19	0	c04
.....ucacuggguguguguauaauuguA.....	7	1	c04
.....ucacuggguguguguauaauugGu.....	1	1	c04
.....ucacuCgguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguauaauuguC.....	1	1	c04
.....Gcacuggguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguGauuguu.....	504	1	c04
.....ucacuggguguguguauaauuguuC.....	1	1	c04
.....ucacuggguguguguGauuguua.....	10	1	c04
.....ucacuggguguguguauaauuguAa.....	1	1	c04
.....ucacuggguguguguauaauuguuU.....	3	1	c04
.....ucacuggguguguguGauuguuag.....	1	1	c04
.....cacuggguguguguGauu.....	2	1	c04
.....cacuggguguguguGauug.....	1	1	c04
.....cacuggguguguguGauugu.....	11	1	c04
.....cacuggguguguguGauuguu.....	1	1	c04
.....acuggguguguguGauu.....	4	1	c04
.....aGuggguguguguauaauu.....	1	1	c04
.....acuggguguguguGauugu.....	19	1	c04
.....acuggguguguguauaauugu.....	4	0	c04
.....cuggguguguguGauug.....	2	1	c04
.....cuggguguguguGauugu.....	96	1	c04
.....cuggguguguguGauuguu.....	1	1	c04
.....cuggguguguguauaauuguu.....	1	0	c04
.....ugggugugugauGauugu.....	17	1	c04

.....ucacuggguguguguGauugu.....	4	1	c15
.....Gcacuggguguguguauaauugu.....	1	1	c15
.....ucacuggguguguguauaauugu.....	12	0	c15
.....ucacuAgguguguguauaauugu.....	1	1	c15

.....ucacuggguguguguGa.....	1	1	c02

Provisional ID	:	group2_2701
Score total	:	17682.8
Score for star read(s)	:	3.9
Score for read counts	:	17672.7
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	34676
Mature read count	:	32596
Loop read count	:	0
Star read count	:	2080





Star **Mature**

```
5'- uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca  -3'   obs
    uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca        exp
    .....................((((..((((((((((((((((..(((((((.((((((.....))...))))))))))..))))))))))))))))..))))........  reads   mm   sample
    ................................aguugucacucgcucaguagac.....................................................  1       0    c09
    ....................................................................ucacuggguGugugaugau.....................  1       1    c09
    ....................................................................ucacuggguGugugaguug.....................  1       1    c09
    ....................................................................ucacuggguGugugaguugu....................  16      1    c09
    ....................................................................ucacuggguGugugauuguu....................  1       1    c09

    ................................uGguugucacucgcucaguag.....................................................  1       1    c04
    ................................uaguugucacucgUucaguaga....................................................  1       1    c04
    ................................uaguugucacucgUucaguagaca..................................................  2       1    c04
    ................................aguuAucacucgcucagu........................................................  1       1    c04
    ................................aguugucacucgcucaAu........................................................  1       1    c04
    ................................aguugucacucgcucagu........................................................  50      0    c04
    ................................aguugucacucgcuAagu........................................................  1       1    c04
    ................................Cguugucacucgcucagu........................................................  1       1    c04
    ................................aguugucacucAcucagu........................................................  1       1    c04
    ................................aguugucacucgcucagua.......................................................  48      0    c04
    ................................aguugucacucgcucaguU.......................................................  1       1    c04
    ................................Cguugucacucgcucagua.......................................................  3       1    c04
    ................................aguuAucacucgcucagua.......................................................  1       1    c04
    ................................aguugucacucgAucaguag......................................................  1       1    c04
    ................................aguugucacucgcucaguag......................................................  20      0    c04
    ................................aguugucacucgcuAaguaga.....................................................  1       1    c04
    ................................aguugucCcucgcucaguaga.....................................................  1       1    c04
    ................................aguugucacucgcucaCuaga.....................................................  1       1    c04
    ................................Gguugucacucgcucaguaga.....................................................  1       1    c04
    ................................aguugucacucgcucGguaga.....................................................  1       1    c04
    ................................aguugucacucgcucaguaga.....................................................  237     0    c04
    ................................aguuAucacucgcucaguaga.....................................................  3       1    c04
    ................................Cguugucacucgcucaguaga.....................................................  8       1    c04
    ................................aguugucacucgcucaguaAa.....................................................  1       1    c04
    ................................aguugucacucAcucaguaga.....................................................  1       1    c04
    ................................aguugucacucgcucaguUgac....................................................  2       1    c04
    ................................aguugucacucgcucGguagac....................................................  1       1    c04
```

Star Mature

uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca

.....aguugucacuAgcucaguagac.....	2	1	c04
.....aguugucacucgcucaguagaU.....	3	1	c04
.....aguugucacucgcucCguagac.....	1	1	c04
.....aguugucacucgcucagCagac.....	1	1	c04
.....aguugucacucgcucaCuagac.....	2	1	c04
.....aguuAucacucgcucaguagac.....	11	1	c04
.....aguugucacucgcucaguagaA.....	4	1	c04
.....aguugucacucgcucaguagaG.....	1	1	c04
.....aguuUucacucgcucaguagac.....	1	1	c04
.....aguugucacucgcucaguagCc.....	1	1	c04
.....aguugucacucAcucaguagac.....	1	1	c04
.....aguugucacucgcucaguagac.....	327	0	c04
.....aguGgucacucgcucaguagac.....	1	1	c04
.....Cguugucacucgcucaguagac.....	17	1	c04
.....aguugucCcucgcucaguagac.....	2	1	c04
.....aguuAucacucgcucaguagaca.....	38	1	c04
.....aguugucacucgcucaguaCaca.....	1	1	c04
.....aguuUucacucgcucaguagaca.....	4	1	c04
.....aguugucacucgcucaguagaUa.....	2	1	c04
.....aguugucacucgcucaCuagaca.....	2	1	c04
.....aguugucacucgAucaguagaca.....	1	1	c04
.....aCuugucacucgcucaguagaca.....	1	1	c04
.....aguugucCcucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagacU.....	265	1	c04
.....Cguugucacucgcucaguagaca.....	28	1	c04
.....aguugAcacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcuAaguagaca.....	1	1	c04
.....aUuugucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguUgaca.....	1	1	c04
.....aguAgucacucgcucaguagaca.....	1	1	c04
.....aguuCucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgUucaguagaca.....	5	1	c04
.....aguugucacucgcucaguagCca.....	1	1	c04
.....aguugucacucgcucaguagacC.....	4	1	c04
.....aguugucacucAcucaguagaca.....	3	1	c04
.....aguCgucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagaca.....	746	0	c04
.....aguugucacucgcGcaguagaca.....	1	1	c04
.....aguugucacucgcucaguagacaA.....	3	1	c04
.....aguugucacucgcucaguagacau.....	60	0	c04
.....aguugucCcucgcucaguagacau.....	1	1	c04
.....aguugucacucgcucaguagacaC.....	2	1	c04
.....aguugucacucAcucaguagacau.....	1	1	c04
.....aguugucacucgcucaguagacaG.....	3	1	c04
.....aguugucacucgcucaguagacUu.....	20	1	c04
.....Cguugucacucgcucaguagacau.....	2	1	c04
.....aguuAucacucgcucaguagacau.....	1	1	c04
.....aguugucacucgcucaguagacaCg.....	1	1	c04
.....aguugucacucgcucaguagacaug.....	1	0	c04
.....aguugucacucgcucaguagacauU.....	4	1	c04
.....aguugucacucgcucUguagacaugucuc.....	1	1	c04
.....Auugucacucgcucaguaga.....	1	1	c04
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.....Cuugucacucgcucaguaga.....	2	1	c04
.....Auugucacucgcucaguagaca.....	1	1	c04
.....uugucacucgcucaguaga.....	2	0	c04
.....Gugucacucgcucaguagac.....	1	1	c04
.....uugucacucgcucaguagacU.....	3	1	c04
.....uugucacucgcucaguagaca.....	4	0	c04
.....ugucacucgcucaguaga.....	3	0	c04
.....ugucacucgcucaguagac.....	11	0	c04
.....Ggucacucgcucaguagac.....	1	1	c04
.....uUucacucgcucaguagaca.....	1	1	c04
.....Ggucacucgcucaguagaca.....	1	1	c04
.....ugucacucgcucaguagacU.....	5	1	c04
.....uAucacucgcucaguagaca.....	1	1	c04
.....ugucacucgcucaguagaca.....	27	0	c04
.....uUucacucgcucaguagacauguc.....	1	1	c04
.....gucacucgcucaguagac.....	1	0	c04
.....gAcacucgcucaguagac.....	1	1	c04

Star Mature

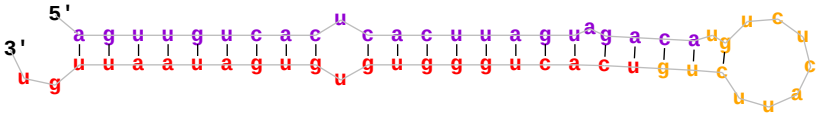
uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca

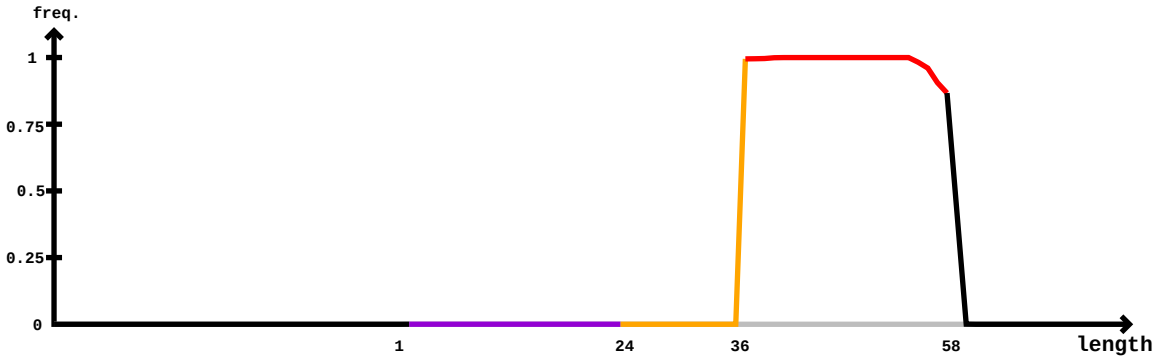
.....Aucacucgcucaguagaca.....	1	1	c04
.....gucacucgcucaguagaca.....	19	0	c04
.....gucacucgcucaguagacU.....	1	1	c04
.....gucacucgcucaguagacUu.....	1	1	c04
.....ucacucgcucaguagaca.....	4	0	c04
.....ucacucgcucaguagacU.....	1	1	c04
.....gucacuggguGugugaugau.....	1	1	c04
.....ucacuggguaugugauga.....	3	0	c04
.....ucacuggguGugugauga.....	564	1	c04
.....ucacuggguUugugauga.....	3	1	c04
.....ucacuggguCugugauga.....	1	1	c04
.....ucacuggguGugugaugau.....	691	1	c04
.....ucacuggguUugugaugau.....	3	1	c04
.....ucacuggguaugugaugau.....	4	0	c04
.....Gcacuggguaugugaugau.....	1	1	c04
.....ucacuggguCugugaugau.....	1	1	c04
.....ucacuggguaugugaugauu.....	13	0	c04
.....ucacuggguUugugaugauu.....	17	1	c04
.....ucacuggguCugugaugauu.....	3	1	c04
.....ucacuggguGugugaugauu.....	1747	1	c04
.....ucacuggguGugugaugauug.....	1247	1	c04
.....ucacuggguaugugaugauug.....	7	0	c04
.....ucacuggguCugugaugauug.....	3	1	c04
.....ucacuggguUugugaugauug.....	9	1	c04
.....Gcacuggguaugugaugauug.....	2	1	c04
.....ucacuggguUugugaugauugu.....	172	1	c04
.....Gcacuggguaugugaugauugu.....	11	1	c04
.....ucacuggguGugugaugauugu.....	27173	1	c04
.....ucacuggguauguUugauugu.....	1	1	c04
.....Acacuggguaugugaugauugu.....	1	1	c04
.....ucGcuggguaugugaugauugu.....	1	1	c04
.....ucacuggguaugugaugauugu.....	161	0	c04
.....ucacuggguCugugaugauugu.....	24	1	c04
.....ucacuggguUugugaugauuguu.....	1	1	c04
.....ucacuggguaugugaugauuguu.....	14	0	c04
.....ucacuggguaugugaugauuguC.....	1	1	c04
.....ucacuggguaugugaugauuguA.....	4	1	c04
.....ucacuggguGugugaugauuguu.....	504	1	c04
.....ucacuggguGugugaugauuguua.....	10	1	c04
.....ucacuggguaugugaugauuguuU.....	1	1	c04
.....ucacuggguGugugaugauuguuag.....	1	1	c04
.....cacuggguGugugaugauu.....	2	1	c04
.....cacuggguGugugaugauug.....	1	1	c04
.....cacuggguGugugaugauugu.....	11	1	c04
.....cacuggguGugugaugauuguu.....	1	1	c04
.....acuggguGugugaugauu.....	4	1	c04
.....acuggguaugugaugauugu.....	1	0	c04
.....acuggguGugugaugauugu.....	19	1	c04
.....Ccuggguaugugaugauugu.....	1	1	c04
.....cuggguGugugaugauug.....	2	1	c04
.....cuggguGugugaugauugu.....	96	1	c04
.....cuggguaugugaugauugu.....	1	0	c04
.....cuggguUugugaugauugu.....	2	1	c04
.....cuggguGugugaugauuguu.....	1	1	c04
.....uggguUugugaugauugu.....	1	1	c04
.....uggguGugugaugauugu.....	17	1	c04
.....ggguaugugaugauuguu.....	1	0	c04
.....aguugucacucgcucaguagac.....	1	0	c16
.....ucacuggguGugugaugau.....	1	1	c16
.....ucacuggguGugugaugauugu.....	9	1	c16
.....ucacuggguGugugaugauuguu.....	1	1	c16
.....aguugucacucgcucaguaga.....	1	0	c15
.....Gguugucacucgcucaguaga.....	1	1	c15
.....aguugucacucgcucaguagac.....	1	0	c15
.....aguugucacucgcucaguagaU.....	1	1	c15
.....aguugucacucgcucaguagaca.....	4	0	c15
.....ucacuggguGugugaugauugu.....	4	1	c15
.....ucacuggguGugugauga.....	1	1	c02

Star Mature

uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca

Provisional ID	:	group2_2703
Score total	:	16892.8
Score for star read(s)	:	3.9
Score for read counts	:	16883
Score for mfe	:	1.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	33127
Mature read count	:	33120
Loop read count	:	0
Star read count	:	7





Star **Mature**

```
5'- aguuccugcucucaucaucaucaucugucacuuguaguugucacucacuuaguagacaugucucauucugucacuggguguguguauaauuguuagcgacugaugcuacau  -3'   obs
    aguuccugcucucaucaucaucaucugucacuuguaguugucacucacuuaguagacaugucucauucugucacuggguguguguauaauuguuagcgacugaugcuacau        exp
    .....................((((.(((.((..((((((((((.(((((((.((((.(.......)))))))))))))).)))))))))..)).)))..))))......   reads     mm        sample
    ..........................................................................ucacuAgguguguguauaauugu.................   1         1         c15
    ..........................................................................Gcacuggguguguguauaauugu.................   1         1         c15
    ..........................................................................ucacuggguguguguGauuugu.................   4         1         c15
    ..........................................................................ucacuggguguguguauaauugu.................   12        0         c15

    ..........................................................................ucacuggguguguguGa.......................   1         1         c02

    .........ucucaucUucaucaucugu.............................................................................................   1         1         c09
    ..........................................................................ucacuggguguguguGau.....................   1         1         c09
    ..........................................................................ucacuggguguguguGauug...................   1         1         c09
    ..........................................................................ucacuggguguguguauaauugu.................   1         0         c09
    ..........................................................................ucacuggguguguguGauuugu.................   16        1         c09
    ..........................................................................ucacuggguguguguGauuguu.................   1         1         c09

    .....................................aguugucacucacuCagu...................................................................   1         1         c04
    .....................................aguugucacucacuCaguaga................................................................   1         1         c04
    .....................................aguugucacucacuCaguagac...............................................................   1         1         c04
    .....................................aguugucacucacuCaguagaca..............................................................   3         1         c04
    .....................................aguugucacucacuCaguagacau.............................................................   1         1         c04
    ..........................................................................gucacuggguguguguGau.....................   1         1         c04
    ..........................................................................Cucacuggguguguguauaauugu.................   2         1         c04
    ..........................................................................ucacuggguguguguAaa.....................   1         1         c04
    ..........................................................................ucacuggguguguguGa......................   564       1         c04
    ..........................................................................ucacuggguguguguauC.....................   2         1         c04
    ..........................................................................ucacuggguguguguauaa....................   10        0         c04
    ..........................................................................ucacuggguguguguCa......................   1         1         c04
    ..........................................................................ucacuggguguguguauU.....................   3         1         c04
    ..........................................................................ucacuggguguguguauG.....................   1         1         c04
    ..........................................................................ucacuggguguguguauaaA...................   1         1         c04
    ..........................................................................Gcacuggguguguguauaau...................   2         1         c04
    ..........................................................................ucacuggguguguguauaaC...................   1         1         c04
    ..........................................................................ucacuCgguguguguauaau...................   1         1         c04
    ..........................................................................ucacuggguguguguGau.....................   691       1         c04
```

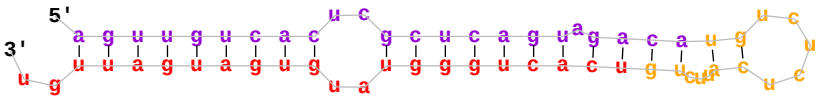
Star Mature

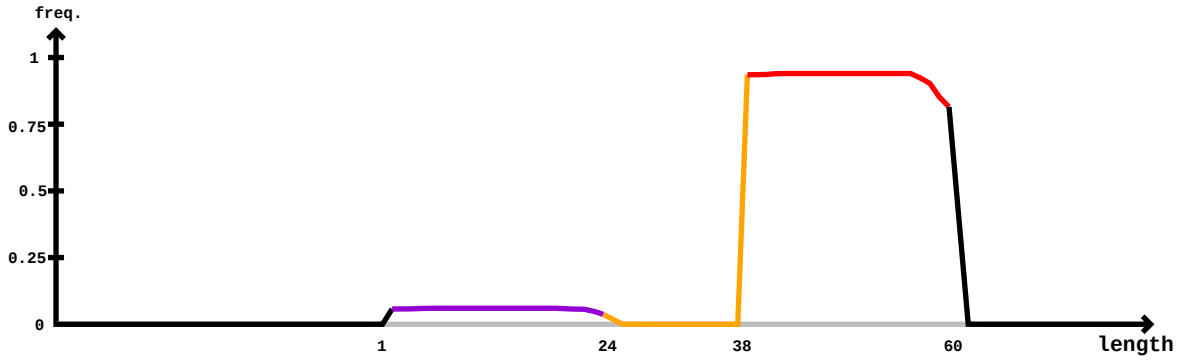
aguuccugcucucaucaucaucaucugucacuugu**aguugucacucacuuaguagaca**ugucucauucug**ucacuggguguguguauaauugu**uagcgacugaugcuacau

.....ucacuggguguguguauaau.....	26	0	c04
.....ucacuggguguguguauaaCu.....	1	1	c04
.....ucacuggguguguguGauu.....	1747	1	c04
.....ucacuggguguguguCauu.....	1	1	c04
.....ucacuggguguguguauaauA.....	1	1	c04
.....ucacuggguguguguauaauu.....	46	0	c04
.....ucacuggguguguguUauu.....	1	1	c04
.....ucacuggguguguguauaauug.....	36	0	c04
.....Gcacuggguguguguauaauug.....	3	1	c04
.....ucacuggguguguguGauug.....	1247	1	c04
.....ucacuggguguguguCauug.....	1	1	c04
.....ucacuggguCuguguauaauugu.....	1	1	c04
.....ucacuggguguguguauUuugu.....	1	1	c04
.....ucacugCguguguguauaauugu.....	1	1	c04
.....ucacuggguguguguauaauugu.....	708	0	c04
.....ucacuggguguguguCauugu.....	18	1	c04
.....ucacuggguguguCguauaauugu.....	1	1	c04
.....ucacuggguguguguUauugu.....	14	1	c04
.....ucacuggguguguguauaaAugu.....	1	1	c04
.....ucacugggGguguguauaauugu.....	1	1	c04
.....ucacuggguguguCauaauugu.....	1	1	c04
.....Gcacuggguguguguauaauugu.....	48	1	c04
.....ucacuggguguguguGauugu.....	27173	1	c04
.....ucacuggguguguguauaaCugu.....	1	1	c04
.....ucacuggguguguguauaauuguC.....	1	1	c04
.....Gcacuggguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguauaauuguu.....	19	0	c04
.....ucacuCgguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguauaauuguA.....	7	1	c04
.....ucacuggguguguguauaauugGu.....	1	1	c04
.....ucacuggguguguguGauuguu.....	504	1	c04
.....ucacuggguguguguGauuguua.....	10	1	c04
.....ucacuggguguguguauaauuguuC.....	1	1	c04
.....ucacuggguguguguauaauuguAa.....	1	1	c04
.....ucacuggguguguguauaauuguuU.....	3	1	c04
.....ucacuggguguguguGauuguuag.....	1	1	c04
.....cacuggguguguguGauu.....	2	1	c04
.....cacuggguguguguGauug.....	1	1	c04
.....cacuggguguguguGauugu.....	11	1	c04
.....cacuggguguguguGauuguu.....	1	1	c04
.....acuggguguguguGauu.....	4	1	c04
.....aGuggguguguguauaauu.....	1	1	c04
.....acuggguguguguauaauugu.....	4	0	c04
.....acuggguguguguGauugu.....	19	1	c04
.....cuggguguguguGauug.....	2	1	c04
.....cuggguguguguGauugu.....	96	1	c04
.....cuggguguguguauaauuguu.....	1	0	c04
.....cuggguguguguGauuguu.....	1	1	c04
.....uggguguguguGauugu.....	17	1	c04

.....ucacuggguguguguGau.....	1	1	c16
.....ucacuggguguguguGauugu.....	9	1	c16
.....ucacuggguguguguGauuguu.....	1	1	c16

Provisional ID	:	group2_2705
Score total	:	17682.8
Score for star read(s)	:	3.9
Score for read counts	:	17672.7
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	34676
Mature read count	:	32596
Loop read count	:	0
Star read count	:	2080





Star **Mature**

```
5'- uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca  -3'   obs
    uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca        exp
    .....................((((..((((((((((((((((..(((((((.((((((.....))...)))))))))))..)))))))))))))))..))))........  reads    mm    sample
    ..........................................................................ucacuggguGugugauga.......................  1        1     c02

    ................................Gguugucacucgcucaguaga.....................................................................  1        1     c15
    ................................aguugucacucgcucaguaga.....................................................................  1        0     c15
    ................................aguugucacucgcucaguagac....................................................................  1        0     c15
    ................................aguugucacucgcucaguagaU....................................................................  1        1     c15
    ................................aguugucacucgcucaguagaca...................................................................  4        0     c15
    ..........................................................................ucacuggguGugugaugauugu....................  4        1     c15

    ................................aguugucacucgcucaguagac....................................................................  1        0     c16
    ..........................................................................ucacuggguGugugaugau.......................  1        1     c16
    ..........................................................................ucacuggguGugugaugauugu....................  9        1     c16
    ..........................................................................ucacuggguGugugaugauuguu...................  1        1     c16

    ................................uGguugucacucgcucaguag.....................................................................  1        1     c04
    ................................uaguugucacucgUucaguaga....................................................................  1        1     c04
    ................................uaguugucacucgUucaguagaca..................................................................  2        1     c04
    ................................aguugucacucgcuAagu........................................................................  1        1     c04
    ................................aguugucacucgcucagu........................................................................  50       0     c04
    ................................Cguugucacucgcucagu........................................................................  1        1     c04
    ................................aguuAucacucgcucagu........................................................................  1        1     c04
    ................................aguugucacucgcucaAu........................................................................  1        1     c04
    ................................aguugucacucAcucagu........................................................................  1        1     c04
    ................................aguugucacucgcucagua.......................................................................  48       0     c04
    ................................aguuAucacucgcucagua.......................................................................  1        1     c04
    ................................Cguugucacucgcucagua.......................................................................  3        1     c04
    ................................aguugucacucgcucaguU.......................................................................  1        1     c04
    ................................aguugucacucgcucaguag......................................................................  20       0     c04
    ................................aguugucacucgAucaguag......................................................................  1        1     c04
    ................................aguugucacucAcucaguaga.....................................................................  1        1     c04
    ................................aguugucacucgcucaguaAa.....................................................................  1        1     c04
    ................................aguugucacucgcuAaguaga.....................................................................  1        1     c04
    ................................aguuAucacucgcucaguaga.....................................................................  3        1     c04
```

Star Mature

uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca

.....aguugucacucgcucGguaga.....	1	1	c04
.....aguugucacucgcucaguaga.....	237	0	c04
.....aguugucacucgcucaCuaga.....	1	1	c04
.....aguugucCcucgcucaguaga.....	1	1	c04
.....Gguugucacucgcucaguaga.....	1	1	c04
.....Cguugucacucgcucaguaga.....	8	1	c04
.....aguGgucacucgcucaguagac.....	1	1	c04
.....Cguugucacucgcucaguagac.....	17	1	c04
.....aguugucacucgcucCguagac.....	1	1	c04
.....aguugucacucgcucaguagaG.....	1	1	c04
.....aguugucacucAcucaguagac.....	1	1	c04
.....aguugucacuAgcucaguagac.....	2	1	c04
.....aguugucacucgcucaguagaU.....	3	1	c04
.....aguugucacucgcucagCagac.....	1	1	c04
.....aguugucacucgcucaguUgac.....	2	1	c04
.....aguugucacucgcucGguagac.....	1	1	c04
.....aguuUucacucgcucaguagac.....	1	1	c04
.....aguugucacucgcucaguagaA.....	4	1	c04
.....aguugucacucgcucaCuagac.....	2	1	c04
.....aguugucCcucgcucaguagac.....	2	1	c04
.....aguugucacucgcucaguagCc.....	1	1	c04
.....aguugucacucgcucaguagac.....	327	0	c04
.....aguuAucacucgcucaguagac.....	11	1	c04
.....aguugucCcucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaCuagaca.....	2	1	c04
.....aguugucacucgcucaguUgaca.....	1	1	c04
.....aguugucacucgcGcaguagaca.....	1	1	c04
.....aguugucacucgcucaguagacC.....	4	1	c04
.....aguuAucacucgcucaguagaca.....	38	1	c04
.....aguAgucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgAucaguagaca.....	1	1	c04
.....aguugucacucAcucaguagaca.....	3	1	c04
.....aguugucacucgcucaguaCaca.....	1	1	c04
.....aguugucacucgUucaguagaca.....	5	1	c04
.....aguugucacucgcucaguagCca.....	1	1	c04
.....aguugAcacucgcucaguagaca.....	1	1	c04
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.....aUuugucacucgcucaguagaca.....	1	1	c04
.....aCuugucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagaUa.....	2	1	c04
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.....Cguugucacucgcucaguagaca.....	28	1	c04
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.....aguugucacucgcuAaguagaca.....	1	1	c04
.....aguCgucacucgcucaguagaca.....	1	1	c04
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.....aguuAucacucgcucaguagacau.....	1	1	c04
.....aguugucacucgcucaguagacaA.....	3	1	c04
.....aguugucCcucgcucaguagacau.....	1	1	c04
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.....aguugucacucgcucaguagacaG.....	3	1	c04
.....aguugucacucgcucaguagacaC.....	2	1	c04
.....aguugucacucgcucaguagacUu.....	20	1	c04
.....aguugucacucAcucaguagacau.....	1	1	c04
.....Cguugucacucgcucaguagacau.....	2	1	c04
.....aguugucacucgcucaguagacaug.....	1	0	c04
.....aguugucacucgcucaguagacauU.....	4	1	c04
.....aguugucacucgcucaguagacaCg.....	1	1	c04
.....aguugucacucgcucUguagacaugucuc.....	1	1	c04
.....guugucacucgcucaguaga.....	1	0	c04
.....Auugucacucgcucaguaga.....	1	1	c04
.....Cuugucacucgcucaguaga.....	2	1	c04
.....Auugucacucgcucaguagaca.....	1	1	c04
.....uugucacucgcucaguaga.....	2	0	c04
.....Gugucacucgcucaguagac.....	1	1	c04
.....uugucacucgcucaguagacU.....	3	1	c04
.....uugucacucgcucaguagaca.....	4	0	c04
.....ugucacucgcucaguaga.....	3	0	c04
.....ugucacucgcucaguagac.....	11	0	c04
.....Ggucacucgcucaguagac.....	1	1	c04

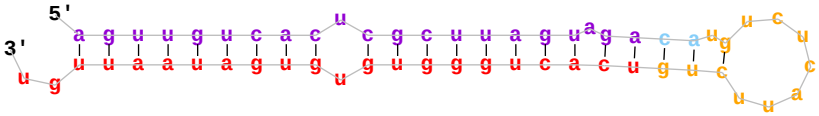
Star Mature

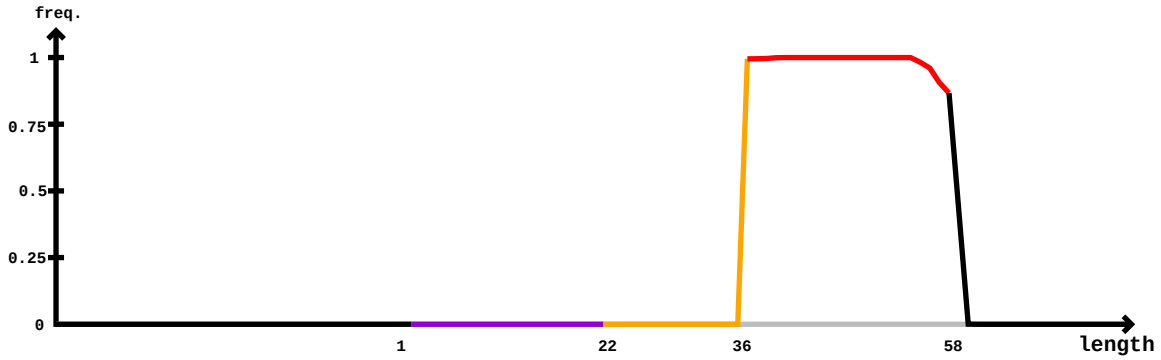
uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca

.....uUucacucgcucaguagaca.....	1	1	c04
.....uAucacucgcucaguagaca.....	1	1	c04
.....ugucacucgcucaguagacU.....	5	1	c04
.....ugucacucgcucaguagaca.....	27	0	c04
.....Ggucacucgcucaguagaca.....	1	1	c04
.....uUucacucgcucaguagacauguc.....	1	1	c04
.....gAcacucgcucaguagac.....	1	1	c04
.....gucacucgcucaguagac.....	1	0	c04
.....Aucacucgcucaguagaca.....	1	1	c04
.....gucacucgcucaguagacU.....	1	1	c04
.....gucacucgcucaguagaca.....	19	0	c04
.....gucacucgcucaguagacUu.....	1	1	c04
.....ucacucgcucaguagacU.....	1	1	c04
.....ucacucgcucaguagaca.....	4	0	c04
.....gucacuggguGugugaugau.....	1	1	c04
.....ucacuggguCugugauga.....	1	1	c04
.....ucacuggguGugugauga.....	564	1	c04
.....ucacuggguaugugauga.....	3	0	c04
.....ucacuggguUugugauga.....	3	1	c04
.....ucacuggguCugugaugau.....	1	1	c04
.....ucacuggguaugugaugau.....	4	0	c04
.....Gcacuggguaugugaugau.....	1	1	c04
.....ucacuggguGugugaugau.....	691	1	c04
.....ucacuggguUugugaugau.....	3	1	c04
.....ucacuggguUugugaugauu.....	17	1	c04
.....ucacuggguCugugaugauu.....	3	1	c04
.....ucacuggguGugugaugauu.....	1747	1	c04
.....ucacuggguaugugaugauu.....	13	0	c04
.....ucacuggguaugugaugauug.....	7	0	c04
.....ucacuggguUugugaugauug.....	9	1	c04
.....ucacuggguGugugaugauug.....	1247	1	c04
.....ucacuggguCugugaugauug.....	3	1	c04
.....Gcacuggguaugugaugauug.....	2	1	c04
.....Gcacuggguaugugaugauugu.....	11	1	c04
.....ucGcuggguaugugaugauugu.....	1	1	c04
.....ucacuggguaugugUugauugu.....	1	1	c04
.....ucacuggguCugugaugauugu.....	24	1	c04
.....ucacuggguUugugaugauugu.....	172	1	c04
.....Acacuggguaugugaugauugu.....	1	1	c04
.....ucacuggguGugugaugauugu.....	27173	1	c04
.....ucacuggguaugugaugauugu.....	161	0	c04
.....ucacuggguaugugaugauuguC.....	1	1	c04
.....ucacuggguGugugaugauuguu.....	504	1	c04
.....ucacuggguaugugaugauuguu.....	14	0	c04
.....ucacuggguUugugaugauuguu.....	1	1	c04
.....ucacuggguaugugaugauuguA.....	4	1	c04
.....ucacuggguaugugaugauuguuU.....	1	1	c04
.....ucacuggguGugugaugauuguua.....	10	1	c04
.....ucacuggguGugugaugauuguuag.....	1	1	c04
.....cacuggguGugugaugauu.....	2	1	c04
.....cacuggguGugugaugauug.....	1	1	c04
.....cacuggguGugugaugauugu.....	11	1	c04
.....cacuggguGugugaugauuguu.....	1	1	c04
.....acuggguGugugaugauu.....	4	1	c04
.....acuggguaugugaugauugu.....	1	0	c04
.....acuggguGugugaugauugu.....	19	1	c04
.....Ccuggguaugugaugauugu.....	1	1	c04
.....cuggguGugugaugauug.....	2	1	c04
.....cuggguGugugaugauugu.....	96	1	c04
.....cuggguaugugaugauugu.....	1	0	c04
.....cuggguUugugaugauugu.....	2	1	c04
.....cuggguGugugaugauuguu.....	1	1	c04
.....uggguGugugaugauugu.....	17	1	c04
.....uggguUugugaugauugu.....	1	1	c04
.....ggguaugugaugauuguu.....	1	0	c04
.....aguugucacucgcucaguagac.....	1	0	c09
.....ucacuggguGugugaugau.....	1	1	c09
.....ucacuggguGugugaugauug.....	1	1	c09
.....ucacuggguGugugaugauugu.....	16	1	c09

Star
Mature
uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca
.....ucacuggguGugugaugauuguu.....
1
1
c09

Provisional ID	:	group2_2707
Score total	:	16891.2
Score for star read(s)	:	3.9
Score for read counts	:	16881.5
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	33124
Mature read count	:	33120
Loop read count	:	0
Star read count	:	4





Star **Mature**

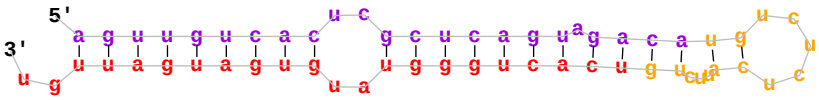
```
5'- aguuccugcucucaucaucaucaucugucacuuguaguugucacucgcuuaguagacaugucucauucugucacugggugugugauaauuguuagcgacugaugcuacau  -3'   obs
    aguuccugcucucaucaucaucaucugucacuuguaguugucacucgcuuaguagacaugucucauucugucacugggugugugauaauuguuagcgacugaugcuacau        exp
    .....................((((.(((.((..((((((((((.(((((((.((((.(.......)))))))))))))).)))))))))..)).)))..))))......   reads    mm    sample
    ..................................aguugucacucgcuAagu.....................................................   1        1     c04
    ..................................aguugucacucgcuuaguaga..................................................   1        0     c04
    ..................................aguugucacucgcuAaguaga..................................................   1        1     c04
    ..................................aguugucacucgcuAaguagaca................................................   1        1     c04
    ..................................................................gucacugggugugugauGau.....................   1        1     c04
    ..................................................................Cucacugggugugugauaauugu..................   2        1     c04
    ..................................................................ucacugggugugugauaU.......................   3        1     c04
    ..................................................................ucacugggugugugauCa.......................   1        1     c04
    ..................................................................ucacugggugugugauaa.......................   10       0     c04
    ..................................................................ucacugggugugugaAaa.......................   1        1     c04
    ..................................................................ucacugggugugugauaG.......................   1        1     c04
    ..................................................................ucacugggugugugauGa.......................   564      1     c04
    ..................................................................ucacugggugugugauaC.......................   2        1     c04
    ..................................................................ucacugggugugugauaaau.....................   26       0     c04
    ..................................................................Gcacugggugugugauaaau.....................   2        1     c04
    ..................................................................ucacugggugugugauGau.....................   691      1     c04
    ..................................................................ucacugggugugugauaaA.....................   1        1     c04
    ..................................................................ucacuCgggugugugauaau.....................   1        1     c04
    ..................................................................ucacugggugugugauaaC.....................   1        1     c04
    ..................................................................ucacugggugugugauaauA....................   1        1     c04
    ..................................................................ucacugggugugugauGauu....................   1747     1     c04
    ..................................................................ucacugggugugugauCauu....................   1        1     c04
    ..................................................................ucacugggugugugauaaCu....................   1        1     c04
    ..................................................................ucacugggugugugauaaauu...................   46       0     c04
    ..................................................................ucacugggugugugauUauu....................   1        1     c04
    ..................................................................ucacugggugugugauCauug...................   1        1     c04
    ..................................................................ucacugggugugugauaaauug..................   36       0     c04
    ..................................................................ucacugggugugugauGauug...................   1247     1     c04
    ..................................................................Gcacugggugugugauaaauug..................   3        1     c04
    ..................................................................Gcacugggugugugauaaauugu.................   48       1     c04
    ..................................................................ucacugggugugugauaaCugu..................   1        1     c04
    ..................................................................ucacugggugugugauGauugu..................   27173    1     c04
    ..................................................................ucacugggugugugauaUuugu..................   1        1     c04
```

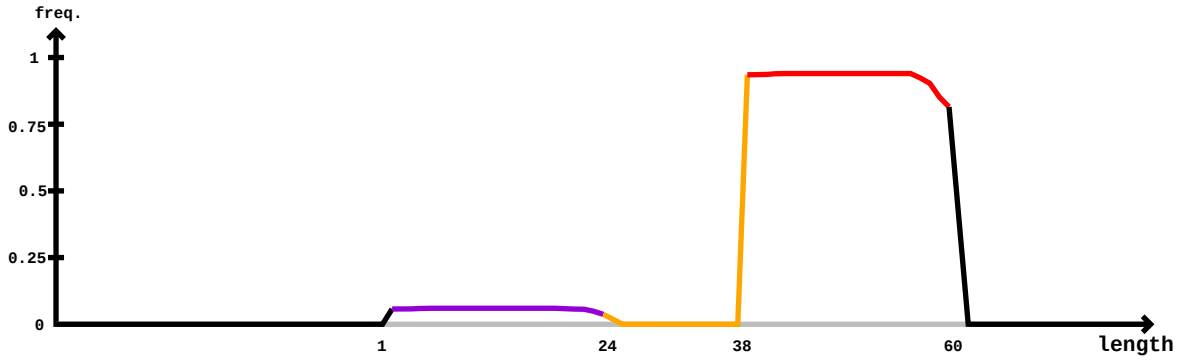
Star Mature

aguuccugcucucaucaucaucaucugucacuugu**aguugucacucgcuuaguaga**caugucucauucug**ucacugggugugugauaauugu**uagcgacugaugcuacau

.....ucacugggGgugugauaauugu.....	1	1	c04
.....ucacugggugugCgauaauugu.....	1	1	c04
.....ucacuggguguguguauaAugu.....	1	1	c04
.....ucacuggguguguguauaauugu.....	708	0	c04
.....ucacuggguguguguauUauugu.....	14	1	c04
.....ucacuggguguguguCauugu.....	18	1	c04
.....ucacugCguguguguauaauugu.....	1	1	c04
.....ucacuggguCuguguauaauugu.....	1	1	c04
.....ucacuggguguguCauaauugu.....	1	1	c04
.....ucacuggguguguguauaauuguC.....	1	1	c04
.....ucacuggguguguguauaauuguA.....	7	1	c04
.....ucacuggguguguguauaauugGu.....	1	1	c04
.....ucacuggguguguguauaauuguu.....	19	0	c04
.....Gcacuggguguguguauaauuguu.....	1	1	c04
.....ucacuCgguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguGauuguu.....	504	1	c04
.....ucacuggguguguguauaauuguuC.....	1	1	c04
.....ucacuggguguguguGauuguua.....	10	1	c04
.....ucacuggguguguguauaauuguAa.....	1	1	c04
.....ucacuggguguguguauaauuguuU.....	3	1	c04
.....ucacuggguguguguGauuguuag.....	1	1	c04
.....cacuggguguguguGauu.....	2	1	c04
.....cacuggguguguguGauug.....	1	1	c04
.....cacuggguguguguGauugu.....	11	1	c04
.....cacuggguguguguGauuguu.....	1	1	c04
.....acuggguguguguGauu.....	4	1	c04
.....aGuggguguguguauaauu.....	1	1	c04
.....acuggguguguguGauugu.....	19	1	c04
.....acuggguguguguauaauugu.....	4	0	c04
.....cuggguguguguGauug.....	2	1	c04
.....cuggguguguguGauugu.....	96	1	c04
.....cuggguguguguauaauuguu.....	1	0	c04
.....cuggguguguguGauuguu.....	1	1	c04
.....uggguguguguGauugu.....	17	1	c04
.....ucacuggguguguguGau.....	1	1	c16
.....ucacuggguguguguGauugu.....	9	1	c16
.....ucacuggguguguguGauuguu.....	1	1	c16
.....ucucaucUucaucaucugu.....	1	1	c09
.....ucacuggguguguguGau.....	1	1	c09
.....ucacuggguguguguGauug.....	1	1	c09
.....ucacuggguguguguauaauugu.....	1	0	c09
.....ucacuggguguguguGauugu.....	16	1	c09
.....ucacuggguguguguGauuguu.....	1	1	c09
.....ucacuggguguguguGauugu.....	4	1	c15
.....ucacuggguguguguauaauugu.....	12	0	c15
.....ucacuAgguguguguauaauugu.....	1	1	c15
.....Gcacuggguguguguauaauugu.....	1	1	c15
.....ucacuggguguguguGa.....	1	1	c02

Provisional ID	:	group2_2709
Score total	:	17682.8
Score for star read(s)	:	3.9
Score for read counts	:	17672.7
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	34676
Mature read count	:	32596
Loop read count	:	0
Star read count	:	2080





Star **Mature**

```
5'- uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca  -3'   obs
    uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca        exp
    ..................((((..((((((((((((((((..(((((((.((((((.....))...)))))))))))..))))))))))))))))..))))........  reads   mm   sample
    ..........................................................................ucacuggguGugugauga.......................  1       1    c02

    ................................Gguugucacucgcucaguaga.....................................................................  1       1    c15
    ................................aguugucacucgcucaguaga.....................................................................  1       0    c15
    ................................aguugucacucgcucaguagac....................................................................  1       0    c15
    ................................aguugucacucgcucaguagaU....................................................................  1       1    c15
    ................................aguugucacucgcucaguagaca...................................................................  4       0    c15
    ..........................................................................ucacuggguGugugaugauugu....................  4       1    c15

    ................................aguugucacucgcucaguagac....................................................................  1       0    c09
    ..................................................................ucacuggguGugugaugau.....................................  1       1    c09
    ..................................................................ucacuggguGugugaugauug....................................  1       1    c09
    ..................................................................ucacuggguGugugaugauugu...................................  16      1    c09
    ..................................................................ucacuggguGugugaugauuguu..................................  1       1    c09

    ................................uGguugucacucgcucaguag.....................................................................  1       1    c04
    ................................uaguugucacucgUucaguaga....................................................................  1       1    c04
    ................................uaguugucacucgUucaguagaca..................................................................  2       1    c04
    ................................aguugucacucgcuAagu........................................................................  1       1    c04
    ................................aguugucacucgcucAau........................................................................  1       1    c04
    ................................aguugucacucgcucagu........................................................................  50      0    c04
    ................................Cguugucacucgcucagu........................................................................  1       1    c04
    ................................aguugucacucAcucagu........................................................................  1       1    c04
    ................................aguuAucacucgcucagu........................................................................  1       1    c04
    ................................aguuAucacucgcucagua.......................................................................  1       1    c04
    ................................Cguugucacucgcucagua.......................................................................  3       1    c04
    ................................aguugucacucgcucaguU.......................................................................  1       1    c04
    ................................aguugucacucgcucagua.......................................................................  48      0    c04
    ................................aguugucacucgcucaguag......................................................................  20      0    c04
    ................................aguugucacucgAucaguag......................................................................  1       1    c04
    ................................aguugucacucgcuAaguaga.....................................................................  1       1    c04
    ................................aguugucCcucgcucaguaga.....................................................................  1       1    c04
    ................................aguuAucacucgcucaguaga.....................................................................  3       1    c04
```

Star Mature

uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca

.....aguugucacucgcucaguaAa.....	1	1	c04
.....aguugucacucgcucGguaga.....	1	1	c04
.....aguugucacucgcucaguaga.....	237	0	c04
.....Cguugucacucgcucaguaga.....	8	1	c04
.....aguugucacucgcucaCuaga.....	1	1	c04
.....Gguugucacucgcucaguaga.....	1	1	c04
.....aguugucacucAcucaguaga.....	1	1	c04
.....aguuAucacucgcucaguagac.....	11	1	c04
.....aguugucacucgcucCguagac.....	1	1	c04
.....Cguugucacucgcucaguagac.....	17	1	c04
.....aguugucCcucgcucaguagac.....	2	1	c04
.....aguugucacucgcucaguagaA.....	4	1	c04
.....aguugucacucAcucaguagac.....	1	1	c04
.....aguugucacuAgcucaguagac.....	2	1	c04
.....aguugucacucgcucaguagaG.....	1	1	c04
.....aguugucacucgcucaguUgac.....	2	1	c04
.....aguugucacucgcucagCagac.....	1	1	c04
.....aguugucacucgcucGguagac.....	1	1	c04
.....aguugucacucgcucaguagCc.....	1	1	c04
.....aguugucacucgcucaCuagac.....	2	1	c04
.....aguugucacucgcucaguagaU.....	3	1	c04
.....aguuUucacucgcucaguagac.....	1	1	c04
.....aguugucacucgcucaguagac.....	327	0	c04
.....aguGgucacucgcucaguagac.....	1	1	c04
.....aguCgucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagCca.....	1	1	c04
.....aguuCucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgUucaguagaca.....	5	1	c04
.....aguuUucacucgcucaguagaca.....	4	1	c04
.....aguugucacucgcGcaguagaca.....	1	1	c04
.....aguugucacucgcucaCuagaca.....	2	1	c04
.....aguAgucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagaca.....	746	0	c04
.....aguugucacucgcucaguaCaca.....	1	1	c04
.....aguugucacucgAucaguagaca.....	1	1	c04
.....aguugucacucgcucaguUgaca.....	1	1	c04
.....aguugAcacucgcucaguagaca.....	1	1	c04
.....aguugucCcucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagacU.....	265	1	c04
.....aguugucacucgcuAaguagaca.....	1	1	c04
.....aCuugucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagacC.....	4	1	c04
.....aguuAucacucgcucaguagaca.....	38	1	c04
.....Cguugucacucgcucaguagaca.....	28	1	c04
.....aUuugucacucgcucaguagaca.....	1	1	c04
.....aguugucacucgcucaguagaUa.....	2	1	c04
.....aguugucacucAcucaguagaca.....	3	1	c04
.....aguuAucacucgcucaguagacau.....	1	1	c04
.....aguugucacucgcucaguagacau.....	60	0	c04
.....aguugucacucgcucaguagacaG.....	3	1	c04
.....aguugucacucgcucaguagacaC.....	2	1	c04
.....aguugucacucAcucaguagacau.....	1	1	c04
.....aguugucacucgcucaguagacUu.....	20	1	c04
.....aguugucCcucgcucaguagacau.....	1	1	c04
.....Cguugucacucgcucaguagacau.....	2	1	c04
.....aguugucacucgcucaguagacaA.....	3	1	c04
.....aguugucacucgcucaguagacaCg.....	1	1	c04
.....aguugucacucgcucaguagacaug.....	1	0	c04
.....aguugucacucgcucaguagacauU.....	4	1	c04
.....aguugucacucgcucUguagacaugucuc.....	1	1	c04
.....Auugucacucgcucaguaga.....	1	1	c04
.....Cuugucacucgcucaguaga.....	2	1	c04
.....guugucacucgcucaguaga.....	1	0	c04
.....Auugucacucgcucaguagaca.....	1	1	c04
.....uugucacucgcucaguaga.....	2	0	c04
.....Gugucacucgcucaguagac.....	1	1	c04
.....uugucacucgcucaguagacU.....	3	1	c04
.....uugucacucgcucaguagaca.....	4	0	c04
.....ugucacucgcucaguaga.....	3	0	c04
.....ugucacucgcucaguagac.....	11	0	c04

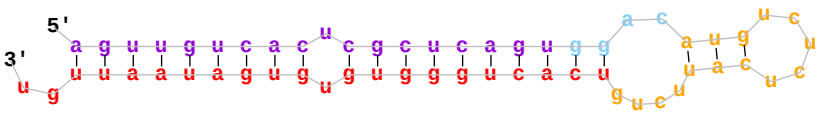
Star Mature

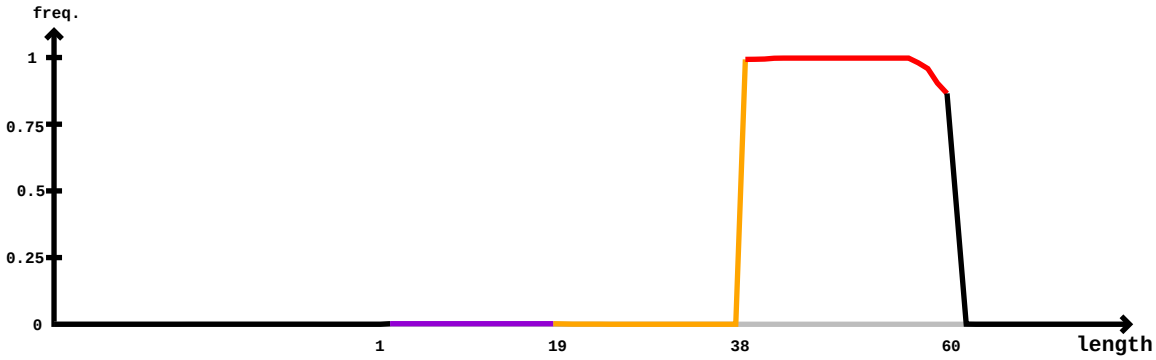
uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca

.....Ggucacucgcucaguagac.....	1	1	c04
.....uAucacucgcucaguagaca.....	1	1	c04
.....ugucacucgcucaguagacU.....	5	1	c04
.....Ggucacucgcucaguagaca.....	1	1	c04
.....uUucacucgcucaguagaca.....	1	1	c04
.....ugucacucgcucaguagaca.....	27	0	c04
.....uUucacucgcucaguagacauguc.....	1	1	c04
.....gAcacucgcucaguagac.....	1	1	c04
.....gucacucgcucaguagac.....	1	0	c04
.....Aucacucgcucaguagaca.....	1	1	c04
.....gucacucgcucaguagaca.....	19	0	c04
.....gucacucgcucaguagacU.....	1	1	c04
.....gucacucgcucaguagacUu.....	1	1	c04
.....ucacucgcucaguagacU.....	1	1	c04
.....ucacucgcucaguagaca.....	4	0	c04
.....gucacuggguGugugaugau.....	1	1	c04
.....ucacuggguGugugauga.....	564	1	c04
.....ucacuggguaugugauga.....	3	0	c04
.....ucacuggguCugugauga.....	1	1	c04
.....ucacuggguUugugauga.....	3	1	c04
.....ucacuggguUugugaugau.....	3	1	c04
.....Gcacuggguaugugaugau.....	1	1	c04
.....ucacuggguaugugaugau.....	4	0	c04
.....ucacuggguCugugaugau.....	1	1	c04
.....ucacuggguGugugaugau.....	691	1	c04
.....ucacuggguCugugaugauu.....	3	1	c04
.....ucacuggguGugugaugauu.....	1747	1	c04
.....ucacuggguUugugaugauu.....	17	1	c04
.....ucacuggguaugugaugauu.....	13	0	c04
.....Gcacuggguaugugaugauug.....	2	1	c04
.....ucacuggguaugugaugauug.....	7	0	c04
.....ucacuggguUugugaugauug.....	9	1	c04
.....ucacuggguGugugaugauug.....	1247	1	c04
.....ucacuggguCugugaugauug.....	3	1	c04
.....ucGcuggguaugugaugauugu.....	1	1	c04
.....ucacuggguaugugaugauugu.....	161	0	c04
.....Acacuggguaugugaugauugu.....	1	1	c04
.....Gcacuggguaugugaugauugu.....	11	1	c04
.....ucacuggguGugugaugauugu.....	27173	1	c04
.....ucacuggguUugugaugauugu.....	172	1	c04
.....ucacuggguCugugaugauugu.....	24	1	c04
.....ucacuggguaugugUugauugu.....	1	1	c04
.....ucacuggguaugugaugauuguu.....	14	0	c04
.....ucacuggguaugugaugauuguC.....	1	1	c04
.....ucacuggguGugugaugauuguu.....	504	1	c04
.....ucacuggguaugugaugauuguA.....	4	1	c04
.....ucacuggguUugugaugauuguu.....	1	1	c04
.....ucacuggguGugugaugauuguua.....	10	1	c04
.....ucacuggguaugugaugauuguuU.....	1	1	c04
.....ucacuggguGugugaugauuguuag.....	1	1	c04
.....cacuggguGugugaugauu.....	2	1	c04
.....cacuggguGugugaugauug.....	1	1	c04
.....cacuggguGugugaugauugu.....	11	1	c04
.....cacuggguGugugaugauuguu.....	1	1	c04
.....acuggguGugugaugauu.....	4	1	c04
.....acuggguaugugaugauugu.....	1	0	c04
.....Ccuggguaugugaugauugu.....	1	1	c04
.....acuggguGugugaugauugu.....	19	1	c04
.....cuggguGugugaugauug.....	2	1	c04
.....cuggguUugugaugauugu.....	2	1	c04
.....cuggguGugugaugauugu.....	96	1	c04
.....cuggguaugugaugauugu.....	1	0	c04
.....cuggguGugugaugauuguu.....	1	1	c04
.....uggguGugugaugauugu.....	17	1	c04
.....uggguUugugaugauugu.....	1	1	c04
.....ggguaugugaugauuguu.....	1	0	c04
.....aguugucacucgcucaguagac.....	1	0	c16
.....ucacuggguGugugaugau.....	1	1	c16
.....ucacuggguGugugaugauugu.....	9	1	c16

Star
Mature
uuccugcucucaucaccuucaucuaucgcuaguaguugucacucgcucaguagacaugucucucauucugucacuggguaugugaugauuguuagcgacugaugcuacauca
.....ucacuggguGugugaugauuguu.....
1
1
c16

Provisional ID	:	group2_2711
Score total	:	16925.8
Score for star read(s)	:	3.9
Score for read counts	:	16915.6
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	33191
Mature read count	:	33120
Loop read count	:	0
Star read count	:	71





Star **Mature**

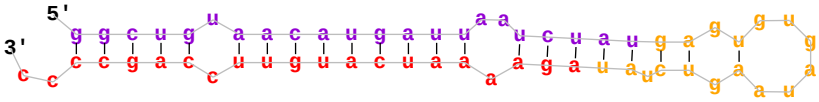
```
5'- uugcugcucucaucaucaucaucugucacuaguaguugucacucgcucaguggacaugucucucauucugucacuggguguguguauaauuguuagcgacugaugcuacau  -3'   obs
    uugcugcucucaucaucaucaucugucacuaguaguugucacucgcucaguggacaugucucucauucugucacuggguguguguauaauuguuagcgacugaugcuacau        exp
    ..................((((.(((.(((((((((((((((.((((((((((..(((.....))).....))))))))))).)))))))))))))).))).))))......   reads     mm        sample
    ............ucaucaucaucaucugucacuagu.....................................................................................   1         0         c04
    ................................aguugucacucgcucagu.....................................................................................   50        0         c04
    ................................aguuAucacucgcucagu.....................................................................................   1         1         c04
    ................................aguugucacucgcuAagu.....................................................................................   1         1         c04
    ................................Cguugucacucgcucagu.....................................................................................   1         1         c04
    ................................aguugucacucgcucaAu.....................................................................................   1         1         c04
    ................................aguugucacucAcucagu.....................................................................................   1         1         c04
    ................................aguugucacucgcucaguU.....................................................................................   1         1         c04
    ................................aguugucacucgcucUguggac.....................................................................................   1         1         c04
    ................................aguugucacucgcucaguUgac.....................................................................................   2         1         c04
    ................................aguugucacucgcucaguUgaca.....................................................................................   1         1         c04
    ................................aguugucacucgcucaguggaca.....................................................................................   8         0         c04
    ................................aguugucacucgcucaguggacU.....................................................................................   3         1         c04
    ....................................................................gucacuggguguguguauGau.....................................   1         1         c04
    ....................................................................Cucacuggguguguguauaauugu..................................   2         1         c04
    ....................................................................ucacuggguguguguauaG.....................................   1         1         c04
    ....................................................................ucacuggguguguguauaU.....................................   3         1         c04
    ....................................................................ucacuggguguguguaAaa.....................................   1         1         c04
    ....................................................................ucacuggguguguguauaC.....................................   2         1         c04
    ....................................................................ucacuggguguguguauaa.....................................   10        0         c04
    ....................................................................ucacuggguguguguauCa.....................................   1         1         c04
    ....................................................................ucacuggguguguguauGa.....................................   564       1         c04
    ....................................................................ucacuggguguguguauaau....................................   26        0         c04
    ....................................................................Gcacuggguguguguauaau....................................   2         1         c04
    ....................................................................ucacuCgguguguguauaau....................................   1         1         c04
    ....................................................................ucacuggguguguguauaaA....................................   1         1         c04
    ....................................................................ucacuggguguguguauGau....................................   691       1         c04
    ....................................................................ucacuggguguguguauaaC....................................   1         1         c04
    ....................................................................ucacuggguguguguauaauA....................................   1         1         c04
    ....................................................................ucacuggguguguguauaaCu...................................   1         1         c04
    ....................................................................ucacuggguguguguauUauu...................................   1         1         c04
    ....................................................................ucacuggguguguguauaauu...................................   46        0         c04
    ....................................................................ucacuggguguguguauGauu...................................   1747      1         c04
```

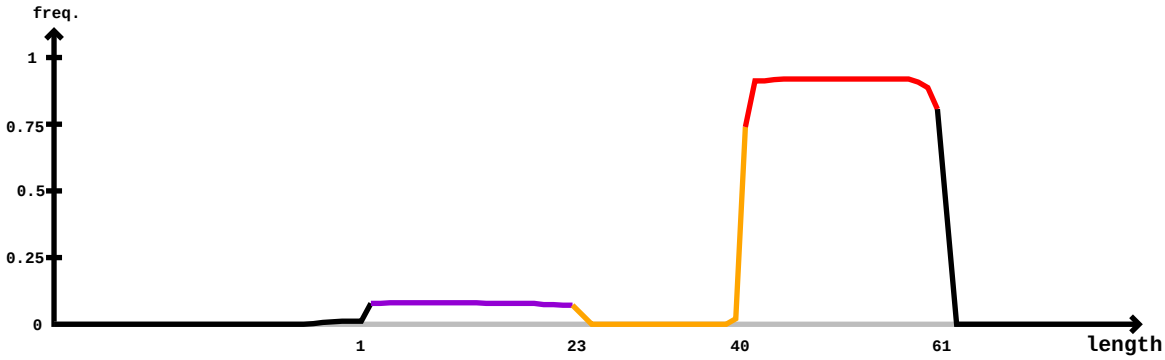
Star Mature

uugcugcucucaucaucaucaucugucacuaguaguugucacucgcucaguggacaugucucucauucugucacuggguguguguauaauuguuagcgacugaugcuacau

.....ucacuggguguguguauCauu.....	1	1	c04
.....ucacuggguguguguauGauug.....	1247	1	c04
.....ucacuggguguguguauCauug.....	1	1	c04
.....GcacuggguguguguauaauuG.....	3	1	c04
.....ucacuggguguguguauaauuG.....	36	0	c04
.....ucacuggguguguguauaaCugu.....	1	1	c04
.....ucacuggguguguguauUuugu.....	1	1	c04
.....ucacuggguguguCguauauugu.....	1	1	c04
.....Gcacuggguguguguauaauugu.....	48	1	c04
.....ucacuggguCuguguauaauugu.....	1	1	c04
.....ucacuggguguguguauUauugu.....	14	1	c04
.....ucacuggguguguguauCauugu.....	18	1	c04
.....ucacuggguguguCauaauugu.....	1	1	c04
.....ucacugggGguguguauaauugu.....	1	1	c04
.....ucacugCguguguguauaauugu.....	1	1	c04
.....ucacuggguguguguauaaAugu.....	1	1	c04
.....ucacuggguguguguauaauugu.....	708	0	c04
.....ucacuggguguguguauGauugu.....	27173	1	c04
.....Gcacuggguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguauGauuguu.....	504	1	c04
.....ucacuggguguguguauaauuguC.....	1	1	c04
.....ucacuggguguguguauaauuguu.....	19	0	c04
.....ucacuggguguguguauaauugGu.....	1	1	c04
.....ucacuggguguguguauaauuguA.....	7	1	c04
.....ucacuCgguguguguauaauuguu.....	1	1	c04
.....ucacuggguguguguauaauuguuU.....	3	1	c04
.....ucacuggguguguguauaauuguAa.....	1	1	c04
.....ucacuggguguguguauGauuguua.....	10	1	c04
.....ucacuggguguguguauaauuguuC.....	1	1	c04
.....ucacuggguguguguauGauuguuag.....	1	1	c04
.....cacuggguguguguauGauu.....	2	1	c04
.....cacuggguguguguauGauug.....	1	1	c04
.....cacuggguguguguauGauugu.....	11	1	c04
.....cacuggguguguguauGauuguu.....	1	1	c04
.....aGuggguguguguauaauu.....	1	1	c04
.....acuggguguguguauGauu.....	4	1	c04
.....acuggguguguguauaauugu.....	4	0	c04
.....acuggguguguguauGauugu.....	19	1	c04
.....cuggguguguguauGauug.....	2	1	c04
.....cuggguguguguauGauugu.....	96	1	c04
.....cuggguguguguauaauuguu.....	1	0	c04
.....cuggguguguguauGauuguu.....	1	1	c04
.....uggguguguguauGauugu.....	17	1	c04
.....ucacuggguguguguauGau.....	1	1	c16
.....ucacuggguguguguauGauugu.....	9	1	c16
.....ucacuggguguguguauGauuguu.....	1	1	c16
.....ucucaucUucaucaucugu.....	1	1	c09
.....ucacuggguguguguauGau.....	1	1	c09
.....ucacuggguguguguauGauug.....	1	1	c09
.....ucacuggguguguguauGauugu.....	16	1	c09
.....ucacuggguguguguauaauuguu.....	1	0	c09
.....ucacuggguguguguauGauuguu.....	1	1	c09
.....ucacuggguguguguauGa.....	1	1	c02
.....ucacuAgguguguguauaauugu.....	1	1	c15
.....ucacuggguguguguauGauugu.....	4	1	c15
.....Gcacuggguguguguauaauuguu.....	1	1	c15
.....ucacuggguguguguauaauuguu.....	12	0	c15

Provisional ID	:	group23_31303
Score total	:	218.9
Score for star read(s)	:	3.9
Score for read counts	:	212.7
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	429
Mature read count	:	399
Loop read count	:	0
Star read count	:	30





Star **Mature**

```
5'- aagaucgccgaacuaacgccgcaaggaauuuggcuguaacaugauuaaucuaugagugugauaagucuauagaaaaucauguuccagcccauuacuuguuggucuagcua  -3'   obs
    aagaucgccgaacuaacgccgcaaggaauuuggcuguaacaugauuaaucuaugagugugauaagucuauagaaaaucauguuccagcccauuacuuguuggucuagcua        exp
    ............(((..(((((((((..((..(((((.((((((((((..(((((((.(......).)).)))))).)))))))))).)))))..))..))))).))))...  reads   mm   sample
    ........................aauuCggcuguaacaugauuaaucuau.....................................................................  1       1    c02
    ...........................ggcuguaacaugauuaaucuau.....................................................................  1       0    c02
    ...........................ggcuguaacaugauuaaucuauA....................................................................  1       1    c02
    ..........................................................uagaaaaucauguuccagcccc.....................................  1       0    c02
    ........................................................agaaaaucauguuccagc.........................................  2       0    c02
    ........................................................agaaaaucauguuccagccc.......................................  7       0    c02
    ........................................................agaaaaucauguuccagccU.......................................  1       1    c02
    ........................................................agaaaaucauguuccagcAcc......................................  1       1    c02
    ........................................................Cgaaaaucauguuccagcccc......................................  5       1    c02
    ........................................................agaaaaucauguuccagcccc......................................  47      0    c02
    ........................................................agaaaaucauguuccagccccU.....................................  3       1    c02
    ........................................................Caaaaucauguuccagcccc.......................................  1       1    c02
    ........................................................gaaaaucauguuccagcccc.......................................  22      0    c02
    ........................................................gaaaaucauguuccagccccU.....................................  1       1    c02
    ..........................................................aaaucauguuccagcccc.......................................  1       0    c02

    ...........................ggcuguaacaugauuaaucuau.....................................................................  11      0    c15
    ...........................ggcuguaacaugauuaaucuauU....................................................................  1       1    c15
    ..........................................................uagaaaaCcauguuccagcc......................................  2       1    c15
    ..........................................................uagaaaaucauguuccagcccc.....................................  3       0    c15
    ........................................................agaaaaucauguuccagcc........................................  1       0    c15
    ........................................................agaaaaucauguuccagccc.......................................  12      0    c15
    ........................................................agaaaaCcauguuccagccc.......................................  1       1    c15
    ........................................................agaaaaucauguuccagcccA......................................  3       1    c15
    ........................................................agaaaaucauguuccagcccc......................................  101     0    c15
    ........................................................Ggaaaaucauguuccagcccc......................................  1       1    c15
    ........................................................agaaaaucauguuccagccccU.....................................  3       1    c15
    ........................................................agaaaaucauguuccagccccA.....................................  2       0    c15
    ........................................................gaaaaucauguuccagcccc.......................................  13      0    c15
    ........................................................UaaaaucauguuccagccccA.....................................  1       1    c15
    ........................................................gaaaaucauguuccagccccC.....................................  1       1    c15

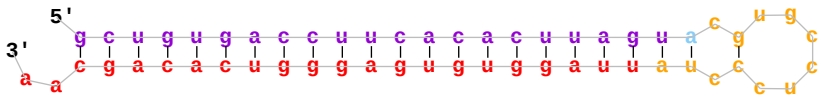
    ...........................ggcuguaacaugauuaaucuau.....................................................................  1       0    c04
```

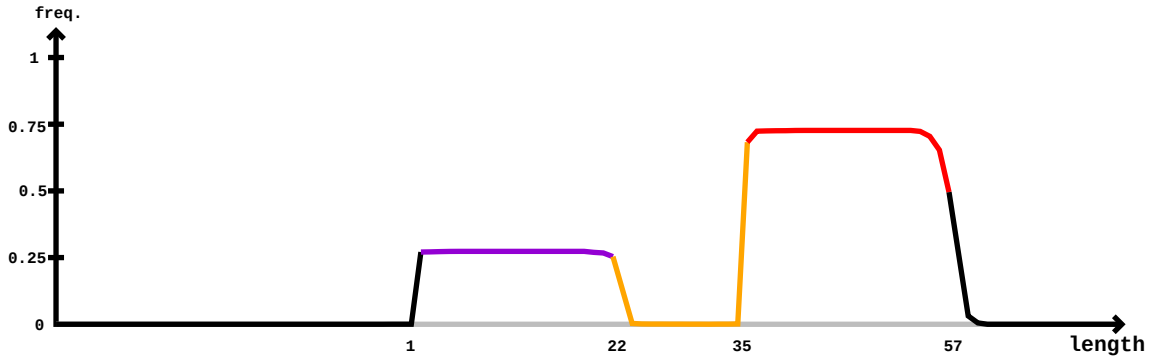
Star Mature

aagaucgccgaacuaacgccgcaaggaauuuggcuguaacaugauuaaucuaugagugugauaagucuauagaaaaucauguuccagcccauuacuuguuggucuagcua

.....agaaaaucauguuccagccccU.....	1	1	c04
.....gaaGuuggcuguaacaug.....	1	1	c16
.....aauCuggcuguaacaugauuaau.....	1	1	c16
.....Auuggcuguaacaugauuaaucuau.....	1	1	c16
.....ggcuguaacaugauuaaucu.....	1	0	c16
.....ggcuguaacaugauuaaucuau.....	11	0	c16
.....uagaaaaucauguuccagcc.....	1	0	c16
.....uagaaaaucauguuccagccc.....	1	0	c16
.....uagaaaaucauguuccagcccc.....	1	0	c16
.....agaaaaucauguuccagc.....	3	0	c16
.....agaaaaucauguuccagcc.....	5	0	c16
.....agaaaaucauguuccagccc.....	13	0	c16
.....agaaaaucauguuccagcAcc.....	1	1	c16
.....agaaaaucauguuccagUccc.....	1	1	c16
.....Cgaaaaucauguuccagcccc.....	3	1	c16
.....agaaaaucauguucAagcccc.....	1	1	c16
.....agaaaaucauguAccagcccc.....	1	1	c16
.....agaaaaucauguuccagcGcc.....	1	1	c16
.....agaaaaucauguuccagcccc.....	76	0	c16
.....agaaaaucauguuccUgcccc.....	1	1	c16
.....agaaaaucauguuccagccccU.....	8	1	c16
.....agaaaaucauguuccagcccca.....	1	0	c16
.....gaaaaucauguuccagcUcc.....	3	1	c16
.....gaaaaucauguuccagcccc.....	29	0	c16
.....gaaaaucauguuccagccccU.....	3	1	c16
.....aaaucauguuccagcccc.....	1	0	c16
.....aAuuggcuguaacaugauuaaucuau.....	1	1	c09
.....ggcuguaacaugauuaau.....	1	0	c09
.....ggcuguaacaugauuaaucuau.....	1	0	c09
.....cuguaacaugauuaaucuau.....	1	0	c09
.....agaaaaucauguuccagcccc.....	5	0	c09
.....Cgaaaaucauguuccagcccc.....	1	1	c09
.....gaaaaucauguuccagccccU.....	1	1	c09
.....aaucauguuccagccccU.....	1	1	c09

Provisional ID	:	group23_31481
Score total	:	2484.4
Score for star read(s)	:	3.9
Score for read counts	:	2477.4
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	4871
Mature read count	:	3542
Loop read count	:	0
Star read count	:	1329





Star **Mature**

```
5'- gccucuaaggaccacuacuaaguaccagggcugucugcugugaccuucacacuuaguacgugccucccuauuaggugugagggucacagcaagauauacuugugucuag  -3'   obs
    gccucuaaggaccacuacuaaguaccagggcugucugcugugaccuucacacuuaguacgugccucccuauuaggugugagggucacagcaagauauacuugugucuag        exp
    .(((...))).........((.((((((..(((((((((((((((((((((((((.(......).)))))))))))))))))))))))).)))))..)))).))))..   reads     mm      sample
    ..................................gcugugaccuucacacuuagua.....................................................   2         0       c04
    ..........................................................uuaggugugagggucaca.....................   1         0       c04
    ..........................................................uuaggugugagggucacagc...................   1         0       c04
    ..........................................................uuaggugugagggucacagca..................   1         0       c04
    ..........................................................uuaggugugagggucacagcaa.................   3         0       c04
    ..........................................................uuaggugugagggucacagcaag................   2         0       c04
    ..........................................................uuaggugugagggucacagcaaUa...............   1         1       c04
    ..........................................................uaggugugagggucacagcaaga................   1         0       c04

    ..................................gcugugaccuucacacuuag.....................................................   3         0       c16
    ..................................gcugugaccuucacacuuagu....................................................   2         0       c16
    ..................................gcugugaccuucacacuuagua...................................................   4         0       c16
    ..........................................................uuaggugugagggucacag....................   1         0       c16
    ..........................................................uuaggugugagggucacagU...................   2         1       c16
    ..........................................................uuaggugugagggucacagc...................   6         0       c16
    ..........................................................uuaggugugagggucacagca..................   6         0       c16
    ..........................................................uuaggugugagggucacagUa..................   1         1       c16
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    ..........................................................uuaggugugagggucacagcaa.................   7         0       c16
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    ..................................gcugugaccuucacacuuag.....................................................   23        0       c09
    ..................................gcugugaccuucacacuuGgu....................................................   1         1       c09
    ..................................gcugugCccuucacacuuagu....................................................   4         1       c09
    ..................................gcugugaccuuAacacuuagu....................................................   1         1       c09
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Star Mature

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.....Ccugugaccuucacacuuagu..... 4 1 c09

.....Ucugugaccuucacacuuagu..... 3 1 c09

.....gcugugaccuucacacuCagu..... 1 1 c09

.....gcugCgaccuucacacuuagu..... 1 1 c09

.....gcugugaccuucacacuuaCu..... 1 1 c09

.....gcugugacAuucacacuuagu..... 1 1 c09

.....gcugugaccuucacacuuagu..... 389 0 c09

.....gcugugaUcuucacacuuagu..... 1 1 c09

.....Ccugugaccuucacacuuagua..... 2 1 c09

.....gcugugaccuuAacacuuagua..... 1 1 c09

.....gcugugCccuucacacuuagua..... 4 1 c09

.....Ucugugaccuucacacuuagua..... 2 1 c09

.....gcugugaccuuGacacuuagua..... 1 1 c09

.....gcuguCaccuucacacuuagua..... 1 1 c09

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.....gcugugGccuucacacuuagua..... 1 1 c09

.....gcugugaccuucacacuuagua..... 195 0 c09

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.....uuaggugugagggucaca..... 11 0 c09

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.....uuaggugugagggucacU..... 1 1 c09

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.....uuaggugugagggucacagU..... 2 1 c09

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Star Mature

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.....uuaggugugagggucacagcaCg.....	1	1	c09
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.....uuaggugugagggucacagcaagU.....	11	1	c09
.....uuaggugugagggucacagcaagaA.....	4	1	c09
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.....uaggugugagggucacagc.....	3	0	c09
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.....ugugagggucacagcaag.....	2	0	c09

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Star Mature

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.....uuaggugugagggucacaAca.....	1	1	c02
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.....uuaggugugagggucacagcaU.....	28	1	c02
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.....uuaggugugagggucacagcaaC.....	3	1	c02
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.....uuagguguUagggucacagcaag.....	1	1	c02
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.....uuaggugugagggucacagcaaA.....	40	1	c02
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.....uuaggugugagggucacagcaagUu.....	4	1	c02
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.....uuaggugugagggucacagcaagCu.....	2	1	c02
.....uaggugugagggucacag.....	1	0	c02
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Star Mature

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.....gcugugaccuucacacuuaAua.....	2	1	c15
.....gcugugaccuucacacuuagua.....	79	0	c15
.....gcugugaccuucacacuuaguac.....	2	0	c15
.....gcugugaccuucacacuuaguacU.....	1	1	c15
.....gcugugaccuucacacuuaguacg.....	1	0	c15
.....gcugugaccuucacacuuaguacgugccuc.....	1	0	c15
.....Cuuaggugugagggucacagcaag.....	1	1	c15
.....uuaggugugagggucacag.....	7	0	c15
.....uuaggugugagggCcacagc.....	1	1	c15
.....uuaggugugagggucacagc.....	24	0	c15
.....uuaggugugagggucacagU.....	1	1	c15
.....uuaggugAgagggucacagca.....	1	1	c15
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.....uuaggugugagggucacagcaag.....	85	0	c15
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.....uuaggugugagggucacagcaaga.....	1	0	c15
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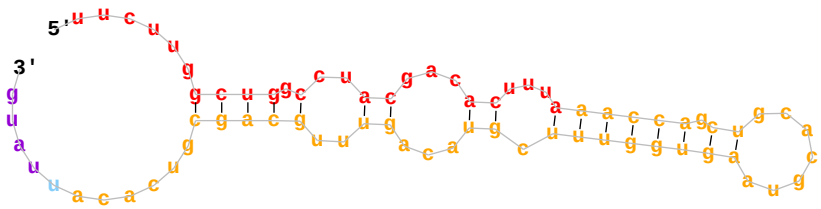
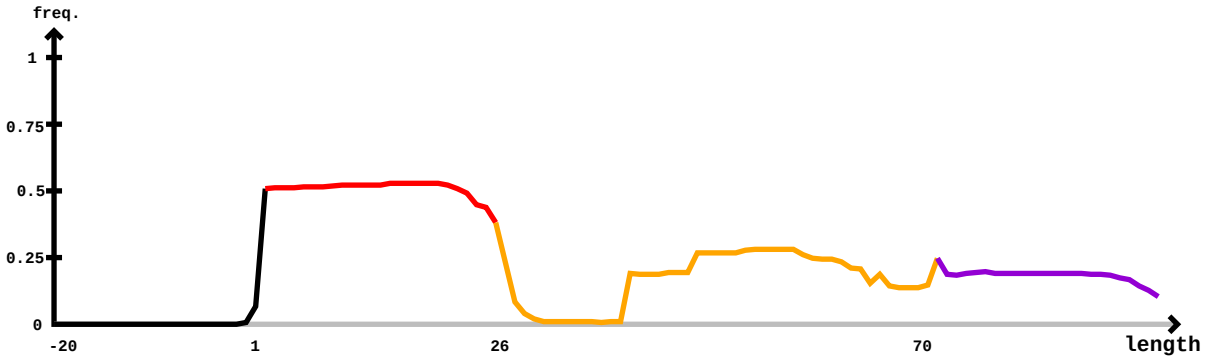
.....uuaggugugagggucacagcaagaA.....	2	1	c15
.....uuaggugugagggucacagcaaAau.....	1	1	c15
.....uaggugugagggucacagca.....	1	0	c15
.....uaggugugagggucacagcaa.....	3	0	c15
.....uaggugugagggucacagcaaA.....	1	1	c15
.....uaggugugagggucacagcaag.....	1	0	c15

Provisional ID	:	group24_31740
Score total	:	134.1
Score for star read(s)	:	3.9
Score for read counts	:	136.8
Score for mfe	:	-3.7
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	280
Mature read count	:	155
Loop read count	:	81
Star read count	:	44





Mature **Star**

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    ggacaucugacagcaaaauuuucuuggcuggccuacgacacuuuaaaccagcugcacguaaguggguuucguacaguuugcagcgucacauuauguuuagucgccguggaacgagu       exp
    ..................((((.((((.(((.((.((((.........((((((...((.((........)).)))))))).........)))))))))))).))))..... reads     mm      sample
    ..................uuuucuuggcuggccuacAacacuuu..................................................................... 1         1       c04
    ..................uuuucuuggcuggccuacgacacuuua..................................................................... 1         0       c04
    ..................uuucuuggcuggccuacgaca........................................................................... 1         0       c04
    ..................uuucuuggcuggccuacgacac.......................................................................... 1         0       c04
    ..................uuucuuggcuggccuacgaAacu......................................................................... 1         1       c04
    ..................uuucuuggcuggccuacAacacu......................................................................... 1         1       c04
    ..................uuucuuggcuggccuaUgacacuu........................................................................ 1         1       c04
    ..................uuucuuggcuggccuacCacacuu........................................................................ 1         1       c04
    ..................uuucuuggcuggccuacCacacuuu....................................................................... 1         1       c04
    ..................uuucuuggcuggccuacgacacuuu....................................................................... 4         0       c04
    ..................uuucuuggcuggccuacgacacuuua..................................................................... 5         0       c04
    ..................uuucuuggcuggccuacgacacCuua..................................................................... 1         1       c04
    ..................uuucuuggcuggccuacgaAacuuua..................................................................... 1         1       c04
    ..................uucuuggcuggccuacAac............................................................................. 1         1       c04
    ..................uucuuggcuggccuacgaA............................................................................ 1         1       c04
    ..................uucuuggcuggccuacgaca........................................................................... 2         0       c04
    ..................uucuuggcuggccuacCaca........................................................................... 1         1       c04
    ..................uucuuggcuggccuacgacac.......................................................................... 2         0       c04
    ..................Gucuuggcuggccuacgacac.......................................................................... 2         1       c04
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    ..................uucuuggcuggccuacgacacuuua..................................................................... 39        0       c04
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    ..................Gucuuggcuggccuacgacacuuuaa.................................................................... 3         1       c04
    ..................uucuuggcuggccuacAacacuuuaa.................................................................... 2         1       c04
    ..................uucuuggcuggccuacgacacuuuaa.................................................................... 15        0       c04
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Mature Star

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.....uucuuggcuggccuacgaAacuuuaa.....	6	1	c04
.....uucuuggcuggccuacgacuAuaa.....	1	1	c04
.....uucuuggcuggccuacgacGuuaa.....	1	1	c04
.....uucuuggcuggccuacgacAuuaaa.....	1	1	c04
.....uucuuggcuggccuacgaAacuuuaaa.....	3	1	c04
.....uucuuggcuggccuacgacacuuuaaa.....	7	0	c04
.....uucuuggcuggccuacAacacuuuaaa.....	1	1	c04
.....Gucuuggcuggccuacgacacuuuaaa.....	1	1	c04
.....uucuuggcuggccuacgacacuuuaaac.....	5	0	c04
.....uucuuggcuggccuacgacacuuuaaaA.....	1	1	c04
.....uucuuggcuggccuacgaAacuuuaaacc.....	1	1	c04
.....uucuuggcuggccuacgacacuuuaaacc.....	2	0	c04
.....ucuuggcuggccuacgacacu.....	1	0	c04
.....uggcuggccuacgacacuuuaa.....	1	0	c04
.....cuggccuacgacacuuua.....	1	0	c04
.....uggccuacgacacuuuaaaccagcugc.....	1	0	c04
.....uacAacacuuuaaaccagcugcacg.....	1	1	c04
.....uacgaAacuuuaaaccagcugcacgu.....	1	1	c04
.....cguaagugguuucguacaguuugcagc.....	1	0	c04
.....uaagugguuucguacagu.....	4	0	c04
.....Gaagugguuucguacagu.....	2	1	c04
.....uaagugguuucguacaguu.....	4	0	c04
.....uaagugguuucguacaguuu.....	1	0	c04
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.....Gaagugguuucguacaguuugca.....	1	1	c04
.....uaagugguuucguacaguuugGa.....	2	1	c04
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.....uaagugguuucguacaguuugcagc.....	15	0	c04
.....uaagugguuucguacaguuugcagcg.....	3	0	c04
.....uaagugguuucguacaguuugcagcgu.....	11	0	c04
.....Gaagugguuucguacaguuugcagcgu.....	1	1	c04
.....uaagugguuucguacaguuugcaCcgu.....	1	1	c04
.....uaagugguuucguacaguuugcagcguc.....	1	0	c04
.....uaagugguuucguacaguuugcagcguU.....	1	1	c04
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.....uuucguacaguuugcagcgucacau.....	1	0	c04
.....uCucguacaguuugcagcgucacauu.....	1	1	c04
.....uuucguacaguuugcagcgucacauu.....	16	0	c04
.....uuucguacaguuugcagcgucacauua.....	3	0	c04
.....uacaguuugcagcgucacauuaugu.....	1	0	c04
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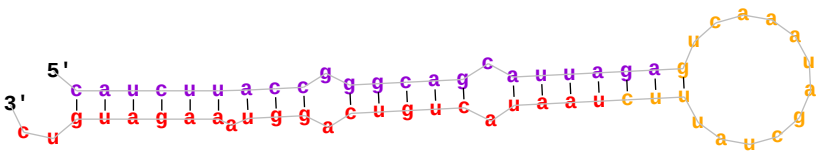
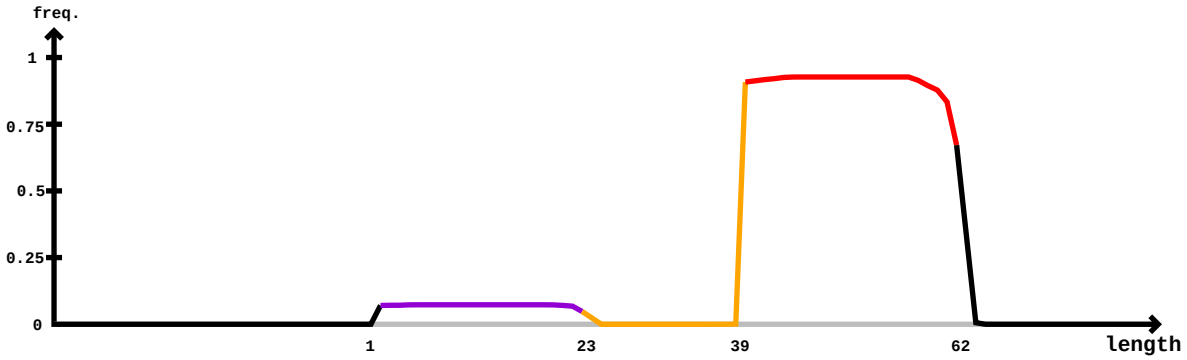
.....ucacauuauguuuagucgccguggaaU.....	2	1	c04
.....ucacauuauguuuagucgccguggaac.....	3	0	c04
.....ucacauuauguuuagucgccguggaaA.....	2	1	c04
.....uuauguuuagucgccguggaacgagu	6	0	c04
.....uauguuuagucgccgugg.....	1	0	c04
.....uauguuuagucgccguggaacg...	3	0	c04
.....uauguuuagucgccguggaaUg...	1	1	c04
.....uauguuuagucgccguggaacga..	5	0	c04
.....uauguuuagucgccguggaacgag.	3	0	c04
.....Gauguuuagucgccguggaacgagu	1	1	c04
.....uauguuuagucgccguggaacgagu	17	0	c04
.....uguuuagucgccguggaacg...	1	0	c04
.....uguuuagucgccguggaacgagu	1	0	c04
.....guuuagucgccguggaaUga..	1	1	c04
.....guuuagucgccguggaacgagu	1	0	c04
.....uuuagucgccguggaacga..	1	0	c04
.....uuagucgccguggaacgagu	2	0	c04

Provisional ID	:	group2_4472
Score total	:	619846.6
Score for star read(s)	:	3.9
Score for read counts	:	619836.3
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1215794
Mature read count	:	1127102
Loop read count	:	0
Star read count	:	88692





Star **Mature**

```
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    gcaacacucucuucaaccggaguggcgguucgcaucuuaccgggcagcauuagagucaaauagcuauuucuaauacugucagguaaagaugucguccgcgcuccacguucuac      exp
    ..................((((((.(((..((((((((((((.((((((.(((((((.............)))))))..)))))).)))..)))))))..)).)))))))).....  reads   mm   sample
    ............................uUgcaucuuaccgggcagcauuaga.....................................................................  1       1    c02
    ..............................caucuuaUcgggcagcau.........................................................................  1       1    c02
    ..............................caucuuaccgggcagcGu.........................................................................  1       1    c02
    ..............................caucuuaccgggcaCcau.........................................................................  1       1    c02
    ..............................caucuuaccgggcagcaA.........................................................................  2       1    c02
    ..............................caucuuaccgggcagcau.........................................................................  61      0    c02
    ..............................caucuuaccUggcagcauu.........................................................................  1       1    c02
    ..............................cCucuuaccgggcagcauu.........................................................................  1       1    c02
    ..............................caucuuaccgggAagcauu.........................................................................  2       1    c02
    ..............................cauAuuaccgggcagcauu.........................................................................  1       1    c02
    ..............................caucuuaccgggcagcauu.........................................................................  370     0    c02
    ..............................caucuuaccgggcCgcauu.........................................................................  2       1    c02
    ..............................caucuuCccgggcagcauu.........................................................................  1       1    c02
    ..............................caucuuacAgggcagcauu.........................................................................  1       1    c02
    ..............................caucuuUccgggcagcauu.........................................................................  1       1    c02
    ..............................caucuuaccgggcagAauu.........................................................................  2       1    c02
    ..............................Aaucuuaccgggcagcauua.........................................................................  1       1    c02
    ..............................cCucuuaccgggcagcauua.........................................................................  1       1    c02
    ..............................caucuuaccCggcagcauua.........................................................................  1       1    c02
    ..............................caucAuaccgggcagcauua.........................................................................  5       1    c02
    ..............................caucuuaccgggcagcauuC.........................................................................  1       1    c02
    ..............................caucuuaccgggcagUauua.........................................................................  1       1    c02
    ..............................caucuuaccgCgcagcauua.........................................................................  4       1    c02
    ..............................caucuuaccgggcCgcauua.........................................................................  2       1    c02
    ..............................caucuuacAgggcagcauua.........................................................................  6       1    c02
    ..............................caucuuaccgggAagcauua.........................................................................  5       1    c02
    ..............................caucuuaccgggcagcauAa.........................................................................  1       1    c02
    ..............................caucuuaccgggcagcauuG.........................................................................  2       1    c02
    ..............................caucuuaccgggcagcauCa.........................................................................  1       1    c02
    ..............................caucuuaccggCcagcauua.........................................................................  2       1    c02
    ..............................cauAuuaccgggcagcauua.........................................................................  1       1    c02
    ..............................caucuuaccgggcagAauua.........................................................................  1       1    c02
    ..............................caucuuaccgggcagcauua.........................................................................  951     0    c02
```

Star Mature

gcaacacucucuucaaccggaguggcgguucgcaucuuaccgggcagcauuagagucaaauagcuauuucuaauacugucagguaaagaugucguccgcgcuccacguucuac

.....caucuuaccggAcagcauua.....	1	1	c02
.....caucuuCccgggcagcauua.....	1	1	c02
.....caucuuaccgggcagcauuUg.....	1	1	c02
.....caucuuaccgggcagcauuaA.....	17	1	c02
.....caucuuaccgggcagUauuag.....	7	1	c02
.....caucuuaccgggcCgcauuag.....	6	1	c02
.....caucuuaccgggcaUcauuag.....	5	1	c02
.....caucuuaccgggcagcauGag.....	1	1	c02
.....caucGuaccgggcagcauuag.....	5	1	c02
.....caucuuaccgggcagcauuaU.....	11	1	c02
.....caucuuaccgggcagcUuuag.....	3	1	c02
.....cCucuuaccgggcagcauuag.....	16	1	c02
.....caucuuaccgggcagcauuag.....	8001	0	c02
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.....caucuuaccgCgcagcauuag.....	12	1	c02
.....caucuAaccgggcagcauuag.....	11	1	c02
.....caucuuCccgggcagcauuag.....	12	1	c02
.....cUucuuaccgggcagcauuag.....	1	1	c02
.....caucuuaccUggcagcauuag.....	7	1	c02
.....caucuuaccgggcGgcauuag.....	2	1	c02
.....caucuuaccgggGagcauuag.....	2	1	c02
.....caucuuaccgggcagcauuGg.....	2	1	c02
.....caucuuacUgggcagcauuag.....	5	1	c02
.....caucuuaccgggcagcGuuag.....	1	1	c02
.....caucuuaccgggcaCcauuag.....	10	1	c02
.....caucuuaccgggcagcauuaC.....	3	1	c02
.....caucuuaGcgggcagcauuag.....	1	1	c02
.....caucuuaccCggcagcauuag.....	5	1	c02
.....caucuuaccgggAagcauuag.....	16	1	c02
.....caucuuaUcgggcagcauuag.....	4	1	c02
.....caucuuaccggCcagcauuag.....	11	1	c02
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.....caucuuaAcgggcagcauuag.....	8	1	c02
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.....caucuuaccgggcagcCuuag.....	1	1	c02
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.....caucuuaccggUcagcauuag.....	8	1	c02
.....caucuuaccAggcagcauuag.....	2	1	c02
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.....caucAuaccgggcagcauuag.....	6	1	c02
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.....caucuuaccgggUagcauuag.....	2	1	c02
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.....cauAuuaccgggcagcauuag.....	18	1	c02
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.....caucuAaccgggcagcauuaga.....	4	1	c02
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.....caucuuaUcgggcagcauuaga.....	4	1	c02
.....caucuuaccgggcagcauuagG.....	9	1	c02
.....caucuuaccggAcagcauuaga.....	1	1	c02
.....Gaucuuaccgggcagcauuaga.....	1	1	c02
.....caucuuaccgggAagcauuaga.....	3	1	c02
.....caucuuCccgggcagcauuaga.....	4	1	c02
.....caucuuaccgggcagcauuaCa.....	5	1	c02

Star Mature

gcaacacucucuucaaccggaguggcgguucgcaucuuaccgggcagcauuagagucaaauagcuauuucuaauacugucagguaaagauguc guccgcgcuccacguucuac

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.....caucuuaccgAgcagcauuaga.....	1	1	c02
.....caucuuaccgggcGgcauuaga.....	1	1	c02
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.....caucuuaccgggcagcauCaga.....	1	1	c02
.....caucCuaccgggcagcauuaga.....	3	1	c02
.....caucAuaccgggcagcauuaga.....	7	1	c02
.....caucuuacGgggcagcauuaga.....	1	1	c02
.....caucuuGccgggcagcauuaga.....	3	1	c02
.....caucuuaccgggUagcauuaga.....	3	1	c02
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.....Aaucuuaccgggcagcauuaga.....	3	1	c02
.....caucuuaccgggcagcauAaga.....	2	1	c02
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.....caucuuaccggUcagcauuaga.....	3	1	c02
.....caucuuaccgggcagcauuagC.....	9	1	c02
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.....caucuuaccgCgcagcauuaga.....	10	1	c02
.....caucuuaccgggcagcUuuaga.....	2	1	c02
.....caucuuaccgggcagAauuaga.....	4	1	c02
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.....caucuuaccgggcagcauuagaC.....	3	1	c02
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.....ucuuaccgggcagcauuagU.....	1	1	c02
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Star Mature

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.....cuAaccgggcagcauuag.....	1	1	c02
.....cuuaccgggcagcauuaA.....	1	1	c02
.....cCuaccgggcagcauuaga.....	1	1	c02
.....cuuCccgggcagcauuaga.....	1	1	c02
.....cuuaccgggcagcauuaga.....	160	0	c02
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.....cuuaccgggcagcauuagag.....	1	0	c02
.....cuuaccgggcagcauuagaA.....	4	1	c02
.....uuaccgggcagcauuaga.....	19	0	c02
.....Guaccgggcagcauuaga.....	3	1	c02
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.....uuaccgUgcagcauuaga.....	1	1	c02
.....uuaccgggcagcaGuaga.....	1	1	c02
.....uuaccgggcagcauuagaA.....	1	1	c02
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.....auuucuaauacugucagguaaagauguc.....	2	0	c02
.....Cuucuaauacugucagguaaagaugu.....	1	1	c02
.....uucuaauacugucagguaaagaugu.....	1	0	c02
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.....cuaauacugucagguaaaga.....	6	0	c02
.....cuaauacugucagguaaagau.....	1	0	c02
.....Uuaauacugucagguaaagau.....	1	1	c02
.....cuaauacugucagguaaagaA.....	1	1	c02
.....cuaauacugucagguaaagaug.....	6	0	c02
.....cuaauacugucaggAaaagaugu.....	1	1	c02
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.....uaauacugucagguaaaC.....	4	1	c02
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.....uaauacugucagguaUag.....	3	1	c02
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.....uaauacugucagguaaGg.....	1	1	c02
.....uaauacugucagguaaaA.....	1	1	c02
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.....uaauacuCucagguaaaga.....	2	1	c02
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.....uaauacuAucagguaaaga.....	1	1	c02
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Star Mature

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.....uaauacuguAagguaaaga.....	1	1	c02
.....uaauacugucagguaaUga.....	2	1	c02
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.....uaauaAugucagguaaaga.....	2	1	c02
.....uaauacugCcagguaaaga.....	1	1	c02
.....uaauacugucagguaaagG.....	1	1	c02
.....uaauacCgucagguaaaga.....	1	1	c02
.....uaauacuguUagguaaaga.....	3	1	c02
.....uaauacAgucagguaaaga.....	2	1	c02
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.....uaaAacugucagguaaagau.....	2	1	c02
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.....	uaauacugucagguaaagaAgu.....	19	1	c02
.....	uaauacugucagguaaagauUu.....	12	1	c02
.....	uaauacugucagguaaagauCu.....	26	1	c02
.....	uaauacuCucagguaaagaugu.....	48	1	c02
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.....	uaauacugucaggUaagaugu.....	2	1	c02
.....	uaCuacugucagguaaagaugu.....	2	1	c02
.....	Caauacugucagguaaagaugu.....	15	1	c02
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.....	uaauacugucagguaaagaCgu.....	8	1	c02
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.....aAugucagguaaagaugu.....	1	1	c02
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.....GauacugucaggUaaagauguc.....	2	1	c09
.....aaGacugucaggUaaagauguc.....	2	1	c09
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.....aauacugucaggUaaagauguc.....	102	0	c09
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.....UauacugucaggUaaagauguc.....	3	1	c09
.....aauacugucaggUaaagaugucg.....	3	0	c09
.....aauacugucaggUaaagauguCC.....	24	1	c09
.....aauacugucaggUaaagauguCA.....	35	1	c09
.....aauacugucaggUaaagauguCU.....	260	1	c09
.....aauacugucaggUaaagaugucgu.....	1	0	c09
.....aauacugucaggUaaagauguCUu.....	3	1	c09
.....aauacugucaggUaaagauguCCu.....	2	1	c09
.....aauacugucaggUaaagauguGguc.....	1	1	c09
.....auacAgucaggUaaagau.....	1	1	c09
.....auacugucaggUaaagau.....	29	0	c09
.....UuacugucaggUaaagau.....	1	1	c09
.....CuacugucaggUaaagaug.....	2	1	c09
.....auacugucaggUaaagaug.....	35	0	c09
.....auacuguUaggUaaagaugu.....	1	1	c09
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Star Mature

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.....aAacugucagguaaagaugu.....	1	1	c09
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.....auacugucagguaaagauAu.....	1	1	c09
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.....auacugCcagguaaagaugu.....	1	1	c09
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.....auacugucagguaaagauUuc.....	2	1	c09
.....auacugucagguaaagauguc.....	319	0	c09
.....Guacugucagguaaagauguc.....	3	1	c09
.....auacugucagguaaagauguA.....	5	1	c09
.....Uuacugucagguaaagauguc.....	1	1	c09
.....auUcugucagguaaagauguc.....	3	1	c09
.....auacugucagCuaaagauguc.....	1	1	c09
.....auacugucagguaaagauguU.....	3	1	c09
.....aGacugucagguaaagauguc.....	1	1	c09
.....auacugAcagguaaagauguc.....	1	1	c09
.....aCacugucagguaaagauguc.....	2	1	c09
.....aAacugucagguaaagauguc.....	4	1	c09
.....auacugucagguaaagauguG.....	1	1	c09
.....Cuacugucagguaaagauguc.....	7	1	c09
.....auacugucagguaaagauCuc.....	3	1	c09
.....auacugucagguaaagauguCC.....	8	1	c09
.....auacugucagguaaagauguCA.....	17	1	c09
.....auacugucagguaaagauguCg.....	3	0	c09
.....auacugucagguaaagauguCU.....	87	1	c09
.....auacugucagguaaagauguCUu.....	5	1	c09
.....auacugucagguaaagauguCAu.....	1	1	c09
.....uacugucagguaaagauU.....	1	1	c09
.....Gacugucagguaaagaug.....	1	1	c09
.....uacugucagguaaagauC.....	1	1	c09
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.....uacugucagAuaaagaugu.....	1	1	c09
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.....Gacugucagguaaagaugu.....	17	1	c09
.....Aacugucagguaaagaugu.....	2	1	c09
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.....Aacugucagguaaagauguc.....	3	1	c09
.....uaAugucagguaaagauguc.....	1	1	c09
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.....uacugucaUguaaagauguc.....	1	1	c09
.....uacugucagguaaagauguc.....	253	0	c09
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.....uacugucagguaaagauUuc.....	1	1	c09
.....uacugucCgguaaagauguc.....	1	1	c09
.....uacugucagguaaagauguA.....	3	1	c09
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.....uacugucagguaaagauguU.....	9	1	c09
.....uacugucagguaaagauguCU.....	63	1	c09
.....uacugucagguaaagauguCA.....	11	1	c09
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.....acugucaggAaaagaugu.....	1	1	c09
.....acugucagCuaaagaugu.....	1	1	c09
.....Gcugucagguaaagaugu.....	1	1	c09
.....acugucagguaaagauAu.....	1	1	c09
.....aGugucagguaaagaugu.....	4	1	c09
.....acugucagguaaagauCuc.....	1	1	c09
.....acugucagguaaagauUuc.....	2	1	c09
.....aGugucagguaaagauguc.....	1	1	c09
.....acugucagguaGagauguc.....	1	1	c09

Star Mature

gcaacacucucuucaaccggaguggcgguucgcaucuuaccgggcagcauuagagucaaauagcuauuucuaauacugucagguaaagaugucguccgcgcuccacguucuac

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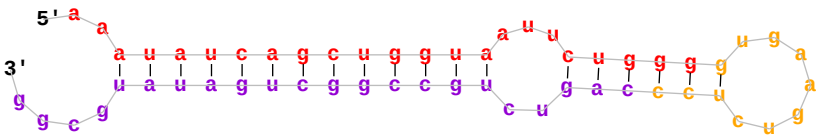
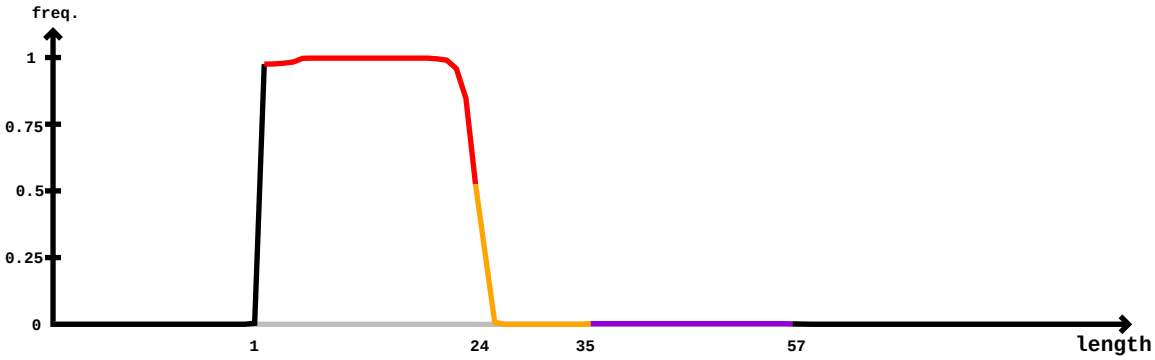
.....Ccugucagguaaagauguc.....	22	1	c09
.....aAugucagguaaagauguc.....	1	1	c09
.....Gcugucagguaaagauguc.....	4	1	c09
.....aUugucagguaaagauguc.....	2	1	c09
.....acugucagguaaagauguc.....	369	0	c09
.....acGgucagguaaagauguc.....	1	1	c09
.....acugucagguaaagauguA.....	2	1	c09
.....acugucaCguaaagauguc.....	2	1	c09
.....acAgucagguaaagauguc.....	1	1	c09
.....acugucagguaaCgauguc.....	1	1	c09
.....acugucagguaaagauguU.....	11	1	c09
.....acugucagguaaagaugucU.....	134	1	c09
.....acugucagguaaagaugucg.....	1	0	c09
.....acugucagguaaagaugucC.....	2	1	c09
.....acugucagguaaagaugucA.....	6	1	c09
.....acugucagguaaagaugucUu.....	3	1	c09
.....acugucagguaaagaugucCuc.....	1	1	c09
.....cugucagguaaagauguA.....	1	1	c09
.....cugucaCguaaagauguc.....	1	1	c09
.....cAgucagguaaagauguc.....	1	1	c09
.....Gugucagguaaagauguc.....	2	1	c09
.....cugucagguaaagauguc.....	170	0	c09
.....cugucagguaaagauguU.....	8	1	c09
.....cugucagguaaaUauguc.....	1	1	c09
.....cugucagguaaaCauguc.....	1	1	c09
.....cugucagguaaagaugucA.....	5	1	c09
.....cugucagguaaagaugucU.....	51	1	c09
.....cugucagguaaagaugucg.....	1	0	c09
.....cugucagguaaagaugucC.....	2	1	c09
.....cugucagguaaagaugucUu.....	1	1	c09
.....ugucagguaaagaugucg.....	1	0	c09
.....ugucagguaaagaugucA.....	3	1	c09
.....ugucagguaaagaugucU.....	28	1	c09

Provisional ID	:	group25_32810
Score total	:	7545.3
Score for star read(s)	:	3.9
Score for read counts	:	7534.3
Score for mfe	:	2.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	14790
Mature read count	:	14756
Loop read count	:	0
Star read count	:	34





Mature **Star**

```
5'- aguaacucccacuccggcuaaauaucagcugguaauucugggugugaagucucccagucugccggcugauaugcggccgggggggggcucgcgaggcgcgcgcuagaccu  -3'   obs
    aguaacucccacuccggcuaaauaucagcugguaauucugggugugaagucucccagucugccggcugauaugcggccgggggggggcucgcgaggcgcgcgcuagaccu        exp
    .......((((.(((((((((..(((((((((((((...((((((.......))))))..))))))))))))))..))))))))))))((.((((...)))).)).......  reads      mm         sample
    ...................uaaauaucagcugguaauucug.....................................................................  1          0          c04
    ...................aaauaucagcugguaauu.......................................................................  5          0          c04
    ...................aaauaucagcugguaauuc......................................................................  8          0          c04
    ...................aaauaucagcugguaauucu.....................................................................  21         0          c04
    ...................aaauaucagcugguaauucug....................................................................  87         0          c04
    ...................Caauaucagcugguaauucug....................................................................  2          1          c04
    ...................aaauaucagcuCguaauucug....................................................................  1          1          c04
    ...................aaauaucagcugguaauucuAg...................................................................  1          1          c04
    ...................Uaauaucagcugguaauucugg...................................................................  1          1          c04
    ...................aaauauUagcugguaauucugg...................................................................  1          1          c04
    ...................aaauauAagcugguaauucugg...................................................................  1          1          c04
    ...................aaauaucCgcugguaauucugg...................................................................  1          1          c04
    ...................Gaauaucagcugguaauucugg...................................................................  1          1          c04
    ...................aaauaucagcugguaauucuCg...................................................................  1          1          c04
    ...................aaauaucagcugguaauucugg...................................................................  306        0          c04
    ...................aaauUucagcugguaauucugg...................................................................  1          1          c04
    ...................aaauaucagcugguaaGucugg...................................................................  1          1          c04
    ...................aaauaucagcugguaauucugU...................................................................  2          1          c04
    ...................aaauaucaCcugguaauucugg...................................................................  1          1          c04
    ...................aGauaucagcugguaauucugg...................................................................  1          1          c04
    ...................aaauaucagcugguaauuAugg...................................................................  1          1          c04
    ...................aaauaucagcugguaauAcugg...................................................................  1          1          c04
    ...................aaauaucagcugguaauucugA...................................................................  2          1          c04
    ...................aaauaucagcuCguaauucugg...................................................................  1          1          c04
    ...................Caauaucagcugguaauucugg...................................................................  5          1          c04
    ...................aaauaucagcugguaauucuggU..................................................................  6          1          c04
    ...................Caauaucagcugguaauucuggg..................................................................  2          1          c04
    ...................aaauaucagcugUuaauucuggg..................................................................  1          1          c04
    ...................aaauauAagcugguaauucuggg..................................................................  1          1          c04
    ...................aaauUucagcugguaauucuggg..................................................................  1          1          c04
    ...................aaauaucagcugCuaauucuggg..................................................................  1          1          c04
    ...................aaauaucagcugguaauucuggg..................................................................  207        0          c04
    ...................aaauCucagcugguaauucuggg..................................................................  1          1          c04
```

Mature Star

aguaacucccacuccggcuaaauaucagcugguaauucugggugugaagucucccagucugccggcugauaugcggccgggggggggcucgcgaggcgcgcgcuagaccu

.....aaauaucagcugguaauucuCgg.....	1	1	c04
.....aaauaucagcugguaauucuggA.....	1	1	c04
.....aaauaucUgcugguaauucuggg.....	1	1	c04
.....aaauaucagcugguaauucugggU.....	7	1	c04
.....aaauaucagcugguaauucugggA.....	12	1	c04
.....aaauaucagcugguaauucugggAu.....	1	1	c04
.....aauaucagcugguaauucug.....	1	0	c04
.....auaucagcugguaauucugg.....	3	0	c04
.....aAaucagcugguaauucugg.....	1	1	c04
.....auaucagcugguaauucuggg.....	2	0	c04
.....uaucagcugguaauucugg.....	2	0	c04
.....uaucagcugguaauucuggg.....	3	0	c04
.....aucagcugguaauucugU.....	1	1	c04
.....aucagcugguaauucugg.....	8	0	c04
.....aucagcugguaauucuggg.....	4	0	c04
.....Cucagcugguaauucuggg.....	1	1	c04
.....ucagcugguaauucuggg.....	1	0	c04
.....Gcagcugguaauucuggg.....	1	1	c04
.....cagucugccggcugauaugcg.....	1	0	c04

.....uaaauaucagcugguaauucu.....	5	0	c16
.....Gaaauaucagcugguaauucu.....	1	1	c16
.....uaaauaucagcugguaauucug.....	6	0	c16
.....uUaauaucagcugguaauucug.....	1	1	c16
.....Gaaauaucagcugguaauucug.....	4	1	c16
.....uaaauaucagcugguaauucugg.....	17	0	c16
.....Gaaauaucagcugguaauucugg.....	1	1	c16
.....aaauaucaCcugguaauu.....	1	1	c16
.....aaauauUagcugguaauu.....	1	1	c16
.....aaauaucagcugguaauu.....	20	0	c16
.....aaauaucagcugguaauuc.....	25	0	c16
.....aaauGucagcugguaauuc.....	1	1	c16
.....Gaauaucagcugguaauucu.....	1	1	c16
.....aaauaucagcuCguaauucu.....	2	1	c16
.....aaauaucagcugguaauuAu.....	2	1	c16
.....aaauaucagcugguaauucA.....	1	1	c16
.....aaauaucagcugguaauucu.....	261	0	c16
.....aaauauAagcugguaauucu.....	1	1	c16
.....Caauaucagcugguaauucu.....	10	1	c16
.....aaauauAagcugguaauucug.....	4	1	c16
.....aaauaucagcugguaauucuC.....	1	1	c16
.....aaauaucagcugguaauucCg.....	1	1	c16
.....aaauaucagcugguaauucAg.....	2	1	c16
.....aaauaucagcugguaGuucug.....	1	1	c16
.....aaauaucagcugguaauucuU.....	1	1	c16
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.....aaauauUagcugguaauucug.....	1	1	c16
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.....aaauaucagcuggGaauucug.....	1	1	c16
.....aaauaucaUcugguaauucug.....	1	1	c16
.....aaauaucagcugguaauucGg.....	1	1	c16
.....aaauaucagcugguaauuAug.....	1	1	c16
.....aaauaucagcugguUauucug.....	1	1	c16
.....aaauaucagcugCuaauucug.....	1	1	c16
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.....aaauGucagcugguaauucug.....	1	1	c16
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.....aaauaucagcGgguaauucug.....	1	1	c16
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.....Gaauaucagcugguaauucug.....	1	1	c16
.....aaauaucagcugguaauucug.....	971	0	c16
.....aaauaucagcuUguaauucug.....	1	1	c16
.....aUauaucagcugguaauucug.....	2	1	c16
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.....aaCuaucagcugguaauucugg.....	1	1	c16
.....aaauaucagcugguaauucuCg.....	1	1	c16
.....aaauaucagcugUuaauucugg.....	2	1	c16
.....aaauaucagcugguaauuUugg.....	2	1	c16
.....aaauauGagcugguaauucugg.....	1	1	c16

Mature Star

aguaacucccacuccggcuaaauaucagcugguaauucugggugugaagucucccagucugccggcugauaugcggccgggggggggcucgcgaggcgcgcgcuagaccu

.....aaauaucagAugguaauucugg.....	7	1	c16
.....aaauaucagcugguaauucugC.....	6	1	c16
.....aaauaucagcugCuaauucugg.....	5	1	c16
.....Caauaucagcugguaauucugg.....	87	1	c16
.....aaauaucagcuggAaauucugg.....	1	1	c16
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.....aaaAaucagcugguaauucugg.....	1	1	c16
.....Uaauaucagcugguaauucugg.....	1	1	c16
.....aaauaucagcugAuaauucugg.....	1	1	c16
.....aaauaucagcugguaauucugU.....	16	1	c16
.....aaauaucagcugguaauucuAg.....	1	1	c16
.....aaauaAcagcugguaauucugg.....	1	1	c16
.....aaauaucagcugguaauucAgg.....	1	1	c16
.....aaGuaucagcugguaauucugg.....	1	1	c16
.....aaauauAagcugguaauucugg.....	8	1	c16
.....aaauaucagcugguaUuucugg.....	1	1	c16
.....aaauaucagcugguaauucugg.....	2306	0	c16
.....aaauaucaUcugguaauucugg.....	1	1	c16
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.....aaauaucagcugguaauAcugg.....	1	1	c16
.....aaauaucagcugguaauucCgg.....	1	1	c16
.....aaauaucagcuAguaauucugg.....	1	1	c16
.....aaauGucagcugguaauucugg.....	1	1	c16
.....aaauaucCgcugguaauucugg.....	1	1	c16
.....aaauaucagcuCguaauucugg.....	1	1	c16
.....aaauaucagcGgguaauucugg.....	3	1	c16
.....aaauaucagcugguaauucuUg.....	1	1	c16
.....aaauaucagcugguaauuAugg.....	9	1	c16
.....aaauaucagcugguaauucugA.....	3	1	c16
.....aGauaucagcugguaauucugg.....	1	1	c16
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.....aaauauUagcugguaauucugg.....	2	1	c16
.....aaauaucagcugguaaAucugg.....	4	1	c16
.....Gaauaucagcugguaauucuggg.....	1	1	c16
.....aaauaucagcugguaauucugUg.....	4	1	c16
.....aaauaucagcuCguaauucuggg.....	10	1	c16
.....aGauaucagcugguaauucuggg.....	1	1	c16
.....aaauaucagcugUuaauucuggg.....	2	1	c16
.....aaauaucagcugguaauucuUgg.....	2	1	c16
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.....aUauaucagcugguaauucuggg.....	3	1	c16
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.....aaauaucagcuUguaauucuggg.....	3	1	c16
.....aaauaucagcugguaauCcuggg.....	2	1	c16
.....aaauaucagcugguaauucuggU.....	24	1	c16
.....aaauaucaCcugguaauucuggg.....	1	1	c16
.....aaauaucagcugguaauucAggg.....	4	1	c16
.....Uaauaucagcugguaauucuggg.....	2	1	c16
.....aaauaucagcugguaGucuggg.....	3	1	c16
.....aaauaucagcugguaauAcuggg.....	1	1	c16
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.....aaauaucagcugguaauucuggC.....	4	1	c16
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.....aaauaucagcugguGauucuggg.....	2	1	c16
.....Caauaucagcugguaauucuggg.....	145	1	c16
.....aaauaucagUugguaauucuggg.....	2	1	c16

Mature Star

aguaacucccacuccggcuaaauaucagcugguaauucugggugugaagucucccagucugccggcugauaugcggccgggggggggcucgcgaggcgcgcgcuagaccu

.....aaauaucagAugguaauucuggg.....	6	1	c16
.....aaauaucaUcugguaauucuggg.....	2	1	c16
.....aaauauUagcugguaauucuggg.....	1	1	c16
.....aaauaucagcugguaauucugCg.....	9	1	c16
.....aaauUucagcugguaauucuggg.....	4	1	c16
.....aaauaucagcugguaauucCggg.....	3	1	c16
.....aaauaucagcugguaauucugggC.....	2	1	c16
.....aaauaucagcugguaauucuggggg.....	1	0	c16
.....aaauaucagcugguaauucugggA.....	91	1	c16
.....aaauaucagcugguaauucugggU.....	94	1	c16
.....aaauaucagcugguaauucugggAu.....	20	1	c16
.....aaauaucagcugguaauucugggUu.....	11	1	c16
.....aaauaucagcugguaauucuggggA.....	2	1	c16
.....aauaucagcugguaauucugg.....	2	0	c16
.....aaAaucagcugguaauucuggg.....	1	1	c16
.....Gauaucagcugguaauucuggg.....	1	1	c16
.....aauaucagcugguaauucuggg.....	3	0	c16
.....aauaucagcugguaauucugggA.....	1	1	c16
.....auaucagcugguaauucu.....	1	0	c16
.....auaucagcugguaauucug.....	2	0	c16
.....auaucagcugguaauucugg.....	5	0	c16
.....Cuaucagcugguaauucugg.....	1	1	c16
.....auaucagcugguaauucuggg.....	3	0	c16
.....Cuaucagcugguaauucuggg.....	2	1	c16
.....auaucagcugguaauucugggU.....	1	1	c16
.....auaucagcugguaauucugggUu.....	1	1	c16
.....uaucagcugguaauucug.....	6	0	c16
.....uaucagcugguaauucugg.....	7	0	c16
.....Gaucagcugguaauucugg.....	2	1	c16
.....uaucagcugguaauucuggA.....	1	1	c16
.....Gaucagcugguaauucuggg.....	1	1	c16
.....uaucagcugguaauucuggg.....	17	0	c16
.....uaucagcugguaauucugggA.....	1	1	c16
.....aucagcugguaauucCgg.....	1	1	c16
.....Cucagcugguaauucugg.....	4	1	c16
.....aucagcugguaauucugg.....	34	0	c16
.....aucagAugguaauucuggg.....	1	1	c16
.....aucagcugguaauucuggA.....	1	1	c16
.....aucagcugguaauucuggg.....	46	0	c16
.....Cucagcugguaauucuggg.....	14	1	c16
.....aucagcugguaauucugggA.....	5	1	c16
.....ucagcugguaauucuggg.....	3	0	c16
.....cagucugccggcugauaugcg.....	1	0	c16
.....cagucugccggcugaGaugcgg.....	1	1	c16
.....cagucugccggcugauaugcgg.....	9	0	c16
.....Ggucugccggcugauaugcgg.....	1	1	c16

.....uaaauaucagcugguaau.....	1	0	c09
.....uaaauaucagcugguaauucug.....	2	0	c09
.....uaaauaucagcugguaauucugg.....	1	0	c09
.....Gaaauaucagcugguaauucuggg.....	1	1	c09
.....aaauaucagcugguaauu.....	9	0	c09
.....Caauaucagcugguaauu.....	1	1	c09
.....aaauaucagcugguaauuc.....	5	0	c09
.....Caauaucagcugguaauucu.....	1	1	c09
.....aaauaucagcugguaauucu.....	53	0	c09
.....aaauaucagcugAuaauucu.....	1	1	c09
.....aaauaucagcugguaauucA.....	1	1	c09
.....aaauCucagcugguaauucu.....	1	1	c09
.....aaauaucagcugguaauucug.....	181	0	c09
.....Caauaucagcugguaauucug.....	4	1	c09
.....aaauaucagcugguaUuucug.....	1	1	c09
.....aaauaucagcAgguaauucug.....	1	1	c09
.....aaauaucagUugguaauucugg.....	1	1	c09
.....aaauaucagcugguaauucugC.....	1	1	c09
.....aaauaucagcugguaauuAugg.....	2	1	c09
.....aaauaucagcCgguaauucugg.....	1	1	c09
.....aaGuaucagcugguaauucugg.....	1	1	c09
.....aaauaucagcugguaaCucugg.....	1	1	c09
.....aaauaucCgcugguaauucugg.....	1	1	c09

Mature Star

aguaacucccacuccggcuaaauaucagcugguaauucugggugugaagucucccagucugccggcugauaugcggccgggggggggcucgcgaggcgcgcgcuagaccu

.....aaauaucaUcugguaauucugg.....	1	1	c09
.....aaauaucGgcugguaauucugg.....	1	1	c09
.....aaauaucagcugguaauucugg.....	440	0	c09
.....aaauaucagcugguaauucuCg.....	1	1	c09
.....Caauaucagcugguaauucugg.....	4	1	c09
.....aaauauGagcugguaauucuggg.....	1	1	c09
.....aGauaucagcugguaauucuggg.....	1	1	c09
.....aaauaucagAugguaauucuggg.....	1	1	c09
.....aaauaucagcugguaauucuggC.....	1	1	c09
.....aaaCaucagcugguaauucuggg.....	1	1	c09
.....Caauaucagcugguaauucuggg.....	7	1	c09
.....aaauaucagcugguaauucuCgg.....	1	1	c09
.....aaauaucagUugguaauucuggg.....	1	1	c09
.....aaauauAagcugguaauucuggg.....	1	1	c09
.....aaauaucagcuggCaauucuggg.....	1	1	c09
.....aaauaucagcugguaaAucuggg.....	1	1	c09
.....aaauaucagcugguaauucuggg.....	621	0	c09
.....aaauaucUgcugguaauucuggg.....	1	1	c09
.....aaauaucagcugUuaauucuggg.....	1	1	c09
.....aaUuaucagcugguaauucuggg.....	1	1	c09
.....aaauaucagcAgguaauucuggg.....	1	1	c09
.....aaauaucagcugguaauucuggA.....	3	1	c09
.....aaauaucagcugCuaauucuggg.....	1	1	c09
.....aaauaucagcugguaauucuggU.....	8	1	c09
.....aaauaucagcugguaauucugCg.....	1	1	c09
.....aaauaucagcugguaauuAuggg.....	2	1	c09
.....aaauaucagcugguaauucugggC.....	5	1	c09
.....aaauaucagcugguaauucugggU.....	5	1	c09
.....aaauaucagcugguaauucugggA.....	19	1	c09
.....aaauaucagcugguaauucuggggG.....	1	1	c09
.....aaauaucagcugguaauucuggggA.....	2	1	c09
.....aauaucagcugguaauucug.....	1	0	c09
.....aauaucagcugguaauucugg.....	1	0	c09
.....auaucagcugguaauucu.....	1	0	c09
.....auaucagcugguaauucugg.....	1	0	c09
.....auaucagcugguaauucuggg.....	6	0	c09
.....auaucUgcugguaauucuggg.....	1	1	c09
.....uaucagcugguaauucug.....	1	0	c09
.....uaucagcugguaauucugg.....	4	0	c09
.....uaucagcugguaauucuggg.....	5	0	c09
.....aucagcugguaauucugg.....	27	0	c09
.....Cucagcugguaauucugg.....	5	1	c09
.....Cucagcugguaauucuggg.....	4	1	c09
.....aucagcugguaauucuggg.....	23	0	c09
.....aucagcugguaauucuggUg.....	1	1	c09
.....Gcagcugguaauucuggg.....	1	1	c09
.....Acagcugguaauucuggg.....	1	1	c09
.....ucagcugguaauucuggg.....	3	0	c09
.....cagucugccggcugauaugcg.....	2	0	c09
.....cagucugccggcugauaugcgg.....	1	0	c09

.....uaaauaucagcugguaauucA.....	1	1	c15
.....uaaauaucagcugguaauucugg.....	5	0	c15
.....uaaauaucagcugguaauucuggg.....	1	0	c15
.....aaauaucagcugguaauuc.....	32	0	c15
.....Uaauaucagcugguaauucu.....	1	1	c15
.....aaauaucGgcugguaauucu.....	1	1	c15
.....aaauaucagcugguaauucu.....	60	0	c15
.....aaauaucagcugguaauucA.....	2	1	c15
.....aaauaucagcugguaauucuA.....	16	1	c15
.....aaauaucGgcugguaauucug.....	1	1	c15
.....aaauaucagcugguaauucug.....	193	0	c15
.....aaauaucagcugguaauucuC.....	1	1	c15
.....aaauauUagcugguaauucug.....	1	1	c15
.....aaauaucagcugguaauucuU.....	1	1	c15
.....aaauaucagcugguaUuucugg.....	1	1	c15
.....aaauauUagcugguaauucugg.....	1	1	c15
.....aaauUucagcugguaauucugg.....	1	1	c15
.....aaauaucagcugguaauAcugg.....	2	1	c15
.....aaauaucagcugguaauucugU.....	25	1	c15

Mature Star

aguaacucccacuccggcuaaauaucagcugguaauucugggugugaagucucccagucugccggcugauaugcggccgggggggggcucgcgaggcgcgcgcuagaccu

.....aaauaucagcugguaauuGugg.....	1	1	c15
.....aaauaucagcugguaauucugg.....	979	0	c15
.....aaauaucagcuAguaauucugg.....	1	1	c15
.....aaauaucagcugguaauucugC.....	5	1	c15
.....aaauaucagcugguaaGucugg.....	1	1	c15
.....aaauaucagcuggAaauucugg.....	2	1	c15
.....Uaauaucagcugguaauucugg.....	1	1	c15
.....aaauaAcagcugguaauucugg.....	1	1	c15
.....aaauaucagcugguaauucugA.....	9	1	c15
.....aaauaucagcugguaauuUugg.....	1	1	c15
.....aaauaucagcugguaauucuAg.....	1	1	c15
.....aaauaucagAugguaauucugg.....	1	1	c15
.....aaauaucagcugguaauucGggg.....	2	1	c15
.....aaauaucagcuggGaauucuggg.....	1	1	c15
.....aaauaucagcugguaauucuggA.....	12	1	c15
.....aaauaucUgcugguaauucuggg.....	1	1	c15
.....aaauaucCgcugguaauucuggg.....	1	1	c15
.....aaauaucagcugguaauucugAg.....	1	1	c15
.....aaUuaucagcugguaauucuggg.....	1	1	c15
.....aaauaucagcugguaauucuggC.....	3	1	c15
.....aaauaucagcugguaauucuggg.....	1809	0	c15
.....aaauaucagcugguaauucuAgg.....	1	1	c15
.....aGauaucagcugguaauucuggg.....	2	1	c15
.....aaauaucGgcugguaauucuggg.....	2	1	c15
.....aaauaucagcuggCaauucuggg.....	1	1	c15
.....aaauaGcagcugguaauucuggg.....	1	1	c15
.....aaauaucagcugguaauucCggg.....	1	1	c15
.....aCauaucagcugguaauucuggg.....	1	1	c15
.....Uaauaucagcugguaauucuggg.....	2	1	c15
.....aaauaucagcugguaauucuggU.....	56	1	c15
.....aaauaucagcugguaauCcuggg.....	1	1	c15
.....aaauaucagcugguaauucugggg.....	2	0	c15
.....aaauaucagcugguaauucugggU.....	159	1	c15
.....aaauaucagcugguaauucugggA.....	50	1	c15
.....aaauaucagcugguaauucugggUu.....	51	1	c15
.....aaauaucagcugguaauucugggAu.....	16	1	c15
.....aauaucagcugguaauucuUg.....	1	1	c15
.....aauaucagcugguaauucugggU.....	1	1	c15
.....aucagcugguaauucuggg.....	2	0	c15
.....cagucugccggcugauaugc.....	2	0	c15
.....cagucugccggcugauaugcA.....	1	1	c15
.....cagucugccggcugauaugcg.....	7	0	c15
.....cagucugccggcugauaugcgg.....	8	0	c15

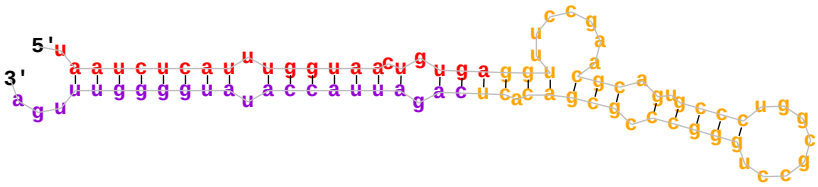
.....Gaaauaucagcugguaauucug.....	1	1	c02
.....uaaauaucagcugguaauucug.....	1	0	c02
.....uaaauaucagcugguaauucugg.....	3	0	c02
.....Gaaauaucagcugguaauucugg.....	1	1	c02
.....aaauaucagcugguaauu.....	1	0	c02
.....aaauaucagcugguaauuc.....	2	0	c02
.....aaauaucagcugguaauucu.....	36	0	c02
.....aaUuaucagcugguaauucug.....	1	1	c02
.....Caauaucagcugguaauucug.....	3	1	c02
.....aaauaucagcugguaauucAg.....	1	1	c02
.....aaauaucagAugguaauucug.....	1	1	c02
.....aaauauAagcugguaauucug.....	1	1	c02
.....aaauaucagcugguaauucug.....	99	0	c02
.....aaauaAcagcugguaauucugg.....	1	1	c02
.....aaauaucagcugguaauucuCg.....	1	1	c02
.....aaauaucagGugguaauucugg.....	1	1	c02
.....aaauaucagcugguaauucugg.....	278	0	c02
.....aaauaucagcugguaauucuAg.....	1	1	c02
.....aaauaucagcugguaauucugC.....	1	1	c02
.....aaauaucagcugguaauucCgg.....	1	1	c02
.....aaauaucCgcugguaauucugg.....	2	1	c02
.....aaauaucagcuCguaauucugg.....	1	1	c02
.....aaauaucagcugguaauucugU.....	5	1	c02
.....aaauaucagcGgguaauucugg.....	1	1	c02
.....aaauaucagcCgguaauucugg.....	2	1	c02
.....aaauaucaCcugguaauucugg.....	1	1	c02

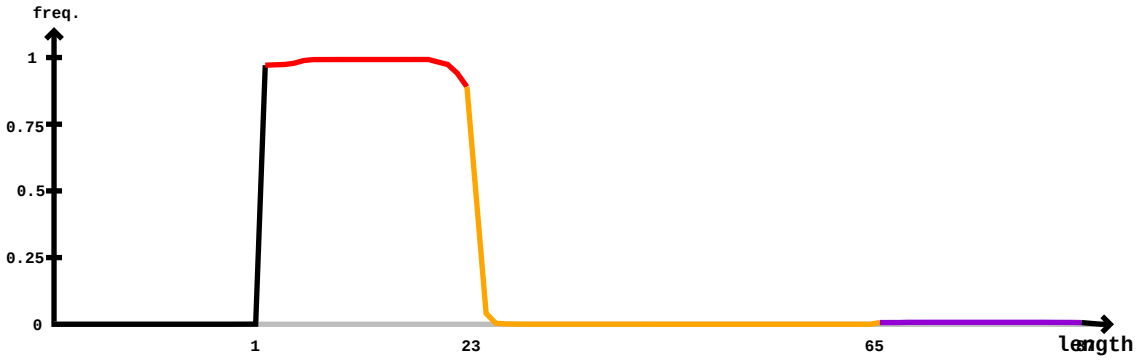
Mature Star

```
aguaacucccacuccggcuaaauaucagcugguaauucugggugugaagucucccagucugccggcugauaugcggccgggggggggcucgcgaggcgcgcgcuagaccu
```

.....aaaAaucagcugguaauucugg.....	1	1	c02
.....Caauaucagcugguaauucugg.....	7	1	c02
.....aaauaucagcugguaauucuggA.....	4	1	c02
.....aaauaAcagcugguaauucuggg.....	1	1	c02
.....aaauaucagGugguaauucuggg.....	2	1	c02
.....aaauaucagcugguaauucuggU.....	1	1	c02
.....aaauaucagcugCuaauucuggg.....	2	1	c02
.....aaauaucagcuUguaauucuggg.....	1	1	c02
.....aaauaucagcuggAaauucuggg.....	1	1	c02
.....aaauaucagcugguaauucuggg.....	691	0	c02
.....aaauaucagAugguaauucuggg.....	2	1	c02
.....aaauaucagcuCguaauucuggg.....	1	1	c02
.....aaauaucagcugguaauucAggg.....	1	1	c02
.....aaauaucagcugguaaGucuggg.....	2	1	c02
.....aaauaucagcugguaauucuCgg.....	1	1	c02
.....aaauaucagcugguaauCcuggg.....	1	1	c02
.....aaauauAagcugguaauucuggg.....	1	1	c02
.....aaauaucagcugguaauucugUg.....	1	1	c02
.....Caauaucagcugguaauucuggg.....	23	1	c02
.....aaauaucagcugguaauucugggU.....	2	1	c02
.....aaauaucagcugguaauucugggA.....	16	1	c02
.....aaauaucagcugguaauucugggUu.....	1	1	c02
.....aaauaucagcugguaauucugggAu.....	1	1	c02
.....Cuaucagcugguaauucuggg.....	1	1	c02
.....auaucagcugguaauucuggg.....	8	0	c02
.....uaucagcugguaauucugg.....	2	0	c02
.....uaucagcugguaauucuggg.....	11	0	c02
.....aucagcugguaauucugg.....	6	0	c02
.....Cucagcugguaauucugg.....	1	1	c02
.....Cucagcugguaauucuggg.....	3	1	c02
.....aucagcugguaauucuggg.....	17	0	c02

Provisional ID	:	group25_32812
Score total	:	15627.7
Score for star read(s)	:	3.9
Score for read counts	:	15621.7
Score for mfe	:	1.4
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	30653
Mature read count	:	30425
Loop read count	:	2
Star read count	:	226





Mature **Star**

```
5'- cgcuuccgccuaccucgguuuaaucucauuugguaacuguggguuuccgaacgcagugcccuggcgccugggcccgcgacacucagauuaccauauggggguuugacu  -3'   obs
    cgcuuccgccuaccucgguuuaaucucauuugguaacuguggguuuccgaacgcagugcccuggcgccugggcccgcgacacucagauuaccauauggggguuugacu       exp
    .((....)).......((((.(((((((((.(((((((.(.(((((.......(((.(.((((........)))))..)))))..)))).)))))))).)))))))).))))  reads      mm         sample
    ..................uuuaaucucauuugguaacugug.....................................................................  1          0          c02
    ....................Aaaucucauuugguaacu.......................................................................  1          1          c02
    ....................Gaaucucauuugguaacu.......................................................................  4          1          c02
    ....................uaaucucauuugguaacu.......................................................................  7          0          c02
    ....................uaaucucauuugguaacug......................................................................  6          0          c02
    ....................uaaucucauuugguaacugC.....................................................................  1          1          c02
    ....................Gaaucucauuugguaacugu.....................................................................  4          1          c02
    ....................uaaucucauuugguaCcugu.....................................................................  1          1          c02
    ....................uaaucucauuugguaacugu.....................................................................  55         0          c02
    ....................uaaAcucauuugguaacugu.....................................................................  1          1          c02
    ....................uaaucucauuCgguaacugug....................................................................  1          1          c02
    ....................Gaaucucauuugguaacugug....................................................................  2          1          c02
    ....................uaaucucauuugguaacugug....................................................................  24         0          c02
    ....................uaaucucauuugguaacuguU....................................................................  1          1          c02
    ....................uaaucucauuugCuaacugug....................................................................  1          1          c02
    ....................uaaucucauuugguaacuguCa...................................................................  1          1          c02
    ....................uGaucucauuugguaacuguga...................................................................  1          1          c02
    ....................Aaaucucauuugguaacuguga...................................................................  1          1          c02
    ....................uaaucucaGuugguaacuguga...................................................................  1          1          c02
    ....................uaaucucauuugguaacuCuga...................................................................  1          1          c02
    ....................uaaucucauuugguaacuguga...................................................................  111        0          c02
    ....................Gaaucucauuugguaacuguga...................................................................  11         1          c02
    ....................uaaucucauuugguaacuguU....................................................................  1          1          c02
    ....................uaaucucauuugguaacuguCag..................................................................  2          1          c02
    ....................uaaucucaAuugguaacugugag..................................................................  2          1          c02
    ....................uaaucuUauuugguaacugugag..................................................................  1          1          c02
    ....................uaaucucauuugCuaacugugag..................................................................  1          1          c02
    ....................uaaucucauuugguaacugugaA..................................................................  16         1          c02
    ....................uaauUucauuugguaacugugag..................................................................  2          1          c02
    ....................Gaaucucauuugguaacugugag..................................................................  7          1          c02
    ....................uaaucucauuuCguaacugugag..................................................................  1          1          c02
    ....................Aaaucucauuugguaacugugag..................................................................  1          1          c02
    ....................uaaucucauuugguaacugAgag..................................................................  1          1          c02
```

Mature Star

cgcuuccgccuaccucgguuuaaucucauuugguaacuguggguuuccgaacgcagugcccuggcgccugggcccgcgacacucagauuaccauaugggguuugacu

.....uaaucucauuugguaacugugaU.....	10	1	c02
.....uaaucucauuugguaacugugag.....	162	0	c02
.....uaaucucauuugguaacuguUag.....	2	1	c02
.....uaaucucauuugguaacugugagg.....	1	0	c02
.....uaaucucauuugguaacugugagA.....	1	1	c02
.....uaaucucauuugguaacugugagU.....	14	1	c02
.....uaaucucauuugguaacugugagUu.....	2	1	c02
.....uaaucucauuugguaacugugagUuuu.....	1	1	c02
.....aucucauuugguaacuguga.....	1	0	c02
.....Gcucauuugguaacuguga.....	1	1	c02
.....ucucauuugguaacuguga.....	2	0	c02
.....ucucauuugguaacugugagU.....	1	1	c02
.....cucauuugguaacuguga.....	3	0	c02
.....cucauuugguaacugugag.....	5	0	c02
.....cucauuugguaacugugaA.....	1	1	c02
.....ucauuugguaacugugag.....	7	0	c02
.....cauuugguaacugugagU.....	2	1	c02
.....cagauuaccauaugggguu.....	1	0	c02
.....cagauuaccauaugggguuug...	1	0	c02
.....cagauuaccauaugggguuuga..	6	0	c02
.....cagauuaccauaugggguuugaU.	1	1	c02
.....cagauuaccauaugggguuugaA.	1	1	c02
.....auuaccauaugggguuuga..	5	0	c02
.....uuaccauaugggguuuga..	1	0	c02
.....uaccauaugggguuugaA.	1	1	c02

.....uuaaucucauuugguaacuguga.....	1	0	c15
.....Cuaaucucauuugguaacuguga.....	3	1	c15
.....uaaucucauuugguaacu.....	28	0	c15
.....uaaucucGuuugguaacug.....	1	1	c15
.....uaaucucauuugguaacuA.....	3	1	c15
.....uaaucucauuugguaacug.....	108	0	c15
.....uaaucucauuugguaacugu.....	82	0	c15
.....uaaucucauuugguaacugA.....	1	1	c15
.....uaaucucaAuugguaacugug.....	1	1	c15
.....uaaucuUauuugguaacugug.....	1	1	c15
.....uaaucucauuugguaacuguC.....	2	1	c15
.....uaaucucauuugguaacugug.....	643	0	c15
.....uaaucucauuugguaacuAug.....	1	1	c15
.....uaaucucauuugguaacuguU.....	7	1	c15
.....uaaucucauuugguaacuCug.....	1	1	c15
.....uaaucucauuugguaacuguA.....	9	1	c15
.....uaaucucGuuugguaacugug.....	1	1	c15
.....Caaucucauuugguaacugug.....	1	1	c15
.....uaaucucauuugguGacuguga.....	6	1	c15
.....Gaaucucauuugguaacuguga.....	1	1	c15
.....uaaucucCuuugguaacuguga.....	3	1	c15
.....uaauUucauuugguaacuguga.....	2	1	c15
.....uaaucucauAugguaacuguga.....	2	1	c15
.....Aaaucucauuugguaacuguga.....	3	1	c15
.....uaaucucauuugguaaUuguga.....	1	1	c15
.....uaaucucUuuugguaacuguga.....	1	1	c15
.....uaaucucauuugguaacAguga.....	2	1	c15
.....uaaucucauuugguaacGguga.....	1	1	c15
.....uaaucucauuugguaacuguAa.....	20	1	c15
.....uaaucucauuuUguaacuguga.....	3	1	c15
.....uaaucucauuugAuaacuguga.....	3	1	c15
.....uGaucucauuugguaacuguga.....	6	1	c15
.....uUaucucauuugguaacuguga.....	2	1	c15
.....uaaucucauuAgguaacuguga.....	3	1	c15
.....uaaucCcauuugguaacuguga.....	4	1	c15
.....uaauAucauuugguaacuguga.....	2	1	c15
.....uaaucucauuugguaacugAga.....	6	1	c15
.....uaaucucauuugguaacCguga.....	5	1	c15
.....uaaucucauuugguaaGuguga.....	1	1	c15
.....uaaucucauuugguaacugGga.....	5	1	c15
.....uaaucucauuugguaacugugC.....	3	1	c15
.....uaaucucGuuugguaacuguga.....	7	1	c15
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Mature Star

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.....uaaucucauuugguaacugCga.....	14	1	c15
.....uaaucucauuugguaacugugU.....	50	1	c15
.....uaaucucauuugguaacuAuga.....	3	1	c15
.....uaaucuUauuugguaacuguga.....	4	1	c15
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.....uaaucucauuugguaUcuguga.....	3	1	c15
.....uaUucucauuugguaacuguga.....	4	1	c15
.....uaaucucauuugguaGcuguga.....	3	1	c15
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.....cagauuaccauaugggguuugaU.	2	1	c15
.....cagauuaccauaugggguuugaA.	20	1	c15
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Mature **Star**

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Mature **Star**

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.....................cucauuuggguaacuCugag.....................  1   1   c04
.....................cucauuuggguaacugugag.....................  28  0   c04
.....................cucauuuggguaacugugagA....................  2   1   c04
.....................cucauuuggguaacugugagU....................  1   1   c04
.....................cucauuuggguaacugugagAu...................  1   1   c04
.....................ucauuuggguaacugugag......................  11  0   c04
.....................ucauuuggguaacugugaA......................  1   1   c04
.....................ucauuuggguaacugugaU......................  1   1   c04
.....................uUauuuggguaacugugag......................  1   1   c04
.....................ucauuuggguaacugugagU.....................  1   1   c04
.....................................................cagauuaccauaugggu.....  2   0   c04
.....................................................cagauuaccauauggggu.....  1   0   c04
.....................................................cagauuaccauaugggguuug...  2   0   c04
.....................................................cagauuaccauaugggguuuga..  4   0   c04
.....................................................cagauuaccauaugggguuugaU.  1   1   c04
.....................................................auuaccauaugggguuuga..  2   0   c04

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Mature	Star			
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.....uaaGcucauuuggguaacuguga.....		3	1	c16
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.....uaauAucauuuggguaacuguga.....		8	1	c16
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Mature Star

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.....uUucauuuggguaacugugag.....	3	1	c16
.....Gcucauuuggguaacugugag.....	9	1	c16
.....ucucauuuggguaacugugGg.....	1	1	c16
.....ucucauuuggguaacugugag.....	29	0	c16
.....ucucauuuggguaacugugagU.....	3	1	c16
.....cGcauuuggguaacuguga.....	1	1	c16
.....cucauuuggguaacugugU.....	1	1	c16
.....cucauuuUguaacuguga.....	1	1	c16
.....cucauuuggguaacuguga.....	63	0	c16
.....cuAauuuggguaacuguga.....	1	1	c16
.....cucauuuggguaacugugaA.....	2	1	c16
.....cucauuuggguaacugugag.....	125	0	c16
.....cucauuuggguaacugugaU.....	4	1	c16
.....cucauuuggguaacuCugag.....	1	1	c16
.....cucauuuggguaacugugagU.....	7	1	c16
.....cucauuuggguaacugugagC.....	1	1	c16
.....cucauuuggguaacugugagA.....	1	1	c16

Mature Star

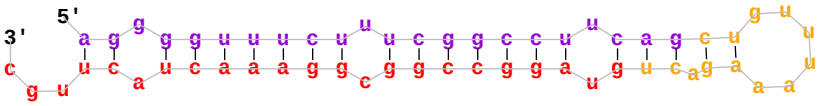
cgcuuccgccuaccucgguuuaaucucauuugguaacuguagguuuccgaacgcagugcccuggcgccugggcccgcgacacucagauuaccauaugggguuugacu

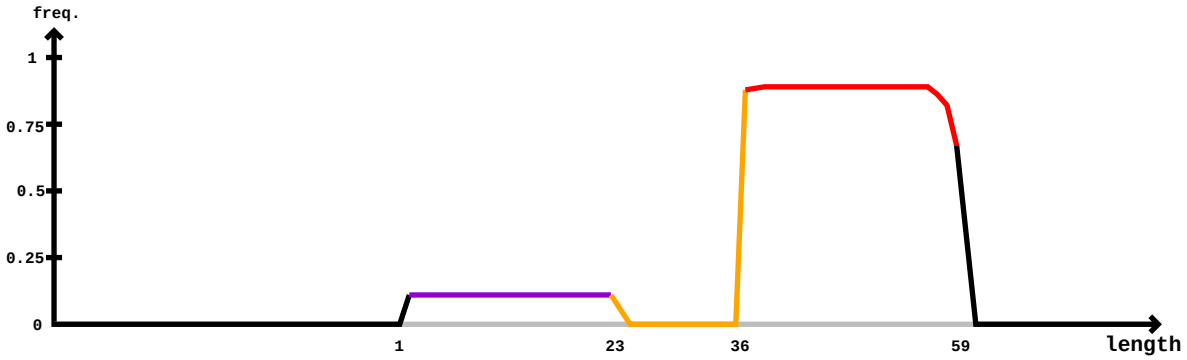
.....cucauuugguaacugugagUu.....	1	1	c16
.....ucauuugguaacugugaU.....	2	1	c16
.....Gcauuugguaacugugag.....	5	1	c16
.....ucauuugguaacugugaA.....	1	1	c16
.....ucauuugguaacugugag.....	45	0	c16
.....Ccauuugguaacugugag.....	1	1	c16
.....ucCuuugguaacugugag.....	1	1	c16
.....ucauuugguaacugugagA.....	1	1	c16
.....ucauuugguaacugugagU.....	3	1	c16
.....cauuugguaacugugagA.....	1	1	c16
.....cauuugguaacugugagU.....	2	1	c16
.....auuugguaacugugagUu.....	1	1	c16
.....auuugguaacugugagAu.....	1	1	c16
.....auuugguaacugugagUuu.....	1	1	c16
.....cugugagguuuccgaacgcagugccc.....	1	0	c16
.....uuuccgaacgcagugcccu.....	1	0	c16
.....cagauuaccauaugggu.....	4	0	c16
.....cagauuaccauaugggguu.....	2	0	c16
.....cagauuaccauaugggguuu....	2	0	c16
.....cagauuaccauaugggguuug...	16	0	c16
.....cGgauuaccauaugggguuuga..	1	1	c16
.....cagauuaccauaugggguuuga..	56	0	c16
.....cagauuaccauaugggguuugaA.	4	1	c16
.....auuaccauaugggguuuga..	13	0	c16
.....auuaccauaugggguCuga..	1	1	c16
.....Cuuaccauaugggguuuga..	1	1	c16
.....auuaccauaugggguuugaU.	1	1	c16
.....uuaccauaugggguuuga..	1	0	c16

.....uuuaaucucauuugguaacugugag.....	1	0	c09
.....Gaaucucauuugguaacu.....	2	1	c09
.....uaaucucauuugguaacu.....	36	0	c09
.....uaaucucauuugguaacug.....	16	0	c09
.....uaaucucauuugguaacuA.....	1	1	c09
.....Gaaucucauuugguaacug.....	1	1	c09
.....uaaucucauuugguaacugu.....	35	0	c09
.....Gaaucucauuugguaacugu.....	3	1	c09
.....uaaucucauuugguaacuguC.....	1	1	c09
.....Gaaucucauuugguaacugug.....	4	1	c09
.....uaaucucauuugguaacugug.....	21	0	c09
.....uaaucucauuugguaacAguga.....	1	1	c09
.....uaaucucauuugguaacuguga.....	156	0	c09
.....uaaucucauuGgguaacuguga.....	1	1	c09
.....uaaucucauuugguaacugugC.....	1	1	c09
.....Gaaucucauuugguaacuguga.....	11	1	c09
.....uaaucucauuugguaacugugU.....	1	1	c09
.....uaaucucauuugguaacugugaU.....	13	1	c09
.....uaaucuAauuugguaacugugag.....	2	1	c09
.....uaaucucauuugguaacuguCag.....	2	1	c09
.....uaaucucaGuugguaacugugag.....	1	1	c09
.....Aaaucucauuugguaacugugag.....	2	1	c09
.....uaaucucauuugguaacugugag.....	489	0	c09
.....uaaucucauuuCguaacugugag.....	1	1	c09
.....uaaucucauuugguaacCgugag.....	1	1	c09
.....uaaucucauuugguaacuCugag.....	1	1	c09
.....uaaucucauuugguaacugugaC.....	1	1	c09
.....uaaucucauuugguaacugugGg.....	1	1	c09
.....Gaaucucauuugguaacugugag.....	41	1	c09
.....uaaucucauuugguaacugugaA.....	7	1	c09
.....uaaucucauuugguaacugugagA.....	4	1	c09
.....uaaucucauuugguaacugugagU.....	45	1	c09
.....uaaucucauuugguaacugugagC.....	5	1	c09
.....uaaucucauuugguaacugugagg.....	1	0	c09
.....uaaucucauuugguaacugugagUu.....	4	1	c09
.....uaaucucauuugguaacugugagUuu.....	1	1	c09
.....uaaucucauuugguaacugugagCuu.....	1	1	c09
.....uaaucucauuugguaacugugagUuuu.....	1	1	c09
.....uaaucucauuugguaacugugagguuuccgaacgcaC.....	1	1	c09
.....aaucucauuugguaacugAga.....	1	1	c09
.....aucucauuugguaacugu.....	1	0	c09

Mature
Star
cgcuuccgccuaccucgguuuaaucucauuuggguaacuguaggguuuccgaacgcagugcccuggcgccugggcccgcgacacucagauuaccauaugggguuuga
.....Cucucauuuggguaacugugag.....
.....ucucauuuggguaacugug.....
.....ucucauuuggguaacuguga.....
.....uAucauuuggguaacuguga.....
.....ucucauuuggguaacugugaA.....
.....Gcucauuuggguaacugugag.....
.....ucucauuuggguaacugugag.....
.....ucucauuuggguaacugugagU.....
.....ucucauuuggguaacugugagA.....
.....cucauuuggguaacuguga.....
.....cucauuuggguaacugugag.....
.....cucauuuggguaacugugagA.....
.....ucaGuuggguaacugugag.....
.....ucauuuggguaacugugag.....
.....Gcauuuggguaacugugag.....
.....ucauuuggguaacugugagU.....
.....uuuggguaacugugagguA.....
.....cagauuaccauaugggguuuga..
.....auuaccauaugggguuuga..
1 1 c09
1 0 c09
4 0 c09
1 1 c09
1 1 c09
1 1 c09
9 0 c09
2 1 c09
1 1 c09
11 0 c09
39 0 c09
1 1 c09
1 1 c09
11 0 c09
1 1 c09
5 1 c09
1 1 c09
3 0 c09
2 0 c09

Provisional ID	:	group25_32919
Score total	:	92.9
Score for star read(s)	:	3.9
Score for read counts	:	82.2
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	173
Mature read count	:	154
Loop read count	:	0
Star read count	:	19





Star **Mature**

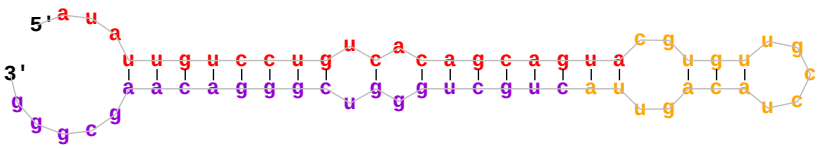
```
5'- aagaucaaaaagaccgaagccccgguacggucagcagggguuucuuucggccuucagcuguuuaaagacuguaggccggcggaaacuacuugcugaccuuacuuauacacuac  -3'   obs
    aagaucaaaaagaccgaagccccgguacggucagcagggguuucuuucggccuucagcuguuuaaagacuguaggccggcggaaacuacuugcugaccuuacuuauacacuac        exp
    ............((((......))))..((((((((((((((((((.(((((((.(((((.....)).))).)))))))).)))))))).))))))))).............  reads    mm       sample
    ................................aggggguuucuuucggccuucag.....................................................................  8        0        c09
    ..........................................................................guaggccggcggaaacuacu.....................  1        0        c09
    ..........................................................................guaggccggcggaaacuacuugc..................  11       0        c09
    ..........................................................................Cuaggccggcggaaacuacuugc..................  1        1        c09

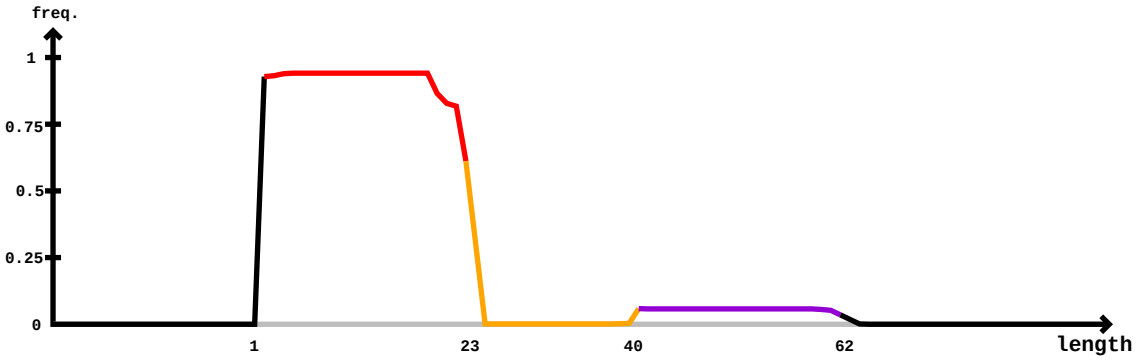
    ................................Cgggguuucuuucggccuucag.....................................................................  2        1        c16
    ................................aggggguuucuuucggccuucag.....................................................................  4        0        c16
    ..........................................................................Cuaggccggcggaaacuacu.....................  1        1        c16
    ..........................................................................guaggccggcggaaacuacu.....................  2        0        c16
    ..........................................................................guaggccggcggaaacuacuu....................  7        0        c16
    ..........................................................................guaggccggcggaaacuacuuC...................  1        1        c16
    ..........................................................................guaggccggcggaaacuacuug....................  22       0        c16
    ..........................................................................guaggccggcggaaacuacuugc...................  48       0        c16
    ..........................................................................guaggccggcggaaacuacuuCc...................  1        1        c16
    ..........................................................................guaggccgCcggaaacuacuugc...................  1        1        c16
    ..........................................................................guaggccggcggaaacuacuugcA..................  31       1        c16
    ..........................................................................guaggccggcggaaacuacuugcu..................  2        0        c16
    ..........................................................................uaggccggcggaaacuacuugcu...................  1        0        c16
    ..........................................................................Cggccggcggaaacuacuugc.....................  1        1        c16

    ..........................................................................guaggccggcggaaacuacuug....................  2        0        c15
    ..........................................................................guaggccggcggaaacuacuugc...................  12       0        c15

    ................................aggggguuucuuucggccuucag.....................................................................  5        0        c02
    ..........................................................................guaggccggcggaaacuacu.....................  1        0        c02
    ..........................................................................guaggccggcggaaacuacuug....................  1        0        c02
    ..........................................................................guaggccggcggaaacuacuugc...................  6        0        c02
    ..........................................................................guaggccggcggaaacuacuugcu..................  1        0        c02
```

Provisional ID	:	group25_32938
Score total	:	482.4
Score for star read(s)	:	3.9
Score for read counts	:	471.7
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	937
Mature read count	:	882
Loop read count	:	1
Star read count	:	54





Mature **Star**

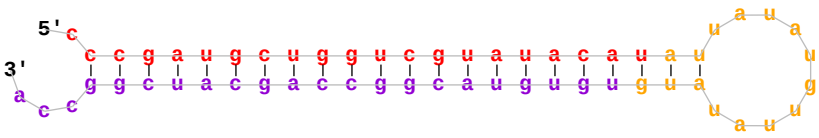
```
5'- cagccucgcgcgucacgaccauauuguccugucacagcaguacguguugccuacaguuacugcugggucgggacaagcgggccguggcgucgcuaacacaccagcagc  -3'   obs
    cagccucgcgcgucacgaccauauuguccugucacagcaguacguguugccuacaguuacugcugggucgggacaagcgggccguggcgucgcuaacacaccagcagc        exp
    .......((((((((((.((...(((((((((.(.(((((((((..(((.....)))..)))))))))).).)))))))))...)).)))))))).)))..............  reads      mm         sample
    ...................Cuauuguccugucacagc.....................................................................................  1          1          c02
    ...................auauugAccugucacagc.....................................................................................  1          1          c02
    ...................auauuCuccugucacagc.....................................................................................  1          1          c02
    ...................auauuguccugucacagc.....................................................................................  10         0          c02
    ...................auauuguccugucacagca....................................................................................  7          0          c02
    ...................Cuauuguccugucacagca....................................................................................  1          1          c02
    ...................auauuguccugucacagcag...................................................................................  1          0          c02
    ...................Cuauuguccugucacagcagu..................................................................................  2          1          c02
    ...................auauuguccugucacagcagC..................................................................................  1          1          c02
    ...................auauuguccugucacagcagu...................................................................................  77         0          c02
    ...................aAauuguccugucacagcagu..................................................................................  1          1          c02
    ...................auauuguccugucacagAagu..................................................................................  1          1          c02
    ...................auauuguccuCucacagcagua.................................................................................  1          1          c02
    ...................auauuguccugucacaUcagua.................................................................................  1          1          c02
    ...................auauugucGugucacagcagua.................................................................................  1          1          c02
    ...................auauuguccugucacagcaAua.................................................................................  2          1          c02
    ...................Cuauuguccugucacagcagua.................................................................................  3          1          c02
    ...................auauuguccugucUcagcagua.................................................................................  1          1          c02
    ...................auauugucAugucacagcagua.................................................................................  1          1          c02
    ...................auauugAccugucacagcagua.................................................................................  1          1          c02
    ...................auauuguccugucacagcaguU.................................................................................  3          1          c02
    ...................auauuguccugucacagcagua.................................................................................  159        0          c02
    ...................auauuguAcugucacagcagua.................................................................................  1          1          c02
    ...................auauuguccugucacagcaguC.................................................................................  1          1          c02
    ...................auauuguccugucacagcaguaU................................................................................  7          1          c02
    ...................auauuguccugucacagcaguaA................................................................................  42         1          c02
    ....................auuguccugucacagcagu....................................................................................  1          0          c02
    ....................Cuuguccugucacagcagu....................................................................................  1          1          c02
    ....................auuguccugucacagcagua...................................................................................  1          0          c02
    ....................auuguccugucacagcaguaA..................................................................................  3          1          c02
    .....................uuguccugucacagcaguaU..................................................................................  1          1          c02
    ..............................................cguguugccuacaguuaA.....................................................  1          1          c02
    ..............................................................Ccugcugggucgggacaagcgg.....................................  1          1          c02
```

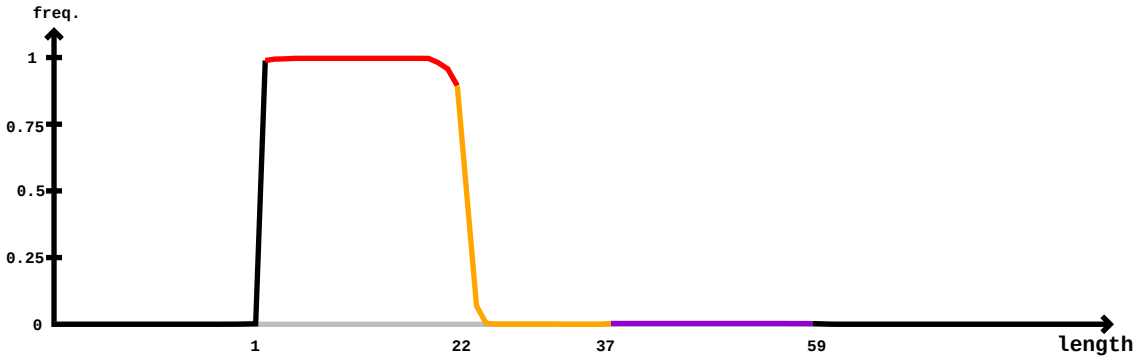
Mature Star

cagccucgcgcgucacgaccauauuguccugucacagcaguacguguugccuacaguuacugcugggucgggacaagcgggccguggcgucgcuaacacaccagcagc

.....cugcugggucgggacaagc.....	1	0	c02
.....cugcugggucgggacaagcg.....	1	0	c02
.....cugcugggucgggacaagcgg.....	6	0	c02
.....cugcugggucgggacaagcggg.....	6	0	c02
.....cugcugggucgggacaagcgggA.....	1	1	c02
.....cugcugggucgggacaagcgggGc.....	1	1	c02
.....auauuguccugucacagc.....	1	0	c04
.....auauuguccugucacagca.....	2	0	c04
.....auauuguccugucacagcag.....	1	0	c04
.....auauuguccugucacagcagu.....	2	0	c04
.....auauuguccugucacagcagua.....	3	0	c04
.....auauuguccugucacagcaguaA.....	4	1	c04
.....cugcugggucgggacaagcgg.....	1	0	c04
.....auauuguccugucacagc.....	12	0	c16
.....auauuguccugucacCgc.....	1	1	c16
.....auauuguccugucacagca.....	6	0	c16
.....auauuguccugucacagcC.....	1	1	c16
.....auauuguccugucacagcag.....	1	0	c16
.....Cuauuguccugucacagcagu.....	2	1	c16
.....auauuguccugucacagcagu.....	33	0	c16
.....auauuguccugucacagcaCua.....	1	1	c16
.....Cuauuguccugucacagcagua.....	2	1	c16
.....auauuguccugucacagcaguU.....	1	1	c16
.....aAauuguccugucacagcagua.....	1	1	c16
.....auauuguccugucGcagcagua.....	1	1	c16
.....auauuguccugucacagcagua.....	75	0	c16
.....auauuguccugucacagAagua.....	1	1	c16
.....auauuguccugucacagcaguaA.....	31	1	c16
.....auauuguccugucacagcaguaU.....	3	1	c16
.....Cuauuguccugucacagcaguac.....	1	1	c16
.....uauuguccugucacagcagua.....	2	0	c16
.....uacugcugggucgggacaagcgg.....	1	0	c16
.....cugcugggucgggacaagcg.....	1	0	c16
.....cugcugggucgggacaagcgg.....	4	0	c16
.....cugcugggucgggacaagcggg.....	9	0	c16
.....cugcugggucgggacUagcggg.....	1	1	c16
.....auauuguccAgucacagc.....	1	1	c09
.....auauuguccugucacagc.....	43	0	c09
.....auauuguccugucacagca.....	16	0	c09
.....auauuguccuguAacagca.....	1	1	c09
.....auauuguccugucacagcG.....	1	1	c09
.....auauuguccugucacagcaC.....	4	1	c09
.....auauuguccugucacagcag.....	3	0	c09
.....auauuguccuguAacagcagu.....	1	1	c09
.....auauuguAcugucacagcagu.....	1	1	c09
.....auauuguccugucacagcagu.....	70	0	c09
.....auauuguccugucCcagcagua.....	1	1	c09
.....auauuguccugucacagcaCua.....	1	1	c09
.....auauuguccugucacagcaAua.....	1	1	c09
.....auauugucAugucacagcagua.....	2	1	c09
.....Cuauuguccugucacagcagua.....	1	1	c09
.....auauuguccugucacagcGgua.....	1	1	c09
.....auauuguccugucacagcaguU.....	3	1	c09
.....auauuguccugucacagcagua.....	156	0	c09
.....auauuguccugucacagcaguac.....	2	0	c09
.....auauuguccugucacagcaguaG.....	4	1	c09
.....auauuguccugucacagcaguaU.....	7	1	c09
.....auauuguccugucacagcaguaA.....	36	1	c09
.....uauuguccugucacagcaguaU.....	1	1	c09
.....auuguccugucacagcagua.....	1	0	c09
.....uuguccugucacagcagua.....	1	0	c09
.....cugcugggucgggacaagc.....	1	0	c09
.....cugcugggucgggacaagcg.....	1	0	c09
.....cugcugggucgggacaagcgg.....	3	0	c09
.....cugcugggucgggacaagcggg.....	15	0	c09

Provisional ID	:	group25_32940
Score total	:	2058.7
Score for star read(s)	:	3.9
Score for read counts	:	2051.7
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	4036
Mature read count	:	4024
Loop read count	:	0
Star read count	:	12





Mature **Star**

```
5'- auucaaugccguauccagugcccgaugcuggucguauacauauuauauguuauauguguguacggccagcaucggccauuguguucggauucgcuucaggcagagagg -3'   obs
    auucaaugccguauccagugcccgaugcuggucguauacauauuauauguuauauguguguacggccagcaucggccauuguguucggauucgcuucaggcagagagg      exp
    ........(((.((.(((((.((((((((((((((((((((.........)))))))))))))))))))))).)))))).)).)))....(((...))).......
```

	reads	mm	sample
.....agGgcccgaugcuggucguauacau.....	1	1	c09
.....gcccgaugcuggucguau.....	1	0	c09
.....cccgaugcuggucguaua.....	35	0	c09
.....cccgaugAuggucguaua.....	1	1	c09
.....cccgaugcuggucUuaua.....	1	1	c09
.....cccgCugcuggucguaua.....	1	1	c09
.....cGcgaugcuggucguaua.....	1	1	c09
.....cccgaugcuggucguauac.....	25	0	c09
.....cccgaugcuggucguauaca.....	31	0	c09
.....cccgaugcuggAcguauacau.....	1	1	c09
.....cccgCugcuggucguauacau.....	3	1	c09
.....cccgaugcuggucguauacaG.....	1	1	c09
.....cccgaugcuggucguauacau.....	443	0	c09
.....cccgaugcuCgucguauacau.....	1	1	c09
.....Uccgaugcuggucguauacau.....	1	1	c09
.....cccgaugcugCucguauacau.....	1	1	c09
.....cAcgaugcuggucguauacau.....	1	1	c09
.....cccgaugcuggucguauaAau.....	1	1	c09
.....cccgaugcuggucCuauacau.....	1	1	c09
.....cccgaugcuggucguauacaA.....	2	1	c09
.....cccgaugcuggucguauacauU.....	56	1	c09
.....cccgaugcuggucguauacaGa.....	1	1	c09
.....cccgaugcuggucguauacauC.....	2	1	c09
.....cccgaugcuggucguauacauG.....	3	1	c09
.....cccgaugcuggucguauaAaua.....	1	1	c09
.....cccgaugcugCucguauacaua.....	1	1	c09
.....cccgCugcuggucguauacaua.....	1	1	c09
.....cccgaugcuggucguauacaua.....	245	0	c09
.....cccgaugcuggucguauacauaC.....	2	1	c09
.....cccgaugcuggucguauacaAau.....	1	1	c09
.....cccgaugcuggucguauacauau.....	33	0	c09
.....cccgaugcuggucguauacauUu.....	4	1	c09
.....cccgaugcuggucguauacauaG.....	1	1	c09

Mature Star

auucaaugccguauccagugcccgaugcuggucguauacauauuauauguuauauguguguacggccagcaucggccauuguguucggauucgcuucaggcagagagg

.....cccgaugcuggucguauacauaA.....	20	1	c09
.....cccgaugcuggucguauacauaAu.....	1	1	c09
.....cccgaugcuggucguauacauauu.....	1	0	c09
.....ccgaugcuggucguauacU.....	1	1	c09
.....ccgaugcuggucguauacau.....	2	0	c09
.....cgaugcuggucguauacau.....	1	0	c09
.....cgaugcuggucguauacauU.....	1	1	c09
.....cgaugcuggucguauacaua.....	1	0	c09
.....gaugcuggucguauacaua.....	2	0	c09
.....gaugcuggucguauacauU.....	1	1	c09
.....gaugcuggucguauacauaA.....	1	1	c09
.....uguguacggccagcaucggcca.....	2	0	c09
.....cccgaugcuggucguaua.....	2	0	c04
.....cccgaugcuggucguauaca.....	3	0	c04
.....cccgaugcuggucguauacaA.....	2	1	c04
.....cccgaugcuggucguauacau.....	12	0	c04
.....cccgCugcuggucguauacau.....	1	1	c04
.....cccgaugcuggucguauacaAa.....	1	1	c04
.....cccgaugcuggucguauacaua.....	11	0	c04
.....cccgaugcuggucguauacauau.....	1	0	c04
.....ugcccgaugcuggucguauaca.....	1	0	c16
.....Ggcccgaugcuggucguauaca.....	1	1	c16
.....Ggcccgaugcuggucguauacaua.....	1	1	c16
.....Ccccgaugcuggucguauac.....	1	1	c16
.....Ucccgaugcuggucguauaca.....	1	1	c16
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.....cccgaugUuggucguaua.....	1	1	c16
.....cccgCugcuggucguauac.....	1	1	c16
.....cccgaugcuggucguauac.....	42	0	c16
.....cccgaugcuggucguauGca.....	1	1	c16
.....cccgauUcuggucguauaca.....	1	1	c16
.....cccgCugcuggucguauaca.....	2	1	c16
.....cccgaugcuggucCuauaca.....	1	1	c16
.....cccgUugcuggucguauaca.....	1	1	c16
.....cccgaugcuggucguauaca.....	117	0	c16
.....Uccgaugcuggucguauaca.....	1	1	c16
.....cccgaugcugguUguauaca.....	1	1	c16
.....cccgaugcugCucguauaca.....	1	1	c16
.....cccgaugcuggucguauacU.....	1	1	c16
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.....cccgaugcuggucgCauacau.....	1	1	c16
.....cccgaugcAggucguauacau.....	1	1	c16
.....ccUgaugcuggucguauacau.....	1	1	c16
.....cccgaugcuAgucguauacau.....	1	1	c16
.....cccgauCcuggucguauacau.....	2	1	c16
.....cccgaGgcuggucguauacau.....	1	1	c16
.....cccgaugcuggucguauaUau.....	1	1	c16
.....cccgaugcuggucguauaGau.....	1	1	c16
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.....cccgaugcuggucguGuacau.....	1	1	c16
.....cccgaugcuggucCuauacau.....	4	1	c16
.....cccgCugcuggucguauacau.....	9	1	c16
.....cccgaugcugCucguauacau.....	1	1	c16
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.....cccgaugcCggucguauacaua.....	1	1	c16
.....cccgaugcugUucguauacaua.....	1	1	c16
.....cccgaugcuggucguauacauG.....	2	1	c16
.....cccgaugcuggucguauacauU.....	16	1	c16
.....cccgaugAuggucguauacaua.....	1	1	c16

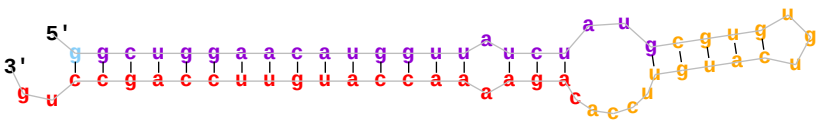
Mature Star

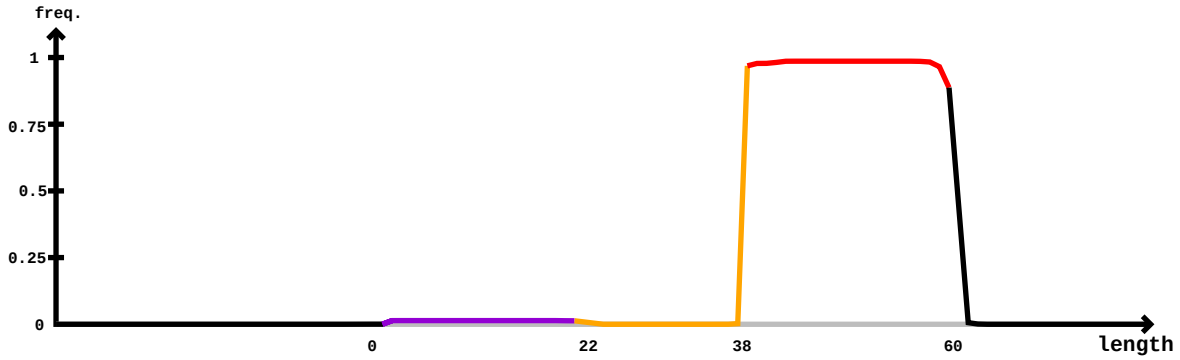
auucaaugccguauccagugcccgaugcuggucguauacauauuauauguuauaugugguguacggccagcaucggccauuguguucggauucgcuucaggcagagagg

.....cccgCugcuggucguauacaua.....	6	1	c16
.....cccgaugcuggucguauacauUu.....	1	1	c16
.....cccgaugcuggucguauacauaA.....	110	1	c16
.....cccgaugcuggucguauacauaG.....	1	1	c16
.....cccgaugcuggucguauacauau.....	24	0	c16
.....cccgaugcuggucguauacauauu.....	2	0	c16
.....cccgaugcuggucguauacauauA.....	2	1	c16
.....cccgaugcuggucguauacauaAu.....	2	1	c16
.....ccgaugcuggucguauacau.....	1	0	c16
.....ccgaugcuggucguauacauaA.....	2	1	c16
.....ccgaugcuggucguauacauau.....	1	0	c16
.....gaugcuggucguauacaA.....	1	1	c16
.....gaugcuggucguauacau.....	1	0	c16
.....uguguacggccagcaucggcca.....	1	0	c16
.....uguguacggccagcaucggccauu.....	1	0	c16
.....cccgaugcuggucguauacau.....	1	0	c15
.....cccgaugcuggucguauacaua.....	1	0	c15
.....cccgaugcuggucguaua.....	10	0	c02
.....cccgaugcuggucguauaA.....	1	1	c02
.....cccgCugcuggucguauac.....	1	1	c02
.....cccgaugcuggucguauac.....	24	0	c02
.....cccgaugcugguAguauaca.....	1	1	c02
.....cccgCugcuggucguauaca.....	2	1	c02
.....cccgaugcuggucguauacU.....	1	1	c02
.....cccgaugcuggucguauaca.....	82	0	c02
.....cccgaugcuggucCuauacau.....	3	1	c02
.....cccgaAgcuggucguauacau.....	1	1	c02
.....cccgaugcuggucguauacau.....	738	0	c02
.....cccgaugcuUgucguauacau.....	1	1	c02
.....cccgaugcugCucguauacau.....	2	1	c02
.....cccgaugcuCgucguauacau.....	1	1	c02
.....cccgaugcuggucguaAacau.....	1	1	c02
.....cccgaugAuggucguauacau.....	1	1	c02
.....cccgaugcuggucguauacaA.....	9	1	c02
.....cccgaugGuggucguauacau.....	1	1	c02
.....Accgaugcuggucguauacau.....	2	1	c02
.....cccgaugcuggucUuauacau.....	1	1	c02
.....cccgaugcuggucgGauacau.....	1	1	c02
.....cccgaugcuggucgCauacau.....	1	1	c02
.....cGcgaugcuggucguauacau.....	1	1	c02
.....cccgGugcuggucguauacau.....	2	1	c02
.....cccgaugcuggucguauacCu.....	1	1	c02
.....cccgaugcuggGcguauacau.....	1	1	c02
.....cccgaugcuggucguauacUu.....	1	1	c02
.....cccCaugcuggucguauacau.....	2	1	c02
.....cccgaugcuggucguauaUau.....	1	1	c02
.....cccgCugcuggucguauacau.....	7	1	c02
.....cccgauCcuggucguauacau.....	1	1	c02
.....cccgaugcugguAguauacau.....	1	1	c02
.....cccgaGgcuggucguauacau.....	1	1	c02
.....ccUgaugcuggucguauacaua.....	1	1	c02
.....cccgauCcuggucguauacaua.....	1	1	c02
.....cccCaugcuggucguauacaua.....	1	1	c02
.....cccgaugcuggucguauaUaua.....	1	1	c02
.....cccgaugcuggucguauacauU.....	33	1	c02
.....cccgaugcuggucguauacauG.....	2	1	c02
.....cccgaugcuggucguauacaua.....	331	0	c02
.....cccgaugcuggucgCauacaua.....	1	1	c02
.....cccgaugcuggucguauacauC.....	1	1	c02
.....cccgaugcugguAguauacaua.....	1	1	c02
.....cccgauUcuggucguauacaua.....	2	1	c02
.....cGcgaugcuggucguauacaua.....	1	1	c02
.....cccgCugcuggucguauacaua.....	1	1	c02
.....cccgCugcuggucguauacauau.....	1	1	c02
.....cccgaugcuggucguauacauaA.....	35	1	c02
.....cccgaugcuggucguauacauau.....	24	0	c02
.....cccgaugcuggucguauacauaG.....	2	1	c02
.....cccgaugcuggucguauacauauA.....	2	1	c02

Mature
Star
auucaaugccguauccagugcccgaugcuggucguauacauauuauauguuauaugugguguacggccagcaucggccauuguguucggauucgcuucaggcagagagg
.....cccgaugcuggucguauacauauG..... 2 1 c02
.....cccgaugcuggucguauacauauuauauguu..... 1 0 c02
.....cccgaugcuggucguauacauauuauauguuaua..... 1 0 c02
.....ccgaugcuggucguauac..... 1 0 c02
.....ccCaugcuggucguauaca..... 2 1 c02
.....ccgaugcuggucguauaca..... 1 0 c02
.....ccgaugcuggucguauacau..... 7 0 c02
.....ccUaugcuggucguauacaua..... 1 1 c02
.....ccgaugcuggucguauacauU..... 1 1 c02
.....ccgaugcuggucguauacauau..... 1 0 c02
.....cgaugcuggucguauacau..... 1 0 c02
.....gaugcuggucguauacaua..... 1 0 c02
.....Cugcuggucguauacaua..... 1 1 c02
.....uguguacggccagcaucgg..... 1 0 c02
.....uguguacggccagcaucggcc..... 1 0 c02
.....Gguguacggccagcaucggcca..... 1 1 c02
.....uguguacggccagcaucggcca..... 5 0 c02

Provisional ID	:	group25_34102
Score total	:	59069.3
Score for star read(s)	:	3.9
Score for read counts	:	59062.3
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	115860
Mature read count	:	114269
Loop read count	:	0
Star read count	:	1591





Star **Mature**

```
5'- cgcccgaagaaaccgugaaaccgugaggguuggGCUGGAACAUGGUUAUCUAUGCGUGUGUCAUGUUCCACAGAAAACCAUGUUCCAGCCUGACUGCUUGACGGGCAUUCUG -3'   obs
    cgcccgaagaaaccgugaaaccgugaggguugGGCUGGAACAUGGUUAUCUAUGCGUGUGUCAUGUUCCACAGAAAACCAUGUUCCAGCCUGACUGCUUGACGGGCAUUCUG       exp
    .(((((..............((....))(((((((((((((((((((.(((..(((((...)))))).....))).)))))))))))))))))))).....)))))......
```

reads	mm	sample
1	1	c04
1	0	c04
3	0	c04
2	0	c04
2	0	c04
23	0	c04
1	1	c04
1	1	c04
1	1	c04
3	0	c04
1	0	c04
1	1	c04
2	0	c04
12	0	c04
1	1	c04
1	1	c04
1	1	c04
42	0	c04
1	1	c04
1	1	c04
2	1	c04
129	0	c04
1	1	c04
4	1	c04
1	1	c04
1	1	c04
2	1	c04
2	1	c04
6	1	c04
1	1	c04
3	1	c04
1	1	c04
2	1	c04

Star Mature

cgcccgaagaaaccgugaaaccgugaggguugggcuggaacaugguuaucuaugcgugugucauguuccacagaaaaccauguuccagccugacugcuugacgggcauucug

.....cagaaaaccauguucAagccug.....	6	1	c04
.....cagaaaaccauUuuccagccug.....	2	1	c04
.....cagaaaaccauguuccagccCg.....	3	1	c04
.....cagaaaacUauguuccagccug.....	2	1	c04
.....cagaaaaccauAuuccagccug.....	1	1	c04
.....cagaaaaccaugAuccagccug.....	1	1	c04
.....cagaaaaccauguuccCgccug.....	6	1	c04
.....cagUaaaccauguuccagccug.....	1	1	c04
.....cagaaaaccauguuccagccug.....	3231	0	c04
.....cagaaaaccauguuccagcUug.....	2	1	c04
.....cagaaaaccauguuAcagccug.....	10	1	c04
.....cagaaaaccauCuuccagccug.....	7	1	c04
.....cagaaaaccauguuccaUccug.....	1	1	c04
.....cagaaaacGauguuccagccug.....	1	1	c04
.....cagaaaaccaGguuccagccug.....	1	1	c04
.....cagaaaaccauguuccagccuC.....	4	1	c04
.....cagaaaaAcauguuccagccug.....	1	1	c04
.....cagaaaaccauguuccagAcug.....	6	1	c04
.....cagaaaacAauguuccagccug.....	10	1	c04
.....cagaaaaccauguAccagccug.....	1	1	c04
.....Aagaaaaccauguuccagccug.....	2	1	c04
.....cagaaaaccaAguuccagccug.....	1	1	c04
.....cagaaUaccauguuccagccug.....	1	1	c04
.....cagaaaaccauguuccagccAg.....	1	1	c04
.....cagaaaaccauguuccagccuU.....	8	1	c04
.....cagaaaaccauguuccaCccug.....	5	1	c04
.....cagCaaaccauguuccagccug.....	1	1	c04
.....Uagaaaaccauguuccagccug.....	2	1	c04
.....cagaaaCccauguuccagccug.....	18	1	c04
.....cagaaaaccauguuccagccugG.....	7	1	c04
.....cagaaaaccauguuccagccugU.....	209	1	c04
.....cagaaaacAauguuccagccuga.....	1	1	c04
.....cagaaaaccauguuccagccuga.....	24	0	c04
.....cagaaaaccauguuccagccugC.....	2	1	c04
.....cagaaaaccauguuccagccugaG.....	1	1	c04
.....cagaaaaccauguuccagccugaU.....	1	1	c04
.....cagaaaaccauguuccagccugaA.....	5	1	c04
.....cagaaaaccauguuccagccugUc.....	2	1	c04
.....cagaaaaccauguuccagccugGc.....	2	1	c04
.....cagaaaaccauguuccagccugaUugc.....	1	1	c04
.....agaaaaccauguuccagcc.....	1	0	c04
.....agaaaaccauguuccagccu.....	3	0	c04
.....agaaaaccauguuccagccug.....	15	0	c04
.....agaaaaccauCuuccagccug.....	1	1	c04
.....agaaaaccauguuccagccuga.....	1	0	c04
.....agaaaaccauguuccagccugU.....	4	1	c04
.....agaaaaccauguuccagccugaA.....	2	1	c04
.....gaaaaccauguuccagccug.....	1	0	c04
.....aaaaccauguuccagccu.....	1	0	c04
.....aaaaccauguuccagccug.....	17	0	c04
.....aaaaccauguuccagccugU.....	2	1	c04
.....aaaaccauguuccagccugC.....	1	1	c04
.....aaaccauguuccagccug.....	25	0	c04
.....Caaccauguuccagccug.....	1	1	c04

.....Agugaaaccgugaggguugg.....	1	1	c16
.....uuAggcuggaacaugguuaucu.....	2	1	c16
.....uuAggcuggaacaugguuaucua.....	2	1	c16
.....uugggcuggaacaugguuaucua.....	1	0	c16
.....uAggcuggaacaugguuaucuau.....	1	1	c16
.....Ggggcuggaacaugguuaucuaug.....	1	1	c16
.....ggcuggaacaugguuauc.....	1	0	c16
.....ggcuggaacaugguuaucuaug.....	1	0	c16
.....Ucuggaacaugguuaucu.....	1	1	c16
.....gcuggaacaugguuaucu.....	9	0	c16
.....gcuggaacaugguuaucua.....	3	0	c16
.....gcuggaacaugguuaucuG.....	1	1	c16
.....Ucuggaacaugguuaucuau.....	1	1	c16
.....gcuggaacaugguuaucuau.....	16	0	c16
.....gcuggaacaugguAaucuaug.....	1	1	c16

Star Mature

cgcccgaagaaaccgugaaaccgugaggguugggcuggaacaugguuaucuaugcgugugucauguuccacagaaaaccauguuccagccugacugcuugacgggcauucug

..............................Ucuggaacaugguuaucuaug.....	3	1	c16
..............................gcuggaacaugCuuaucuaug.....	1	1	c16
..............................gcuggaacaugguuaucuaug.....	187	0	c16
..............................gcuCgaacaugguuaucuaug.....	1	1	c16
..............................gcuggaCcaugguuaucuaug.....	1	1	c16
..............................gcuggaacaugguuaucuauA.....	1	1	c16
..............................gcuggaacaugguuaucuaugc.....	1	0	c16
..............................gcuggaacaugguuaucuaugcg.....	1	0	c16
..............................cuggaacaugguuaucuaug.....	4	0	c16
....uccUcagaaaaccauguuccagccug.....	1	1	c16
....ccCcagaaaaccauguuccagccug.....	2	1	c16
....cCcagaaaaccauguuccagccug.....	1	1	c16
....acagaaaaccauguuccagc.....	1	0	c16
....acagaaaaccauguuccagcc.....	1	0	c16
....Ccagaaaaccauguuccagcc.....	3	1	c16
....acagaaaaccauUuuccagccu.....	1	1	c16
....acagaaaCccauguuccagccu.....	1	1	c16
....acagaaaacGauguuccagccu.....	1	1	c16
....Ccagaaaaccauguuccagccu.....	11	1	c16
....acagaaaaccauguuccagccu.....	62	0	c16
....acagaaaacAauguuccagccu.....	1	1	c16
....Ccagaaaaccauguuccagccug.....	12	1	c16
....acagCaaaccauguuccagccug.....	1	1	c16
....acagaaaaccauguuccagcAug.....	1	1	c16
....acagaaaaccauguuccagccuU.....	1	1	c16
....acagaaaaccauguuccagccug.....	25	0	c16
....acagaaaaccauguuccagccugU.....	6	1	c16
....cagaaaaAcauguuccag.....	1	1	c16
....cagaaaaccauguuccag.....	19	0	c16
....cagaaaacAauguuccag.....	1	1	c16
....cagaaaCccauguuccagc.....	1	1	c16
....cagaaaaccauguuccagc.....	104	0	c16
....Aagaaaaccauguuccagc.....	1	1	c16
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....cagaaaacAauguuccagcc.....	2	1	c16
....cagaaaaccauCuuccagcc.....	2	1	c16
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....cagaaaaccauguuccagAc.....	1	1	c16
....cagaaaaccauguuccagcc.....	431	0	c16
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....cagaaaaccauguuccaCcc.....	1	1	c16
....cagaaaaccauguucUagcc.....	1	1	c16
....Aagaaaaccauguuccagcc.....	1	1	c16
....cagaaaaccauguAccagcc.....	2	1	c16
....cagaaaaccauguuccagUc.....	1	1	c16
....cagaaaaccaCguuccagcc.....	1	1	c16
....cagaaaaccauguuccCgcc.....	6	1	c16
....cagaaaaccauguuccGgcc.....	1	1	c16
....cagaaaaccauguuGcagccu.....	1	1	c16
....cagaaaaccaAguuccagccu.....	3	1	c16
....cagaaaaccauguuccagGcu.....	1	1	c16
....cagaaaaccUuguuccagccu.....	1	1	c16
....cagaaaacUauguuccagccu.....	5	1	c16
....Aagaaaaccauguuccagccu.....	2	1	c16
....cagaaaaccauguucGagccu.....	3	1	c16
....cagaaaaccauguuccGgccu.....	3	1	c16
....cagaaaaccauguuAcagccu.....	13	1	c16
....cagaaaaccauguuccagccu.....	3541	0	c16
....cagaaaaccauguuccaAccu.....	1	1	c16
....cagUaaaccauguuccagccu.....	1	1	c16
....cagaaaaccauCuuccagccu.....	6	1	c16
....cagaaaaccauguucUagccu.....	4	1	c16
....cagaaaaccauguuccagUcu.....	1	1	c16
....cagaaaacAauguuccagccu.....	13	1	c16
....cagaaaaccauguuccagcGu.....	1	1	c16
....cGgaaaaccauguuccagccu.....	2	1	c16
....cagaaaaccauguuccagcAu.....	6	1	c16

Star Mature

cgcccgaagaaaccgugaaaccgugaggguugggcuggaacaugguuaucuaugcgugugucauguuccacagaaaaccauguuccagccugacugcuugacgggcauucug

.....cagaaaGccauguuccagccu.....	1	1	c16
.....cagaaaaccauguucAagccu.....	8	1	c16
.....cagaaaaccauguuccagccA.....	11	1	c16
.....cagaaaaccauguuccaUccu.....	3	1	c16
.....cagaaaaccauguuccagccC.....	17	1	c16
.....cagaaaCccauguuccagccu.....	18	1	c16
.....cagaaaaccaugCuccagccu.....	1	1	c16
.....cagaaaaAcauguuccagccu.....	3	1	c16
.....cagaaaaccauguuccaCccu.....	4	1	c16
.....cagaaaaccaGguuccagccu.....	1	1	c16
.....cagaaaaccaugAuccagccu.....	1	1	c16
.....cagaaaaccauguuUcagccu.....	1	1	c16
.....cagaaaaccauguuccagAcu.....	13	1	c16
.....cagaaaaccauguuccCgccu.....	15	1	c16
.....cagaaCaccauguuccagccu.....	12	1	c16
.....cagaaaaccauguuccagccG.....	1	1	c16
.....Uagaaaaccauguuccagccu.....	2	1	c16
.....cagaaaaccCuguuccagccu.....	2	1	c16
.....cagCaaaccauguuccagccu.....	4	1	c16
.....cagaaaaccGuguuccagccu.....	2	1	c16
.....cagaaaaccaugGuccagccu.....	1	1	c16
.....cagaaaaccauguuccagcUu.....	3	1	c16
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.....cagaUaaccauguuccagccug.....	1	1	c16
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.....cagaaaacAauguuccagccug.....	157	1	c16
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.....cCgaaaaccauguuccagccu.....	1	1	c15
.....cagaaaaccauguuccagccG.....	5	1	c15
.....cagaaaaccGuguuccagccu.....	1	1	c15
.....Uagaaaaccauguuccagccu.....	3	1	c15
.....cagaaaaccauguuccaUccu.....	1	1	c15
.....cagaCaaccauguuccagccu.....	1	1	c15

Star Mature

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.....cagaaaaccUuguuccagccu.....	1	1	c15
.....cagaaaaccauguucGagccu.....	1	1	c15
.....cagaaaaccauguuccagAcu.....	1	1	c15
.....cagaaaaccauguuccagccA.....	50	1	c15
.....cagaaaaccauguuccagcGu.....	1	1	c15
.....cagaaaaccauguuccagccu.....	1172	0	c15
.....cagaaaaccauguuUcagccu.....	1	1	c15
.....cagaaaaccauguuccagccGg.....	13	1	c15
.....Aagaaaaccauguuccagccug.....	6	1	c15
.....cagaaaaccauguuccagAcug.....	1	1	c15
.....cagaaaaccauguuccagccAg.....	1	1	c15
.....cagaaaaccUuguuccagccug.....	1	1	c15
.....cagaaaaccauguuccaCccug.....	1	1	c15
.....cagaaaaccauguuGcagccug.....	1	1	c15
.....cagaaaaccauguuccagccuC.....	13	1	c15
.....cagaaaaccauguuccCgccug.....	1	1	c15
.....caUaaaaccauguuccagccug.....	3	1	c15
.....cagaaaaUcauguuccagccug.....	2	1	c15
.....cagaaaaccauguuccagcAug.....	2	1	c15
.....cagaaaaccaugGuccagccug.....	3	1	c15
.....cagaaaaAcauguuccagccug.....	2	1	c15
.....cagaaaaccauguuccagccCg.....	4	1	c15
.....cagaaaaccauguuccagccug.....	5253	0	c15
.....cUgaaaaccauguuccagccug.....	3	1	c15
.....cagaaaaccauguuccagcGug.....	4	1	c15
.....cagaaaaccaugCuccagccug.....	1	1	c15
.....cagaaaaccaugAuccagccug.....	2	1	c15
.....cagaaaaccauguuccagccuA.....	335	1	c15
.....cagaaaacUauguuccagccug.....	2	1	c15
.....cagaaaUccauguuccagccug.....	1	1	c15
.....cagaaaaccauguucGagccug.....	1	1	c15
.....cagaaaaccauguuccagcUug.....	9	1	c15
.....cagaaaaccauguuccagccuU.....	89	1	c15
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.....cagaaaaccaCguuccagccug.....	1	1	c15
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.....cagaaaaccauguucAagccug.....	1	1	c15
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.....cagaaaaccauguuccagUcug.....	1	1	c15
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.....cGgaaaaccauguuccagccug.....	1	1	c15
.....cagaaaaccauguucUagccug.....	8	1	c15
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.....cagaaaaGcauguuccagccug.....	1	1	c15
.....caAaaaaccauguuccagccug.....	1	1	c15
.....cagaaaaccauguuccagccugG.....	2	1	c15
.....cagaaaaccauguuAcagccuga.....	1	1	c15
.....cagaaaaccauguuccagccugU.....	5508	1	c15
.....cagaaaaccauguuccUgccuga.....	1	1	c15
.....cagaaaaccauguuccagccGga.....	1	1	c15
.....caUaaaaccauguuccagccuga.....	1	1	c15
.....Uagaaaaccauguuccagccuga.....	4	1	c15
.....cagaaaaccauguuccagcAuga.....	1	1	c15
.....cagaaaaccauguuccagccuAa.....	10	1	c15
.....cagaaaaccauguuccagccAga.....	1	1	c15
.....cagaaaaccauCuuccagccuga.....	1	1	c15
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.....cagaaaaccauguuccagccugUc.....	58	1	c15
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.....cagaaaaccauguuccagccugaUu.....	51	1	c15
.....cagaaaaccauguuccagccugaAu.....	20	1	c15
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Star Mature

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.....agaaaaccauguuccagcc.....	8	0	c15
.....agaaaaccauguuccagccu.....	19	0	c15
.....agaaaaccauguuccagccC.....	1	1	c15
.....agaaaaccauguuccagccuA.....	4	1	c15
.....agaaaaccauguuccagccuU.....	1	1	c15
.....agaaaaccauguuccagccug.....	64	0	c15
.....agaaaaccauguuccagccuga.....	9	0	c15
.....agaaaaccauguuUcagccuga.....	1	1	c15
.....agaaaaccauguuccagccugU.....	65	1	c15
.....agaaaaccauguuccagccugUc.....	1	1	c15
.....agaaaaccauguuccagccugaA.....	3	1	c15
.....agaaaaccauguuccagccugaU.....	3	1	c15
.....agaaaaccauguuccagccugaAu.....	1	1	c15
.....gaaaaccauguuccagccug.....	1	0	c15
.....gaaaaccauguuccagccugU.....	1	1	c15
.....aaaaccauguuccagccuA.....	1	1	c15
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.....aaaaccauguuccagccugU.....	1	1	c15
.....aaaaccauguuccagccugacu.....	1	0	c15
.....aaaccauguuccagccug.....	3	0	c15
.....aaaccauguuccagccugU.....	1	1	c15
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.....Cggcuggaacaugguuaucuau.....	1	1	c02
.....gcuggaacaugguuaucu.....	9	0	c02
.....gcuggaacaugguuaucua.....	3	0	c02
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.....gcuggaacaugCuuaucuaug.....	1	1	c02
.....gcuggaacaugguCaucuaug.....	1	1	c02
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.....gcuggaacaugguuauAuaug.....	1	1	c02
.....cUcagaaaaccauguucca.....	1	1	c02
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.....cagaaaCccauguuccagcc.....	4	1	c02
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.....cagaaaaccauguuccaCcc.....	1	1	c02
.....cagaaaaccauguuccagGc.....	1	1	c02
.....cagaaaaccauUuuccagcc.....	1	1	c02
.....cagaaaaccauguuAcagcc.....	1	1	c02
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.....cagaaaaccauguuccCgccu.....	6	1	c02
.....cagaaaCccauguuccagccu.....	12	1	c02
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.....cagaaaaccauguuccagcUu.....	4	1	c02

Star Mature

cgcccgaagaaaccgugaaaccgugaggguugggcuggaacaugguuaucuaugcgugugucauguuccacagaaaaccauguuccagccugacugcuugacgggcauucug

.....cagaaaaccauAuuccagccu.....	1	1	c02
.....cagaaaaccauCuuccagccu.....	5	1	c02
.....cagaaaaccauguucGagccu.....	1	1	c02
.....cagaaaaccaAguuccagccu.....	4	1	c02
.....Uagaaaaccauguuccagccu.....	1	1	c02
.....caCaaaaccauguuccagccu.....	3	1	c02
.....cagaaaaccauguCccagccu.....	1	1	c02
.....cagaaaaccGuguuccagccu.....	2	1	c02
.....cagaaaaccauguuccagccC.....	36	1	c02
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.....cagaCaaccauguuccagccu.....	5	1	c02
.....cagaaaaccauguuccaUccu.....	4	1	c02
.....Aagaaaaccauguuccagccu.....	3	1	c02
.....cagCaaaccauguuccagccu.....	1	1	c02
.....cagaaaaccauguucAagccu.....	6	1	c02
.....cagaaaaccauguuccagcAu.....	10	1	c02
.....cagaaaaccauguuccagccG.....	1	1	c02
.....cagaaaaccauguuccagAcu.....	4	1	c02
.....cagaaaaccauguuccGgccu.....	3	1	c02
.....cagaaaaccauguAccagccu.....	1	1	c02
.....cagaaCaccauguuccagccu.....	7	1	c02
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.....cagaaaaccaugAuccagccug.....	18	1	c02
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.....cagaaaaccauguuccagccAg.....	9	1	c02
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.....cagaaaaccauguAccagccug.....	17	1	c02
.....cagaaaaccauguGccagccug.....	3	1	c02
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.....cGgaaaaccauguuccagccug.....	6	1	c02
.....cagaaaaccauguuccagcGug.....	1	1	c02
.....cagaGaaccauguuccagccug.....	2	1	c02
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.....cagaaaaccauguuccagccuA.....	16	1	c02

Star Mature

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.....cagaaaaccauguuccagccuU.....	102	1	c02
.....cagaaaaccauguucAagccug.....	33	1	c02
.....Uagaaaaccauguuccagccug.....	13	1	c02
.....cagaaaaccauguucUagccug.....	4	1	c02
.....caCaaaaccauguuccagccug.....	6	1	c02
.....cagaaaaccauguuccagAcug.....	38	1	c02
.....cagaaaaccauguCccagccug.....	5	1	c02
.....cagaaaaccauguuccaAccug.....	2	1	c02
.....cagaaaaccauguuccUgccug.....	5	1	c02
.....cagaaaaccauguuccCgccug.....	71	1	c02
.....cagaaaaccauguuccagccug.....	16848	0	c02
.....cagaaaCccauguuccagccug.....	91	1	c02
.....cagaaaaccauguucGagccug.....	1	1	c02
.....cagaUaaccauguuccagccug.....	2	1	c02
.....cagaaaacUauguuccagccug.....	21	1	c02
.....cagaaUaccauguuccagccug.....	4	1	c02
.....cagaaaaccauguuccaCccug.....	32	1	c02
.....cagaaaaccauguuccGgccug.....	17	1	c02
.....Gagaaaaccauguuccagccug.....	1	1	c02
.....cagaaaaccauguuccagcAug.....	24	1	c02
.....cagaaaaccauguuccagcAuga.....	1	1	c02
.....cagaaaaccauguuccagAcuga.....	1	1	c02
.....cagaaaaccauCuuccagccuga.....	1	1	c02
.....cagaaaaccauguuccaCccuga.....	1	1	c02
.....cagaaaaccauguuccagccugG.....	13	1	c02
.....cagaaaaccauguuccagccuga.....	184	0	c02
.....caAaaaaccauguuccagccuga.....	1	1	c02
.....cagaaaaccauguuccagccuUa.....	1	1	c02
.....cagaaaaccauguuccagccugU.....	2611	1	c02
.....cagaaaCccauguuccagccuga.....	1	1	c02
.....cagaaaaccauguuccagccugC.....	22	1	c02
.....cagaaaaccauguucAagccuga.....	1	1	c02
.....cagaaCaccauguuccagccuga.....	1	1	c02
.....cagaaaaccaugAuccagccuga.....	1	1	c02
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.....cagaaaacAauguuccagccuga.....	3	1	c02
.....cagaaaaccauguuccagccugaG.....	3	1	c02
.....cagaaaaccauguuccagccugCc.....	1	1	c02
.....cagaaaaccauguuccagccugGc.....	2	1	c02
.....cagaaaaccauguuccagccugaU.....	19	1	c02
.....cagaaaaccauguuccagccugUc.....	7	1	c02
.....cagaaaaccauguuccagccugaA.....	22	1	c02
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.....cagaaaaccauguuccagccugacu.....	1	0	c02
.....cagaaaaccauguuccagccugUcug.....	1	1	c02
.....agaaaaccauguuccagcc.....	6	0	c02
.....agaaaaccauguuAcagccu.....	1	1	c02
.....agaaaaUcauguuccagccu.....	1	1	c02
.....agaaaaccauguuccagccu.....	15	0	c02
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.....agaaaGccauguuccagccug.....	1	1	c02
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.....agaaaaccauguuccagccugU.....	64	1	c02
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.....agaaaaccauguuccagccugaA.....	1	1	c02
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.....aaaccaugAuccagccug.....	1	1	c02
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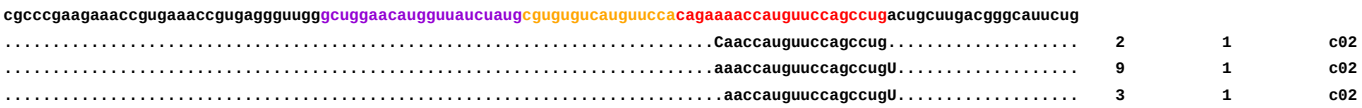
Star
Mature
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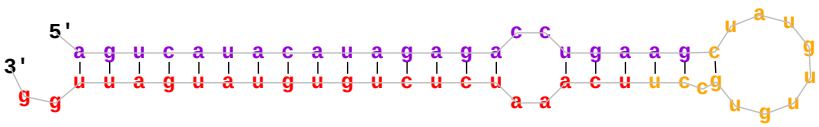
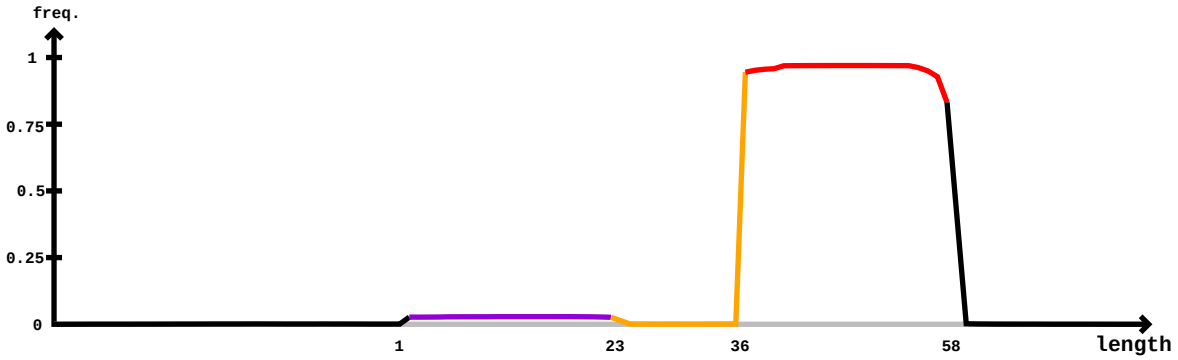
.....Caaccauguuccagccug..... 2 1 c02
.....aaaccauguuccagccugU..... 9 1 c02
.....aaccauguuccagccugU..... 3 1 c02

Provisional ID	:	group25_34108
Score total	:	24589.6
Score for star read(s)	:	3.9
Score for read counts	:	24579.3
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	48223
Mature read count	:	46874
Loop read count	:	0
Star read count	:	1349





Star **Mature**

```
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    ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccuucaaaucucuguguaugauuggccgcguucgucacuaacaac        exp
    ...(((((((((.(((........))))......((((((((((((((((..((((((........).))))))..))))))))))))))))..))))).))))........  reads     mm      sample
    ..............cgacaacagacgaucucCccc.....................................................................................  1         1       c02
    ..............cgacaacagacgaucucuccc.....................................................................................  1         0       c02
    ..............gacaacagacgaucucuccc......................................................................................  1         0       c02
    ..............acaacagacgaucucuccc.......................................................................................  1         0       c02
    ..................................agucauacauagagaccu.....................................................................  2         0       c02
    ..................................agucauacauagagaccug....................................................................  1         0       c02
    ..................................agucauacauagagaccuga...................................................................  9         0       c02
    ..................................agucauacauagagaccugaa..................................................................  11        0       c02
    ..................................aguAauacauagagaccugaa..................................................................  1         1       c02
    ..................................aCucauacauagagaccugaag.................................................................  1         1       c02
    ..................................agucauacauagagaccugaaU.................................................................  1         1       c02
    ..................................agucauacauagagaccugaaA.................................................................  1         1       c02
    ..................................Ggucauacauagagaccugaag.................................................................  2         1       c02
    ..................................agucauacauagagaccugaag.................................................................  143       0       c02
    ..................................agucauacauagagCccugaag.................................................................  1         1       c02
    ..................................agucauacaAagagaccugaag.................................................................  1         1       c02
    ..................................agucauacauagaUaccugaag.................................................................  1         1       c02
    ..................................Cgucauacauagagaccugaag.................................................................  4         1       c02
    ..................................agucauacauagagaccugaagA................................................................  3         1       c02
    ..................................agucauacauagagaccugaagG................................................................  1         1       c02
    ..................................agucauacauagagaccugaagU................................................................  1         1       c02
    ...................................Acauacauagagaccugaag..................................................................  1         1       c02
    ...................................ucauacauagagaccugaag..................................................................  6         0       c02
    ....................................cauacauagagaccugaag...................................................................  4         0       c02
    .....................................auacauagagaccugaag....................................................................  12        0       c02
    ..................................................................Uccuucaaaucucuguguaugauugg.....................  1         1       c02
    ..................................................................cUuucaaaucucuguguaugauugg.....................  1         1       c02
    ...................................................................uucaaaucucuguguaugauug.......................  1         0       c02
    ..................................................................Aucaaaucucuguguaugauugg.....................  1         1       c02
    ...................................................................uucaaaucucuguguaugauugg.....................  1         0       c02
    ..................................................................Gcaaaucucuguguauga..........................  12        1       c02
    ..................................................................ucaaaucucuguguaugU..........................  1         1       c02
    ..................................................................ucaaaucucuguguauga..........................  98        0       c02
```

Star Mature

ccauggcaacgcuucgacaacagacgaucucuccc**agucauacauagagaccugaag**cuauguugugccu**ucaaaucucuguguaugauuggccgcguucgucacuaacaac**

.....ucaaaucucuguguaugau.....	133	0	c02
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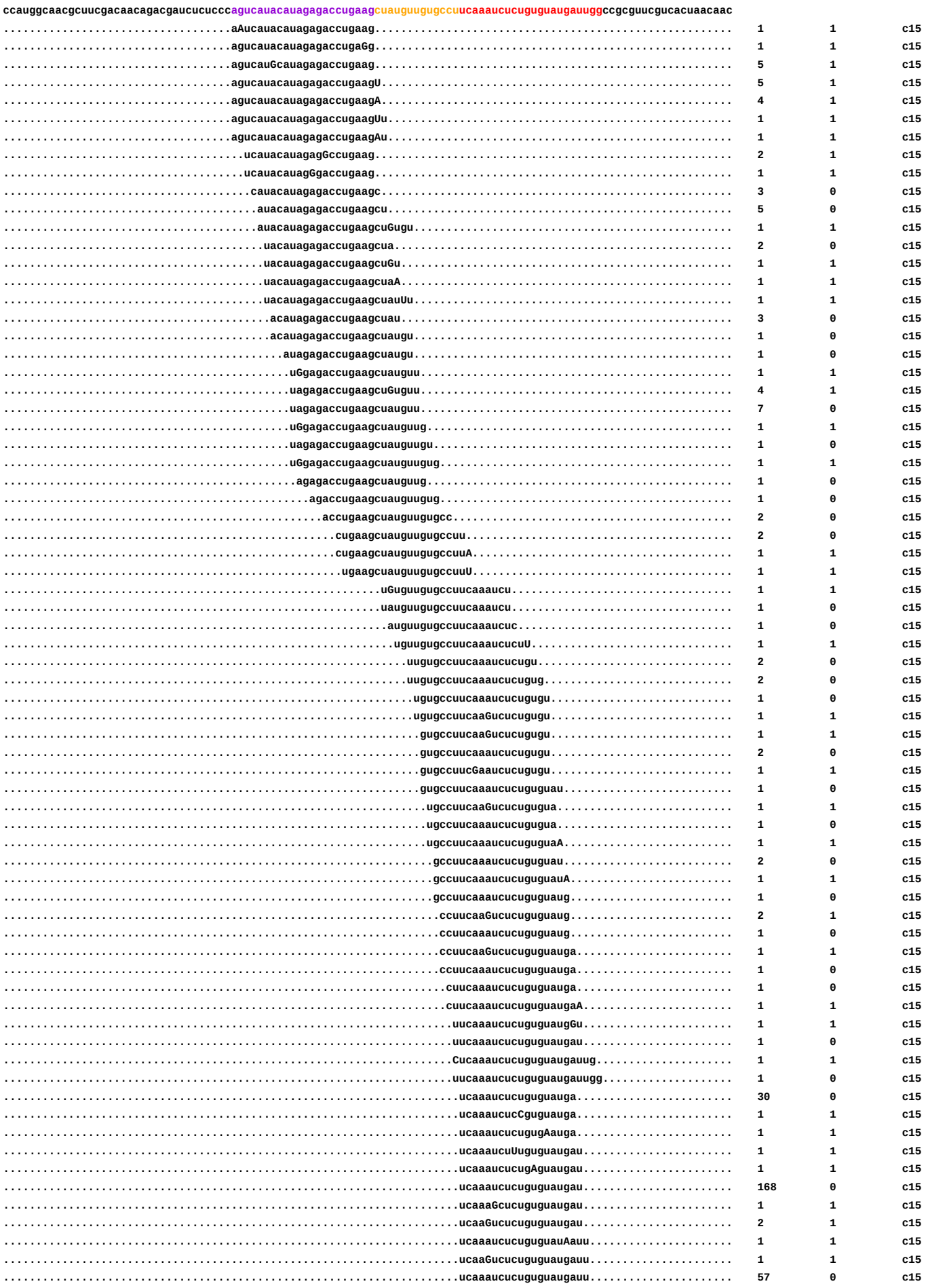
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.....auuggccgcguucgucacua.....	1	0	c15
.....auuggccgcguucgucacuaa.....	1	0	c15
.....auuggccgcguucgucacuaU.....	2	1	c15
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.....uuggccgcguucgucacuaac.....	1	0	c15
.....uggccgcguucgucacuaac.....	1	0	c15
.....uggccgcguucgucacuaaca.....	1	0	c15

.....cGagucauacauagagaccugaag.....	1	1	c09
.....agCcauacauagagaccu.....	1	1	c09
.....agucauacauagagaccG.....	1	1	c09
.....agucauacauagagaccu.....	8	0	c09
.....agucauacauagagaccug.....	6	0	c09
.....agucauacauagagaccuga.....	10	0	c09
.....Ggucauacauagagaccuga.....	1	1	c09
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.....agucauacauagagaccugaa.....	29	0	c09
.....agucauacauagagacAugaag.....	2	1	c09
.....agucauUcauagagaccugaag.....	1	1	c09
.....agucauacauagagaccugaag.....	272	0	c09
.....Cgucauacauagagaccugaag.....	7	1	c09
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.....agucauacauagagCccugaag.....	1	1	c09
.....agucauacauagagaccGgaag.....	1	1	c09
.....agucauaUauagagaccugaag.....	1	1	c09
.....agucauacauagagaccugaagU.....	1	1	c09
.....agucauacauagagaccugaagA.....	6	1	c09
.....ucauacauagagaccugaag.....	3	0	c09
.....uUauacauagagaccugaag.....	1	1	c09
.....cauacauagagaccugaa.....	1	0	c09
.....cauacauagagaccugaag.....	6	0	c09
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.....Cuacauagagaccugaag.....	1	1	c09
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Star Mature

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.....ucaaaucucuguguaugaA.....	4	1	c09
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.....ucGaaucucuguguaugauu.....	1	1	c09
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.....ucaaauAucuguguaugauu.....	1	1	c09
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.....ucaaaucucuguguaAgauug.....	1	1	c09
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.....ucaGaucucuguguaugauugg.....	2	1	c09
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.....ucaaaucucuguguaugauuUg.....	7	1	c09
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Star Mature

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.....ucaaaucucugCguaugauuggc.....	4	1	c09
.....ucaaaucucuguguGugauuggc.....	2	1	c09
.....uUaaaucucuguguaugauuggc.....	8	1	c09
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.....ucaaaucucugugAaugauuggc.....	1	1	c09
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.....ucUaaucucuguguaugauuggc.....	1	1	c09
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.....ucaaaAcucuguguaugauuggc.....	5	1	c09
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.....caaaucucuguguaugauuAg.....	1	1	c09
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.....aaaucucuguguaugauug.....	2	0	c09
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.....aucucAguguaugauuggc.....	1	1	c09
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.....aucucuguguaugauugU.....	3	1	c09

Star Mature

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.....................................................................aucucuguguaugauugg.....  233 0   c09
.....................................................................aucucuguguaugaAugg.....  1   1   c09
.....................................................................aucucuguguaugauuggc.....  1   0   c09
.....................................................................aucucuguguaugauuggU.....  5   1   c09
.....................................................................aucucuguguaugauugUc.....  2   1   c09
.....................................................................aucucuguguaugauuggA.....  2   1   c09
.....................................................................aucucuguguaugauuggcU.....  1   1   c09
.....................................................................aucucuguguaugauuggcGg.....  1   1   c09
.....................................................................ucucuguguaugauuggA.....  1   1   c09
.....................................................................ucucuguguaugauuggU.....  2   1   c09

................................cagucauacauagagaccugaag.....................................  1   0   c16
................................agucauacauagagaccug.....................................  2   0   c16
................................Cgucauacauagagaccuga.....................................  2   1   c16
................................agucauacauagagaccuga.....................................  5   0   c16
................................agucauacauagagaccugaa....................................  2   0   c16
................................Cgucauacauagagaccugaa....................................  1   1   c16
................................Cgucauacauagagaccugaag...................................  3   1   c16
................................agucauacauagagaccugaag...................................  52  0   c16
................................agucauacauagagCccugaag...................................  1   1   c16
................................agucauacauagagaccugaaA...................................  2   1   c16
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................................agucauacauagagaccugaagG..................................  1   1   c16
.................................ucauacauagagaccugaag.....................................  1   0   c16
.................................auacauagagaccugaag......................................  2   0   c16
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.....................................................................Gcaaaucucuguguaugauug....  65  1   c16
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.....................................................................ucaaaucucuguguaugauAg....  1   1   c16
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Star Mature

ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccucaaaucucuguguaugauuggccgcguucgucacuaacaac

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.....ucCaaucucuguguaugauugg.....	1	1	c16
.....ucaaaucucCguguaugauugg.....	2	1	c16
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.....ucaaUucucuguguaugauugg.....	1	1	c16
.....ucaaaucucuguguaugauugA.....	3	1	c16
.....uAaaaucucuguguaugauugg.....	8	1	c16
.....ucaaaucucuAuguaugauugg.....	2	1	c16
.....Ccaaaucucuguguaugauugg.....	5	1	c16
.....ucaaaucucuguguaugauuCg.....	12	1	c16
.....ucaaauGucuguguaugauugg.....	1	1	c16
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.....ucaaaucucuguguaugauugU.....	17	1	c16
.....ucaaaucCcuguguaugauugg.....	3	1	c16
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.....ucaaaucucuguguaugauuUg.....	7	1	c16
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.....ucaaaucucuguCuaugauugg.....	11	1	c16
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.....ucaaaucucuguguaGgauugg.....	2	1	c16
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.....ucaaaucucuguUuaugauugg.....	2	1	c16
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.....ucaaaucucuguguaugauugC.....	12	1	c16
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.....ucaaaucAcuguguaugauugg.....	5	1	c16
.....ucaaaucuGuguguaugauugg.....	3	1	c16
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.....ucaaaucucuguguaugauuggG.....	5	1	c16
.....ucaaaucucuguguaugauuggU.....	83	1	c16
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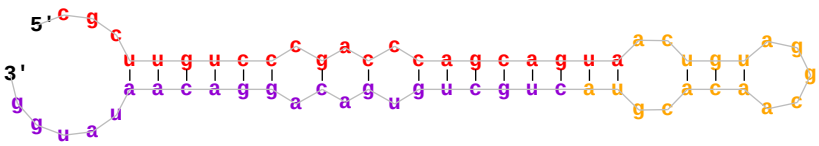
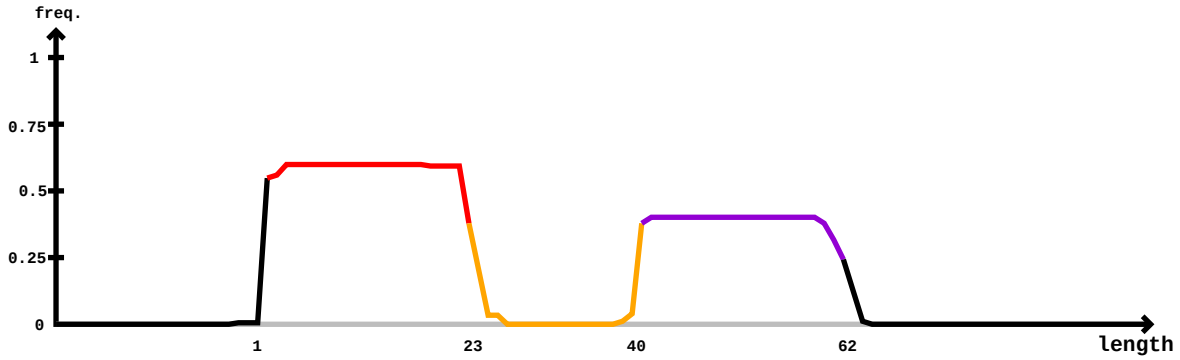
.....caaaucucuguguaugauugg.....	29	0	c16
.....caaaucucuguguaugauuggG.....	1	1	c16
.....aaaucucuguguaugauu.....	3	0	c16
.....aaaucucuguguaugauug.....	4	0	c16
.....aaUucucuguguaugauugg.....	1	1	c16
.....aaaucucuguguaugauuCg.....	1	1	c16
.....aaaucucuguguaugauugg.....	29	0	c16
.....Caucucuguguaugauug.....	1	1	c16
.....aaucucuguguaugauug.....	2	0	c16
.....Gaucucuguguaugauugg.....	1	1	c16
.....aaucucuguguaugauugg.....	16	0	c16

Star Mature

```
ccauggcaacgcuucgacaacagacgaucucuccc agucauacauagagaccugaag cuauguugugccu ucaaaucucuguguaugauuggccgcguucgucacuaacaac
                                                
```

Provisional ID	:	group25_34155
Score total	:	90.8
Score for star read(s)	:	3.9
Score for read counts	:	83.7
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	176
Mature read count	:	105
Loop read count	:	0
Star read count	:	71





Mature **Star**

```
5'- guguuagcgacgccacggccCGCUUGUCCCGACCCAGCAGUAACUGUAGGCAACACGUACUGCUGUGACAGGACAAUAUGGUCGUGACGCGCGAGGCUGGCGGCGGCCCGCG  -3'   obs
    guguuagcgacgccacggccCGCUUGUCCCGACCCAGCAGUAACUGUAGGCAACACGUACUGCUGUGACAGGACAAUAUGGUCGUGACGCGCGAGGCUGGCGGCGGCCCGCG        exp
    ((((((...))))))(((((((...(((((((.(.(.(((((((((..(((.....)))..)))))))))).).).)))))))...)))))))...((((.(((((....)))))))))
```

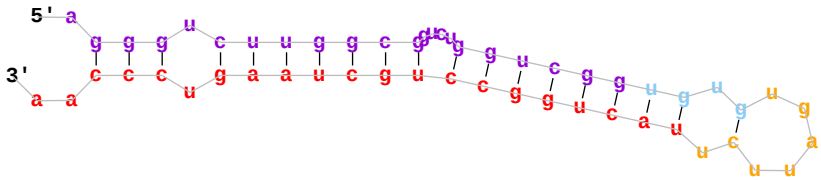
reads	mm	sample
5	0	c15
1	1	c15
2	0	c15
6	0	c02
4	0	c02
1	0	c02
1	0	c02
2	0	c02
1	0	c02
1	0	c02
1	0	c02
2	0	c02
1	1	c02
1	0	c16
1	1	c16
27	0	c16
1	1	c16
3	1	c16
2	1	c16
36	0	c16
1	0	c16
4	0	c16
2	0	c16
1	0	c16
1	0	c16
1	1	c16
3	0	c16
7	0	c16
10	0	c16
1	1	c16

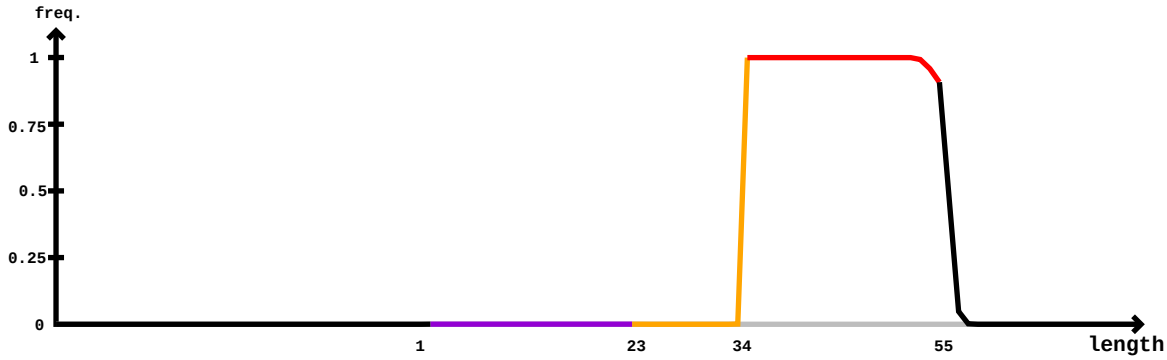
Mature Star

guguuagcgacgccacggccgcuuguccgacccagcaguaacuguaggcaacacguacugcugugacaggacaauauggucgugacgcgcgaggcuggcggcggcccgcg

.....cugcugugacaggacaauaugg.....	20	0	c16
.....cugcugugacGggacaauaugg.....	2	1	c16
.....cugcugugacaggacaauaugU.....	1	1	c16
.....cugcugugacaggacaauauggu.....	4	0	c16
.....ugcugugacaggacaauaug.....	1	0	c16
.....Ggcugugacaggacaauaugg.....	1	1	c16
.....ugcugugacaggacaauaugguU.....	1	1	c16
.....cgcuuguccgacccagcagua.....	1	0	c04
.....cugcugugacaggacaauaugg.....	2	0	c04
.....cugcugugacaggacaauaugguA.....	1	1	c04
.....cgcuuguccgacccagcagu.....	2	0	c09
.....cgcuugucccgCcccagcagu.....	1	1	c09
.....cgcuuguccgacccagcagua.....	3	0	c09
.....cgcuuguccgacccagcaguaU.....	1	1	c09
.....cgcuuguccgacccagcaguaa.....	2	0	c09
.....cugcugugacaggacaauaugg.....	2	0	c09
.....ugcugugacaggacaauaugg.....	1	0	c09

Provisional ID	:	group2_6082
Score total	:	1154.3
Score for star read(s)	:	3.9
Score for read counts	:	1144.2
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2256
Mature read count	:	2255
Loop read count	:	0
Star read count	:	1





Star **Mature**

```
5'- caaaacagaagauuccaaaugcuugguccauacggcaagggucuuggcggucuggucggugugugauucuuacuggccugcuaagucccaagcuaugauggacccuaacuu  -3'   obs
    caaaacagaagauuccaaaugcuugguccauacggcaagggucuuggcggucuggucgguguguugauucuuacuggccugcuaagucccaagcuaugauggacccuaacuu        exp
    ........................(((((((..(((..(((.(((((((....(((((((((.(.....).)))))))))))))))).)))..)))...)))))))........  reads      mm         sample
    ..........................................................................uacuggccugcuaaguccca.....................  1          0          c15
    ..........................................................................uacuggccugcuaagucccaa.....................  2          0          c15
    ..........................................................................uacuggccugcuaagucccaag....................  7          0          c15

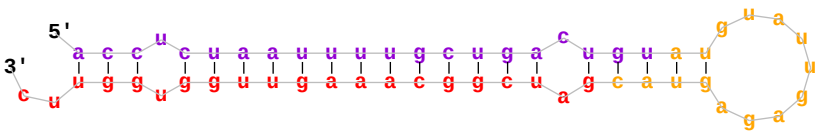
    ..........................................................................Gacuggccugcuaagucc.......................  2          1          c02
    ..........................................................................uacuggccugcuaagucc.......................  4          0          c02
    ..........................................................................uacuggccugcuaaguccc......................  14         0          c02
    ..........................................................................uacuggccugcuaagucUc......................  1          1          c02
    ..........................................................................uacuggccugcuaagucccC.....................  2          1          c02
    ..........................................................................Gacuggccugcuaaguccca.....................  8          1          c02
    ..........................................................................uacuggccugcuaagucccU.....................  2          1          c02
    ..........................................................................uacuggccugcuaaguccca.....................  61         0          c02
    ..........................................................................uacuggccugcuaagucAca.....................  1          1          c02
    ..........................................................................uacugCccugcuaaguccca.....................  1          1          c02
    ..........................................................................uaAuggccugcuaaguccaa.....................  1          1          c02
    ..........................................................................uacAggccugcuaaguccaa.....................  1          1          c02
    ..........................................................................uacuggccugcuaagucUcaa....................  2          1          c02
    ..........................................................................uacuggccugcuaGgucccaa....................  1          1          c02
    ..........................................................................uacuggccugcuaaCucccaa....................  1          1          c02
    ..........................................................................uacuggccugcuaagucccaU....................  5          1          c02
    ..........................................................................uacuggccugcuaagucAcaa....................  2          1          c02
    ..........................................................................uacuggccugcuaCgucccaa....................  1          1          c02
    ..........................................................................uacuggccuAcuaagucccaa....................  1          1          c02
    ..........................................................................Gacuggccugcuaagucccaa....................  34         1          c02
    ..........................................................................uacuggccugcuaagucccaa....................  372        0          c02
    ..........................................................................uacuggccugcuaaguccAaa....................  1          1          c02
    ..........................................................................uacuggccugcuaagucccaC....................  2          1          c02
    ..........................................................................uacuggccuCcuaagucccaa....................  2          1          c02
    ..........................................................................uacuggccugcuaagucccaaA...................  11         1          c02
    ..........................................................................Aacuggccugcuaagucccaag....................  1          1          c02
    ..........................................................................uacuggccugAuaagucccaag....................  1          1          c02
    ..........................................................................uacuggccugcuaaguccAaag....................  1          1          c02
    ..........................................................................uacuggccugcuaagucccaag....................  318        0          c02
```

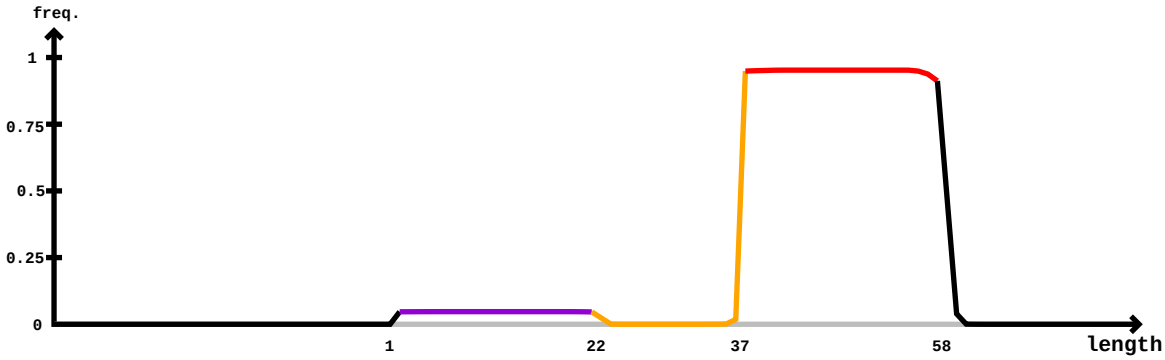
Star Mature

caaaacagaagauuccaaaugcuugguccauacggcaagggucuuggcggucuggucggugugugauucuuacuggccugcuaaagucccaagcuaugauggacccuaacuu

.....Gacuggccugcuaaagucccaag.....	28	1	c02
.....uacuggccugcuaaUucccaag.....	1	1	c02
.....uacuggccugcuaaagucccaaU.....	14	1	c02
.....uacuggccugcuaaagucccaagc.....	2	0	c02
.....uacuggccugcuaaagucccaagA.....	20	1	c02
.....uacuggccugcuaaagucccaagU.....	7	1	c02
.....uacuggccugcuaaagucccaagUu.....	1	1	c02
.....uacuggccugcuaaaguccc.....	1	0	c16
.....uacuggccugcuaaagucccaa.....	13	0	c16
.....uacuggccugcuaaagucccaag.....	23	0	c16
.....uacAggccugcuaaagucccaag.....	1	1	c16
.....Cacuggccugcuaaagucccaag.....	1	1	c16
.....uacuggccugcuaaagucccaagG.....	1	1	c16
.....Cgggucuuggcggucuggucgg.....	1	1	c04
.....Cuacuggccugcuaaagucccaag.....	1	1	c04
.....uuacAggccugcuaaagucccaag.....	1	1	c04
.....uacuggccugcuaaagucccaa.....	2	0	c04
.....uacuggccugcuaaagucccaU.....	1	1	c04
.....uacuggccugcuaaagucccaag.....	9	0	c04
.....uacuggccugcuaaagucc.....	10	0	c09
.....uacuggccugcuaaaguccc.....	51	0	c09
.....uacuggccugcuaaaguccA.....	1	1	c09
.....Gacuggccugcuaaaguccc.....	8	1	c09
.....uacuggccugcuaaagucUc.....	1	1	c09
.....Gacuggccugcuaaaguccca.....	2	1	c09
.....uacuggccugcuaaagucccG.....	1	1	c09
.....uacuggccugcuaaaguccca.....	36	0	c09
.....Gacuggccugcuaaagucccaa.....	27	1	c09
.....uacuggccugcuaaCucccaa.....	1	1	c09
.....uacuggccugcuaaagucUcaa.....	1	1	c09
.....Aacuggccugcuaaagucccaa.....	1	1	c09
.....uacuggccugcuaaagucccaU.....	12	1	c09
.....uacuggccugcuaaagucccaC.....	2	1	c09
.....uaAuggccugcuaaagucccaa.....	1	1	c09
.....uacuggccugcuaaguAccaa.....	1	1	c09
.....uacuggccugcuaaagucccaa.....	512	0	c09
.....uacuggccugcuaaguccAaa.....	2	1	c09
.....uacuggccugcuaaagucAcaa.....	1	1	c09
.....uacuAgccugcuaaagucccaa.....	1	1	c09
.....uacuggccugGuaaagucccaa.....	1	1	c09
.....uacuggccugcuaaagucAcaag.....	2	1	c09
.....uacuggccugcuaaagucccaaC.....	4	1	c09
.....uacuggUcugcuaaagucccaag.....	1	1	c09
.....uacuggccugcuaaagucccaag.....	435	0	c09
.....uacuggccugcuaaagucccaaA.....	13	1	c09
.....Aacuggccugcuaaagucccaag.....	1	1	c09
.....uaUuggccugcuaaagucccaag.....	2	1	c09
.....uacuggccugcuaaagucccaaU.....	24	1	c09
.....uacuggccugcuaaUucccaag.....	1	1	c09
.....uacuggcAugcuaaagucccaag.....	1	1	c09
.....uacuggccugcuaaaguAccaag.....	3	1	c09
.....uacuggccugcuaaagucccaGg.....	1	1	c09
.....uacuCgccugcuaaagucccaag.....	1	1	c09
.....uacuggccuAcuaaagucccaag.....	1	1	c09
.....uacCggccugcuaaagucccaag.....	1	1	c09
.....Gacuggccugcuaaagucccaag.....	23	1	c09
.....uacuggccugcuaaagucccaagc.....	1	0	c09
.....uacuggccugcuaaagucccaagG.....	1	1	c09
.....uacuggccugcuaaagucccaagA.....	28	1	c09
.....Gacuggccugcuaaagucccaagc.....	1	1	c09
.....uacuggccugcuaaagucccaagU.....	42	1	c09
.....uacuggccugcuaaagucccaaAc.....	1	1	c09
.....uacuggccugcuaaagucccaagUu.....	3	1	c09

Provisional ID	:	group2_6168
Score total	:	37263.3
Score for star read(s)	:	3.9
Score for read counts	:	37257.1
Score for mfe	:	1.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	73090
Mature read count	:	69635
Loop read count	:	0
Star read count	:	3455





Star **Mature**

```
5'- gccaacacugcgguacccuaaaacuauuugugugaccucuaauuuugcugacuguauguauugagaguacgaucggcaaaguuggugguucugcacuuaguugucacagcg  -3'   obs
    gccaacacugcgguacccuaaaacuauuugugugaccucuaauuuugcugacuguauguauugagaguacgaucggcaaaguuggugguucugcacuuaguugucacagcg        exp
    (((........))).....(((((..((((.((((.(((((((((((((.(((((.........)))))..)))))))))))))).)))).))))..)))))........  reads    mm       sample
    ..................................acAucuaauuuugcugacu.....................................................  1        1        c09
    ..................................accucuaauuuugcugacu.....................................................  5        0        c09
    ..................................Cccucuaauuuugcugacu.....................................................  2        1        c09
    ..................................accucAaauuuugcugacu.....................................................  1        1        c09
    ..................................Cccucuaauuuugcugacug....................................................  1        1        c09
    ..................................accucuaauuuugcugacug....................................................  8        0        c09
    ..................................Cccucuaauuuugcugacugu...................................................  40       1        c09
    ..................................accucuaauuuugcugacugu...................................................  208      0        c09
    ..................................accuAuaauuuugcugacugu...................................................  1        1        c09
    ..................................accucuaauuuuCcugacugu...................................................  1        1        c09
    ..................................accucuaauuuugcugacugA...................................................  1        1        c09
    ..................................accAcuaauuuugcugacugu...................................................  1        1        c09
    ..................................accucuaauuAugcugacugu...................................................  1        1        c09
    ..................................acAucuaauuuugcugacugua..................................................  1        1        c09
    ..................................Cccucuaauuuugcugacugua..................................................  6        1        c09
    ..................................accucuaauuuugcugacugua..................................................  44       0        c09
    ..................................accucuaauuuugcugacuguU..................................................  1        1        c09
    ..................................accucuaauuuugUugacugua..................................................  1        1        c09
    ..................................accucuaauuuugcugacuguG..................................................  2        1        c09
    ..................................accucuaauuuugcugacuguaG.................................................  1        1        c09
    ..................................accucuaauuuugcugacuguaA.................................................  2        1        c09
    ..................................accucuaauuuugcugacuguauguauugagaguac....................................  1        0        c09
    ....................................ccucuaauuuugcugacugua.................................................  1        0        c09
    ......................................cucuaauuuugcugacugu..................................................  1        0        c09
    ........................................ucuaauuuugcugacugu..................................................  3        0        c09
    ..........................................cuaauuuugcugacugua.................................................  1        0        c09
    ..............................................................Gacgaucggcaaaguuggugguuc....................  3        1        c09
    ..............................................................Aacgaucggcaaaguuggugguuc....................  2        1        c09
    ..............................................................Gcgaucggcaaaguuggugguu.....................  1        1        c09
    ..............................................................aGgaucggcaaaguuggugguuc....................  3        1        c09
    ..............................................................aGgaucggcaaaguuggugguucu...................  1        1        c09
    ..............................................................aAgaucggcaaaguuggugguucu...................  1        1        c09
    ..............................................................cgaucggcaaaguuggugguu......................  11       0        c09
```

Star Mature

gccaacacugcgguacccuaaaacuauuugugugaccucuaauuuugcugacuguauguauugagaguacgaucggcaaaguuggugguucugcacuuaguugucacagcg

.....cgaucggcaaaguuggugUuuc.....	1	1	c09
.....cgaucggcaaaguuggugguuc.....	39	0	c09
.....cgaucggcaaaguuggugguuU.....	1	1	c09
.....cgaucggcaaaguuggugguucu.....	9	0	c09
.....cgaucggcaaaguuggugguucuU.....	4	1	c09
.....gaucggcaaaguuggugg.....	55	0	c09
.....gaucggcaCaguuggugg.....	1	1	c09
.....gUucggcaaaguuggugg.....	1	1	c09
.....gaucggcaaaguugguggG.....	1	1	c09
.....gaucggcaaaguuggCggu.....	1	1	c09
.....gaucUgcaaaguugguggu.....	1	1	c09
.....gaucgCcaaaguugguggu.....	1	1	c09
.....gaucggcaaaguugguggu.....	135	0	c09
.....Caucggcaaaguuggugguu.....	2	1	c09
.....gaucggcaaaguuggugCuu.....	1	1	c09
.....gaucgCcaaaguuggugguu.....	1	1	c09
.....gaucggcaaagAuggugguu.....	1	1	c09
.....gaucggcaaaguugCugguu.....	1	1	c09
.....gaucggcaaaguuggUguu.....	1	1	c09
.....gauGggcaaaguuggugguu.....	1	1	c09
.....gaucgAcaaaguuggugguu.....	1	1	c09
.....gaucAgcaaaguuggugguu.....	1	1	c09
.....gCucggcaaaguuggugguu.....	1	1	c09
.....gaucggcaaaguuggugguu.....	323	0	c09
.....gaucggcaaaguuggugguG.....	1	1	c09
.....gaucggcaaaguuggugguA.....	1	1	c09
.....gaucggcaaaguugguCguu.....	1	1	c09
.....Caucggcaaaguuggugguuc.....	22	1	c09
.....gaucAgcaaaguuggugguuc.....	4	1	c09
.....gaucggcaaaguuUgugguuc.....	3	1	c09
.....gaucggcaaaguugCugguuc.....	3	1	c09
.....Uaucggcaaaguuggugguuc.....	10	1	c09
.....Aaucggcaaaguuggugguuc.....	2	1	c09
.....gaucggcaaaguuggGgguuc.....	1	1	c09
.....gGucggcaaaguuggugguuc.....	2	1	c09
.....gaucggcaaaguuggugCuuc.....	4	1	c09
.....gaucggcaaagCuggugguuc.....	3	1	c09
.....gauUggcaaaguuggugguuc.....	2	1	c09
.....gaucggcaaaguuCgugguuc.....	6	1	c09
.....gaucggAaaaguuggugguuc.....	3	1	c09
.....gauAggcaaaguuggugguuc.....	1	1	c09
.....gaucggcaaGguuggugguuc.....	1	1	c09
.....gaucUgcaaaguuggugguuc.....	3	1	c09
.....gaucggcaaaguuggugguuG.....	3	1	c09
.....gaucggcaaaguugguCguuc.....	2	1	c09
.....gaGcggcaaaguuggugguuc.....	1	1	c09
.....gaucgUcaaaguuggugguuc.....	2	1	c09
.....gaucggcaaaguuggugUuuc.....	1	1	c09
.....gaucggcaaUguuggugguuc.....	1	1	c09
.....gaucggcaaaguuggugguAc.....	1	1	c09
.....gaucggUaaaguuggugguuc.....	1	1	c09
.....gaucggcaaaguuggugguuc.....	3449	0	c09
.....gaAcggcaaaguuggugguuc.....	1	1	c09
.....gaucggcaaaguugUugguuc.....	1	1	c09
.....gaucggcaGaguuggugguuc.....	1	1	c09
.....gaucgAcaaaguuggugguuc.....	1	1	c09
.....gaucggcaaaguuggugguuA.....	16	1	c09
.....gaucggcaaaguugAugguuc.....	2	1	c09
.....gaucggcaaaAuuggugguuc.....	1	1	c09
.....gaucggcaaaguuggugguuU.....	100	1	c09
.....gCucggcaaaguuggugguuc.....	3	1	c09
.....gaucggcGaaguuggugguuc.....	2	1	c09
.....gaucggcaaaguuggCgguuc.....	1	1	c09
.....gaucggcaaagAuggugguuc.....	1	1	c09
.....gaucggcaaaCuuggugguuc.....	1	1	c09
.....gaucggcaaaguAggugguuc.....	2	1	c09
.....gaucggcaaaguuggugguAuc.....	2	1	c09
.....gaucgCcaaaguuggugguuc.....	2	1	c09
.....gaucggcaaaguuAgugguuc.....	1	1	c09
.....gaucggcaaaguuggugguuUu.....	23	1	c09

gccaacacugcgguacccuaaaacuauuugugugaccucuaauuuugcugacuguauguauugagaguacgaucggcaaaguuggugguucugcacuuaguugucacagcg

.....gauUggcaaaguuggugguucu.....	1	1	c09
.....gaucggcaaagGuggugguucu.....	1	1	c09
.....Caucggcaaaguuggugguucu.....	7	1	c09
.....gaucggcaaaguuggugguucC.....	31	1	c09
.....gUucggcaaaguuggugguucu.....	1	1	c09
.....gaucggcaaaguuggugUuucu.....	1	1	c09
.....Uaucggcaaaguuggugguucu.....	1	1	c09
.....gaucggcaaaCuuggugguucu.....	1	1	c09
.....gaucggcaaaguuCgugguucu.....	2	1	c09
.....gaucggcaaaguuggugguucG.....	5	1	c09
.....gaucggcaaaguuggugguuAu.....	1	1	c09
.....gaucggcaaaguuUgugguucu.....	1	1	c09
.....gCucggcaaaguuggugguucu.....	2	1	c09
.....gaucggcaaCguuggugguucu.....	1	1	c09
.....gaucggcaaaguugAugguucu.....	1	1	c09
.....gaucggcaaaguuggugguucu.....	761	0	c09
.....gaucggcaaaguugCugguucu.....	1	1	c09
.....gaucgCcaaaguuggugguucu.....	1	1	c09
.....gaucggUaaaguuggugguucu.....	1	1	c09
.....gaucggcaaaguuggugguucA.....	49	1	c09
.....gaucggAaaaguuggugguucu.....	1	1	c09
.....gaucggcaaaguuggugguucuA.....	7	1	c09
.....gaucggcaaaguuggugguucug.....	5	0	c09
.....gaucggcaaaguuggugguucuU.....	132	1	c09
.....gaucggcaaaguuggugguucuC.....	2	1	c09
.....gaucggcaaaguuggugguucugG.....	1	1	c09
.....gaucggcaaaguuggugguucugGa.....	1	1	c09
.....gaucggcaaaguuggugguucuUca.....	1	1	c09
.....Gucggcaaaguuggugguu.....	1	1	c09
.....aucggcaaaguuggugguu.....	1	0	c09
.....aucggcaaaguuggugguuc.....	10	0	c09
.....aucggcaaaguuggugguucC.....	1	1	c09
.....aucggcaaaguuggugguucu.....	2	0	c09
.....ucggcaaaguuggugguu.....	1	0	c09
.....ucggcaaaguuggugguuc.....	7	0	c09
.....ucggcaaaguuggugguucu.....	3	0	c09
.....ucggcaaaguuggugguucuU.....	1	1	c09
.....cggcaaaguuggugguuc.....	12	0	c09
.....cggcaaaguuggugguucu.....	2	0	c09
.....ggcaaaguuggugguucu.....	2	0	c09

.....accucuaauuuugcugacu.....	1	0	c04
.....accucuaauuuugcugacug.....	1	0	c04
.....accucuaauuuugcugacugu.....	14	0	c04
.....Cccucuaauuuugcugacugu.....	7	1	c04
.....Cccucuaauuuugcugacugua.....	1	1	c04
.....accucuaauuuugcugacuguU.....	1	1	c04
.....accucuaauuuugcugacugua.....	8	0	c04
.....cgaucggcaaaguugguggu.....	1	0	c04
.....cgaucggcaaaguuggugguuc.....	13	0	c04
.....cAaucggcaaaguuggugguuc.....	1	1	c04
.....cgaucggcaaaguuggugguucu.....	1	0	c04
.....gaucggcaaaguuggugg.....	4	0	c04
.....gaucggcaaaguugguggu.....	32	0	c04
.....gaucggcaaaguuggugguu.....	41	0	c04
.....gaucggcaaaguugguUguu.....	1	1	c04
.....gaucggcaaaguuggugguuU.....	21	1	c04
.....gaucggcaaaguuggugguuc.....	609	0	c04
.....gaucggcaaaguuggugCuuc.....	2	1	c04
.....Caucggcaaaguuggugguuc.....	3	1	c04
.....gaucggcaaaguuUgugguuc.....	1	1	c04
.....gaucCgcaaaguuggugguuc.....	1	1	c04
.....gaucggUaaaguuggugguuc.....	1	1	c04
.....gaucggcaaagGuggugguuc.....	1	1	c04
.....gaucggcaaaguugguCguuc.....	1	1	c04
.....gaucggcaaaguuggugguuA.....	5	1	c04
.....gaucgAcaaaguuggugguuc.....	1	1	c04
.....gaucUgcaaaguuggugguuc.....	1	1	c04
.....gGucggcaaaguuggugguuc.....	1	1	c04
.....gaucggcaaaguuggAgguuc.....	1	1	c04

Star Mature

gccaacacugcgguacccuaaaacuauuugugugaccucuaauuuugcugacuguauguauugagaguacgaucggcaaaguuggugguucugcacuuaguugucacagcg

.....gaucggcaaagAuggugguuc.....	1	1	c04
.....gaucggcaaaguuggugguucG.....	1	1	c04
.....gaucggcaaaguuggugguucu.....	84	0	c04
.....gaucggcaaaguuggugguucC.....	11	1	c04
.....Caucggcaaaguuggugguucu.....	2	1	c04
.....gaucggcaaaguuggugguuUu.....	4	1	c04
.....gaucggcaaaguuggugguucA.....	26	1	c04
.....gaucggcaaaguuggugguucuU.....	12	1	c04
.....aucggcaaaguuggugguuc.....	1	0	c04
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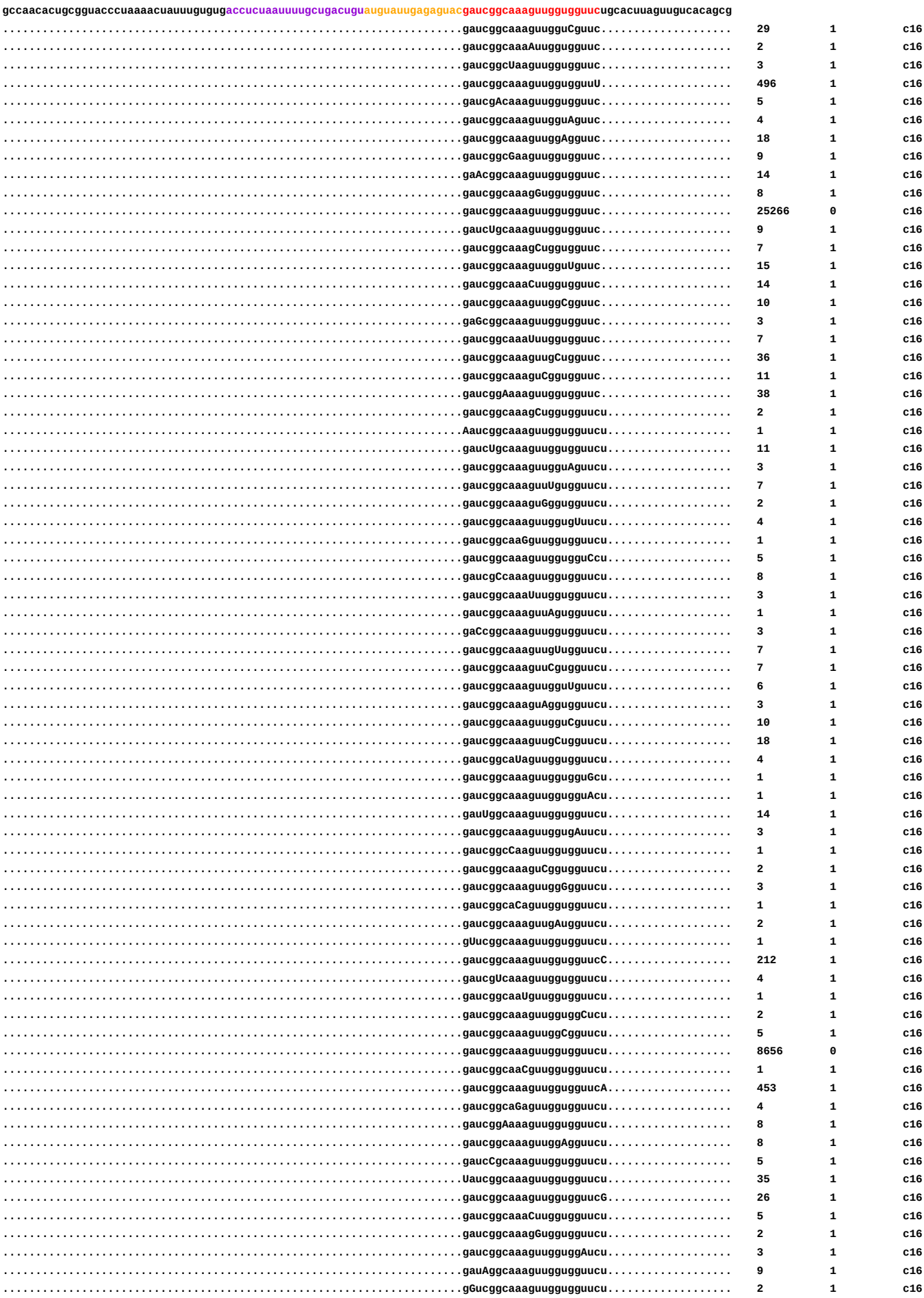
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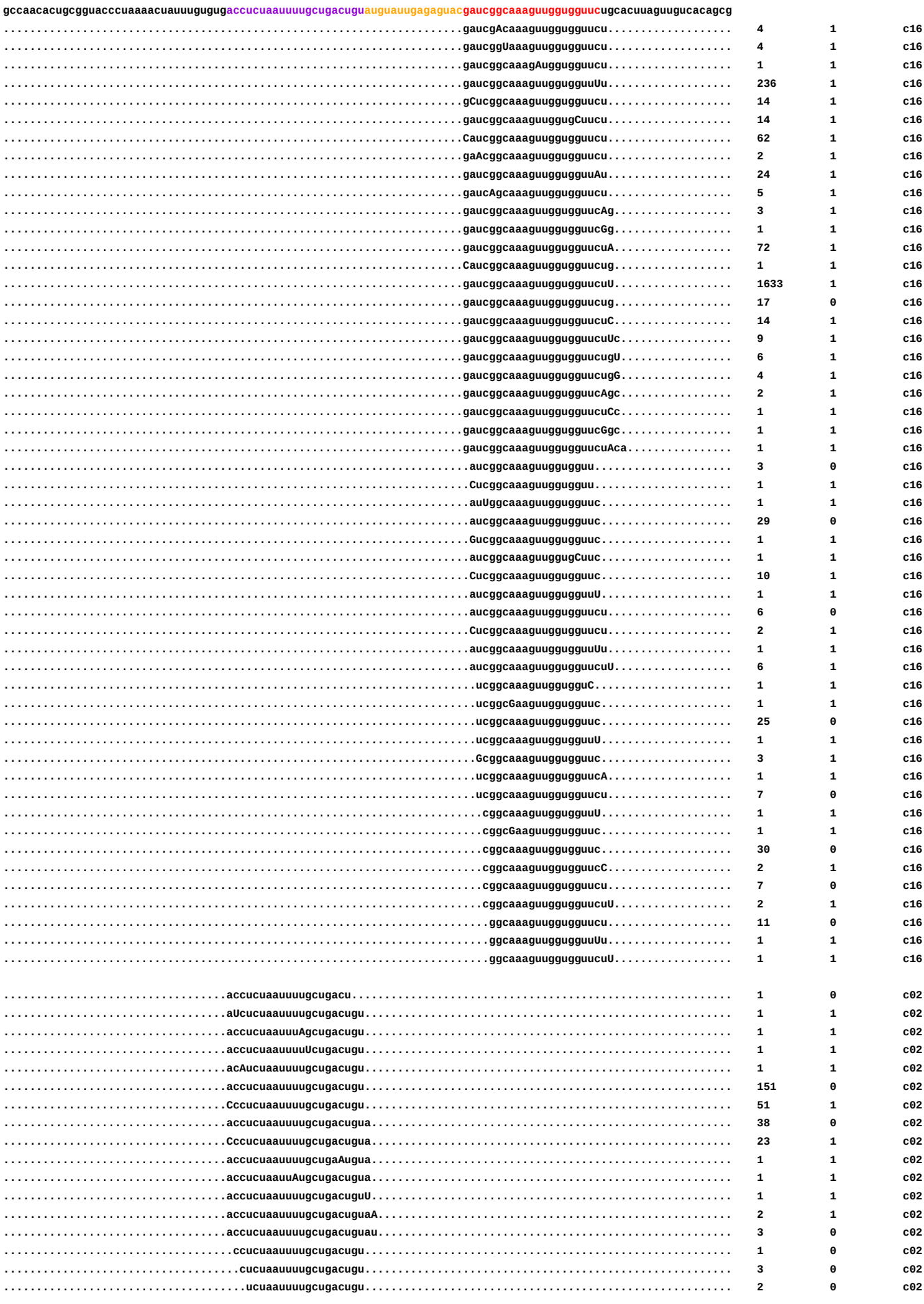
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.....gaucggcaaaguuggugguAucu.....	1	1	c02
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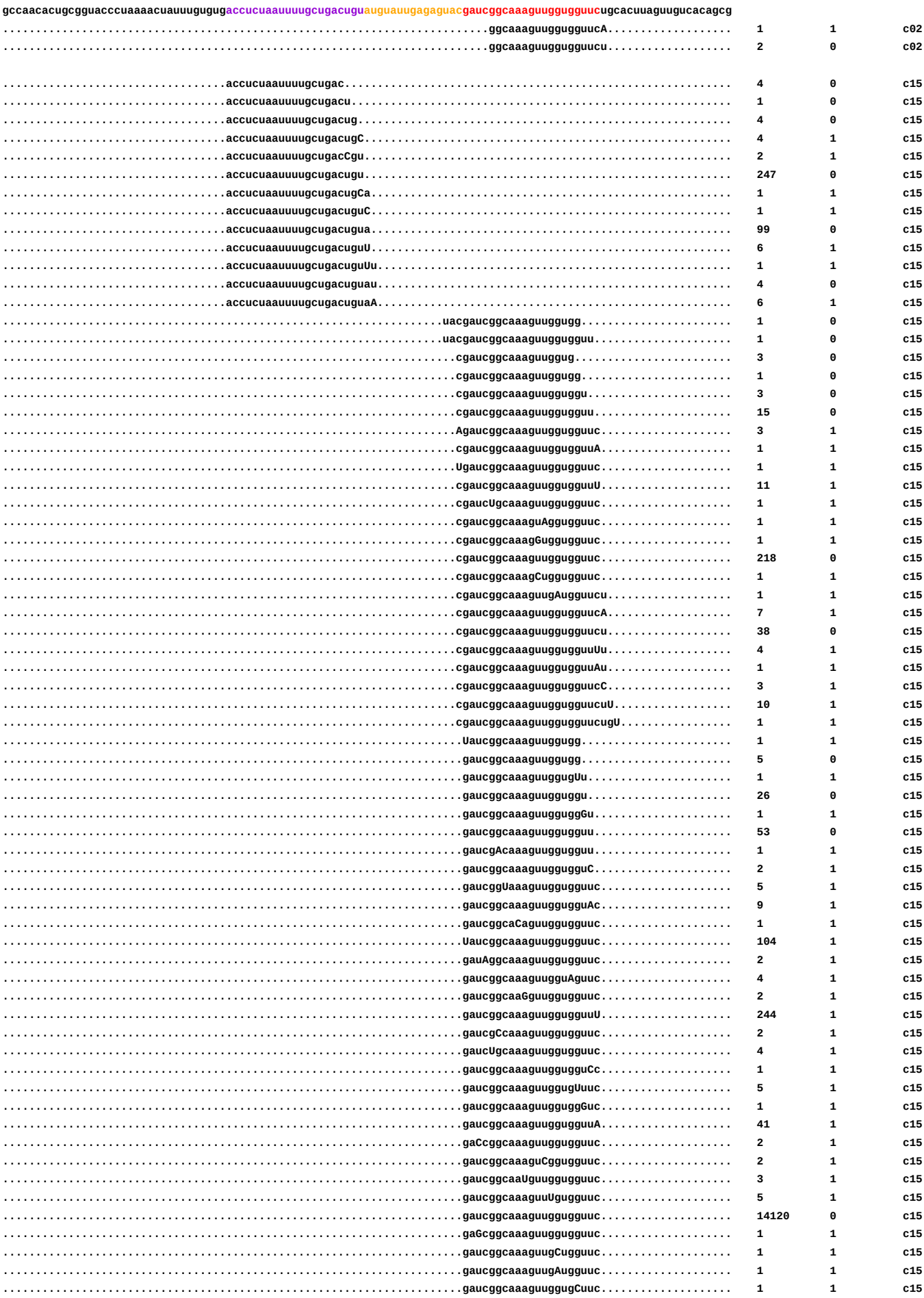
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.....ggcaaaguuggugguucu.....
.....accucuaauuuugcugac.....
.....accucuaauuuugcugacu.....
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Star Mature

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.....gaucAgcaaaguuggugguuc.....	7	1	c15
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Star
Mature
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Score for read counts	:	1310256.8
Score for mfe	:	1.1
Score for randfold	:	1.6
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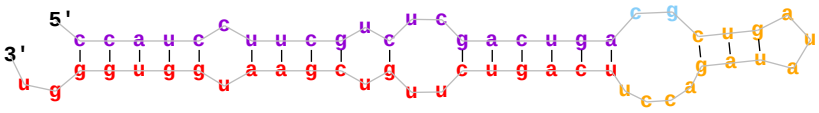

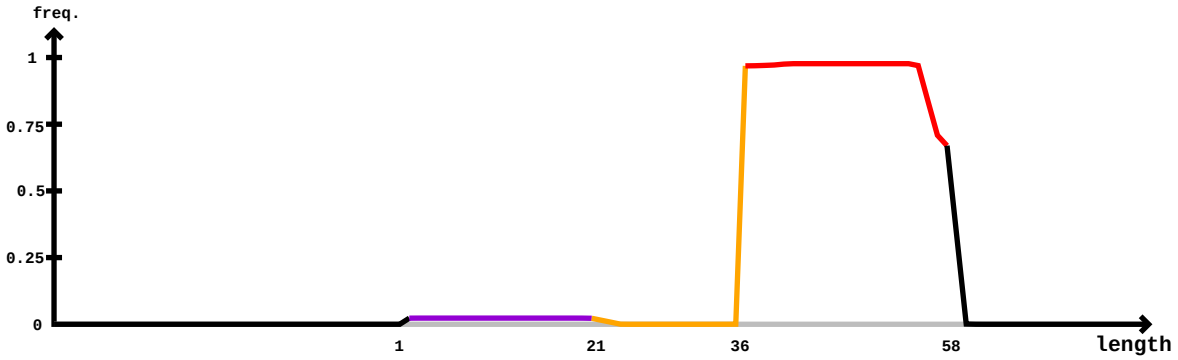

Star **Mature**

```
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    uccagaagcauccagaaaauauucacuugucucgccccauccuucgucucgacugacgcugauauagaccuucagucuugucgaaugggugggucggaccuguguacuaucauc        exp
    ......................(((..((((.(((((((.((((.(..(((((((..(((...))))....)))))))..).))))..)))))))..))))..)))..........  reads     mm      sample
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    ................aaaauauucacuugucucgc.....................................................................................  6         0       c15
    ................aaauauucacuugucucgc.....................................................................................  1         0       c15
    ..................................cccauccuucgucucgacugacgU...............................................................  1         1       c15
    ..................................ccauccuucgucucgacu.....................................................................  2         0       c15
    ..................................ccauccuucgucucgacug....................................................................  1         0       c15
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    ..................................ccauccuucguUucgacuga...................................................................  1         1       c15
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    ..................................ccaucUuucgucucgacugac..................................................................  2         1       c15
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```

Star Mature

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Star Mature

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.....ucagucuugucgaaugguggguAgg.....	11	1	c09
.....ucagucuugucCaauggugggucgg.....	1	1	c09
.....ucagucuugucgaauggugggucgA.....	7	1	c09
.....ucagucuugucgaauggugggucgg.....	15	0	c09
.....ucagucuugucgaaugguggguGgg.....	20	1	c09
.....ucagucuugucgaauggugggucggU.....	2	1	c09
.....ucagucuugucgaauggugggucgAa.....	1	1	c09
.....ucagucuugucgaaugguggguGgga.....	8	1	c09
.....ucagucuugucgaauggugggucggG.....	2	1	c09
.....ucagucuugucgaaugguggguUgga.....	2	1	c09
.....ucagucuugucgaaugguggguAgga.....	1	1	c09
.....ucagucuugucgaauggugggucgAac.....	1	1	c09
.....ucagucuugucgaauggugggucggaA.....	1	1	c09
.....ucagucuugucgaauggugggucggac.....	1	0	c09
.....ucagucuugucgaaugguggguAggac.....	1	1	c09
.....ucagucuugucgaauggugggucggCc.....	2	1	c09

Star Mature

uccagaagcauccagaaaauauucacuugucucgccccauccuucgucucgacugacgcugauauagaccuucagucuugucgaauggugggucggaccuguguacuaucauc

.....ucagucuugucgaaugguggguGggac.....	2	1	c09
.....Gcagucuugucgaauggugggucggac.....	1	1	c09
.....ucagucuugucgaauggugggucggGc.....	3	1	c09
.....cUgucuugucgaauggug.....	4	1	c09
.....cagucuugucgaauggug.....	5	0	c09
.....Gagucuugucgaauggugg.....	1	1	c09
.....Aagucuugucgaauggugg.....	3	1	c09
.....cagucuugucgaauggugg.....	23	0	c09
.....cGgucuugucgaauggugg.....	1	1	c09
.....cUgucuugucgaaugguggg.....	1	1	c09
.....cagucuugucgaaugguggU.....	1	1	c09
.....Gagucuugucgaaugguggg.....	1	1	c09
.....cagucuugucgaaugguggg.....	17	0	c09
.....cagucuugucgaaugguggguu.....	177	0	c09
.....Aagucuugucgaaugguggguu.....	2	1	c09
.....cUgucuugucgaaugguggguu.....	1	1	c09
.....cagucAugucgaaugguggguu.....	1	1	c09
.....Gagucuugucgaaugguggguu.....	4	1	c09
.....cagucuugCcgaaugguggguu.....	1	1	c09
.....Uagucuugucgaaugguggguu.....	6	1	c09
.....cCgucuugucgaaugguggguu.....	3	1	c09
.....cagucuugucgaaugCugggu.....	1	1	c09
.....cagucuugucgaaugguggguU.....	12	1	c09
.....cagucuugucgaaugguggguA.....	4	1	c09
.....cagucuugucgaaugguggguG.....	1	1	c09
.....cagucuugucgaauggugggucU.....	1	1	c09
.....Ugucuugucgaauggugg.....	2	1	c09
.....agucuugucgaauggugg.....	66	0	c09
.....aCucuugucgaauggugg.....	1	1	c09
.....agucAugucgaauggugg.....	1	1	c09
.....aUucuugucgaauggugg.....	2	1	c09
.....Cgucuugucgaauggugg.....	1	1	c09
.....Ggucuugucgaauggugg.....	2	1	c09
.....agucuugucgaaugguggg.....	31	0	c09
.....Ggucuugucgaaugguggg.....	2	1	c09
.....agucuugucgaauggugCg.....	1	1	c09
.....aUucuugucgaaugguggg.....	1	1	c09
.....agucuCgucgaaugguggguu.....	1	1	c09
.....agCcuugucgaaugguggguu.....	2	1	c09
.....agGcuugucgaaugguggguu.....	1	1	c09
.....aguUuugucgaaugguggguu.....	1	1	c09
.....agucuuguAgaaugguggguu.....	1	1	c09
.....aguAuugucgaaugguggguu.....	2	1	c09
.....agucuugucgaaugCugggu.....	1	1	c09
.....agucuuAucgaaugguggguu.....	1	1	c09
.....Ggucuugucgaaugguggguu.....	5	1	c09
.....aCucuugucgaaugguggguu.....	6	1	c09
.....agucuugucgaGugguggguu.....	1	1	c09
.....agucuugucgaaugguggUu.....	1	1	c09
.....agucuugucgaauggGgggu.....	1	1	c09
.....aAucuugucgaaugguggguu.....	4	1	c09
.....aUucuugucgaaugguggguu.....	7	1	c09
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.....Ugucuugucgaaugguggguu.....	1	1	c09
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.....Cgucuugucgaaugguggguu.....	19	1	c09
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.....agucuugucgaaugguggguA.....	5	1	c09
.....agucuugucgaaugguggguU.....	35	1	c09
.....agucuugucgaaugguggguG.....	1	1	c09
.....agucuugucgaauggugggucU.....	1	1	c09
.....agucuugucgaaugguggguGg.....	1	1	c09
.....gucuugucgaaugguggA.....	4	1	c09
.....gucuugucgaaugguggg.....	140	0	c09
.....gucuugucgaaugguggC.....	1	1	c09
.....gucuugucgaaugguggU.....	9	1	c09
.....Cucuugucgaaugguggg.....	1	1	c09
.....gucuugucCaaugguggguu.....	1	1	c09

Star Mature

uccagaagcauccagaaaauauucacuugucucgccccauccuucgucucgacugacgcugauauagaccuucagucuugucgaauggugggucggaccuguguacuaucauc

.....gucuugCcgaaugguggguc.....	1	1	c09
.....gucuugucgaaugguggguc.....	1968	0	c09
.....Uucuugucgaaugguggguc.....	6	1	c09
.....gucuugucgaaugguCggu.....	4	1	c09
.....gucuugucgaaugguggguA.....	1	1	c09
.....gucuugucgaaugguguCgu.....	2	1	c09
.....gucuugucgaaGgguggguc.....	1	1	c09
.....gucuugucgaaugguUggu.....	2	1	c09
.....gucuuAucgaaugguggguc.....	1	1	c09
.....gucuuguUgaaugguggguc.....	1	1	c09
.....gGcuugucgaaugguggguc.....	3	1	c09
.....gAcuugucgaaugguggguc.....	3	1	c09
.....gucuugucgaaugguUgu.....	2	1	c09
.....gucuugucgaauggCgggu.....	1	1	c09
.....gucuuguGgaaugguggguc.....	1	1	c09
.....guUuugucgaaugguggguc.....	3	1	c09
.....gucuugucgaaugguguCu.....	3	1	c09
.....Cucuugucgaaugguggguc.....	19	1	c09
.....gucuugucgaaugguguAu.....	1	1	c09
.....gucuugucgaaugguggGu.....	1	1	c09
.....gucuugucgaauCgugggu.....	1	1	c09
.....gucGugucgaaugguggguc.....	1	1	c09
.....gucuugucgaaugguggC.....	1	1	c09
.....gucuugucgaauggAgggu.....	1	1	c09
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.....gucuugucgaaugguguUu.....	1	1	c09
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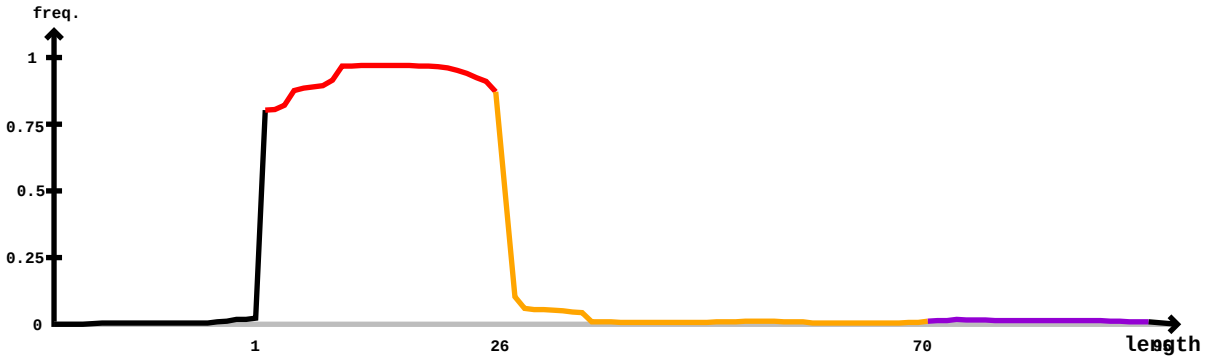
.....guAuugucgaaugguggguc.....	1	1	c09
.....gucuugucgGaugguggguc.....	1	1	c09
.....gCcuugucgaaugguggguc.....	12	1	c09
.....gucuugucgaaugUuggguc.....	2	1	c09
.....gucuuCucgaaugguggguc.....	3	1	c09
.....gucuugucgaauggugAgu.....	1	1	c09
.....gucuugucgaaugguggguA.....	30	1	c09
.....gucuugucgaaugguggguG.....	9	1	c09
.....gucuugucgaaugguggguc.....	11	0	c09
.....gucuugucgaaugguggAc.....	1	1	c09
.....gucuugucgaaugguggguU.....	135	1	c09
.....gucuugucgaaugguggGc.....	1	1	c09
.....gucuugucgaaugguggucg.....	1	0	c09
.....gucuugucgaaugguggguGg.....	3	1	c09
.....gucuugucgaaugguggguUg.....	1	1	c09
.....gucuugucgaaugguggucgC.....	1	1	c09
.....Gcuugucgaaugguggguc.....	205	1	c09
.....ucuuUucgaaugguggguc.....	1	1	c09
.....ucuugucgaauUguggguc.....	1	1	c09
.....uUuugucgaaugguggguc.....	8	1	c09
.....ucCugucgaaugguggguc.....	2	1	c09
.....ucuugCcgaaugguggguc.....	1	1	c09
.....ucuugucgaaugguggAu.....	1	1	c09
.....ucuugucgaaAgguggguc.....	1	1	c09
.....ucuugucgaaCgguggguc.....	1	1	c09
.....ucuAgucgaaugguggguc.....	2	1	c09
.....Acuugucgaaugguggguc.....	12	1	c09
.....ucuugucgaaugCugggu.....	5	1	c09
.....ucuugucgaaugguCggu.....	4	1	c09
.....ucuuguGgaaugguggguc.....	1	1	c09
.....uGuugucgaaugguggguc.....	2	1	c09
.....ucuugucgaaugguguCgu.....	5	1	c09
.....ucuugucgaaugguguUu.....	3	1	c09
.....ucuugucgaauggAgggu.....	2	1	c09
.....ucuugucgaauCgugggu.....	3	1	c09
.....ucuugucgaaugguggguc.....	3038	0	c09
.....ucuugucAaaugguggguc.....	2	1	c09
.....ucuugucgaaugUuggguc.....	1	1	c09
.....ucuugucgaaugguggCu.....	4	1	c09
.....ucuugucCaaugguggguc.....	1	1	c09

Star Mature

uccagaagcauccagaaaauauucacuugucucgccccauccuucgucucgacugacgcugauauagaccuucagucuuugucgaauggugggucggaccuguguacuaucauc

.....ucuugucgaGuggugggu.....	1	1	c09
.....Ccuugucgaauggugggu.....	13	1	c09
.....ucuugucgaaugAugggu.....	1	1	c09
.....ucuuAucgaaugguggggu.....	1	1	c09
.....ucuuguUgaaugguggggu.....	1	1	c09
.....ucuugucgaaugguggggA.....	2	1	c09
.....ucuugAcgaaugguggggu.....	2	1	c09
.....ucGugucgaaugguggggu.....	1	1	c09
.....ucuuCucgaaugguggggu.....	2	1	c09
.....ucuCgucgaaugguggggu.....	1	1	c09
.....ucuugucgaaugguggggC.....	1	1	c09
.....ucAugucgaaugguggggu.....	1	1	c09
.....ucuugucgaaugguggggGc.....	2	1	c09
.....ucuugucgaauggugggguU.....	173	1	c09
.....ucuugucgaaugguggguc.....	11	0	c09
.....ucuugucgaaugguggguG.....	14	1	c09
.....ucuugucgaaugguggguA.....	47	1	c09
.....ucuugucgaaugguggguGg.....	1	1	c09
.....ucuugucgaaugguggguAg.....	3	1	c09
.....ucuugucgaauggugggucU.....	2	1	c09
.....ucuugucgaaugguggguUg.....	2	1	c09
.....ucuugucgaaugguggguGgg.....	2	1	c09
.....cuugucgaaugguggguc.....	56	0	c09
.....cuugucgaaugguggguU.....	1162	1	c09
.....cuugucgaaugguggguG.....	63	1	c09
.....cuugucgaaugguggguA.....	274	1	c09
.....cuugucgaaugguggggGc.....	4	1	c09
.....cuugucgaaugguggggAc.....	1	1	c09
.....cuugucgaaugCuggguc.....	1	1	c09
.....cuugAcgaauggugggucg.....	1	1	c09
.....cuugucgaauggugggucg.....	1	0	c09
.....cuugucgaaugguggguGg.....	12	1	c09
.....cuugucgaaugguggguAg.....	5	1	c09
.....cuugucgaauggugggucA.....	4	1	c09
.....cuugucgaauggugggucU.....	7	1	c09
.....cuugucgaauggugggucC.....	4	1	c09
.....cuugucgaaugguggguUg.....	11	1	c09
.....cuugucgaaugguggguGgg.....	1	1	c09
.....cuugucgaaugguggguAgg.....	1	1	c09
.....cuugucgaauggugggucAg.....	1	1	c09
.....cuugucgaaugguggguUgg.....	3	1	c09
.....cuugucgaaugguggggucggG.....	1	1	c09
.....cuugucgaaugguggggucggGc.....	1	1	c09
.....uugucgaaugguggggucA.....	1	1	c09
.....uugucgaaugguggguUg.....	1	1	c09
.....uugucgaaugguggggucC.....	2	1	c09
.....uugucgaaugguggguGg.....	1	1	c09
.....uugucgaaugguggguAg.....	1	1	c09
.....uugucgaaugguggguGgg.....	1	1	c09

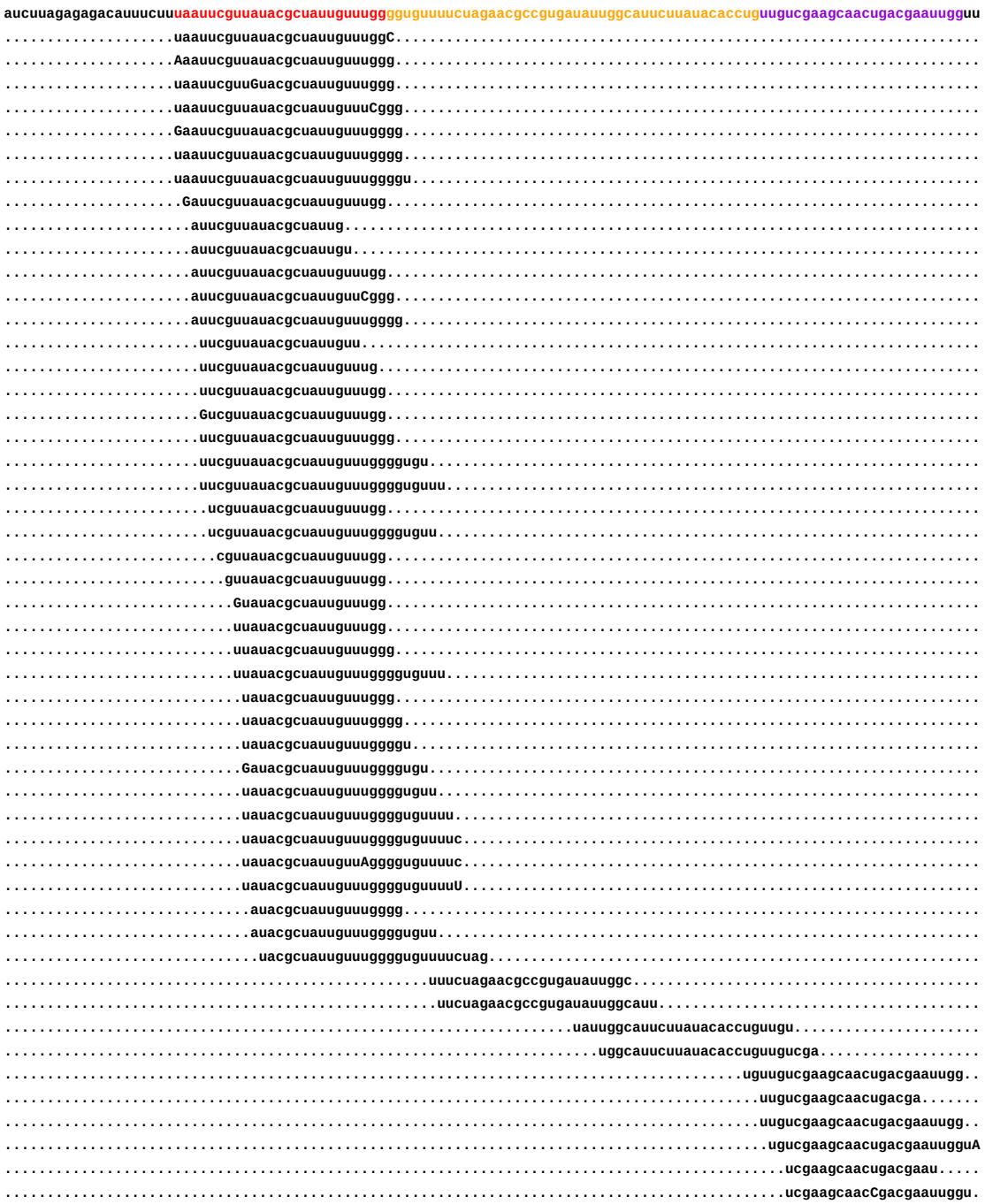
Provisional ID	:	group27_34852
Score total	:	205.8
Score for star read(s)	:	3.9
Score for read counts	:	200
Score for mfe	:	1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	404
Mature read count	:	395
Loop read count	:	4
Star read count	:	5



Mature **Star**

```
5'- aucuuagagagacauuucuuuaauucguuauacgcuauuguuugggguguuuucuagaacgccgugauauuggcauucuuauacaccuguugucgaagcaacugacgaauugguu  -3'    obs
    aucuuagagagacauuucuuuaauucguuauacgcuauuguuugggguguuuucuagaacgccgugauauuggcauucuuauacaccuguugucgaagcaacugacgaauugguu        exp
    .....((((((....))))))(((((((((((...(((.(((....((((((.....((((.((((......)))).))))...)))))).....)))))).)))))))))..  reads     mm        sample
    ..cuuagagagacauuucuuuaauucguu.....................................................................................  1         0         c15
    ..............uucuuuaauucguuauacgcuauuguuu.....................................................................................  1         0         c15

    ...uuagagagacauuucuuuaauucguu.....................................................................................  1         0         c04
    ..............uucuuuaauucguuauacgcuauuguu.....................................................................................  1         0         c04
    ..............ucuuCaauucguuauacgcu.....................................................................................  1         1         c04
    ..............cuuuaauucguuauacgcuauug.....................................................................................  1         0         c04
    ..............cCuuaauucguuauacgcuauuguuu.....................................................................................  1         1         c04
    ..............cuuuaauucguuauacgcuauuguuugg.....................................................................................  1         0         c04
    ................Guaauucguuauacgcuauuguuug.....................................................................................  1         1         c04
    ................uuaauucguuauacgcuauuguuugg.....................................................................................  1         0         c04
    ................uaauucguuauacgcuau.....................................................................................  1         0         c04
    ................uaauucguuauacgcuauu.....................................................................................  1         0         c04
    ................Gaauucguuauacgcuauu.....................................................................................  1         1         c04
    ................uaauucguuauacgcuauug.....................................................................................  2         0         c04
    ................Gaauucguuauacgcuauugu.....................................................................................  1         1         c04
    ................uaauucguuauacgcuauugu.....................................................................................  3         0         c04
    ................uaauucguuauacgcuauuguu.....................................................................................  4         0         c04
    ................Aaauucguuauacgcuauuguu.....................................................................................  1         1         c04
    ................Gaauucguuauacgcuauuguuu.....................................................................................  1         1         c04
    ................uaauucguuauacgcuauuguuu.....................................................................................  3         0         c04
    ................uaauucguuauacgcuauuguuug.....................................................................................  13        0         c04
    ................Gaauucguuauacgcuauuguuug.....................................................................................  1         1         c04
    ................uaauucguuauacgcuauAguuug.....................................................................................  1         1         c04
    ................Aaauucguuauacgcuauuguuugg.....................................................................................  1         1         c04
    ................uaauucguuauacgcuauAguuugg.....................................................................................  1         1         c04
    ................uaauucguuauacgcuauuguuugg.....................................................................................  212       0         c04
    ................uaauuAguuauacgcuauuguuugg.....................................................................................  1         1         c04
    ................uaauucguuauacgcuauuCuuugg.....................................................................................  1         1         c04
    ................Gaauucguuauacgcuauuguuugg.....................................................................................  17        1         c04
    ................uaauucguuauacgcuauuguuuggg.....................................................................................  49        0         c04
    ................Gaauucguuauacgcuauuguuuggg.....................................................................................  3         1         c04
    ................uaauucguuauacgAuauuguuuggg.....................................................................................  1         1         c04
```


Mature
Star
aucuuagagagacauuucuuuaauucguuauacgcuauuguuuggggguguuuucuagaacgccgugauauuggcauucuuauacaccuguugucgaagcaacugacgaauugguu
.....uaauucguuauacgcuauuguuuggC..... 3 1 c04
.....Aaauucguuauacgcuauuguuuggg..... 1 1 c04
.....uaauucguuGuacgcuauuguuuggg..... 1 1 c04
.....uaauucguuauacgcuauuguuuCggg..... 1 1 c04
.....Gaauucguuauacgcuauuguuuggggg..... 1 1 c04
.....uaauucguuauacgcuauuguuuggggg..... 13 0 c04
.....uaauucguuauacgcuauuguuugggggu..... 1 0 c04
.....Gauucguuauacgcuauuguuuugg..... 1 1 c04
.....auucguuauacgcuauug..... 1 0 c04
.....auucguuauacgcuauugu..... 1 0 c04
.....auucguuauacgcuauuguuuugg..... 2 0 c04
.....auucguuauacgcuauuguuCggg..... 1 1 c04
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.....uucguuauacgcuauuguu..... 1 0 c04
.....uucguuauacgcuauuguuuug..... 1 0 c04
.....uucguuauacgcuauuguuuugg..... 14 0 c04
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.....uucguuauacgcuauuguuuggg..... 5 0 c04
.....uucguuauacgcuauuguuuggggugu..... 1 0 c04
.....uucguuauacgcuauuguuugggguguuu..... 1 0 c04
.....ucguuauacgcuauuguuugg..... 3 0 c04
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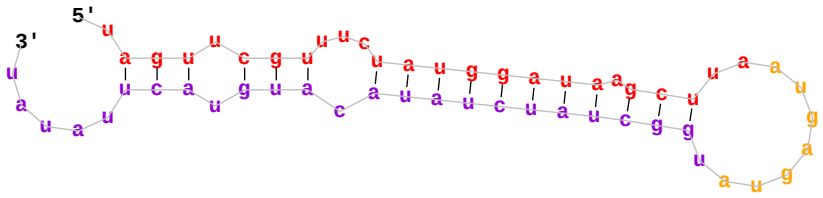
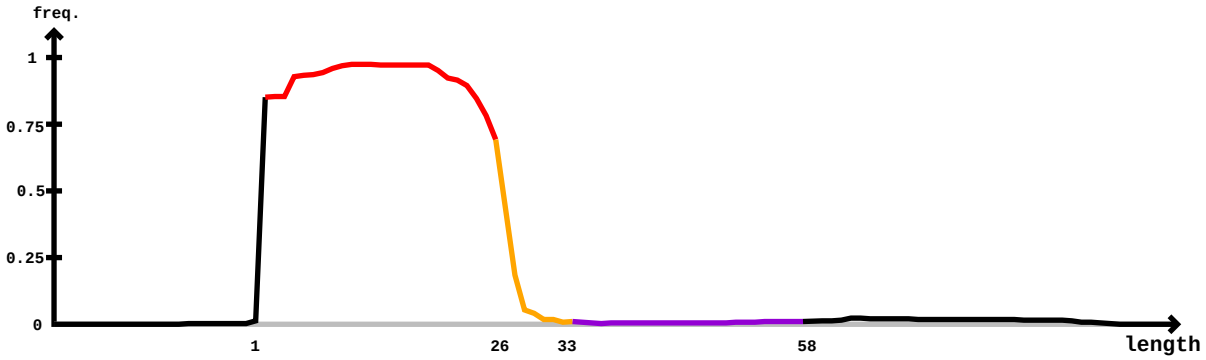
.....guuauacgcuauuguuugg..... 2 0 c04
.....Guauacgcuauuguuugg..... 1 1 c04
.....uuauacgcuauuguuugg..... 6 0 c04
.....uuauacgcuauuguuuggg..... 1 0 c04
.....uuauacgcuauuguuugggguguuu..... 1 0 c04
.....uauacgcuauuguuuggg..... 3 0 c04
.....uauacgcuauuguuugggg..... 1 0 c04
.....uauacgcuauuguuuggggu..... 1 0 c04
.....Gauacgcuauuguuuggggugu..... 1 1 c04
.....uauacgcuauuguuuggggugu..... 1 0 c04
.....uauacgcuauuguuugggguguuu..... 1 0 c04
.....uauacgcuauuguuugggguguuuuc..... 13 0 c04
.....uauacgcuauuguuAgggguguuuuc..... 1 1 c04
.....uauacgcuauuguuugggguguuuuU..... 1 1 c04
.....auacgcuauuguuuggggg..... 1 0 c04
.....auacgcuauuguuuggggugu..... 1 0 c04
.....uacgcuauuguuugggguguuuucuag..... 1 0 c04
.....uuucuagaacgccgugauauuggc..... 1 0 c04
.....uucuagaacgccgugauauuggcauu..... 2 0 c04
.....uauuggcauucuuauacaccuguugu..... 1 0 c04
.....uggcauucuuauacaccuguugucga..... 1 0 c04
.....uguugucgaagcaacugacgaauugg.. 1 0 c04
.....uugucgaagcaacugacga..... 1 0 c04
.....uugucgaagcaacugacgaauugg.. 1 0 c04
.....ugucgaagcaacugacgaauugguA 1 1 c04
.....ucgaagcaacugacgaau..... 1 0 c04
.....ucgaagcaacCgacgaauuggu. 1 1 c04

Provisional ID	:	group27_34948
Score total	:	164.9
Score for star read(s)	:	3.9
Score for read counts	:	184.2
Score for mfe	:	-20.2
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	373
Mature read count	:	372
Loop read count	:	0
Star read count	:	1





Mature **Star**

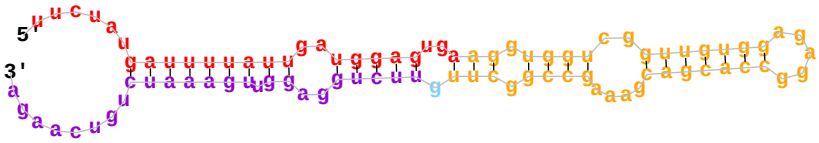
```
5'- uguccaaauaguuuaauaauuaguucguuucuauggauaagcuuaaugaguauggcuaucuauacauguacuuauaucuaauacaguccaauaaaaacuauguugaaguuaguug -3'   obs
    uguccaaauaguuuaauaauuaguucguuucuauggauaagcuuaaugaguauggcuaucuauacauguacuuauaucuaauacaguccaauaaaaacuauguugaaguuaguug       exp
    ....((((((((((.......(((.(((...(((((((((.(((..........)))))))))))).)))..)))..........................)))))))..)))..... reads     mm      sample
    ............uuaauaauuaUuucguuucu.................................................................................... 1         1       c04
    ..................uuaguucguuucuauggauaagcu.......................................................................... 2         0       c04
    ..................uuaguucguuucuauggauaagcuu......................................................................... 1         0       c04
    ..................uuaguucguuucuauggauaagcuua........................................................................ 1         0       c04
    ..................uaguucguuucuauggau................................................................................ 8         0       c04
    ..................uaguucguuucuauggauC............................................................................... 1         1       c04
    ..................uaguucguuucuauggaua............................................................................... 10        0       c04
    ..................uaguucguuucuauggauaa.............................................................................. 2         0       c04
    ..................uaguucguuucuauggauaC.............................................................................. 1         1       c04
    ..................uaguucguuucuauggauaag............................................................................. 7         0       c04
    ..................Gaguucguuucuauggauaagc............................................................................ 1         1       c04
    ..................uaguucguuucuaugCauaagc............................................................................ 1         1       c04
    ..................uaguucguuucuauggauaagc............................................................................ 16        0       c04
    ..................uaguucguuucuaAggauaagcu........................................................................... 1         1       c04
    ..................Gaguucguuucuauggauaagcu........................................................................... 3         1       c04
    ..................uaguucguuucuauggauaagcu............................................................................ 18        0       c04
    ..................uaguucguuucuauggauaagcuG.......................................................................... 1         1       c04
    ..................uaguucguuucuauggauaagcuu........................................................................... 30        0       c04
    ..................Gaguucguuucuauggauaagcuu........................................................................... 1         1       c04
    ..................uaguuAguuucuauggauaagcuu........................................................................... 1         1       c04
    ..................Aaguucguuucuauggauaagcuua.......................................................................... 1         1       c04
    ..................Gaguucguuucuauggauaagcuua.......................................................................... 5         1       c04
    ..................uaguucguuucuauggauaagcuAa.......................................................................... 1         1       c04
    ..................uaguucguuucuauggauaagcuua.......................................................................... 101       0       c04
    ..................uaguucguuuAuauggauaagcuua.......................................................................... 1         1       c04
    ..................uaguucguuucuauggUuaagcuua.......................................................................... 1         1       c04
    ..................Gaguucguuucuauggauaagcuuaa......................................................................... 9         1       c04
    ..................uaguucguuucuaugUauaagcuuaa......................................................................... 1         1       c04
    ..................uaguucguuuAuauggauaagcuuaa......................................................................... 1         1       c04
    ..................uaguucguuucuauggauaagcuuaa......................................................................... 58        0       c04
    ..................Aaguucguuucuauggauaagcuuaa......................................................................... 1         1       c04
    ..................Gaguucguuucuauggauaagcuuaau........................................................................ 1         1       c04
    ..................uaguucguuucuauggauaagcuuaaG........................................................................ 1         1       c04
```

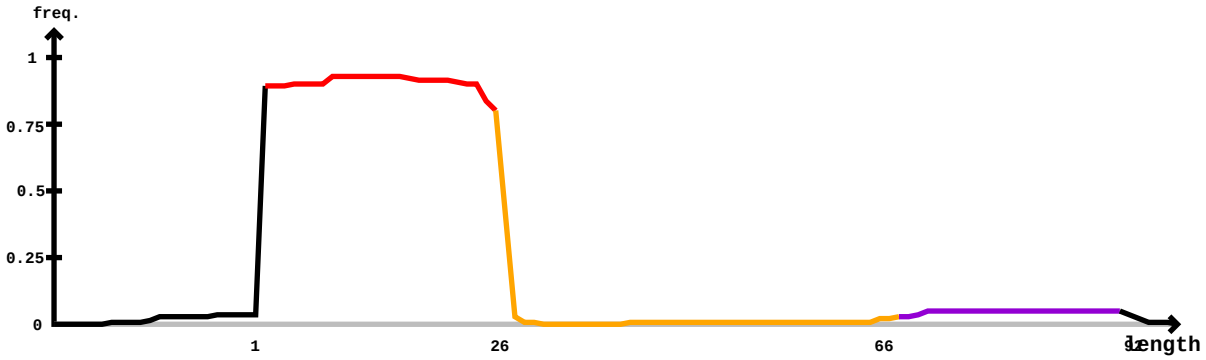
Mature Star

uguccaaauaguuuaauaauuaguucguuucuauggauaagcuuaaugaguauggcuaucuauacauguacuuauaucuaauacaguccaauaaaaacuauguugaaguuaguug

..................uaguucguuucuauggauaagcuuaau.....	40	0	c04
..................uaguucguuucuauggauaagcuuaaC.....	1	1	c04
..................uaguucguuucuauggauaagcuuaaug.....	2	0	c04
..................aguucguuucuauggauaagcu.....	1	0	c04
....................uucguuucuauggauaag.....	1	0	c04
....................uucguuucuauggauaagc.....	1	0	c04
....................uucguuucuauggauaagcuu.....	1	0	c04
....................uucguuucuauggauaagcuua.....	7	0	c04
....................Gucguuucuauggauaagcuua.....	1	1	c04
....................Gucguuucuauggauaagcuuaa.....	1	1	c04
....................uucguuucuauggauaagcuuaa.....	1	0	c04
....................uucguuucuauggauaagcuuaau.....	4	0	c04
....................uucguuucuauggauaagcuuaaug.....	1	0	c04
....................uucguuucuauggauaagcuuaauga.....	9	0	c04
....................uucguuucuauggauaagcuuaaugagu.....	2	0	c04
....................ucguuucuauggauaagcuuaau.....	1	0	c04
....................ucguuucuauggauaagcuuaaugagu.....	1	0	c04
....................cguuucuauggauaagcuuaa.....	1	0	c04
....................guuucuauggauaagcuua.....	2	0	c04
....................guuucuauggauaagcuuaa.....	1	0	c04
....................Guucuauggauaagcuua.....	1	1	c04
....................uuucuauggauaagcuua.....	1	0	c04
....................uuucuauggauaagcuuaau.....	2	0	c04
....................uuucuauggauaagcuuaaug.....	2	0	c04
....................uucuauggauaagcuuaa.....	1	0	c04
....................Gucuauggauaagcuuaaugagu.....	1	1	c04
....................uucuauggauaagcuuaaugaguau.....	1	0	c04
....................uucuauggauaagcuuaaugaguaug.....	1	0	c04
....................ucuauggauaagcuuaau.....	1	0	c04
....................ucuauggauaagcuuaaugaguaugg.....	1	0	c04
..........uggcuaucuauacauguacuuauau.....	1	0	c04
..........uaucuauacauguacuuauaucuaaua.....	1	0	c04
..........acuuauaucuaauacaguc.....	1	0	c04
..........uauaucuaauacaguccaauaaaaacu.....	1	0	c04
..........uaauacaguccaauaaaaacuauguu.....	1	0	c04
..........uaauacaguccaauaaaaacuauguug.....	1	0	c04
..........auacaguccaauaaaaacuauguug.....	1	0	c04
..........uacaguccaauaaaaacuauguugaa.....	1	0	c04
..........uacaguccaauaaaaacuauguugaaA.....	1	1	c04
..........uacaguccaauaaaaacuauguugaagu.....	1	0	c04

Provisional ID	:	group27_35152
Score total	:	64.6
Score for star read(s)	:	3.9
Score for read counts	:	63.3
Score for mfe	:	0.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	136
Mature read count	:	128
Loop read count	:	1
Star read count	:	7





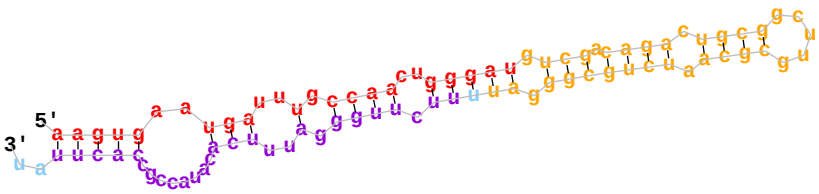
Mature **Star**

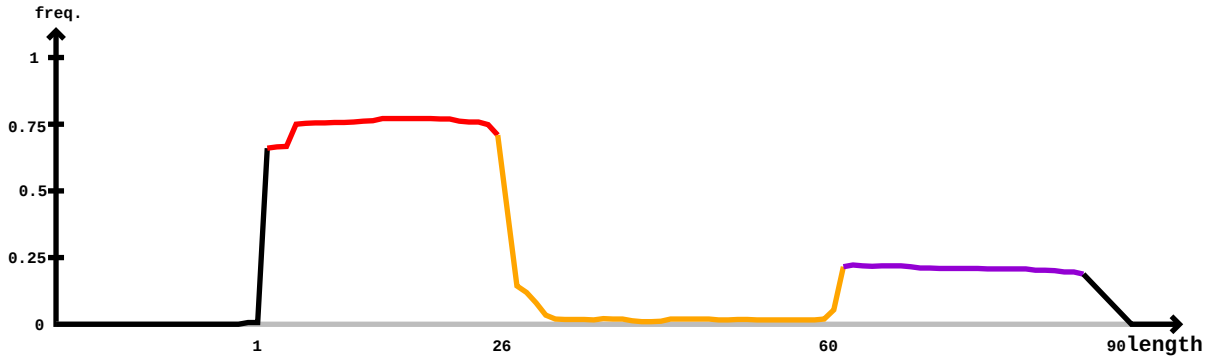
```
5'- agccgauauucuguauguuuuucuaugauuuuauugauggaguga agguggucgguuguggagaggccacgacgaaagccggcuug uucuggagguugaaaucugucaagaggcg  -3'   obs
    agccgauauucuguauguuuuucuaugauuuuauugauggaguga agguggucgguuguggagaggccacgacgaaagccggcuu guucuggagguugaaaucugucaagaggcg        exp
    .(((((((.....))))).....(((((((((..(((((..(((.((((..(((((((.....)))))))....)))).))).))))))..)).)))))))........))).   reads     mm     sample
    ..........................................................................................cuggagguugaaaucugucaag.....   1         0      c15

    ........uucuguauguuuuucuaugauuuuauu.....................................................................................   1         0      c04
    .........ucuguauguuuuucuaug............................................................................................   1         0      c04
    .........ucuguauguuuuucuaugauuuuauug....................................................................................   1         0      c04
    ..............uguuuuucuaugauuuuauugaugga................................................................................   1         0      c04
    ....................uucuaugauuuuauugaugg.................................................................................   1         0      c04
    ....................uucuaugauuuuauugauggagu...............................................................................   8         0      c04
    ....................Aucuaugauuuuauugauggagu...............................................................................   1         1      c04
    ....................uuAuaugauuuuauugauggagug..............................................................................   1         1      c04
    ....................uucuaugauuuuauugauggagug...............................................................................   4         0      c04
    ....................uucuaugauuuuauugauggaguga..............................................................................   55        0      c04
    ....................Gucuaugauuuuauugauggaguga..............................................................................   4         1      c04
    ....................uucuaugauuuuauugauggagugU..............................................................................   1         1      c04
    ....................uucuaugauuuuauugauggagugaa.............................................................................   36        0      c04
    ....................Gucuaugauuuuauugauggagugaa.............................................................................   5         1      c04
    ....................uucuaugauuuCauugauggagugaa.............................................................................   1         1      c04
    ....................uucGaugauuuuauugauggagugaa.............................................................................   1         1      c04
    ....................uucuaugauuuuauugauggagugaaA............................................................................   1         1      c04
    ....................uucuaugauuuuauugauggagugaag............................................................................   2         0      c04
    ......................uaugauuuuauugauggagugaaggu............................................................................   1         0      c04
    ........................auuuuauugauggaguga...................................................................................   3         0      c04
    ........................auuuuauugauggagugaa..................................................................................   2         0      c04
    ........................uuuuauugauggagugaa...................................................................................   1         0      c04
    ..........................................................................................uucuggagguugaaaucugucaaga....   2         0      c04
    ..........................................................................................uggagguugaaaucugucaag.....   1         0      c04
    ..........................................................................................uggagguugaaaucugucaagaggcg   1         0      c04

    ....gauauucuguauguuuuucuauga............................................................................................   1         0      c16
    ..........................................................uggagaggccacgacgaaagccggcuuU..................................   1         1      c16
    ..................................................................................Gguucuggagguugaaaucugucaag.....   1         1      c16
    ..................................................................................uguucuggagguugaaaucugucaaga....   1         0      c16
```

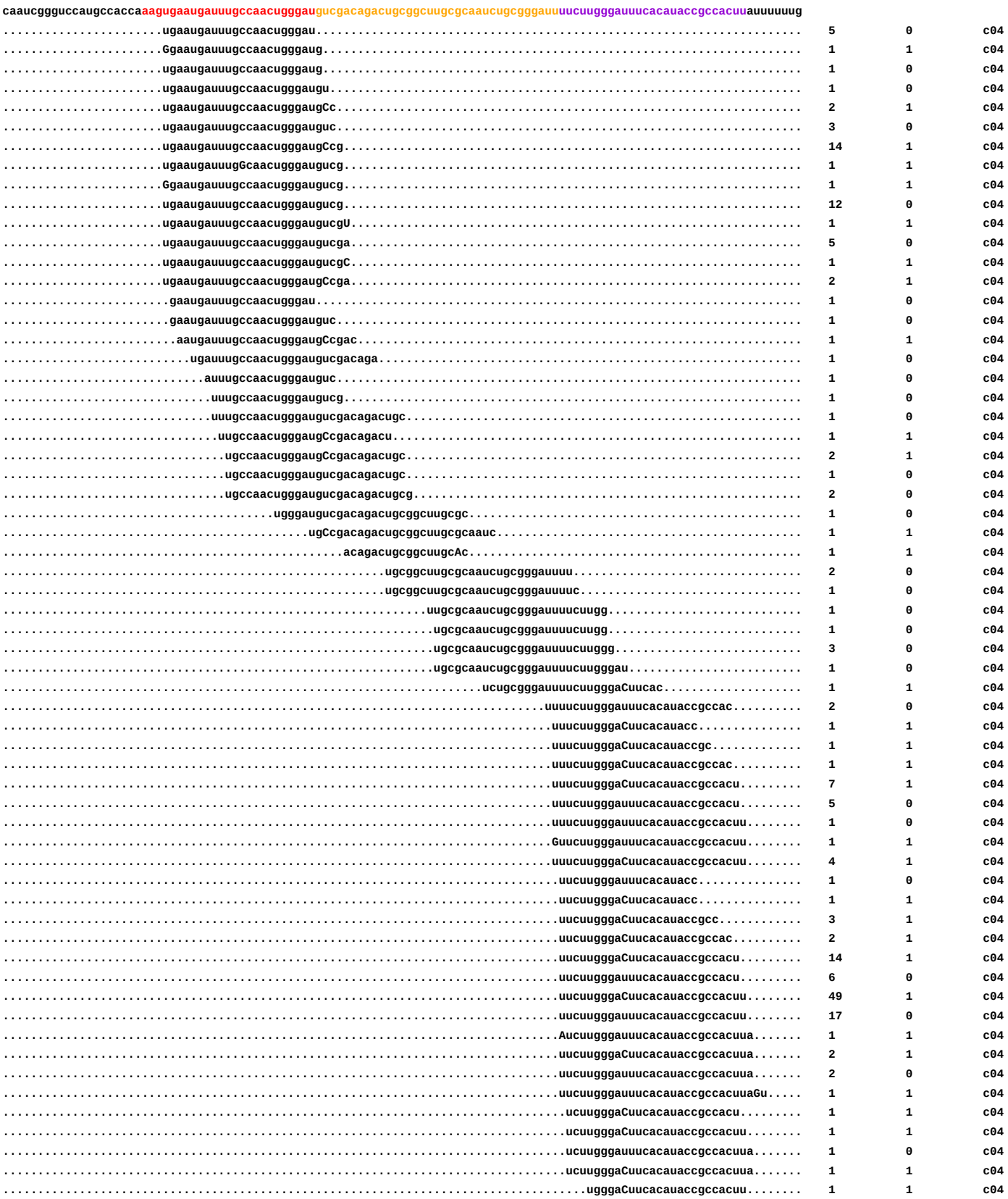
Provisional ID	:	group27_35402
Score total	:	298.3
Score for star read(s)	:	3.9
Score for read counts	:	297.4
Score for mfe	:	-0.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	595
Mature read count	:	463
Loop read count	:	5
Star read count	:	127



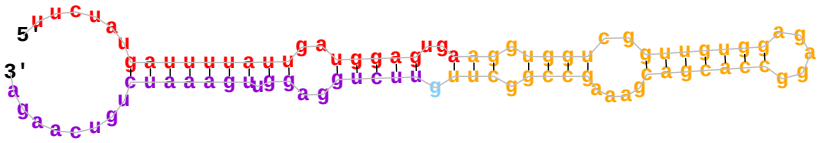


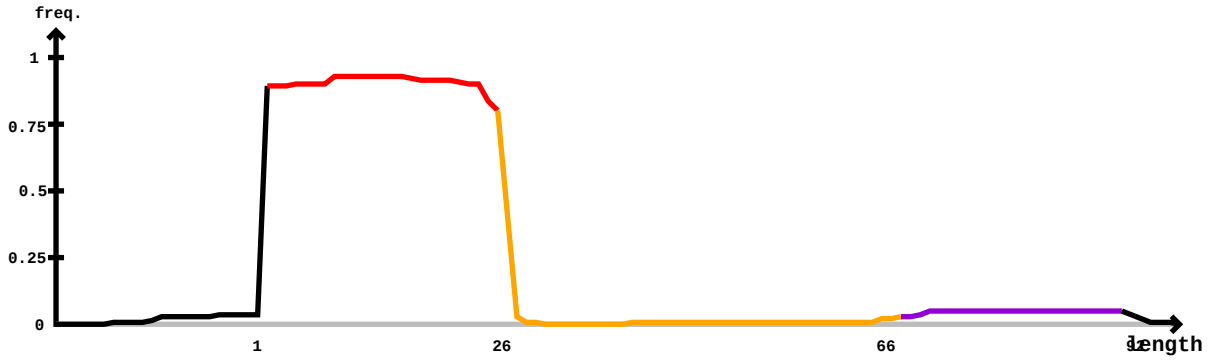
Mature **Star**

```
5'- caaucggguccaugccaccaaagugaaugauuugccaacugggaugucgacagacugcggcuugcgcaaucugcgggauuucuugggauuucacauaccgccacuuauuuuuug  -3'   obs
    caaucggguccaugccaccaaagugaaugauuugccaacugggaugucgacagacugcggcuugcgcaaucugcgggauuucuugggauuucacauaccgccacuuauuuuuug        exp
    ......(((....)))....((((((..(((..(.((((..((((((.(((.((((.(((((.....)))).)))))))..)))))..)))).)..)))........)))))..... reads     mm      sample
    ..................caaagugaaugauuugccaacuggga..................................................................... 2         0       c04
    ..................caaagugaaugauuugAcaacuggga..................................................................... 1         1       c04
    ..................caaagugaaugauuugccaacugggau.................................................................... 1         0       c04
    ....................aagugaaugauuugccaa.......................................................................... 1         0       c04
    ....................aagugaaugauuugccaac......................................................................... 1         0       c04
    ....................aagugaaugauuugccaacu........................................................................ 5         0       c04
    ....................aagugaaugauuugccaacug....................................................................... 2         0       c04
    ....................aagugaaugauuugccaacuggg...................................................................... 5         0       c04
    ....................aagugaaugauuugccaacugggU..................................................................... 1         1       c04
    ....................aagugaaugauuugccaacuggga..................................................................... 21        0       c04
    ....................aagugaaugauuugccaaAugggau.................................................................... 1         1       c04
    ....................aagugaaugauuugccaacuCggau.................................................................... 1         1       c04
    ....................aagugaaugauuugcUaacugggau.................................................................... 1         1       c04
    ....................aagugaaugauuugccaacugggaA.................................................................... 1         1       c04
    ....................Cagugaaugauuugccaacugggau.................................................................... 1         1       c04
    ....................aagugaaugauuugccaacugggaC.................................................................... 1         1       c04
    ....................aagugaaugauuugccaacugggau..................................................................... 231       0       c04
    ....................Gagugaaugauuugccaacugggau.................................................................... 1         1       c04
    ....................aagugaaugauuugccaacugggauU.................................................................... 1         1       c04
    ....................aaCugaaugauuugccaacugggaug.................................................................... 1         1       c04
    ....................aagugaauCauuugccaacugggaug.................................................................... 1         1       c04
    ....................Cagugaaugauuugccaacugggaug.................................................................... 3         1       c04
    ....................aagugaaugauuugccaacugggauC.................................................................... 2         1       c04
    ....................aagugaaugauuugccaacugggauA.................................................................... 1         1       c04
    ....................aagugaaugauuugccaacugggaug..................................................................... 89        0       c04
    ....................aagugaaugauuugccaacugggaugC.................................................................... 12        1       c04
    ....................aagugaaugauuugccaacugggaugu.................................................................... 2         0       c04
    ....................aagugaaugauuugccaacugggauguc.................................................................... 10        0       c04
    ....................aagugaaugauuugccaacugggaugCc.................................................................... 4         1       c04
    ......................Ggugaaugauuugccaacugggau..................................................................... 1         1       c04
    ......................agugaaugauuugccaacugggauguc.................................................................... 2         0       c04
    .......................gugaaugauuugccaacugggauguc.................................................................... 1         0       c04
    .......................ugaaugauuugccaacuggg.......................................................................... 1         0       c04
```


Mature
Star
caaucggguccaugccaccaaagugaaugauuuugccaacugggaugucgacagacugcggcuugcgcaaucugcgggauuuucuugggauuucacauaccgccacuuauuuuuug
.....ugaaugauuugccaacugggau..... 5 0 c04
.....Ggaaugauuugccaacugggaug..... 1 1 c04
.....ugaaugauuugccaacugggaug..... 1 0 c04
.....ugaaugauuugccaacugggaugu..... 1 0 c04
.....ugaaugauuugccaacugggaugCc..... 2 1 c04
.....ugaaugauuugccaacugggauguc..... 3 0 c04
.....ugaaugauuugccaacugggaugCcg..... 14 1 c04
.....ugaaugauuugGcaacugggaugucg..... 1 1 c04
.....Ggaaugauuugccaacugggaugucg..... 1 1 c04
.....ugaaugauuugccaacugggaugucg..... 12 0 c04
.....ugaaugauuugccaacugggaugucgU..... 1 1 c04
.....ugaaugauuugccaacugggaugucga..... 5 0 c04
.....ugaaugauuugccaacugggaugucgC..... 1 1 c04
.....ugaaugauuugccaacugggaugCcga..... 2 1 c04
.....gaaugauuugccaacugggau..... 1 0 c04
.....gaaugauuugccaacugggauguc..... 1 0 c04
.....aaugauuugccaacugggaugCcgac..... 1 1 c04
.....ugauuugccaacugggaugucgacaga..... 1 0 c04
.....auuugccaacugggauguc..... 1 0 c04
.....uuugccaacugggaugucg..... 1 0 c04
.....uuugccaacugggaugucgacagacugc..... 1 0 c04
.....uugccaacugggaugCcgacagacu..... 1 1 c04
.....ugccaacugggaugCcgacagacugc..... 2 1 c04
.....ugccaacugggaugucgacagacugc..... 1 0 c04
.....ugccaacugggaugucgacagacugcg..... 2 0 c04
.....ugggaugucgacagacugcggcuugcgc..... 1 0 c04
.....ugCcgacagacugcggcuugcgcaauc..... 1 1 c04
.....acagacugcggcuugcAc..... 1 1 c04
.....ugcggcuugcgcaaucugcgggauuuu..... 2 0 c04
.....ugcggcuugcgcaaucugcgggauuuuc..... 1 0 c04
.....uugcgcaaucugcgggauuuucuugg..... 1 0 c04
.....ugcgcaaucugcgggauuuucuugg..... 1 0 c04
.....ugcgcaaucugcgggauuuucuugggau..... 3 0 c04
.....ugcgcaaucugcgggauuuucuugggau..... 1 0 c04
.....ucugcgggauuuucuugggaCuucac..... 1 1 c04
.....uuuucuugggauuucacauaccgccac..... 2 0 c04
.....uuucuugggaCuucacauacc..... 1 1 c04
.....uuucuugggaCuucacauaccgc..... 1 1 c04
.....uuucuugggaCuucacauaccgccac..... 1 1 c04
.....uuucuugggaCuucacauaccgccacu..... 7 1 c04
.....uuucuugggauuucacauaccgccacu..... 5 0 c04
.....uuucuugggauuucacauaccgccacuu..... 1 0 c04
.....Guucuugggauuucacauaccgccacuu..... 1 1 c04
.....uuucuugggaCuucacauaccgccacuu..... 4 1 c04
.....uucuugggauuucacauacc..... 1 0 c04
.....uucuugggaCuucacauacc..... 1 1 c04
.....uucuugggaCuucacauaccgcc..... 3 1 c04
.....uucuugggaCuucacauaccgccac..... 2 1 c04
.....uucuugggaCuucacauaccgccacu..... 14 1 c04
.....uucuugggauuucacauaccgccacu..... 6 0 c04
.....uucuugggaCuucacauaccgccacuu..... 49 1 c04
.....uucuugggauuucacauaccgccacuu..... 17 0 c04
.....Aucuugggauuucacauaccgccacuua..... 1 1 c04
.....uucuugggaCuucacauaccgccacuua..... 2 1 c04
.....uucuugggauuucacauaccgccacuua..... 2 0 c04
.....uucuugggauuucacauaccgccacuuaGu..... 1 1 c04
.....ucuugggaCuucacauaccgccacu..... 1 1 c04
.....ucuugggaCuucacauaccgccacuu..... 1 1 c04
.....ucuugggauuucacauaccgccacuua..... 1 0 c04
.....ucuugggaCuucacauaccgccacuua..... 1 1 c04
.....ugggaCuucacauaccgccacuu..... 1 1 c04

Provisional ID	:	group27_36763
Score total	:	64.6
Score for star read(s)	:	3.9
Score for read counts	:	63.3
Score for mfe	:	0.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	136
Mature read count	:	128
Loop read count	:	1
Star read count	:	7





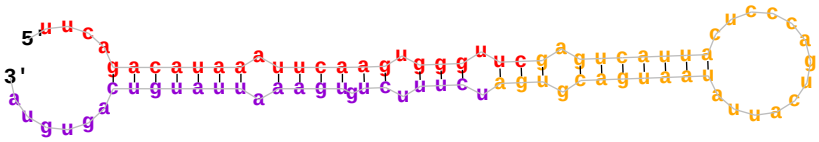
Mature **Star**

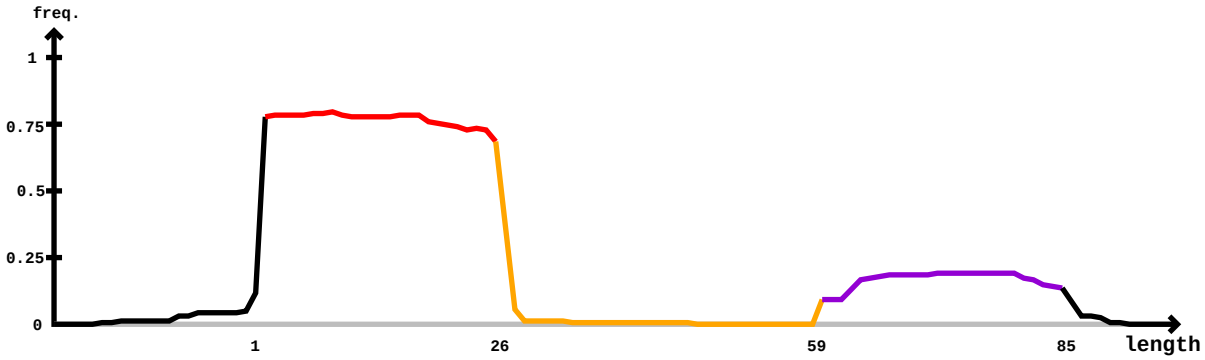
```
5'- agccgauauucuguauguuuuucuauguauuuuauugauggaguga agguggucgguuguggagaggccacgacgaaagccggcuug uucuggagguugaaaucugucaagaggcg  -3'   obs
    agccgauauucuguauguuuuucuauguauuuuauugauggaguga agguggucgguuguggagaggccacgacgaaagccggcuu guucuggagguugaaaucugucaagaggcg        exp
    .(((((((.....))))).......(((((((((..(((((..(((.((((..(((((((.....)))))))....)))).))).))))))..)).)))))))........))).   reads      mm       sample
    ..........................................................................................cuggagguugaaaucugucaag.....   1          0        c15

    ....gauauucuguauguuuuucuauga..............................................................................................   1          0        c16
    ..........................................................uggagaggccacgacgaaagccggcuuU.....................................   1          1        c16
    ..........................................................................................Gguucuggagguugaaaucugucaag.....   1          1        c16
    ..........................................................................................uguucuggagguugaaaucugucaaga....   1          0        c16

    ........uucuguauguuuuucuaugauuuuauu.......................................................................................   1          0        c04
    .........ucuguauguuuuucuaug..............................................................................................   1          0        c04
    .........ucuguauguuuuucuaugauuuuauug.....................................................................................   1          0        c04
    ..............uguuuuucuaugauuuuauugaugga..................................................................................   1          0        c04
    ....................uucuaugauuuuauugaugg...................................................................................   1          0        c04
    ....................Aucuaugauuuuauugauggagu................................................................................   1          1        c04
    ....................uucuaugauuuuauugauggagu................................................................................   8          0        c04
    ....................uucuaugauuuuauugauggagug...............................................................................   4          0        c04
    ....................uuAuaugauuuuauugauggagug...............................................................................   1          1        c04
    ....................uucuaugauuuuauugauggaguga..............................................................................   55         0        c04
    ....................Gucuaugauuuuauugauggaguga..............................................................................   4          1        c04
    ....................uucuaugauuuuauugauggagugU..............................................................................   1          1        c04
    ....................uucuaugauuuuauugauggagugaa.............................................................................   36         0        c04
    ....................uucuaugauuuCauugauggagugaa.............................................................................   1          1        c04
    ....................uucGaugauuuuauugauggagugaa.............................................................................   1          1        c04
    ....................Gucuaugauuuuauugauggagugaa.............................................................................   5          1        c04
    ....................uucuaugauuuuauugauggagugaag............................................................................   2          0        c04
    ....................uucuaugauuuuauugauggagugaaA............................................................................   1          1        c04
    ......................uaugauuuuauugauggagugaaggu............................................................................   1          0        c04
    ........................auuuuauugauggaguga...................................................................................   3          0        c04
    ........................auuuuauugauggagugaa..................................................................................   2          0        c04
    ..........................uuuuauugauggagugaa..................................................................................   1          0        c04
    ..........................................................................................uucuggagguugaaaucugucaaga....   2          0        c04
    ..........................................................................................uggagguugaaaucugucaag.....   1          0        c04
    ..........................................................................................uggagguugaaaucugucaagaggcg   1          0        c04
```

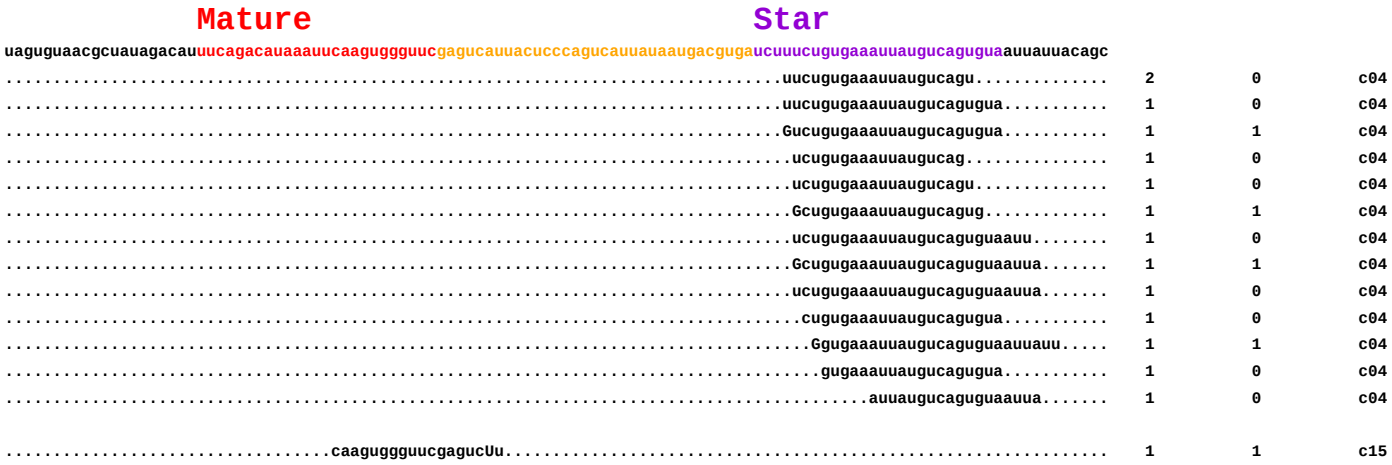
Provisional ID	:	group27_37113
Score total	:	69.8
Score for star read(s)	:	3.9
Score for read counts	:	69.5
Score for mfe	:	-0.6
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	148
Mature read count	:	122
Loop read count	:	0
Star read count	:	26



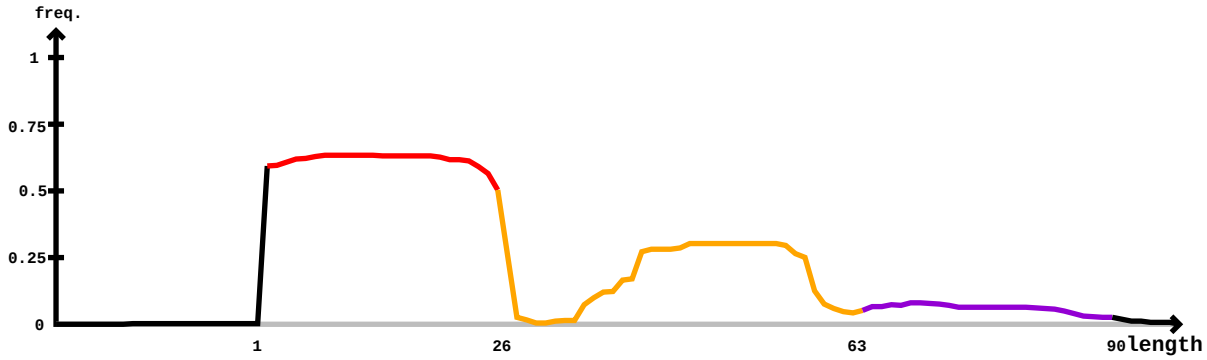


Mature **Star**

```
5'- uaguguaacgcuauagacauuucagacauaaaauucaaguggguucgagucauuacucccagucauuauaaaugacgugaucuuucugugaaauuaugucaguguaauuauuacagc  -3'   obs
    uaguguaacgcuauagacauuucagacauaaaauucaaguggguucgagucauuacucccagucauuauaaaugacgugaucuuucugugaaauuaugucagguguaauuauuacagc        exp
    ((((((...))))))...((((((...(((((((.((((((.(((.(((.(((((((.............)))))))..))).)))..)).)))).)).)))))))))).....   reads      mm       sample
    ...Gguaacgcuauagacauuucagaca.....................................................................................   1          1        c04
    .....uaacgcuauagacauuucagaca.....................................................................................   1          0        c04
    ..........uauagacauuucagacau.....................................................................................   1          0        c04
    ..........uauagacauuucagacauaaaauucaa.............................................................................   2          0        c04
    ............uagacauuucagacauaaaauucaag............................................................................   1          0        c04
    ............uagacauuucagacauaaaauucaagug..........................................................................   1          0        c04
    ................auuucagacauaaaauucUa..............................................................................   1          1        c04
    ................uuucagacauaaaauucaa...............................................................................   1          0        c04
    ................uuucagacauaaaauucaaguggguu........................................................................   1          0        c04
    ................Guucagacauaaaauucaaguggguuc.......................................................................   1          1        c04
    ................uuucagacauaaaauucaaguggguuc.......................................................................   8          0        c04
    ................uucagacauaaaauucaagu..............................................................................   1          0        c04
    ................uucagacauaaaauucaagugg............................................................................   2          0        c04
    ................uucagacauaaaauucaagugggu..........................................................................   1          0        c04
    ................uucagacauaaaauucaaguggguu.........................................................................   6          0        c04
    ................uucagacCuaaaauucaaguggguuc.......................................................................   1          1        c04
    ................uucagCcauaaaauucaaguggguuc.......................................................................   1          1        c04
    ................uucagacauaaaauucaaguggguuc.......................................................................   80         0        c04
    ................Gucagacauaaaauucaaguggguuc.......................................................................   4          1        c04
    ................Aucagacauaaaauucaaguggguuc.......................................................................   1          1        c04
    ................uucagacauaaaauucaaguggguucg......................................................................   3          0        c04
    ................uucagacauaaaauucaaguggguucU......................................................................   1          1        c04
    ................uucagacauaaaauucaaCuggguucga.....................................................................   4          1        c04
    ................uucagacauaaaauucaaguggguucga.....................................................................   2          0        c04
    ................ucagacauaaaauucaaCuggguucga......................................................................   1          1        c04
    ....................acauaaaauucaaguggguucg.........................................................................   1          0        c04
    ....................auaaaauucaaguggguuc............................................................................   1          0        c04
    ..........................................uucgagucauuacucccagucau...................................................   1          0        c04
    ..........................................................................ucuuucugugaaauuauguca.....................   1          0        c04
    ..........................................................................ucuuucugugaaauuaugucagugu.................   1          0        c04
    ..........................................................................Gcuuucugugaaauuaugucagugua.................   1          1        c04
    ..........................................................................ucuuucugugaaauuaugucagugua.................   12         0        c04
    ..........................................................................uucugugaaauuauguca.........................   2          0        c04
```


Mature
Star
uaguguaacgcuauagacauuucagacauaaaauucaaguggguucgagucauuacucccagucauuauaaugacgugaucuuucugugaaauuaugucaguguaauuauacagc
.....uucugugaaauuaugucagu..... 2 0 c04
.....uucugugaaauuaugucagugua..... 1 0 c04
.....Gucugugaaauuaugucagugua..... 1 1 c04
.....ucugugaaauuaugucag..... 1 0 c04
.....ucugugaaauuaugucagu..... 1 0 c04
.....Gcugugaaauuaugucagug..... 1 1 c04
.....ucugugaaauuaugucaguguaauu..... 1 0 c04
.....Gcugugaaauuaugucaguguaauua..... 1 1 c04
.....ucugugaaauuaugucaguguaauua..... 1 0 c04
.....cugugaaauuaugucagugua..... 1 0 c04
.....Ggugaaauuaugucaguguaauuauu..... 1 1 c04
.....gugaaauuaugucagugua..... 1 0 c04
.....auuaugucaguguaauua..... 1 0 c04
.....caaguggguucgagucUu..... 1 1 c15

Provisional ID	:	group27_37205
Score total	:	188.4
Score for star read(s)	:	3.9
Score for read counts	:	199
Score for mfe	:	-11.6
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	402
Mature read count	:	266
Loop read count	:	122
Star read count	:	14



Mature **Star**

```
5'- uaccuuuucuagggcuaaaauauguuccugaagggaugugcugaaaacgauaauaucaucuaaauaaacgagacauauuucauucuguagaccuuugagaacuuuaucc aucacu  -3'   obs
    uaccuuuucuagggcuaaaauauguuccugaagggaugugcugaaaacgauaauaucaucuaaauaaacgagacauauuucauucuguagaccuuugagaacuuuauc caucacu        exp
    ..((((....))))........((((.(.((((((.(.(((.(((...((.(((((..(((.........))).)))))))).)))).)))).)))))).)))).....  reads    mm    sample
    ..........................................................Cucaucuaaauaaacgagaca.....................................  1        1     c02
    ..........................................................ucaucuaaauaaacgagac......................................  1        0     c02
    ..........................................................aucuaaauaaacgagacauUu....................................  1        1     c02
    ..........................................................cuaaauaaacgagacauU.......................................  5        1     c02
    ..........................................................cuaaauaaacgagacauUu......................................  1        1     c02

    ..........................................................aucaucuaaauaaacgagacauUu.................................  1        1     c16
    ..........................................................Gcaucuaaauaaacgagaca......................................  1        1     c16
    ..........................................................ucaucuaaauaaacgagacau.....................................  1        0     c16
    ..........................................................aucuaaauaaacgagacauU......................................  6        1     c16
    ..........................................................cuaaauaaacgagacauU.......................................  7        1     c16
    ..........................................................cuaaauaaacgagacauUu......................................  1        1     c16
    ..........................................................cuaaauaaacgagacauUuu.....................................  2        1     c16

    ......Gucuagggcuaaaauauguuccugaa..........................................................................................  1        1     c04
    ....................Gauguuccugaagggaug.....................................................................................  1        1     c04
    ....................uauguuccugaagUgaug.....................................................................................  1        1     c04
    ....................uauguuccugaagUgaugu....................................................................................  4        1     c04
    ....................uauguuccugaagUgaugugc..................................................................................  2        1     c04
    ....................uauguuccugaagUgaugugcu.................................................................................  3        1     c04
    ....................uauguuccugaagggaugugcu.................................................................................  4        0     c04
    ....................uauguuccugaagUgaugugcug................................................................................  7        1     c04
    ....................Gauguuccugaagggaugugcug................................................................................  2        1     c04
    ....................uauguuccugaagggaugugcug................................................................................  2        0     c04
    ....................uauguuccugaagggaugugcuga...............................................................................  9        0     c04
    ....................uauguuccugaagUgaugugcuga...............................................................................  13       1     c04
    ....................uauguuccugaagggaugugcugCa..............................................................................  1        1     c04
    ....................uauguuccugaagUgaugugcugaa..............................................................................  29       1     c04
    ....................uauguuccugaagggaugugcugaU..............................................................................  1        1     c04
    ....................uauCuuccugaagggaugugcugaa...............................................................................  1        1     c04
    ....................Gauguuccugaagggaugugcugaa...............................................................................  5        1     c04
    ....................uauguuccugaagCgaugugcugaa...............................................................................  1        1     c04
    ....................uauguuccugaagggaugugcugaa...............................................................................  75       0     c04
```

Mature Star

uaccuuuucuagggcuaaaauauguuccugaagggaugugcugaaaacgauaauaucaucuaaauaaacgagacauauuucauucuguagaccuuugagaacuuuaucccaucacu

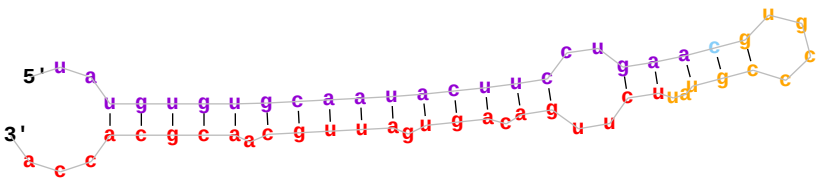
.....uauguuccugaagggaugugcugaaU.....	2	1	c04
.....uauguucAugaagggaugugcugaaa.....	1	1	c04
.....uauguuccugaagggaugugcugaaC.....	1	1	c04
.....uauguuccugaagggaugugAugaaa.....	1	1	c04
.....uauguuccugaagggaugugcugaaa.....	64	0	c04
.....Gauguuccugaagggaugugcugaaa.....	7	1	c04
.....uauguuccugaagUgaugugcugaaa.....	7	1	c04
.....uauguuccugaagggaugugcugaaaC.....	1	1	c04
.....uauguuccugaagggaugugcugaaaa.....	1	0	c04
.....uauguuccugaagggaugugcugaaaac.....	3	0	c04
.....uauguuccugaagggaugugcugaaaacgaua.....	1	0	c04
.....auguuccugaagUgaugugcuga.....	1	1	c04
.....uguuccugaagUgaugugcu.....	2	1	c04
.....uguuccugaagggaugugcugaaaa.....	1	0	c04
.....uguuccugaagggaugugcugaaaac.....	1	0	c04
.....uguuccugaagggaugugcugaaaaA.....	1	1	c04
.....guuccugaagUgaugugcuga.....	1	1	c04
.....guuccugaagggaugugcuga.....	1	0	c04
.....guuccugaagUgaugugcugaa.....	1	1	c04
.....Uuuccugaagggaugugcugaa.....	1	1	c04
.....guuccugaagggaugugcugaaa.....	1	0	c04
.....uuccugaagggaugugcugaa.....	1	0	c04
.....uccugaagggaugugcuga.....	1	0	c04
.....uccugaagUgaugugcugaaa.....	1	1	c04
.....uccugaagggaugugcugaaaacga.....	1	0	c04
.....ccugaagggaugugcugaa.....	1	0	c04
.....ccugaagggaugugcugaaaa.....	1	0	c04
.....uaauaucaucuaaauaaacgagacaua.....	4	0	c04
.....aauaucaucuaaauaaacgagacaua.....	1	0	c04
.....auaucaucuaaauaaacgagaca.....	1	0	c04
.....Aaucaucuaaauaaacgagac.....	1	1	c04
.....uaucaucuaaauaaacgagac.....	1	0	c04
.....uaucaucuaaauaaacgagaca.....	3	0	c04
.....Aaucaucuaaauaaacgagaca.....	4	1	c04
.....uaucaucuaaauaaacgagacau.....	1	0	c04
.....uaucaucuaaauaaacgagacaua.....	2	0	c04
.....uaucaucuaaauaaacgagacauauu.....	8	0	c04
.....uaucaucuaaauaaacgagacauauuA.....	1	1	c04
.....uaucaucuaaauaaacgagacauauuu.....	4	0	c04
.....aucaucuaaauaaacgagacau.....	1	0	c04
.....aucaucuaaauaaacgagacauU.....	7	1	c04
.....ucaucuaaauaaacgagaca.....	1	0	c04
.....ucaucuaaauaaacgagacau.....	2	0	c04
.....ucaucuaaauaaacgagacaua.....	1	0	c04
.....ucaucuaaauaaacgagacauU.....	1	1	c04
.....ucaucuaaauaaacgagacauauuuc.....	1	0	c04
.....caucuaaauaaacgagacauU.....	1	1	c04
.....aucuaaauaaacgagaca.....	2	0	c04
.....aucuaaauaaacgagacau.....	1	0	c04
.....aucuaaauaaacgagacauU.....	4	1	c04
.....aucuaaauaaacgagacauUu.....	2	1	c04
.....aucuaaauaaacgagacauau.....	1	0	c04
.....ucuaaauaaacgagacauUu.....	2	1	c04
.....cuaaauaaacgagacauU.....	11	1	c04
.....cuaaauaaacgagacaua.....	1	0	c04
.....cuaaauaaacgagacauUu.....	13	1	c04
.....cuaaauaaacgagacauUuu.....	1	1	c04
.....uaaauaaacgagacauUu.....	4	1	c04
.....auaaacgagacauauuuc.....	1	0	c04
.....auaaacgagacauauuucauucu.....	1	0	c04
.....uaaacgagacauauuucauucugua.....	1	0	c04
.....uaaacgagacauauuucauucuguag.....	1	0	c04
.....uaaacgagacauauuucauucuguaga.....	2	0	c04
.....uaaacgagacauauuucauucuguagac.....	3	0	c04
.....uauuucauucuguagaccuuugagaac.....	1	0	c04
.....uucauucuguagaccuuugagaacu.....	1	0	c04
.....uucauucuguagaccuuugagaacuu.....	2	0	c04
.....uucauucuguagaccuuugagaacuuu.....	2	0	c04
.....ucauucuguagaccuuugaga.....	1	0	c04
.....ucauucuguagaccuuugagaacu.....	1	0	c04

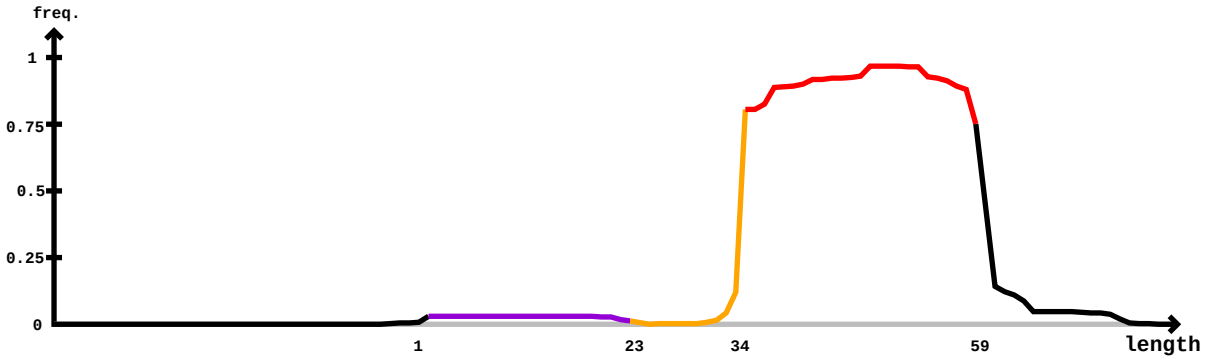
Mature Star

uaccuuuucuagggcuaaaauauguuccugaagggaugugcugaaaacgauaauaucaucuaaauaaacgagacauauuucauucuguagaccuuugagaacuuuaucc aucacu

.....ucauucuguagaccuuugagaacuuu.....	2	0	c04
.....uucuguagaccuuugagaa.....	1	0	c04
.....uuUuguagaccuuugagaacuuuau.....	1	1	c04
.....uucuguagaccuuugagaacuuuaucc.....	2	0	c04
.....ucuguagaccuuugagaacu.....	1	0	c04
.....ucuguagaccuuugagaacuu.....	2	0	c04
.....ucuguagaccuuugagaacuuuaucc.....	2	0	c04
.....ucuguagaccuuugagaacuuuaucca.....	1	0	c04
.....uguagaccuuugagaacuuuaucca.....	1	0	c04
.....uguagaccuuugagaacuuuauccauc...	2	0	c04
.....uagaccuuugagaacuuua.....	1	0	c04
.....uagaccuuugagaacuuuauccaucacu	3	0	c04
.....aucaucuaaauaaacgagacauU.....	1	1	c09
.....aucuaaauaaacgagaca.....	1	0	c09
.....cuaaauaaacgagacauU.....	1	1	c09

Provisional ID	:	group27_37910
Score total	:	185.5
Score for star read(s)	:	3.9
Score for read counts	:	184.7
Score for mfe	:	-0.2
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	374
Mature read count	:	364
Loop read count	:	0
Star read count	:	10





Star **Mature**

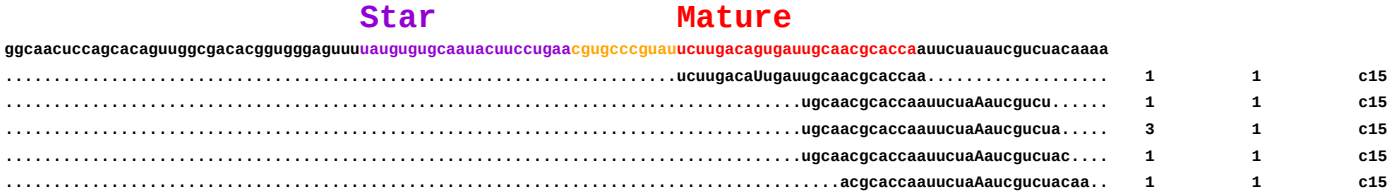
```
5'- ggcaacuccagcacaguuggcgacacggugggaguuuuauguguGcaauacuuccugaacgugcccguauucuugacagugauugcaacgcaccaauucuauaucgucuacaaaa  -3'   obs
    ggcaacuccagcacaguuggcgacacggugggaguuuuauguguGcaauacuuccugaacgugcccguauucuugacagugauugcaacgcaccaauucuauaucgucuacaaaa        exp
    (.(((((.......))))).)...(((((((((((...(((((((((((((..(((((....)))..))..)).))).)))))).))))))..))))))).(((((((.....   reads      mm       sample
    ..........................................................................ugauugcaacgcaccaauucuaAaucg.....   1          1        c09
    ..........................................................................ugcaacgcaccaauucuaAaucguc.......   1          1        c09
    ..........................................................................ugcaacgcaccaauucuaAaucgucu......   1          1        c09

    ..............................Uuuuuauguguguaauacuuccuga.....................................................   1          1        c04
    ..............................uuuuauguguguaauacuuccuga......................................................   1          0        c04
    ..............................uuauguguguaauacuuccug........................................................   1          0        c04
    ..............................uauguguguaauacuucc...........................................................   1          0        c04
    ..............................uauguguguaauacuuccug.........................................................   3          0        c04
    ..............................uauguguguaauacuuccugaa.......................................................   5          0        c04
    ..........................................................guauucuugacagugauugcaacgca.....................   1          0        c04
    ..........................................................guauucuugacaUugauugcaacgca.....................   1          1        c04
    ........................................................uauucuugacagugauuAcaacgcacc.....................   1          1        c04
    ........................................................uauucuugacaUugauugcaacgcacc.....................   1          1        c04
    ........................................................uauucuugacagugauugcaacgcacc.....................   1          0        c04
    ......................................................auucuugacagugauugcaacgc.........................   1          0        c04
    ......................................................auucuugacagugauugcaacgca........................   1          0        c04
    ......................................................auucuugacagugauugcaacgcacc......................   3          0        c04
    ......................................................auucuugacaUugauugcaacgcacc......................   3          1        c04
    ......................................................auucuugacaUugauugcaacgcacca.....................   3          1        c04
    ....................................................uucuugacaUugauugca.............................   1          1        c04
    ....................................................uucuugacagugGuugca.............................   1          1        c04
    ....................................................uucuugacaUugauugcaacgcacc......................   1          1        c04
    ....................................................uucuugacagugauugcaacgcacc......................   3          0        c04
    ....................................................uucuugacaUugauugcaacgcacca.....................   9          1        c04
    ....................................................uucuugacagugauugcaacgcacca.....................   8          0        c04
    ....................................................Gucuugacagugauugcaacgcacca.....................   1          1        c04
    ....................................................uucuugacagugGuugcaacgcaccaa....................   1          1        c04
    ....................................................uucuugacaUugauugcaacgcaccaa....................   3          1        c04
    ....................................................uucuugacagugauugcaacgcaccaC....................   1          1        c04
    ....................................................uucuugacagugauugcaacgcaccaa....................   2          0        c04
    ..................................................ucuugacagugauugcaac.............................   8          0        c04
    ..................................................ucuugacaUugauugcaac.............................   6          1        c04
```

Star Mature

ggcaacuccagcacaguuggcgacacggugggaguuuuaugugugcaauacuuccugaacgugcccguauucuugacagugauugcaacgcaccaauucuauaucgucuacaaaa

.....ucuugacagugauugcaacg.....	1	0	c04
.....ucuugacagugauugcaacgc.....	2	0	c04
.....ucuugacaUugauugcaacgc.....	1	1	c04
.....ucuugacagugGuugcaacgca.....	1	1	c04
.....ucuugacagugauugcaacgca.....	2	0	c04
.....ucuugacaUugauugcaacgca.....	1	1	c04
.....ucuugacagugauuAcaacgcac.....	3	1	c04
.....ucuugacagugauugcaacgcac.....	1	0	c04
.....ucuugacaUugauugcaacgcac.....	1	1	c04
.....ucuugacagugauugcaacgcacc.....	19	0	c04
.....ucuugacagugGuugcaacgcacc.....	1	1	c04
.....ucuugacagugauugcCacgcacc.....	1	1	c04
.....Gcuugacagugauugcaacgcacc.....	1	1	c04
.....ucuugacaUugauugcaacgcacc.....	14	1	c04
.....ucuugacagugauuAcaacgcacc.....	1	1	c04
.....Gcuugacagugauugcaacgcacca.....	2	1	c04
.....ucuugacagugauuAcaacgcacca.....	4	1	c04
.....ucuugacagugauugcaacgcacAa.....	1	1	c04
.....ucuugacagugauugcaacgcacca.....	60	0	c04
.....ucuugacagugauugcaacgcaccC.....	1	1	c04
.....ucuugacaUugauugcaacgcacca.....	54	1	c04
.....ucuugacaUugauugcaacgcaccaa.....	45	1	c04
.....ucuugacagugauugcaacgcaccaa.....	21	0	c04
.....ucuugacagugauugcaacgcaccaC.....	1	1	c04
.....ucuugacagugauuAcaacgcaccaa.....	2	1	c04
.....ucuugacGgugauugcaacgcaccaa.....	1	1	c04
.....Gcuugacagugauugcaacgcaccaa.....	4	1	c04
.....ucuugacagugGuugcaacgcaccaa.....	2	1	c04
.....uUuugacagugauugcaacgcaccaa.....	1	1	c04
.....ucuugacagugauugcaacgcaccaau.....	5	0	c04
.....ucuugacaUugauugcaacgcaccaau.....	2	1	c04
.....ucuugacagugauugcaacgcaccaauu.....	4	0	c04
.....uugacaUugauugcaacg.....	1	1	c04
.....uugacagugauugcaacgcacc.....	1	0	c04
.....uugacaUugauugcaacgcacca.....	1	1	c04
.....uugacagugauugcaacgcaccaa.....	1	0	c04
.....uugacagugauuAcaacgcaccaauuc.....	1	1	c04
.....uugacagugauugcaacgcaccaauuc.....	1	0	c04
.....uugacaUugauugcaacgcaccaauucu.....	2	1	c04
.....ugacagugauugcaacgca.....	1	0	c04
.....ugacaUugauugcaacgcacc.....	1	1	c04
.....ugacagugauugcaacgcacca.....	1	0	c04
.....Ggacagugauugcaacgcaccaa.....	1	1	c04
.....ugacagugauugcaacgcaccaau.....	1	0	c04
.....ugacagugauugcaacgcaccaauu.....	1	0	c04
.....ugacagugauugcaacgcaccaauuc.....	1	0	c04
.....ugacaUugauugcaacgcaccaauuc.....	1	1	c04
.....ugacagugauuAcaacgcaccaauucu.....	1	1	c04
.....ugacaUugauugcaacgcaccaauucu.....	8	1	c04
.....ugacagugauugcaacgcaccaauucu.....	3	0	c04
.....gacaUugauugcaacgcaccaa.....	1	1	c04
.....acagugauugcaacgcacca.....	1	0	c04
.....cagugauugcaacgcacca.....	1	0	c04
.....cagugauugcaacgcaccaa.....	2	0	c04
.....agugauugcaacgcacca.....	1	0	c04
.....aUugauugcaacgcacca.....	3	1	c04
.....aUugauugcaacgcaccaa.....	3	1	c04
.....ugauugcaacgcaccaauucuaAauc.....	1	1	c04
.....auugcaacgcaccaauuc.....	1	0	c04
.....uugcaacgcaccaauucu.....	1	0	c04
.....uugcaacgcaccaauucuaAaucguc.....	1	1	c04
.....ugcaacgcaccaauucuaAaucgucu.....	4	1	c04
.....ugcaacgcaccaauucuaAaucgucua.....	3	1	c04
.....Ggacagugauugcaacgcaccaauuc.....	1	1	c16
.....ugacagugauugcaacgcaccaauuc.....	3	0	c16
.....ugacaUugauugcaacgcaccaauucu.....	1	1	c16
.....ugcaacgcaccaauucuaAaucgucu.....	1	1	c16
.....ugcccguauucuugacaUugauugcaac.....	1	1	c15


Star
Mature
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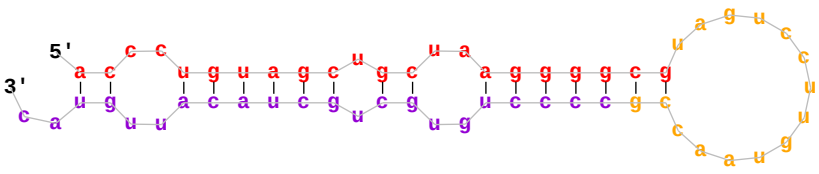
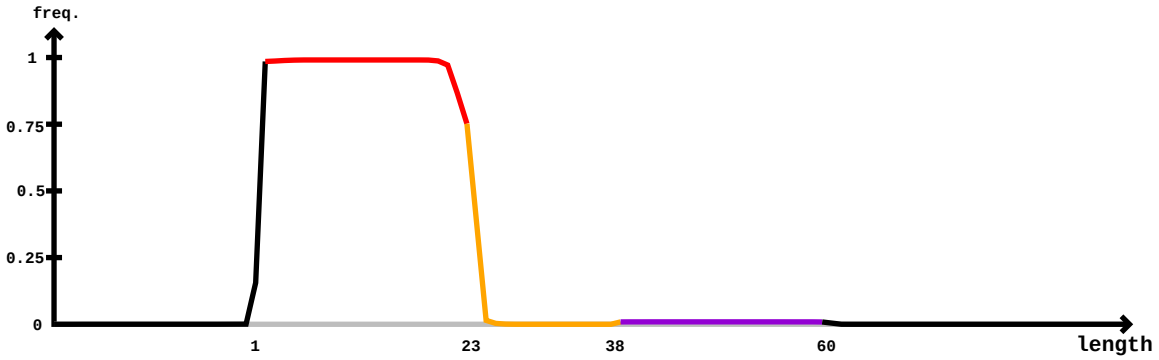
.....ucuugacaUugauugcaacgcaccaa..... 1 1 c15
.....ugcaacgcaccaauucuaAaucgucu..... 1 1 c15
.....ugcaacgcaccaauucuaAaucgucua..... 3 1 c15
.....ugcaacgcaccaauucuaAaucgucuac.... 1 1 c15
.....acgcaccaauucuaAaucgucuacaa.. 1 1 c15

Provisional ID	:	group3_6410
Score total	:	35272.1
Score for star read(s)	:	3.9
Score for read counts	:	35261.7
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	69176
Mature read count	:	68548
Loop read count	:	0
Star read count	:	628





Mature **Star**

```
5'- guaguuagggucgguagcguacccuguagcugcuaaggggcguaguccuuguaaccgccccugugcugcuacauuguacuuuacugguucccacaugucuucacugaaca  -3'   obs
    guaguuagggucgguagcguacccuguagcugcuaaggggcguaguccuuguaaccgccccugugcugcuacauuguacuuuacugguucccacaugucuucacugaaca        exp
    .......((((((((((.((((..(((((((.((..(((((((.............)))))))..)).)))))))..))))..)))))))..)))..................  reads      mm         sample
    guaguuagggucgguagcgu.....................................................................................................  1          0          c16
    .uaguuagggucgguagcgu.....................................................................................................  4          0          c16
    .uaguuagggucgguagcguU....................................................................................................  1          1          c16
    ..............uagcUuacccuguagcugcuaaggggcgu..............................................................................  1          1          c16
    ................gAguacccuguagcugcuaagggg.................................................................................  1          1          c16
    ................cgGacccuguagcugcuaaggggcg................................................................................  2          1          c16
    ................cUuacccuguagcugcuaaggggcg................................................................................  1          1          c16
    ................cguacccuguagcugcuaaggggcg................................................................................  1          0          c16
    ................Gguacccuguagcugcuaaggggcg................................................................................  1          1          c16
    ................gGacccuguagcugcuaagggg....................................................................................  1          1          c16
    ................gGacccuguagcugcuaaggggc...................................................................................  1          1          c16
    ................Cuacccuguagcugcuaaggggcg..................................................................................  3          1          c16
    ................gCacccuguagcugcuaaggggcg..................................................................................  1          1          c16
    ................uacccuguagcugcuaaU.........................................................................................  1          1          c16
    ................uacccuguagcugcuaag.........................................................................................  5          0          c16
    ................uacccuguagcugcuaagU........................................................................................  1          1          c16
    ................uacccuguagcugcuCagg........................................................................................  1          1          c16
    ................uacccuguagcugcuaaUg........................................................................................  1          1          c16
    ................Aacccuguagcugcuaagg........................................................................................  1          1          c16
    ................uacAcuguagcugcuaagg........................................................................................  1          1          c16
    ................Gacccuguagcugcuaagg........................................................................................  5          1          c16
    ................uacccuguagcugcuaagg........................................................................................  94         0          c16
    ................uacccuguagcuCcuaagg........................................................................................  1          1          c16
    ................uacccuguagcugcuaagA........................................................................................  1          1          c16
    ................uacGcuguagcugcuaaggg.......................................................................................  2          1          c16
    ................uacccuguagcugcuaaggA.......................................................................................  5          1          c16
    ................uacccuguagcugcuaaggU.......................................................................................  5          1          c16
    ................Aacccuguagcugcuaaggg.......................................................................................  1          1          c16
    ................uaAccuguagcugcuaaggg.......................................................................................  1          1          c16
    ................uacAcuguagcugcuaaggg.......................................................................................  1          1          c16
    ................Cacccuguagcugcuaaggg.......................................................................................  1          1          c16
    ................uacccuguagcugcuaaggg.......................................................................................  352        0          c16
    ................uacccuguagcugcuaaggC.......................................................................................  1          1          c16
```

Mature Star

guaguuagggucgguagcguacccuguagcugcuaaggggcguaguccuuguaaccgccccugugcugcuacauuguacuuuacugguucccacaugucuucacugaaca

..................Gacccuguagcugcuaaggg.....	39	1	c16
..................uaccAuguagcugcuaaggg.....	1	1	c16
..................uacccuguagcugGuaaggg.....	1	1	c16
..................uCcccuguagcugcuaaggg.....	3	1	c16
..................uacccAguagcugcuaagggg.....	3	1	c16
..................uacUcuguagcugcuaagggg.....	1	1	c16
..................uacccuCuagcugcuaagggg.....	1	1	c16
..................uacccuguagcugcuaaggCg.....	4	1	c16
..................uacccuguagcugcuaagggU.....	8	1	c16
..................Aacccuguagcugcuaagggg.....	7	1	c16
..................uacccuguagcugcuaUgggg.....	1	1	c16
..................uaccAuguagcugcuaagggg.....	1	1	c16
..................uacccuAuagcugcuaagggg.....	1	1	c16
..................uacccuguagcugcuaagggg.....	1315	0	c16
..................Gacccuguagcugcuaagggg.....	131	1	c16
..................uacccuguagcAgcuaagggg.....	1	1	c16
..................uacGcuguagcugcuaagggg.....	1	1	c16
..................uacccuguagcugcuaaUggg.....	2	1	c16
..................uaAccuguagcugcuaagggg.....	2	1	c16
..................uaUccuguagcugcuaagggg.....	1	1	c16
..................uacccuguagcugcuUagggg.....	1	1	c16
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..................uacccugAagcugcuaagggg.....	2	1	c16
..................uacccuguagcugcuaagCgg.....	2	1	c16
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..................uacccuguagcuUcuaagggg.....	3	1	c16
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..................uacccuguagcugcuaaAggg.....	1	1	c16
..................uacccuguagcugcuaagggA.....	20	1	c16
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..................uacAcuguagcugcuaaggggc.....	5	1	c16
..................uacccuguagcugcuaaggggc.....	777	0	c16
..................uacccuguagcugcuaaggggU.....	23	1	c16
..................uacccuguagAugcuaaggggc.....	3	1	c16
..................uacccuguGgcugcuaaggggc.....	1	1	c16
..................uacccuguagcugGuaaggggc.....	1	1	c16
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..................uaccGuguagcugcuaaggggc.....	1	1	c16
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..................uacccuguagcugcuaGggggc.....	1	1	c16
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..................Gacccuguagcugcuaaggggc.....	60	1	c16
..................uacccuguagcugcuaaggggG.....	2	1	c16
..................uacccuguagcuAcuaaggggc.....	2	1	c16
..................uacccuCuagcugcuaaggggc.....	1	1	c16
..................uaAccuguagcugcuaaggggc.....	1	1	c16
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..................uacccuguagcugcAaaggggcg.....	1	1	c16
..................uacccCguagcugcuaaggggcg.....	1	1	c16
..................uacccuguagcugcuaagAggcg.....	1	1	c16

Mature Star

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.....Gacccuguagcugcuaaggggcg.....	202	1	c16
.....uacccuguagcugcuaaCgggcg.....	1	1	c16
.....uacccuguagAugcuaaggggcg.....	3	1	c16
.....uacccuguagcugcuaaggggcg.....	2377	0	c16
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.....uacccuguagcugcuaagCggcg.....	3	1	c16
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.....uacccuguagcugcuaaggggcU.....	51	1	c16
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.....uacccuguagcugcuaaAgggcg.....	1	1	c16
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.....uGcccuguagcugcuaaggggcg.....	1	1	c16
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.....uacccAguagcugcuaaggggcg.....	2	1	c16
.....uacccuguCgcugcuaaggggcg.....	3	1	c16
.....uacccuguagcugcuaaggggcC.....	6	1	c16
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.....uacccuguagcugcuaaggggcgG.....	3	1	c16
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.....uacccuguagcugcuaaggggcAu.....	2	1	c16
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.....uacccuguagcugcuaaggggcguU.....	49	1	c16
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.....uacccuguagcugcuaaggggcgGa.....	1	1	c16
.....uacccuguagcugcuaaggggcguGg.....	1	1	c16
.....uacccuguagcugcuaaggggcguaA.....	1	1	c16
.....uacccuguagcugcuaaggggcguaU.....	6	1	c16
.....uacccuguagcugcuaaggggcguaAu.....	2	1	c16
.....uacccuguagcugcuaaggggcguaUu.....	1	1	c16
.....uacccuguagcugcuaaggggcguUguc.....	1	1	c16

Mature Star

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.....Ccccuguagcugcuaagg.....	10	1	c16
.....Gcccuguagcugcuaagg.....	1	1	c16
.....acccuguagUugcuaagg.....	1	1	c16
.....acccuguagcugUuaaggg.....	1	1	c16
.....acccuguagcugcuaagCg.....	1	1	c16
.....acccuguagcugcuaaggU.....	1	1	c16
.....acccuguagcAgcuaaggg.....	1	1	c16
.....acccuguagcugcuaaggg.....	233	0	c16
.....acccuguagcugcuaGggg.....	2	1	c16
.....Ccccuguagcugcuaaggg.....	173	1	c16
.....acccuguCgcugcuaaggg.....	1	1	c16
.....acccuguagcugcuaaggC.....	1	1	c16
.....acccuguagcuAcuaaggg.....	1	1	c16
.....aUccuguagcugcuaaggg.....	1	1	c16
.....acccuguagcugcuaaggA.....	4	1	c16
.....acccuguagcCgcuaaggg.....	1	1	c16
.....acccCguagcugcuaaggg.....	1	1	c16
.....acccugAagcugcuaaggg.....	1	1	c16
.....acccuCuagcugcuaaggg.....	1	1	c16
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.....acccuguagcugcuaaUggg.....	1	1	c16
.....acUcuguagcugcuaagggg.....	1	1	c16
.....acccuguagcugcuaagggC.....	5	1	c16
.....acccuguagcuCcuaagggg.....	2	1	c16
.....aAccuguagcugcuaagggg.....	1	1	c16
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.....aUccuguagcugcuaagggg.....	1	1	c16
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.....Ccccuguagcugcuaaggggc.....	1693	1	c16
.....acccuguagcugGuaaggggc.....	1	1	c16
.....acccuguagUugcuaaggggc.....	4	1	c16
.....acccuguagcugcuaagggCc.....	1	1	c16
.....aAccuguagcugcuaaggggc.....	1	1	c16
.....acccuguaUcugcuaaggggc.....	2	1	c16
.....acccuguGgcugcuaaggggc.....	2	1	c16
.....acccuguagcugAuaaggggc.....	4	1	c16

Mature Star

guaguuagggucgguagcguacccuguagcugcuaaggggcguaguccuuguaaccgccccugugcugcuacauuguacuuuacugguucccacaugucuucacugaaca

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.....acccuguagcugcuaaggggc.....	1939	0	c16
.....acccuguagcGgcuaaggggc.....	1	1	c16
.....acccuguagAugcuaaggggc.....	3	1	c16
.....acccuUuagcugcuaaggggc.....	1	1	c16
.....acccuguagcugcuaaUgggc.....	1	1	c16
.....acccuguagcugcuaaggCgc.....	4	1	c16
.....acccuguagcugUuaaggggc.....	1	1	c16
.....Ucccuguagcugcuaaggggc.....	3	1	c16
.....acccuCuagcugcuaaggggc.....	6	1	c16
.....acccugAagcugcuaaggggc.....	1	1	c16
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.....acUcuguagcugcuaaggggcg.....	4	1	c16
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.....acccuguagcugcuaaggggcC.....	6	1	c16
.....acccuguagUugcuaaggggcg.....	6	1	c16
.....acccuguCgcugcuaaggggcg.....	3	1	c16
.....acccuguagcugcuaagggUcg.....	8	1	c16
.....acccCguagcugcuaaggggcg.....	5	1	c16
.....acccuguagcugcuaaggggcU.....	147	1	c16
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.....acccuguagcugcuCaggggcg.....	1	1	c16
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.....Ucccuguagcugcuaaggggcg.....	5	1	c16
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Mature Star

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Mature Star

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..................uacccuguagcugcuaaggggcguU.....	5	1	c04
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..................uacccuguagcugcuaaggggcguaU.....	2	1	c04
..................uacccuguagcugcuaaggggcguaUu.....	1	1	c04
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..................uacccuguagcCgcuaaggggcg.....	1	1	c09
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..................uacccuguagcugcuaaggggcgC.....	2	1	c02
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.....acccuguGgcugcuaaggggcg.....	4	1	c15
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.....acccuguagcugcuaagggUcgu.....	1	1	c15
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Mature Star

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.....acccuguagcugcuaaggggcgA..... 189 1 c15

.....acccuguagcugcuaaggggUgu..... 2 1 c15

.....acccuguagcugcuaaggggcgC..... 83 1 c15

.....aAccuguagcugcuaaggggcgu..... 1 1 c15

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.....acccuguagcugcuaaggggcAu..... 16 1 c15

.....acccuguagcugcuaaggggcguU..... 252 1 c15

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.....acccuguagcugcuaaggggcgAa..... 6 1 c15

.....acccuguagcugcuaaggggcguC..... 4 1 c15

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.....acccuguagcugcuaaggggcgAag..... 1 1 c15

.....acccuguagcugcuaaggggcguaA..... 12 1 c15

.....acccuguagcugcuaaggggcguaC..... 1 1 c15

.....acccuguagcugcuaaggggcguaU..... 62 1 c15

.....acccuguagcugcuaaggggcguaAu..... 5 1 c15

.....acccuguagcugcuaaggggcguaUu..... 21 1 c15

.....acccuguagcugcuaaggggcguaCu..... 1 1 c15

.....cccuguagcugcuaaggggc..... 1 0 c15

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.....cccuguagcugcuaaggggcgu..... 1 0 c15

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.....ccccugugUugcuacauugua..... 1 1 c15

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.....ccccugugcugcuacauuAuac..... 1 1 c15

.....ccccugugcugcuacauuguac..... 443 0 c15

.....ccccugugcugcuacauugAac..... 1 1 c15

.....ccccugugcugcuacauuguaU..... 4 1 c15

.....ccccugugcugcuacauuguacu..... 65 0 c15

.....cccUugugcugcuacauuguacu..... 1 1 c15

.....ccccugugcugGuacauuguacu..... 1 1 c15

.....ccccugGgcugcuacauuguacu..... 1 1 c15

.....cccGugugcugcuacauuguacu..... 1 1 c15

.....cccugugcugcuacauuguac..... 7 0 c15

.....cccugugcugcuacauAguacu..... 1 1 c15

.....cccugugcugcuacauuguacu..... 3 0 c15

.....cccugugcugcuacauuguacuu..... 1 0 c15

.....ccugugcugcuacauuguac..... 1 0 c15

.....ccugugcugcuacauuguacuu..... 1 0 c15

.....cugugcugcuacauuguac..... 1 0 c15

.....cugugcugcuacauuguacuuu..... 1 0 c15

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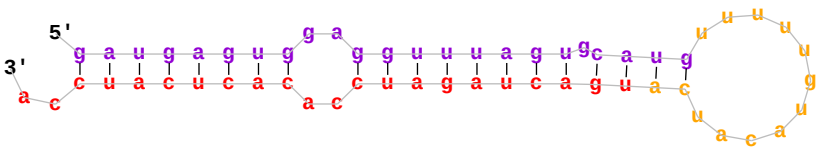
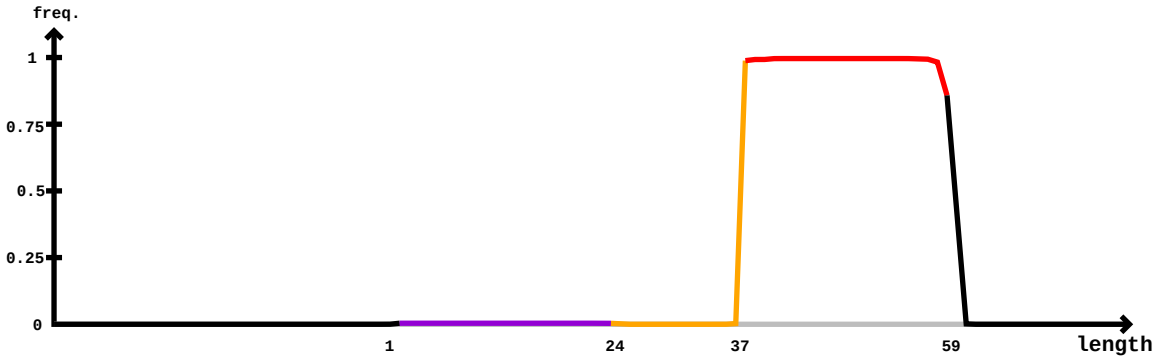
Score for star read(s)	:	3.9
Score for read counts	:	335113.8
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	657323
Mature read count	:	654735
Loop read count	:	0
Star read count	:	2588





Star **Mature**

```
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    cgaaacagcgccggcggaaaggucaauuucuuucgaugaguggaggguuuagugcauguuuuuguacaucaugacuagauccacacucauccauggaaguugcgagguucu        exp
    ...(((..(((.(((......)))(((((((...(((((((..(((((((.(((((...........)))))))))))..)))))))...)))))))))..)))..   reads   mm   sample
    ................................cgaugaguggaggguuuagugc.....................................................   6       0    c16
    ................................cgaugaguggaggguuuagugca....................................................   1       0    c16
    ................................cgaugaguggaggguuuagugcU....................................................   1       1    c16
    ................................cgaugaguggaggguuuagugcau...................................................   10      0    c16
    ................................cgaugaguggaggguuuagugcaA...................................................   1       1    c16
    ................................cgaugaguggaggguuuagugcaug..................................................   11      0    c16
    ................................cgaugaguggaggguuuagugcauUu.................................................   1       1    c16
    ................................gaugaguggaggguuuagu........................................................   3       0    c16
    ................................gaugaguggaggguuuagug.......................................................   1       0    c16
    ................................gaugaguggaggguuuGgugc......................................................   1       1    c16
    ................................gaugaguggaggguuuagugc......................................................   6       0    c16
    ................................gaugaguggaggguuuagugca.....................................................   8       0    c16
    ................................gaugaguggaggguuuagugcau....................................................   39      0    c16
    ................................gaugCguggaggguuuagugcau....................................................   1       1    c16
    ................................gaugaguggaggguuuUgugcaug...................................................   1       1    c16
    ................................gaugaguCgaggguuuagugcaug...................................................   1       1    c16
    ................................gaugaguggaggguuuagugcauU...................................................   11      1    c16
    ................................gaugaguggaggguuuagugcaug...................................................   320     0    c16
    ................................Caugaguggaggguuuagugcaug...................................................   2       1    c16
    ................................gaugaguggaggguuuaguCcaug...................................................   1       1    c16
    ................................gaugaguggaggguuuagugcauUu..................................................   1       1    c16
    ................................gaugaguggaggguuuagugcaugu..................................................   7       0    c16
    ................................gaugaguggaggguuuagugcaugG...................................................   1       1    c16
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    ..................................augaguggaggguuuagugcau....................................................   1       0    c16
    ..................................ugaguggaggguuuagugcauguu...................................................   1       0    c16
    ....................................gaguggaggguuuagugcaug.....................................................   1       0    c16
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    ..............................................................uguacaucaugacuagaucc.............................   1       0    c16
    ................................................................auUaugacuagauccacacucauc.......................   1       1    c16
    ................................................................auAaugacuagauccacacucaucca.....................   1       1    c16
    ................................................................aucUugacuagauccacacucaucca.....................   1       1    c16
    ..................................................................ucaugacuagauccacacucau.......................   1       0    c16
```

Star Mature

cgaaacagcgccggcggaaaggucaauuucuuucgaugaguggaggguuuagugcaguuuuuguacaucaugacuagauccacacucauccauggaaguugcgaggguucu

.....ucCugacuagauccacacucaucc.....	1	1	c16
.....ucUugacuagauccacacucaucca.....	4	1	c16
.....Acaugacuagauccacacucaucca.....	1	1	c16
.....Gcaugacuagauccacacucaucca.....	1	1	c16
.....ucCugacuagauccacacucaucca.....	4	1	c16
.....cCugacuagauccacacucaucc.....	1	1	c16
.....Aaugacuagauccacacucaucca.....	1	1	c16
.....cCugacuagauccacacucaucca.....	3	1	c16
.....cUugacuagauccacacucaucca.....	3	1	c16
.....Cugacuagauccacacuc.....	1	1	c16
.....Cugacuagauccacacucauc.....	20	1	c16
.....Cugacuagauccacacucaucc.....	132	1	c16
.....Uugacuagauccacacucaucc.....	1	1	c16
.....augacuagaucAacacucaucca.....	1	1	c16
.....aGgacuagauccacacucaucca.....	1	1	c16
.....Uugacuagauccacacucaucca.....	6	1	c16
.....Cugacuagauccacacucaucca.....	511	1	c16
.....augacuagauccacacucaucca.....	2	0	c16
.....Uugacuagauccacacucauccau.....	1	1	c16
.....Cugacuagauccacacucauccau.....	17	1	c16
.....ugacuagauccacacucC.....	6	1	c16
.....ugacuagauccacaAuca.....	1	1	c16
.....ugacuagCuccacacuca.....	1	1	c16
.....ugacuagauccCcacuca.....	4	1	c16
.....ugacuagauccaUacuca.....	1	1	c16
.....Agacuagauccacacuca.....	1	1	c16
.....ugacuagauccacacucU.....	2	1	c16
.....ugacuagauAcacacuca.....	1	1	c16
.....ugCcuagauccacacuca.....	1	1	c16
.....ugUcuagauccacacuca.....	1	1	c16
.....ugacuagauccacacucG.....	1	1	c16
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.....ugacuagauccCcacucau.....	4	1	c16
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.....ugacuagauUcacacucau.....	1	1	c16
.....ugacuagauccacacucauG.....	2	1	c16
.....Agacuagauccacacucauc.....	26	1	c16
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.....uCacuagauccacacucauc.....	4	1	c16
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Star Mature

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.....ugacuagauccCcacucauc.....	15	1	c16
.....ugacuagauccacacucCuc.....	8	1	c16
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Star Mature

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.....ugacuagauccacacucauUc.....	15	1	c16
.....ugacuagaucAacacucaucc.....	41	1	c16
.....ugacuagauccacacucaAcc.....	16	1	c16
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.....ugacuagUuccacacucaucca.....	34	1	c16
.....ugacuagauccacacucaAcca.....	55	1	c16
.....ugacuagauccacacucaGcca.....	34	1	c16
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.....ugacuagauccacacAcaucca.....	52	1	c16
.....uCacuagauccacacucaucca.....	135	1	c16
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.....ugacGagauccacacucaucca.....	16	1	c16
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Star Mature

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.....ugacuagauccacUcucaucca.....	34	1	c16
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.....ugacuCgauccacacucaucca.....	4	1	c16
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.....ugacuagauccacaGucaucca.....	10	1	c16
.....ugacuagauccacGcucaucca.....	54	1	c16
.....ugacuagauccacaUucaucca.....	33	1	c16
.....ugacuagauccacacuGaucca.....	18	1	c16
.....ugUcuagauccacacucaucca.....	34	1	c16
.....ugacuagauccacaAucaucca.....	85	1	c16
.....ugacuagauccacacuUaucca.....	84	1	c16
.....ugacuagauccacacucUucca.....	54	1	c16
.....ugacuagauccacacucauUca.....	66	1	c16
.....ugaGuagauccacacucauccau.....	1	1	c16
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.....ugacuagauccacacuUauccau.....	2	1	c16
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.....ugacuagauccacacucauccaG.....	154	1	c16
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.....ugacuagauccacacucaGccau.....	1	1	c16
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Star Mature

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.....gacuagauccacacucauccaG.....	1	1	c16
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.....Agacuagauccacacucaucca.....	63	1	c04
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.....ugaUuagauccacacucaucca.....	4	1	c04
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.....ugacuagauccCcacucaucca.....	106	1	c04
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.....gaugaguggagguuuagugcau.....	2	0	c09
.....gaugaguCgagguuuagugcaug.....	1	1	c09
.....gaugaguggagguuuagugcaug.....	14	0	c09
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.....Ggacuagauccacacuca.....	12	1	c09
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.....ugacuagauccacacucG.....	1	1	c09
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.....uCacuagauccacacucaucc.....	2	1	c09
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.....ugacuagauAcacacucaucca.....	52	1	c09

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.....gUcuagauccacacucaucca.....	1	1	c09
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.....cuagauccacGcucaucca.....	1	1	c09
.....cuagaAccacacucaucca.....	2	1	c09
.....cuagauccacacucCucca.....	1	1	c09
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.....cuagauccacCcucaucca.....	4	1	c09
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.....cuagauccacacucauccU.....	1	1	c09
.....Auagauccacacucaucca.....	1	1	c09
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Agacuagauccacacucauc	5	1	c02
ugCcuagauccacacucauc	2	1	c02
uAacuagauccacacucauc	1	1	c02
ugaUuagauccacacucaucc	1	1	c02
ugacuagaGccacacucaucc	1	1	c02
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ugacuagauccacacucGucc	2	1	c02
ugacuagauccacUcucaucc	2	1	c02
ugacuagauAcacacucaucc	10	1	c02
ugacuaUauccacacucaucc	1	1	c02
ugacuagauccacacuAaucc	5	1	c02
ugacuagauccacaAucaucc	8	1	c02
ugacuagauccacacuUaucc	1	1	c02
ugaGuagauccacacucaucc	1	1	c02
ugacuagauccaUacucaucc	8	1	c02
ugacGagauccacacucaucc	1	1	c02
ugacuagauccacGcucaucc	5	1	c02
ugacuagaAccacacucaucc	1	1	c02
ugacuagauccacaGucaucc	1	1	c02
ugacuagCuccacacucaucc	6	1	c02
ugacuagauccacacucaucG	3	1	c02
ugacAagauccacacucaucc	2	1	c02
Ggacuagauccacacucaucc	842	1	c02
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ugacuagauccacacucauAc	8	1	c02
ugacuagaCccacacucaucc	1	1	c02
ugacuagauccacacucCucc	21	1	c02
ugacuagauccacacucaucU	4	1	c02
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ugacuagauccacacucaucA	20	1	c02
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Agacuagauccacacucaucc	49	1	c02
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ugacuagaucUacacucaucc	2	1	c02
ugGcuagauccacacucaucc	1	1	c02
uAacuagauccacacucaucc	2	1	c02
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ugaAuagauccacacucaucc	7	1	c02
ugacuagauccGcacucaucc	7	1	c02
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ugacCagauccacacucaucc	2	1	c02
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ugUcuagauccacacucaucc	1	1	c02
ugacuagauccacCcucaucc	54	1	c02
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ugacuagauccUcacucaucc	1	1	c02
ugacuCgauccacacucaucca	1	1	c02
ugacuagUuccacacucaucca	4	1	c02
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Star Mature

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Star Mature

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.....ugacuaCauccacacucaucca.....	13	1	c15
.....ugacuagauccacacucaucca.....	240072	0	c15
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.....ugacuagauccacacucauccCu.....	2	1	c15
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.....ugacAagauccacacucauccau.....	2	1	c15
.....ugUcuagauccacacucauccau.....	1	1	c15
.....ugacuUgauccacacucauccau.....	2	1	c15
.....ugacuagauccacacuAauccau.....	1	1	c15
.....ugacuaAauccacacucauccau.....	1	1	c15
.....ugacuGgauccacacucauccau.....	2	1	c15
.....ugacuagauccacGcucauccau.....	1	1	c15
.....ugacuagauccacacucaucUau.....	2	1	c15

Star Mature

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.....ugacuagauccacacucUuccau.....	1	1	c15
.....ugacuagauccacacAcauccau.....	1	1	c15
.....ugacuagauccacacucauccaA.....	1260	1	c15
.....ugacuagauccacacucauccau.....	3180	0	c15
.....ugacuagauccaGacucauccau.....	1	1	c15
.....ugacuagauccUcacucauccau.....	1	1	c15
.....ugacuagauccacacucaucAau.....	3	1	c15
.....ugacuagauccGcacucauccau.....	1	1	c15
.....Ggacuagauccacacucauccau.....	1	1	c15
.....ugacuagauAcacacucauccau.....	1	1	c15
.....ugaGuagauccacacucauccau.....	2	1	c15
.....Cgacuagauccacacucauccau.....	4	1	c15
.....ugacuagauccacacucauGcau.....	1	1	c15
.....Agacuagauccacacucauccau.....	2	1	c15
.....ugacuagauccacacucauAcau.....	4	1	c15
.....ugacuagauccaUacucauccau.....	3	1	c15
.....uAacuagauccacacucauccau.....	2	1	c15
.....ugacuagauccacacucauccUu.....	14	1	c15
.....ugacuagaAccacacucauccau.....	2	1	c15
.....ugacuagauccacacucauccaG.....	8	1	c15
.....ugacuagGuccacacucauccau.....	1	1	c15
.....ugacuagauccacacucauccauA.....	80	1	c15
.....ugacuagauccacacucauccauU.....	116	1	c15
.....ugacuagauccacacucauccaug.....	3	0	c15
.....ugacuagauccacacucauccauC.....	10	1	c15
.....ugacuagauccacacucauccaGg.....	1	1	c15
.....ugacuagauccacacucauccaAg.....	1	1	c15
.....ugacuagauccacacucauccaGgg.....	1	1	c15
.....ugacuagauccacacucauccaugA.....	1	1	c15
.....ugacuagauccacacucauccaugg.....	2	0	c15
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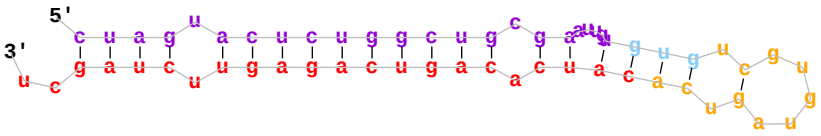
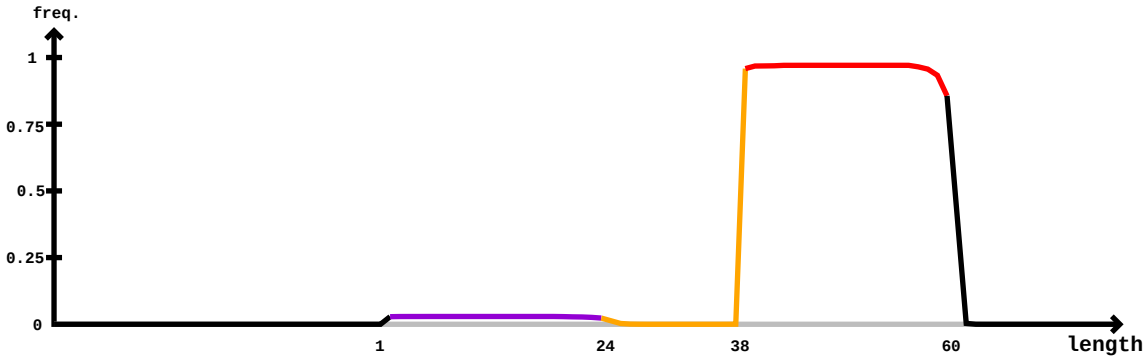
.....ugacuagauccacacucauccaAgga.....	1	1	c15
.....gacuagauccacacucauc.....	3	0	c15
.....gacuagauccacacucauU.....	1	1	c15
.....gacuagauccacacucaucA.....	1	1	c15
.....gacuagauccacacucaucU.....	1	1	c15
.....gacuagauccacacucaucc.....	93	0	c15
.....Uacuagauccacacucaucca.....	8	1	c15
.....gacuaAauccacacucaucca.....	2	1	c15
.....gacuagauccacacucaCcca.....	3	1	c15
.....gacuagauccacacucauccG.....	5	1	c15
.....gacCagauccacacucaucca.....	2	1	c15
.....gacuagauccacacuUaucca.....	1	1	c15
.....gacuagauccacacCcaucca.....	3	1	c15
.....gacuagauccacacucaucca.....	1455	0	c15
.....gacuagauccacacucUucca.....	1	1	c15
.....gacuagauccacacucaucGa.....	2	1	c15
.....gGcuagauccacacucaucca.....	2	1	c15
.....gacuagauccacacucauccU.....	9	1	c15
.....gacuagauccacGcucaucca.....	4	1	c15
.....gacuagauccacacucauccC.....	2	1	c15
.....gacuagauccacacucCucca.....	2	1	c15
.....gacuagauccacacAcaucca.....	3	1	c15
.....gacuaUauccacacucaucca.....	3	1	c15
.....gacuagaucUacacucaucca.....	1	1	c15
.....gacuagauccacacucauUca.....	1	1	c15
.....gacuagauccacacucaucAa.....	23	1	c15
.....Aacuagauccacacucaucca.....	1	1	c15
.....gacuagauccacacucaucUa.....	1	1	c15
.....gacuagauccacacucauccaA.....	8	1	c15
.....gacuagauccacacucauccau.....	21	0	c15
.....gacuagauccacacucauccaC.....	1	1	c15
.....gacuagauccacacucauccauA.....	1	1	c15
.....gacuagauccacacucauccauU.....	2	1	c15
.....acuagauccacacucaucca.....	6	0	c15
.....cuagauccacacucaucAa.....	2	1	c15
.....cuagauccacacucaucca.....	18	0	c15
.....cuagauccGcacucaucca.....	1	1	c15
.....uagauccacacucaucca.....	15	0	c15
.....uagauccacacucauccaA.....	1	1	c15

Star
Mature
cgaaacagcgccggcggaaaggucaauuucuuucgaugaguggaggguuuagugcaauguuuuuguacaucaugacuagauccacacucaucca uggaaguugcgagguucu
.....cucauccauggaaguugcga..... 1 0 c15

Provisional ID	:	group3_6421
Score total	:	240684.5
Score for star read(s)	:	3.9
Score for read counts	:	240673.8
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	472083
Mature read count	:	458283
Loop read count	:	0
Star read count	:	13800





Star **Mature**

```
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    uaccacgcgaggugugaggugcucgucucguggcuaguacucuggcugcgaauuguguucguguaguca caucacagucagaguucuagcuacgcggcgcggccggcg        exp
    ...(((((...))))).(((.(.((((.((((((((((.((((((((((.((....((((.(.....).)))))).)))))))))).)))))))))).)))).)))).....  reads    mm    sample
    ................................cuaguacucuggcugAga.....................................................................  1        1     c02
    ................................cuaguacucuggcugcga.....................................................................  70       0     c02
    ................................cuaguacucuggcCgcga.....................................................................  2        1     c02
    ................................cuaguacucugAcugcga.....................................................................  1        1     c02
    ................................cuaguacucuggcugcgaa.....................................................................  107      0     c02
    ................................cuaguacucuCgcugcgaa.....................................................................  2        1     c02
    ................................cuaguacucuggcuCcgaa.....................................................................  1        1     c02
    ................................cCaguacucuggcugcgaa.....................................................................  2        1     c02
    ................................cuaguacucuggcugAgaa.....................................................................  2        1     c02
    ................................cuaguacucugCcugcgaau....................................................................  1        1     c02
    ................................cuaguacucuggcugcgaaG....................................................................  2        1     c02
    ................................cuaguacucuggcugcgaau.....................................................................  32       0     c02
    ................................cuaguacucuggcugcUaauu....................................................................  1        1     c02
    ................................cuaguacucuggAugcgaauu....................................................................  1        1     c02
    ................................cuaguacucuggcugcgaUuu....................................................................  1        1     c02
    ................................cuaguacucuggcugcgaauu....................................................................  114      0     c02
    ................................cuaguacucuggcugcgaauG....................................................................  1        1     c02
    ................................cuaguacucugUcugcgaauu....................................................................  1        1     c02
    ................................cuaguacucuggcugcgaauuC...................................................................  2        1     c02
    ................................cuaguacucuggcCgcgaauug...................................................................  1        1     c02
    ................................cuaAuacucuggcugcgaauug...................................................................  1        1     c02
    ................................cuaguacucuggcugcgaauuA...................................................................  1        1     c02
    ................................cuaguacucuggcugcCaauug...................................................................  1        1     c02
    ................................cuaguacucuggcugcgaauuU...................................................................  3        1     c02
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    ................................cuaguaAucuggcugcgaauug...................................................................  1        1     c02
    ................................cuaguacucuggcuCcgaauug...................................................................  1        1     c02
    ................................cuaguacucugCcugcgaauug...................................................................  1        1     c02
    ................................cAaguacucuggcugcgaauugu..................................................................  2        1     c02
    ................................cuaguacucuggcCgcgaauugu..................................................................  2        1     c02
    ................................cCaguacucuggcugcgaauugu..................................................................  3        1     c02
    ................................Uuaguacucuggcugcgaauugu...................................................................  1        1     c02
```

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

.....cuaguacucuggcugcUaauugu.....	2	1	c02
.....cuaguacucuggcugcgaaAugu.....	1	1	c02
.....cuaguacucuggcuCcgaauugu.....	5	1	c02
.....cuaguacucuggcugcgaauuCu.....	1	1	c02
.....cuaguacucugCcugcgaauugu.....	2	1	c02
.....cuaguacucuggcugcgaauugA.....	9	1	c02
.....cuaguacuAuggcugcgaauugu.....	1	1	c02
.....cuaguacucuggAugcgaauugu.....	1	1	c02
.....cuaguacucuggcugcgaaGugu.....	1	1	c02
.....cuaguacucuggcugUgaauugu.....	1	1	c02
.....cuaguacucuggcugcgaGuugu.....	1	1	c02
.....cuaCuacucuggcugcgaauugu.....	2	1	c02
.....cuaguacucuggcugcgaauugu.....	1395	0	c02
.....cuaguaGucuggcugcgaauugu.....	1	1	c02
.....cuaguacucuggcugAgaauugu.....	6	1	c02
.....cuaguacucugUcugcgaauugu.....	3	1	c02
.....cuaguacucuggcugGgaauugu.....	1	1	c02
.....cuaguacucuggcuAcgaauugu.....	3	1	c02
.....cuaguacucuggcugcgaauuUu.....	1	1	c02
.....cuaguacucuggcugcCaauugu.....	1	1	c02
.....cuaguacucuggcugcgaauuguA.....	17	1	c02
.....cuaguacucuggcugcgaauugug.....	116	0	c02
.....cuaguacucuggcugAgaauugug.....	1	1	c02
.....cuaguacucuggcugcgaauuCug.....	2	1	c02
.....cuaguacucuggcAgcgaauugug.....	1	1	c02
.....cuaguacucuggcugcgaauuguU.....	50	1	c02
.....cuaguacucuggcugcgaauuguC.....	1	1	c02
.....cuaguacucuggcuCcgaauugug.....	1	1	c02
.....cuaguacucuggcugcgaUuugug.....	1	1	c02
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.....cuagAacucuggcugcgaauugugu.....	1	1	c02
.....cuaguacucuggcugcgaauugugG.....	1	1	c02
.....cuaguacucuggcugcgaauuguAu.....	6	1	c02
.....cuaguacucuggcugcgaauuguUu.....	11	1	c02
.....cuaguacucuggcugcgaauugAgu.....	1	1	c02
.....cuaCuacucuggcugcgaauugugu.....	1	1	c02
.....cuaguacucuggcugcgaauugugA.....	7	1	c02
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.....cuaguacucuggcugcgaauuguguU.....	7	1	c02
.....cuaguacucuggcugcgaauuguguA.....	1	1	c02
.....cuaguacucuggcugcgaauugugug.....	3	0	c02
.....cuaguacucuggcugcgaauuguguUu.....	2	1	c02
.....uaguacucuggcugcgaa.....	2	0	c02
.....uaguacucuggcugcgaauu.....	5	0	c02
.....uaguacucuggcugcgaauug.....	4	0	c02
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.....uaguacucuggcugcgaauugug.....	9	0	c02
.....Gaguacucuggcugcgaauugug.....	1	1	c02
.....uaguacucuggcugcgaauuguAu.....	1	1	c02
.....uaguacucuggcugcgaauugugA.....	1	1	c02
.....uaguacucuggcugcgaauugugG.....	1	1	c02
.....Gaguacucuggcugcgaauugugu.....	1	1	c02
.....uaguacucuggcugcgaauuguguU.....	1	1	c02
.....aguacucuggcugcgaauugug.....	1	0	c02
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.....guacucuggcugcgaauugu.....	2	0	c02
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.....ucCcaucacagucagaguucu.....	1	1	c02
.....ucGcaucacagucagaguucuagcu.....	1	1	c02
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.....acaucacagucagaguucua.....	2	0	c02
.....acaucacagucagaguucuag.....	4	0	c02
.....Ccaucacagucagaguucuagc.....	2	1	c02
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Star Mature

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.....acaucacagucagagguucuagcu.....	5	0	c02
.....acaucacagucagagguucuagcuU.....	1	1	c02
.....caucacagAcagaguucu.....	1	1	c02
.....cCucacagucagaguucu.....	1	1	c02
.....caucacagucagaCuucu.....	3	1	c02
.....cauAacagucagaguucu.....	1	1	c02
.....caucacaCucagaguucu.....	2	1	c02
.....caucacagucagaguAcu.....	1	1	c02
.....AaucacagucagaguucU.....	1	1	c02
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.....caucacagucagaguucA.....	1	1	c02
.....caucCcagucagaguucu.....	1	1	c02
.....caucacagucagaUuucu.....	2	1	c02
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.....caucacagucagaguuAua.....	2	1	c02
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.....caucCcagucagaguucua.....	2	1	c02
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.....caucacagucagaguAcua.....	1	1	c02
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.....caucacagucagaguucuaU.....	4	1	c02
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.....cGucacagucagaguucuagc.....	1	1	c02
.....caucacaguGagaguucuagc.....	1	1	c02
.....caucacagucagaguucuagU.....	10	1	c02

Star Mature

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.....caucacagucagaguucuaCc.....	8	1	c02
.....caucacagucaUaguucuagc.....	2	1	c02
.....caucacagucagaguucuaUc.....	9	1	c02
.....caucacagucagaAuucuagc.....	1	1	c02
.....Gaucacagucagaguucuagc.....	2	1	c02
.....caucacagucagaguuAuagc.....	15	1	c02
.....caucacagucGgaguucuagc.....	3	1	c02
.....caucacagucagaguGcuagc.....	1	1	c02
.....caucCcagucagaguucuagc.....	19	1	c02
.....caucacaguAagaguucuagc.....	6	1	c02
.....caucacagucagaguuUuagc.....	2	1	c02
.....caucaUagucagaguucuagc.....	1	1	c02
.....caucacagucagagCucuagc.....	4	1	c02
.....caucacagucagaguucuagc.....	7707	0	c02
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.....caucacagucagaguucuagA.....	39	1	c02
.....caucacagucagaCuucuagc.....	14	1	c02
.....caucacagucagagAucuagc.....	8	1	c02
.....caucacagucaAaguucuagc.....	1	1	c02
.....caucacagucagaUuucuagc.....	2	1	c02
.....caucacagAcagaguucuagc.....	7	1	c02
.....cauUacagucagaguucuagc.....	5	1	c02
.....caucaAagucagaguucuagc.....	16	1	c02
.....cauAacagucagaguucuagc.....	24	1	c02
.....caucacaguUagaguucuagc.....	1	1	c02
.....cUucacagucagaguucuagc.....	2	1	c02
.....Aaucacagucagaguucuagc.....	5	1	c02
.....caucacagucagaguucuagG.....	3	1	c02
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.....caucacagucagaguuGuagc.....	1	1	c02
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.....caucGcagucagaguucuagc.....	2	1	c02
.....caucacagucagaguucCagc.....	3	1	c02
.....caucacagucagaguucGagc.....	2	1	c02
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.....caucacagucagaguucuGgc.....	3	1	c02
.....cauGacagucagaguucuagc.....	4	1	c02
.....caucacagGcagaguucuagc.....	1	1	c02
.....caCcacagucagaguucuagc.....	2	1	c02
.....caucacagucagagGucuagc.....	3	1	c02
.....caucacagucUgaguucuagc.....	1	1	c02
.....caucacagucagaguCcuagc.....	1	1	c02
.....caucacaCucagaguucuagc.....	9	1	c02
.....caucacagucagaguucAagc.....	4	1	c02
.....caucacagucagUguucuagc.....	2	1	c02
.....caucacagucagaguucuagUu.....	21	1	c02
.....caucacagucagaguGcuagcu.....	10	1	c02
.....caucacaguUagaguucuagcu.....	17	1	c02
.....caucacCgucagaguucuagcu.....	6	1	c02
.....caucacagucagCguucuagcu.....	17	1	c02
.....caucacagucagaAuucuagcu.....	10	1	c02
.....caGcacagucagaguucuagcu.....	4	1	c02
.....caucGcagucagaguucuagcu.....	23	1	c02
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.....caucacagucagaguucuUgcu.....	6	1	c02
.....caucacagucagGguucuagcu.....	20	1	c02
.....caucacagucagaguucuagcG.....	12	1	c02
.....caucacagucagaguucuagAu.....	112	1	c02
.....cGucacagucagaguucuagcu.....	10	1	c02
.....caucacagucagaguucuGgcu.....	28	1	c02
.....caucacagucagaCuucuagcu.....	94	1	c02
.....caucacagucagaguucuaAcu.....	3	1	c02
.....caucacagCcagaguucuagcu.....	21	1	c02
.....caucacagucagaguuGuagcu.....	8	1	c02
.....caucacagAcagaguucuagcu.....	42	1	c02
.....cUucacagucagaguucuagcu.....	8	1	c02
.....Aaucacagucagaguucuagcu.....	52	1	c02
.....caucacagucagaguuAuagcu.....	99	1	c02
.....caucacagucaUaguucuagcu.....	14	1	c02

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagaguucuagcuacgcggcgcggccggcg

.....caucacGgucagaguucuagcu.....	14	1	c02
.....caucacagGcagaguucuagcu.....	8	1	c02
.....caucacagucaAaguucuagcu.....	3	1	c02
.....caucacagucagaUuucuagcu.....	13	1	c02
.....caucacagucGgaguucuagcu.....	24	1	c02
.....caucacagucagaguucuagcC.....	26	1	c02
.....caucaAagucagaguucuagcu.....	88	1	c02
.....cauAacagucagaguucuagcu.....	186	1	c02
.....caucCcagucagaguucuagcu.....	159	1	c02
.....cauUacagucagaguucuagcu.....	23	1	c02
.....caucacaguGagaguucuagcu.....	9	1	c02
.....caCcacagucagaguucuagcu.....	11	1	c02
.....caucacagucagaguAcuagcu.....	29	1	c02
.....caucacagucagaguucAagcu.....	21	1	c02
.....cCucacagucagaguucuagcu.....	48	1	c02
.....caucacagucagaguucCagcu.....	10	1	c02
.....caucacagucagaguucuagGu.....	12	1	c02
.....caucaUagucagaguucuagcu.....	30	1	c02
.....caucacagucCgaguucuagcu.....	12	1	c02
.....caucacagucagagCucuagcu.....	18	1	c02
.....caucaGagucagaguucuagcu.....	3	1	c02
.....caucacagucagaguucuCgcu.....	20	1	c02
.....caucacagucagaguucuagcA.....	229	1	c02
.....cauGacagucagaguucuagcu.....	6	1	c02
.....caucacaCucagaguucuagcu.....	76	1	c02
.....Uaucacagucagaguucuagcu.....	15	1	c02
.....caucacaguAagaguucuagcu.....	42	1	c02
.....caAcacagucagaguucuagcu.....	47	1	c02
.....caucUcagucagaguucuagcu.....	12	1	c02
.....caucacagucagagGucuagcu.....	25	1	c02
.....caucacaAucagaguucuagcu.....	9	1	c02
.....caucacagucagaguucuaCcu.....	66	1	c02
.....caucacagucagagAucuagcu.....	55	1	c02
.....caucacaUucagaguucuagcu.....	20	1	c02
.....caucacagucagUguucuagcu.....	6	1	c02
.....caucacagucUgaguucuagcu.....	6	1	c02
.....caucacagucagaguuUuagcu.....	15	1	c02
.....caucacagucagaguucuagcu.....	50792	0	c02
.....caucacagucaCaguucuagcu.....	27	1	c02
.....caucacagucagaguCcuagcu.....	10	1	c02
.....caucacagucagaguucuaUcu.....	38	1	c02
.....caucacUgucagaguucuagcu.....	11	1	c02
.....caucacagucagaguucGagcu.....	5	1	c02
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.....caucacagucagaguucuaUcua.....	3	1	c02
.....cCucacagucagaguucuagcua.....	1	1	c02
.....caucacagAcagaguucuagcua.....	1	1	c02
.....caucacagucagaCuucuagcua.....	1	1	c02
.....caucacagucagaguucuagcCa.....	4	1	c02
.....caucGcagucagaguucuagcua.....	1	1	c02
.....caucacagucagaguucuagcuC.....	64	1	c02
.....caucacagucagaguuAuagcua.....	1	1	c02
.....caucacagucagaguucuagcuU.....	1981	1	c02
.....caucacagucagaguucuagAua.....	3	1	c02
.....caucacagucagaUuucuagcua.....	1	1	c02
.....cauAacagucagaguucuagcua.....	3	1	c02
.....caucaAagucagaguucuagcua.....	2	1	c02
.....caucacagucagaguucuagcua.....	555	0	c02
.....caucacagucGgaguucuagcua.....	1	1	c02
.....caucacaguUagaguucuagcua.....	1	1	c02
.....caucCcagucagaguucuagcua.....	4	1	c02
.....caucacaguGagaguucuagcua.....	1	1	c02
.....caucacagucagaguucuagcAa.....	5	1	c02
.....caAcacagucagaguucuagcua.....	2	1	c02
.....caucacagucagaguucuagcuG.....	28	1	c02
.....Aaucacagucagaguucuagcua.....	2	1	c02
.....caucacagucagaguucuagcuaU.....	72	1	c02
.....caucacagucagaguucuagcuUc.....	8	1	c02
.....caucacagucagaguucuagcuCc.....	1	1	c02
.....caucacagucagaguucuagcuac.....	6	0	c02

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

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.....caucacaguAagaguucuagcuac.....	1	1	c02
.....caucacagucagaguucuagcuacg.....	1	0	c02
.....aucacagucagaguucua.....	7	0	c02
.....Cucacagucagaguucua.....	1	1	c02
.....aucacagucagaguucuag.....	22	0	c02
.....Cucacagucagaguucuag.....	2	1	c02
.....aucacagucagaguucuagc.....	66	0	c02
.....Cucacagucagaguucuagc.....	2	1	c02
.....auUacagucagaguucuagc.....	2	1	c02
.....auUacagucagaguucuagcu.....	1	1	c02
.....aucacagucagaguucuagcu.....	350	0	c02
.....aucacagucagaguucuagcA.....	3	1	c02
.....aucacaguAagaguucuagcu.....	1	1	c02
.....aucacagucagaCuucuagcu.....	2	1	c02
.....aucacagucagaguucuaCcu.....	2	1	c02
.....aucacagucagCguucuagcu.....	1	1	c02
.....aucacagucagGguucuagcu.....	1	1	c02
.....aucacagucagaguucuagAu.....	1	1	c02
.....aCcacagucagaguucuagcu.....	1	1	c02
.....Cucacagucagaguucuagcu.....	40	1	c02
.....aucacagucagagAucuagcu.....	1	1	c02
.....aucacagucagaguucuagcuU.....	21	1	c02
.....aucacagucagaguucuagcua.....	5	0	c02
.....aucacagucagaguucuagcGa.....	1	1	c02
.....Cucacagucagaguucuagcua.....	1	1	c02
.....aucacagucagaguucuagcAa.....	1	1	c02
.....Gcacagucagaguucuag.....	1	1	c02
.....ucacagucagaguucuag.....	2	0	c02
.....Ccacagucagaguucuag.....	2	1	c02
.....ucacagucagaguucuagc.....	10	0	c02
.....ucacaguAagaguucuagc.....	1	1	c02
.....Acacagucagaguucuagc.....	1	1	c02
.....ucacagucagaguucuagcu.....	26	0	c02
.....Gcacagucagaguucuagcu.....	2	1	c02
.....ucacagucagaguucuagcA.....	1	1	c02
.....ucacaUucagaguucuagcua.....	1	1	c02
.....ucacagucagaguucuagcua.....	1	0	c02
.....ucacagucagaguucuagcuU.....	3	1	c02
.....cacagucagaguucuagc.....	3	0	c02
.....cacagucagaguucuagcu.....	27	0	c02
.....cacagucagaguucuagcuU.....	1	1	c02
.....acagucagaguucAagcu.....	1	1	c02
.....Ucagucagaguucuagcu.....	1	1	c02
.....acagucagaguucuagcA.....	1	1	c02
.....Ccagucagaguucuagcu.....	26	1	c02
.....acaguAagaguucuagcu.....	1	1	c02
.....acagucagaguucuagcu.....	82	0	c02
.....acagucagagAucuagcu.....	1	1	c02
.....acagucagaguucuagcua.....	3	0	c02
.....acagucagaguucuagcuU.....	6	1	c02
.....acagucagaguucuagcuacgcg.....	1	0	c02
.....cagucagaguucuagcuU.....	1	1	c02
.....cagucagaguucuagcua.....	1	0	c02
.....agucagaguucuagcuaU.....	2	1	c02

.....aggugugaggugcucgucucgugg.....	1	0	c15
.....ugugaggugcucgucucgugg.....	1	0	c15
.....gugaggugcucgucucgugg.....	3	0	c15
.....ugaggugcucgucucgugg.....	1	0	c15
.....gcuaguacucuggcugcgaauu.....	1	0	c15
.....cuaguacucuggcugcga.....	3	0	c15
.....cuaguacucuggcugcgU.....	1	1	c15
.....cuaguacucuggcugcgaU.....	1	1	c15
.....cuaguacucuggcugcgaa.....	7	0	c15
.....cuaguacucuggcugcgUau.....	1	1	c15
.....cuaguacucuggcugcgaau.....	52	0	c15
.....cuaguacucuggcugcgaUu.....	2	1	c15
.....cuaguacucuggcugcgaauu.....	148	0	c15
.....cuaguacucuggcuUcgaauu.....	1	1	c15

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

.....**cuaguaAucuggcugcgaauu**.....	1	1	c15
.....**cuaguaGucuggcugcgaauu**.....	1	1	c15
.....**cuaguacucuggcuAcgaauu**.....	1	1	c15
.....**cuaguaUucuggcugcgaauug**.....	1	1	c15
.....**cuaguacucuggcugcgaauug**.....	213	0	c15
.....**cuaguacucuggcugcgaauuC**.....	1	1	c15
.....**cuaguacucuggcugcgaauuA**.....	13	1	c15
.....**Uuaguacucuggcugcgaauug**.....	1	1	c15
.....**cuaguacucuggcugcgaauuU**.....	17	1	c15
.....**cuaguacucuggcugcgaauugA**.....	10	1	c15
.....**cuaguacucuggcugUgaauugu**.....	1	1	c15
.....**Uuaguacucuggcugcgaauugu**.....	1	1	c15
.....**cuaguacucuAgcugcgaauugu**.....	1	1	c15
.....**cuaguacucuggcugcgaauuAu**.....	1	1	c15
.....**cuaguacucuggcugcgaauugu**.....	1343	0	c15
.....**cCaguacucuggcugcgaauugu**.....	2	1	c15
.....**cuaguacucuggcugcgaCuugu**.....	1	1	c15
.....**cuaguacucuggcugcgaauugC**.....	8	1	c15
.....**cuaguacucuggcugcgaGuugu**.....	1	1	c15
.....**cuaguacucugUcugcgaauugu**.....	1	1	c15
.....**Auaguacucuggcugcgaauugu**.....	2	1	c15
.....**cuaguacucuggcugcgaauuUu**.....	8	1	c15
.....**cuaguacucuggcAgcgaauugu**.....	1	1	c15
.....**cuaAuacucuggcugcgaauugu**.....	2	1	c15
.....**cuaguGcucuggcugcgaauugu**.....	1	1	c15
.....**cuaguacGcuggcugcgaauugug**.....	1	1	c15
.....**Auaguacucuggcugcgaauugug**.....	1	1	c15
.....**Uuaguacucuggcugcgaauugug**.....	2	1	c15
.....**cuaguacucuggcugcgaaCugug**.....	1	1	c15
.....**cuaguacucuggcugAgaauugug**.....	1	1	c15
.....**cuaguacucuggcugcgaauugAg**.....	3	1	c15
.....**cuaguacucuggcugcgaauuguC**.....	7	1	c15
.....**cuaguacucuggcuUcgaauugug**.....	1	1	c15
.....**cuaguGcucuggcugcgaauugug**.....	1	1	c15
.....**cuaguacucuggcugcgaauGgug**.....	1	1	c15
.....**cuaguacucuggUugcgaauugug**.....	2	1	c15
.....**cuaguacucuggcugcgaauCgug**.....	1	1	c15
.....**cuaguacucAggcugcgaauugug**.....	2	1	c15
.....**cuagAacucuggcugcgaauugug**.....	1	1	c15
.....**cuaguacucuggGugcgaauugug**.....	1	1	c15
.....**cuaguacucCggcugcgaauugug**.....	1	1	c15
.....**cuaguacucuggcugcgaauugug**.....	1205	0	c15
.....**cuaguacucuggcugcgaauuAug**.....	1	1	c15
.....**cuaguacucuUgcugcgaauugug**.....	1	1	c15
.....**cuaguacAcuggcugcgaauugug**.....	2	1	c15
.....**cuaguacucuggcugcgaauuguA**.....	61	1	c15
.....**cAaguacucuggcugcgaauugug**.....	1	1	c15
.....**cuaguacucuggcugcgaaGugug**.....	1	1	c15
.....**cuaguacucuggcugcgaauuguU**.....	77	1	c15
.....**cuaguacucuggcugcgaauugugC**.....	7	1	c15
.....**cuaguacucuggcugcgaaGugugu**.....	1	1	c15
.....**cuaguacucugUcugcgaauugugu**.....	1	1	c15
.....**cuaguacucuggcugcgaUuugugu**.....	1	1	c15
.....**cuaguacucuggcugcgaauugugA**.....	24	1	c15
.....**cuaguacucuggcugcgaauuguCu**.....	2	1	c15
.....**cuaAuacucuggcugcgaauugugu**.....	1	1	c15
.....**cuaguacucuggcugcgaauuguUu**.....	58	1	c15
.....**Uuaguacucuggcugcgaauugugu**.....	2	1	c15
.....**cuaguacucuggcugcgaauugugG**.....	1	1	c15
.....**cAaguacucuggcugcgaauugugu**.....	1	1	c15
.....**cuaguacucuggcugcgaauugugu**.....	453	0	c15
.....**cuaguacucAggcugcgaauugugu**.....	1	1	c15
.....**Auaguacucuggcugcgaauugugu**.....	2	1	c15
.....**cuaguacucuggcugcgaauuguAu**.....	14	1	c15
.....**cuaguacucuggcugcgaauuguguU**.....	75	1	c15
.....**cuaguacucuggcugcgaauuguguA**.....	7	1	c15
.....**cuaguacucuggcugcgaauuguguC**.....	2	1	c15
.....**cuaguacucuggcugcgaauugugug**.....	85	0	c15
.....**cuaguacucuggcugcgaauuguguCu**.....	2	1	c15
.....**cuaguacucuggcugcgaauuguguAu**.....	6	1	c15

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugugugucguguagucacaucacagucagaguucuagcu**acgcggcgcggccggcg

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....cuaguacucuggcugcgaauuguguUu....	47	1	c15
....cuaguacucuggcugcgaauuguguCuc....	1	1	c15
....cuaguacucuggcugcgaauuguguguU....	1	1	c15
....cuaguacucuggcugcgaauuguguUuc....	1	1	c15
....uaguacucuggcugcgaau....	1	0	c15
....uaguacucuggcugcgaauu....	5	0	c15
....uaguacucuggcugcgaauuU....	2	1	c15
....uaguacucuggcugcgaauug....	22	0	c15
....uaguacucuggcugcgaauuA....	1	1	c15
....uaguacucuggcugcgaauugu....	38	0	c15
....uaguacucuggcugcgaauuUu....	1	1	c15
....uaguacucuggcugcgaauuguU....	2	1	c15
....uaguacucuggcugcgaauugug....	54	0	c15
....uaguacucuggcugUgaauugug....	1	1	c15
....uaguacucuggcugcgaauuguA....	4	1	c15
....uaguacucuggcugcgaauuguUu....	1	1	c15
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....aguacucuggcugcgaauugu....	5	0	c15
....aguacucuggcugcgaauugug....	20	0	c15
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....aguacucuggcugcgaauugugu....	14	0	c15
....aguacucuggcugcgaauugugC....	2	1	c15
....aguacucuggcugcgaauugugug....	2	0	c15
....Uacaucacagucagaguucuag....	1	1	c15
....cacaucacagucagaguucuag....	1	0	c15
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....acaucacagucagaguucuagc....	14	0	c15
....Ccaucacagucagaguucuagc....	1	1	c15
....Ccaucacagucagaguucuagcu....	19	1	c15
....acaucacagucagaguucuagcA....	1	1	c15
....Ucaucacagucagaguucuagcu....	2	1	c15
....acaucacagucagaguucuagcu....	11	0	c15
....acaucacagucagaguucuagcuU....	2	1	c15
....caucacagucagGguucu....	1	1	c15
....Uaucacagucagaguucu....	1	1	c15
....caucacagucagaguucA....	6	1	c15
....caucacagucagaguucu....	116	0	c15
....caucacagucagaguucAa....	3	1	c15
....caucacGgucagaguucua....	1	1	c15
....caucGcagucagaguucua....	2	1	c15
....caucacagucagaguucua....	199	0	c15
....caucacagucagaguucCa....	1	1	c15
....caucacagucagaguucuU....	1	1	c15
....caucaUagucagaguucuag....	1	1	c15
....caucacagucGgaguucuag....	1	1	c15
....cGucacagucagaguucuag....	3	1	c15
....caucacagucaAaguucuag....	1	1	c15
....Uaucacagucagaguucuag....	3	1	c15
....caAcacagucagaguucuag....	1	1	c15
....caucacagucagaguucuaC....	16	1	c15
....caucacaguAagaguucuag....	2	1	c15
....caucacagucagaguucuag....	1781	0	c15
....caucacagucagagAucuag....	1	1	c15
....caucacagucagaguucuaA....	20	1	c15
....caucacagucagUguucuag....	1	1	c15
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....cauUacagucagaguucuag....	3	1	c15
....cUucacagucagaguucuag....	1	1	c15
....caucacagucUgaguucuag....	1	1	c15
....caucacagucagaguucuaU....	3	1	c15
....caucacagucagaguuGuag....	1	1	c15
....caucacUgucagaguucuag....	1	1	c15
....Aaucacagucagaguucuag....	3	1	c15
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....caucacagucagGguucuag....	2	1	c15
....caucacagCcagaguucuag....	1	1	c15
....caucacagucaUaguucuag....	1	1	c15

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

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.....caucacagucagaguucuUg.....	1	1	c15
.....caucacagucagaAuucuagc.....	1	1	c15
.....caucGcagucagaguucuagc.....	2	1	c15
.....caucacagucGgaguucuagc.....	7	1	c15
.....caucaAagucagaguucuagc.....	2	1	c15
.....caucacagucagaguucuGgc.....	2	1	c15
.....caAcacagucagaguucuagc.....	1	1	c15
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.....caucacaguAagaguucuagc.....	1	1	c15
.....cGucacagucagaguucuagc.....	6	1	c15
.....caucacagucagaguuGuagc.....	1	1	c15
.....caucacaAucagaguucuagc.....	2	1	c15
.....caucacGgucagaguucuagc.....	3	1	c15
.....caucacagucagaguucuaUc.....	9	1	c15
.....caucacagucUgaguucuagc.....	3	1	c15
.....caucacaguUagaguucuagc.....	2	1	c15
.....caucacagucagaguGcuagc.....	1	1	c15
.....caucacUgucagaguucuagc.....	1	1	c15
.....caucacagucagaguucAagc.....	4	1	c15
.....caucacagucagaguuAuagc.....	1	1	c15
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.....caucacagCcagaguucuagc.....	1	1	c15
.....caucacagucagagGucuagc.....	1	1	c15
.....caucacagucagaguucuaCc.....	1	1	c15
.....caucacagucCgaguucuagc.....	1	1	c15
.....caucaUagucagaguucuagc.....	6	1	c15
.....caucacagucagaguucuaAc.....	8	1	c15
.....caucacagucagGguucuagc.....	5	1	c15
.....Uaucacagucagaguucuagc.....	12	1	c15
.....cauAacagucagaguucuagc.....	1	1	c15
.....caucacaCucagaguucuagc.....	1	1	c15
.....caucacagucagaguucuagc.....	8738	0	c15
.....caucacaUucagaguucuagc.....	5	1	c15
.....caucacagucagaguAcuagc.....	2	1	c15
.....caucacagucagaguucuagU.....	35	1	c15
.....caucacagucagaguucuagA.....	16	1	c15
.....caucacagAcagaguucuagc.....	1	1	c15
.....caucacagucaUaguucuagc.....	1	1	c15
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.....caucacagucagaguAcuagcu.....	20	1	c15
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.....caucacagGcagaguucuagcu.....	28	1	c15
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.....cUucacagucagaguucuagcu.....	68	1	c15
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.....caucacagucaCaguucuagcu.....	11	1	c15
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.....caucacagucagaguucAagcu.....	21	1	c15

Star Mature

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.....caucacCgucagaguucuagcu.....	8	1	c15
.....cGucacagucagaguucuagcu.....	134	1	c15
.....caucacagAcagaguucuagcu.....	45	1	c15
.....caucacagucagaguucuGgcu.....	72	1	c15
.....caucacagucagagGucuagcu.....	37	1	c15
.....caucacagucagagCucuagcu.....	78	1	c15
.....caucacagucGgaguucuagcu.....	56	1	c15
.....caucacaCucagaguucuagcu.....	15	1	c15
.....caGcacagucagaguucuagcu.....	1	1	c15
.....caucacagucagaguucGagcu.....	4	1	c15
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.....caucacagucagaguucuagcA.....	3496	1	c15
.....caucacagucagaguucuaAcu.....	43	1	c15
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.....caucCcagucagaguucuagcu.....	4	1	c15
.....caucacagucagaguucuagcG.....	289	1	c15
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.....caucacagucagaguGcuagcua.....	1	1	c15
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.....caucacagucagaguucuagcuG.....	8	1	c15
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.....caucacagucagaguucuagUua.....	1	1	c15
.....caucacagucagaguucuagcua.....	1087	0	c15
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Star Mature

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.....aucacagucagaguucuaC.....	1	1	c15
.....aucacagucagaguucuag.....	17	0	c15
.....aucacagucagaguucuagc.....	104	0	c15
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.....cagucagaguucuagcuU.....	3	1	c15

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.....cuaguacucuggcugAga.....	2	1	c16
.....cuaguacucuggcugcgC.....	1	1	c16
.....cuaguacucugCcugcga.....	1	1	c16
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Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagaguucuagcuacgcggcgcggccggcg

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.....**cuaguacucuggcugcga**.....	129	0	c16
.....**cuaguacucuggcugcgU**.....	2	1	c16
.....**cuaguacucugCcugcgaa**.....	1	1	c16
.....**cuaguacucuggcugcgUa**.....	1	1	c16
.....**cuaguacucuggcugcgaU**.....	2	1	c16
.....**cuaguacucuggcugAgaa**.....	2	1	c16
.....**cuaguacucuggcugcgaa**.....	197	0	c16
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.....**cuaguCcucuggcugcgaa**.....	2	1	c16
.....**cuaguacucuggcGgcgaau**.....	1	1	c16
.....**cuaguacucuggcugcgaaA**.....	1	1	c16
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.....**cuaguacucuggcugcCaau**.....	1	1	c16
.....**cuaguacucuggcuCcgaau**.....	1	1	c16
.....**cuaguacucuggcugcgaau**.....	104	0	c16
.....**cuaguacucuggcugAgaau**.....	3	1	c16
.....**cuaCuacucuggcugcgaauu**.....	1	1	c16
.....**cuaguacucuggcCgcgaauu**.....	1	1	c16
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.....**cuaguCcucuggcugcgaauug**.....	1	1	c16
.....**cuaguacucuCgcugcgaauug**.....	2	1	c16
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.....**cuaguacucuggcugUgaauug**.....	2	1	c16
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.....**cuaguacucuggcugcgaauugA**.....	7	1	c16
.....**cuaguacucuggcugcgUauugu**.....	2	1	c16
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.....**cuaguGcucuggcugcgaauugu**.....	2	1	c16
.....**cuaguacucuggcugcgaauugC**.....	2	1	c16
.....**cuaguacucugUcugcgaauugu**.....	2	1	c16
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.....**cuaCuacucuggcugcgaauugu**.....	4	1	c16
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.....**cuaguaUucuggcugcgaauugu**.....	3	1	c16
.....**cuaguacucGggcugcgaauugu**.....	1	1	c16
.....**cuaguacucuggcugcAaauugu**.....	1	1	c16
.....**cuaguacucuggcugcgaauuCu**.....	8	1	c16

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagaguucuagcuacgcggcgcggccggcg

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.....cuaguacucuggAugcgaauugu.....	5	1	c16
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.....cuaguacucuggcuCcgaauugu.....	2	1	c16
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Star Mature

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.....Ccaucacagucagaguucuagcu.....	12	1	c16
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.....caucacaAucagaguucu.....	1	1	c16
.....cCucacagucagaguucu.....	1	1	c16
.....caucacagucagaguuGu.....	2	1	c16
.....caucacGgucagaguucu.....	1	1	c16
.....caucaAagucagaguucu.....	1	1	c16
.....caucGcagucagaguucu.....	3	1	c16
.....caucacaguUagaguucu.....	1	1	c16
.....caucacagucagagGucu.....	1	1	c16
.....cauAacagucagaguucu.....	3	1	c16
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.....caucacagucagaCuucu.....	4	1	c16
.....caucacagucagaguuAu.....	1	1	c16
.....caAcacagucagaguucua.....	2	1	c16
.....caucacUgucagaguucua.....	1	1	c16
.....caucacaUucagaguucua.....	2	1	c16
.....caucacagucagagAucua.....	3	1	c16

Star Mature

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.....caucacaguAagaguucua..... 2 1 c16
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.....caucacCgucagaguucua..... 1 1 c16
.....Aaucacagucagaguucua..... 1 1 c16
.....caucCcagucagaguucua..... 4 1 c16
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.....caucacagucagaguucuU..... 7 1 c16
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.....caucacagucagagCucua..... 1 1 c16
.....caucacagucagaguucuG..... 1 1 c16
.....caucacagucagaguucua..... 1320 0 c16
.....caucacagucagaguucuC..... 3 1 c16
.....caucacagucagaguuAua..... 5 1 c16
.....caucacagucaUaguucua..... 1 1 c16
.....caucacGgucagaguucua..... 1 1 c16
.....cauAacagucagaguucua..... 6 1 c16
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.....caucaAagucagaguucua..... 2 1 c16
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.....caucacagucagagAucuag..... 6 1 c16
.....caucacagucUgaguucuag..... 1 1 c16
.....caucacagucagagCucuag..... 3 1 c16
.....cauUacagucagaguucuag..... 2 1 c16
.....caucacagucagaguuUuag..... 2 1 c16
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.....caucUcagucagaguucuag..... 1 1 c16
.....cauGacagucagaguucuag..... 2 1 c16
.....caucacagucagaguucuaU..... 3 1 c16
.....caucacagucGgaguucuag..... 4 1 c16
.....caucacagAcagaguucuag..... 2 1 c16
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.....caucacUgucagaguucuag..... 1 1 c16
.....caucacagucagagGucuag..... 2 1 c16
.....caucacagucagCguucuag..... 2 1 c16
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.....caucaGagucagaguucuag..... 1 1 c16
.....caCcacagucagaguucuag..... 1 1 c16
.....caucacagucagaguucuaA..... 4 1 c16
.....caucacagucagaguucCag..... 5 1 c16
.....caucacagGcagaguucuag..... 2 1 c16
.....caucacagucagaguucuGg..... 2 1 c16
.....caucacagucagaUuucuag..... 4 1 c16
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.....caucacagucagaCuucuag..... 10 1 c16
.....caucacagucagaguucGag..... 2 1 c16
.....Aaucacagucagaguucuag..... 4 1 c16
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Star Mature

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.....caucacagucagCguucuagc.....	6	1	c16
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.....caucaAagucagaguucuagc.....	19	1	c16
.....cauUacagucagaguucuagc.....	5	1	c16
.....caAcacagucagaguucuagc.....	10	1	c16
.....caucGcagucagaguucuagc.....	5	1	c16
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.....Uaucacagucagaguucuagc.....	7	1	c16
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.....caucacagucagaguucuagcu.....	72189	0	c16
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.....caucacCgucagaguucuagcu.....	8	1	c16
.....caucacagucagaguucCagcu.....	20	1	c16
.....caucacagucagaguuUuagcu.....	24	1	c16

Star Mature

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.....caucacaCucagaguucuagcu.....	107	1	c16
.....caucacagucagaguucAagcu.....	37	1	c16
.....caucacagucagagCucuagcu.....	22	1	c16
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.....caucacaguGagaguucuagcu.....	16	1	c16
.....caucacagAcagaguucuagcu.....	60	1	c16
.....caucacaguAagaguucuagcu.....	88	1	c16
.....caucacagucagaguucuagcA.....	1235	1	c16
.....caucCcagucagaguucuagcu.....	232	1	c16
.....caucacagucagaguucuCgcu.....	19	1	c16
.....caucacagucagaUuucuagcu.....	20	1	c16
.....caucacagucagaguucGagcu.....	9	1	c16
.....caucacaguUagaguucuagcu.....	19	1	c16
.....caucacagucagagGucuagcu.....	25	1	c16
.....caucacagucagaguucuagcC.....	36	1	c16
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.....caucacagucaCaguucuagcu.....	33	1	c16
.....caucacagucagaguCcuagcu.....	20	1	c16
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.....caucacagucagCguucuagcu.....	26	1	c16
.....caucacagucagaguucuagGu.....	22	1	c16
.....caucacagucagaguucuagAu.....	153	1	c16
.....caucacagucagaguucuGgcu.....	38	1	c16
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.....caucacagCcagaguucuagcu.....	13	1	c16
.....caucacagucagaguuAuagcu.....	150	1	c16
.....cGucacagucagaguucuagcu.....	23	1	c16
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.....caucacagucagaguucuaCcu.....	91	1	c16
.....caucacagucagaguAcuagcu.....	42	1	c16
.....caucacagucagGguucuagcu.....	17	1	c16
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.....caucacagucagUguucuagcu.....	11	1	c16
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.....caucacaguGagaguucuagcua.....	3	1	c16
.....cauAacagucagaguucuagcua.....	29	1	c16
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.....caucacagucagaguucuagUua.....	1	1	c16
.....caucacagGcagaguucuagcua.....	1	1	c16
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Star Mature

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.....caucacagucagaguucuaCcua.....	7	1	c16
.....caucacagucagaguuGuagcua.....	2	1	c16
.....caucacagucUgaguucuagcua.....	1	1	c16
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.....caucacagucagaguGcuagcua.....	2	1	c16
.....caucacagucagaguucuagcua.....	4749	0	c16
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.....caucacagucagaguucuagGua.....	5	1	c16
.....caucaAagucagaguucuagcua.....	8	1	c16
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.....caucacagucagaguucuagcuC.....	132	1	c16
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.....cauUacagucagaguucuagcua.....	1	1	c16
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.....caAcacagucagaguucuagcua.....	6	1	c16
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.....caucacagucagaguucuagcuU.....	3010	1	c16
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.....caucacagucagaguucuagcuG.....	46	1	c16
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Star Mature

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.....aucacagucagaguucuagcG.....	1	1	c16
.....aucacaguAagaguucuagcu.....	1	1	c16
.....auUacagucagaguucuagcu.....	1	1	c16
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.....acagucagaguucuagcuU.....	5	1	c16
.....acagucagaguucuagcuaA.....	1	1	c16
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.....**cuaguacucuggcugcgaauug**.....	34	0	c04
.....**cuaguaAucuggcugcgaauugu**.....	1	1	c04
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.....**cuaguacucuggcugcgaauugA**.....	1	1	c04
.....**cuaguacucuggcuCcgaauugu**.....	1	1	c04
.....**cuaguacucuggcugcgaauuguU**.....	8	1	c04
.....**cuGguacucuggcugcgaauugug**.....	1	1	c04
.....**cuaguacucuggcugcgaauugug**.....	60	0	c04
.....**cuaguacucuggcugcgaauuguC**.....	1	1	c04
.....**cuaguacucuggcugcgaauuguA**.....	8	1	c04
.....**cuaguacucuggAugcgaauugug**.....	1	1	c04
.....**cuaguacucuggcugcgaauugugu**.....	17	0	c04
.....**cuaguacucuggcugcgaauuguUu**.....	1	1	c04
.....**cuaguacucuggcugcgaauugugA**.....	1	1	c04
.....**cuaguacucuggcugcgaauuguguU**.....	2	1	c04

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

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.....uaguacucuggcugcgaauugu.....	4	0	c04
.....uaguacucuggcugcgaauugug.....	2	0	c04
.....uaguacucuggcugcgaauugugu.....	1	0	c04
.....aguacucuggcugcgaauugug.....	1	0	c04
.....guacucuggcugcgaauu.....	1	0	c04
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.....acucuggcugcgaauugu.....	1	0	c04
.....acucuggcugcgaauugug.....	1	0	c04
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.....agucUcaucacagucagaguucuagcu.....	1	1	c04
.....uGacaucacagucagaguucuagcu.....	1	1	c04
.....Ccaucacagucagaguucuagc.....	1	1	c04
.....acaucacagucagaguucuagc.....	1	0	c04
.....Ccaucacagucagaguucuagcu.....	1	1	c04
.....acaucacagucagaguucuagcu.....	2	0	c04
.....caucaAagucagaguucu.....	1	1	c04
.....caucacagucaUaguucu.....	1	1	c04
.....caucacagucagagAucu.....	1	1	c04
.....caucacagucagaguucA.....	1	1	c04
.....caucacagucUgaguucu.....	1	1	c04
.....caucacagucagaguuUu.....	2	1	c04
.....caucacagucagaguucu.....	174	0	c04
.....cauGacagucagaguucu.....	1	1	c04
.....caucacagucagaguucC.....	3	1	c04
.....caAcacagucagaguucu.....	1	1	c04
.....caucacagucagaguucuU.....	4	1	c04
.....caucacaAucagaguucua.....	1	1	c04
.....caucacagucagaguucua.....	247	0	c04
.....caucacagucagaCuucua.....	2	1	c04
.....caucacagucagUguucua.....	1	1	c04
.....caucacagucagaguucuC.....	2	1	c04
.....cUucacagucagaguucua.....	1	1	c04
.....caucacagucagaguucuG.....	2	1	c04
.....caucCcagucagaguucua.....	1	1	c04
.....cauAacagucagaguucua.....	2	1	c04
.....caucacagucagaguucuGg.....	1	1	c04
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.....caucacagucagaguucuaA.....	1	1	c04
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.....caucacagucagaguucCagc.....	1	1	c04
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.....caucacagucagagAucuagc.....	2	1	c04
.....caucacagucagaAuucuagc.....	1	1	c04
.....caucGcagucagaguucuagc.....	2	1	c04
.....caAcacagucagaguucuagc.....	2	1	c04
.....caucacagucagaguucuCgc.....	1	1	c04
.....caucacagucaAaguucuagc.....	1	1	c04
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.....caucacagucagaguuAuagc.....	4	1	c04
.....Uaucacagucagaguucuagc.....	1	1	c04
.....caucacagucagaguucuaAc.....	1	1	c04
.....caucacagucagagGucuagc.....	1	1	c04
.....caucacagucGgaguucuagc.....	1	1	c04
.....caucacagucagaUuucuagc.....	1	1	c04
.....caucCcagucagaguucuagc.....	3	1	c04
.....caucacagucagaguAcuagc.....	4	1	c04

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

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.....cUucacagucagaguucuagc.....	1	1	c04
.....caucacagucUgaguucuagc.....	1	1	c04
.....caucacagucagaCuucuagc.....	1	1	c04
.....caucacagCcagaguucuagcu.....	3	1	c04
.....caucacagucagaguucAagcu.....	1	1	c04
.....caucacagucagaguucuagUu.....	4	1	c04
.....caucacagucagaCuucuagcu.....	18	1	c04
.....caucacagucagagCucuagcu.....	2	1	c04
.....caucCcagucagaguucuagcu.....	17	1	c04
.....caucacagucagaguuAuagcu.....	13	1	c04
.....caucacagucGgaguucuagcu.....	4	1	c04
.....caucacagucaAaguucuagcu.....	3	1	c04
.....caucacaguUagaguucuagcu.....	4	1	c04
.....cauAacagucagaguucuagcu.....	22	1	c04
.....caucacaguAagaguucuagcu.....	6	1	c04
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.....caucacagucagaguucuagAu.....	19	1	c04
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.....caucaUagucagaguucuagcu.....	1	1	c04
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.....caucacagucagaguucuCgcu.....	3	1	c04
.....cCucacagucagaguucuagcu.....	3	1	c04
.....caucacagucagaguCcuagcu.....	4	1	c04
.....Uaucacagucagaguucuagcu.....	4	1	c04
.....caucacagucagaguucuaAcu.....	1	1	c04
.....caucacagucagGguucuagcu.....	2	1	c04
.....caucacagucagaguucuaUcu.....	5	1	c04
.....caucacagucagagAucuagcu.....	4	1	c04
.....caucaAagucagaguucuagcu.....	14	1	c04
.....caucacagucagaguucuGgcu.....	1	1	c04
.....cUucacagucagaguucuagcu.....	1	1	c04
.....cauUacagucagaguucuagcu.....	3	1	c04
.....caucacagucagaguucCagcu.....	1	1	c04
.....caucacGgucagaguucuagcu.....	6	1	c04
.....caucacagucagCguucuagcu.....	2	1	c04
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.....caucacagucagaUuucuagcu.....	5	1	c04
.....cGucacagucagaguucuagcu.....	3	1	c04
.....caucacagucagaguucuagcG.....	5	1	c04
.....caucacagucagaguucuagcC.....	6	1	c04
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.....caucacagucagaguucuagcuG.....	8	1	c04
.....caucacagucagaguucAagcua.....	1	1	c04
.....caucacagucagGguucuagcua.....	1	1	c04
.....cauAacagucagaguucuagcua.....	4	1	c04
.....caucacagucagagAucuagcua.....	1	1	c04
.....caucGcagucagaguucuagcua.....	2	1	c04
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.....caucacagucagaguucCagcua.....	1	1	c04
.....caucacagucagaguucuaCcua.....	1	1	c04
.....caucUcagucagaguucuagcua.....	1	1	c04

Star Mature

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.....caucCcagucagaguucuagcua.....	1	1	c04
.....caucacagucagaCuucuagcua.....	2	1	c04
.....caucacagucagaguucuUgcua.....	1	1	c04
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.....caucacagucagaguucuagcGa.....	1	1	c04
.....caAcacagucagaguucuagcua.....	2	1	c04
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.....caucacagucagaguucuagcuaU.....	61	1	c04
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.....caucacagucagaguucuagcuaA.....	286	1	c04
.....caucacagucagaguucuagcuaG.....	10	1	c04
.....caucacagucagaguucuagcuaGg.....	1	1	c04
.....caucacagucagaguucuagcuGcg.....	1	1	c04
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.....auUacagucagaguucuagcu.....	1	1	c04
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.....aucacagucagaguucuagcuU.....	3	1	c04
.....aucacagucagaguucuagcua.....	14	0	c04
.....aucacagucagaguucuagcAa.....	3	1	c04
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.....ucacagucagaguucuag.....	2	0	c04
.....ucacagucagaguucuagc.....	2	0	c04
.....uUacagucagaguucuagc.....	1	1	c04
.....Gcacagucagaguucuagcu.....	1	1	c04
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.....cacagucagaguucuagcua.....	1	0	c04
.....cacagucagaguucuagcuU.....	1	1	c04
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.....acagucagaguucuagcuU.....	4	1	c04
.....acagucagaguucuagcua.....	8	0	c04
.....acagucagaguucuagcuaA.....	2	1	c04
.....acagucagaguucuagcuaU.....	1	1	c04
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.....cuUguacucuggcugcgaa.....	1	1	c09
.....cuaguacucuggcugcgaC.....	2	1	c09
.....cuaguacucuggcugcgaa.....	49	0	c09
.....cuaCuacucuggcugcgaa.....	1	1	c09
.....cuaguacucuggcugcgaau.....	26	0	c09
.....cuaguacucuggcugcgaaC.....	1	1	c09
.....cuaguacucuggcugcAaauu.....	1	1	c09

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

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.....cuaguacucuggcugcgaauuU.....	1	1	c09
.....cuaguacucuggcugcgaauuC.....	1	1	c09
.....cuaguacucuggcugcgaauug.....	83	0	c09
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.....cuaguacucuggcugcAaauug.....	1	1	c09
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.....cuaguacucugCcugcgaauugu.....	1	1	c09
.....cuaCuacucuggcugcgaauugu.....	2	1	c09
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.....cauAacagucagaguucu.....	1	1	c09
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.....caucacagucagagCucu.....	1	1	c09
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.....caucacagucagaguuUu.....	1	1	c09
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Star Mature

uaccacgcgaggugugaggugcucgucucguggcuaguacucuggcugcgaauuguguucgugguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

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.....caucacagucagaguCcu.....	1	1	c09
.....caucaAagucagaguucu.....	2	1	c09
.....caucacagucagaCuucu.....	1	1	c09
.....caucacagucagaguAcu.....	2	1	c09
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.....caucacagucaAaguucua.....	1	1	c09
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.....cauAacagucagaguucuag.....	1	1	c09
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.....caucacagucagCguucuag.....	2	1	c09
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.....caucacagucagaguucuaA.....	6	1	c09
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.....caucacagucagaAuucuag.....	1	1	c09
.....caucaUagucagaguucuag.....	1	1	c09
.....caucacaUucagaguucuagc.....	3	1	c09
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.....caucCcagucagaguucuagc.....	5	1	c09
.....caucacagucagCguucuagc.....	2	1	c09
.....caucaAagucagaguucuagc.....	7	1	c09
.....caucacagucagaguucCagc.....	3	1	c09
.....caucacagucagaguAcuagc.....	2	1	c09
.....caucacagucagagCucuagc.....	3	1	c09
.....caucacaguUagaguucuagc.....	1	1	c09
.....caucacagucagagAucuagc.....	3	1	c09
.....Gaucacagucagaguucuagc.....	1	1	c09
.....caucacGgucagaguucuagc.....	3	1	c09
.....caCcacagucagaguucuagc.....	1	1	c09
.....caucacagucagaguucuagc.....	5553	0	c09

Star Mature

uaccacgcgaggugugaggugcucgucucguggcuaguacucuggcugcgaauuguguucguguaguucacaucacagucagagguucuagcuacgcggcgcggccggcg

.....caucacagucagagguucuagA.....	18	1	c09
.....cCucacagucagagguucuagc.....	4	1	c09
.....caucacagucaAaguucuagc.....	1	1	c09
.....Aaucacagucagagguucuagc.....	3	1	c09
.....caucaUagucagagguucuagc.....	3	1	c09
.....caucacagAcagagguucuagc.....	3	1	c09
.....caucacagucagaguucuCgc.....	2	1	c09
.....cUucacagucagagguucuagc.....	2	1	c09
.....caucGcagucagagguucuagc.....	5	1	c09
.....caucacagGcagagguucuagc.....	2	1	c09
.....caucacagucagaguucuaAc.....	2	1	c09
.....caucacagucagaCuucuagc.....	5	1	c09
.....caucacagucagaguucuaUc.....	3	1	c09
.....caucacagucagaguucAagc.....	3	1	c09
.....caucacagucagagguucuagG.....	3	1	c09
.....cGucacagucagagguucuagc.....	2	1	c09
.....caucacagucagaguuAuagc.....	5	1	c09
.....caucacagucagaAuucuagc.....	1	1	c09
.....caucacagucagagGucuagc.....	1	1	c09
.....caucUcagucagagguucuagc.....	1	1	c09
.....caucacaCucagagguucuagc.....	2	1	c09
.....cauAacagucagagguucuagc.....	12	1	c09
.....caucacagucagagguucuagU.....	3	1	c09
.....caucacagucagaUuucuagc.....	1	1	c09
.....caucacaguAagagguucuagc.....	2	1	c09
.....Uaucacagucagagguucuagc.....	6	1	c09
.....caGcacagucagagguucuagc.....	1	1	c09
.....caucacCgucagagguucuagc.....	3	1	c09
.....caucacagucagaguucuaCc.....	6	1	c09
.....caucacagucagaguucuGgc.....	1	1	c09
.....caucacaAucagagguucuagc.....	2	1	c09
.....cauUacagucagagguucuagc.....	2	1	c09
.....caucacagucGgagguucuagc.....	4	1	c09
.....caucacagucagaguuGuagc.....	1	1	c09
.....caucacagucaCaguucuagc.....	3	1	c09
.....caucacagucagagguucuagcu.....	36483	0	c09
.....caucacagucGgagguucuagcu.....	18	1	c09
.....cauUacagucagagguucuagcu.....	13	1	c09
.....caucaAagucagagguucuagcu.....	46	1	c09
.....caucacagucagagguucuagcG.....	8	1	c09
.....caucacagGcagagguucuagcu.....	4	1	c09
.....caGcacagucagagguucuagcu.....	4	1	c09
.....caucacagucUgagguucuagcu.....	5	1	c09
.....caucacagucagaguAcuagcu.....	14	1	c09
.....caucacGgucagagguucuagcu.....	11	1	c09
.....caucacagucagaguGcuagcu.....	3	1	c09
.....caucacagucCgaguucuagcu.....	7	1	c09
.....Uaucacagucagagguucuagcu.....	27	1	c09
.....caucacagucagagGucuagcu.....	12	1	c09
.....caucGcagucagagguucuagcu.....	17	1	c09
.....caucacagucagGguucuagcu.....	13	1	c09
.....caAcacagucagagguucuagcu.....	30	1	c09
.....caucacaguGagagguucuagcu.....	6	1	c09
.....caucacagucagaAuucuagcu.....	5	1	c09
.....caucacagucagaguCcuagcu.....	6	1	c09
.....caucacagucagaguucCagcu.....	14	1	c09
.....caucacagucagaguuUuagcu.....	10	1	c09
.....caucUcagucagagguucuagcu.....	10	1	c09
.....caucacagucagaguucuaCcu.....	43	1	c09
.....caucaGagucagagguucuagcu.....	3	1	c09
.....caucacagucagaUuucuagcu.....	16	1	c09
.....caucacagucagaguucGagcu.....	4	1	c09
.....caucacagucagaguucuaUcu.....	19	1	c09
.....caucacagucagaguuGuagcu.....	5	1	c09
.....caucacagucagaguucuagGu.....	3	1	c09
.....caCcacagucagagguucuagcu.....	8	1	c09
.....caucCcagucagagguucuagcu.....	80	1	c09
.....caucacUgucagagguucuagcu.....	5	1	c09
.....caucacagucagagguucuagcA.....	111	1	c09
.....caucacagucaAaguucuagcu.....	4	1	c09

Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagagguucuagcuacgcggcgcggccggcg

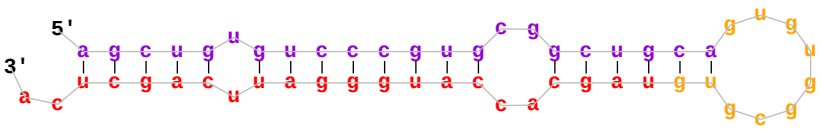
.....cCucacagucagaguucuagcu.....	18	1	c09
.....caucacaguAagaguucuagcu.....	25	1	c09
.....caucacaCucagaguucuagcu.....	37	1	c09
.....Aaucacagucagaguucuagcu.....	28	1	c09
.....caucacaguUagaguucuagcu.....	14	1	c09
.....caucacagCcagaguucuagcu.....	6	1	c09
.....caucacagucagagCucuagcu.....	7	1	c09
.....cauGacagucagaguucuagcu.....	1	1	c09
.....caucacagucagagAucuagcu.....	21	1	c09
.....caucacaUucagaguucuagcu.....	8	1	c09
.....cauAacagucagaguucuagcu.....	104	1	c09
.....caucacCgucagaguucuagcu.....	8	1	c09
.....caucacagucagaguucuUgcu.....	8	1	c09
.....cGucacagucagaguucuagcu.....	6	1	c09
.....caucacagucagaCuucuagcu.....	58	1	c09
.....caucacagucagaguucuagcC.....	36	1	c09
.....caucacagucaCaguucuagcu.....	18	1	c09
.....caucacagucagaguucuCgcu.....	7	1	c09
.....caucaUagucagaguucuagcu.....	11	1	c09
.....caucacagucagCguucuagcu.....	6	1	c09
.....Gaucacagucagaguucuagcu.....	2	1	c09
.....caucacagucaUaguucuagcu.....	14	1	c09
.....caucacagAcagaguucuagcu.....	19	1	c09
.....caucacaAucagaguucuagcu.....	8	1	c09
.....cUucacagucagaguucuagcu.....	12	1	c09
.....caucacagucagaguucuGgcu.....	10	1	c09
.....caucacagucagaguucAagcu.....	19	1	c09
.....caucacagucagaguucuagUu.....	20	1	c09
.....caucacagucagaguucuagAu.....	74	1	c09
.....caucacagucagaguuAuagcu.....	50	1	c09
.....caucacagucagUguucuagcu.....	6	1	c09
.....caucacagucagaguucuaAcu.....	2	1	c09
.....caucacagucagaCuucuagcua.....	1	1	c09
.....caucacagucagaguucuGgcua.....	1	1	c09
.....cauUacagucagaguucuagcua.....	1	1	c09
.....caucacaCucagaguucuagcua.....	1	1	c09
.....caucacagucagaguucuagcuG.....	49	1	c09
.....caucacagucagagAucuagcua.....	1	1	c09
.....caucacagucagaguucuagcuC.....	82	1	c09
.....caucacagucagaguucuagcua.....	399	0	c09
.....caucacagucagaguuAuagcua.....	1	1	c09
.....caAcacagucagaguucuagcua.....	1	1	c09
.....caucacagucagaguucuagcCa.....	3	1	c09
.....caucacagucagaguucuaCcua.....	1	1	c09
.....cauAacagucagaguucuagcua.....	2	1	c09
.....caucacagucagaguucuagcuU.....	1263	1	c09
.....caucacagucagaUuucuagcua.....	1	1	c09
.....caucacagucagaguucuagAua.....	1	1	c09
.....caucGcagucagaguucuagcua.....	1	1	c09
.....caucaAagucagaguucuagcua.....	2	1	c09
.....caucacagucagaguucuagcAa.....	6	1	c09
.....caucacaguAagaguucuagcua.....	1	1	c09
.....caucacagucagaguucGagcua.....	1	1	c09
.....caucacagucagaguucuagcuaG.....	8	1	c09
.....caucacagucagaguucuagcuaU.....	34	1	c09
.....caucacagucagaguucuagcuaA.....	28	1	c09
.....caucacagucagaguucuagcuUc.....	11	1	c09
.....caucacagucagaguucuagcuCc.....	2	1	c09
.....caucacagucagaguucuagcuGc.....	6	1	c09
.....caucacagucagaguucuagcuac.....	6	0	c09
.....caucacagucagaguucuagcuacA.....	1	1	c09
.....caucacagucagaguucuagcuacC.....	1	1	c09
.....caucacagucagaguucuagcuacgc.....	1	0	c09
.....caucacagucagaguucuagcuacCc.....	1	1	c09
.....caucacagucagaguucuagcuacgUgg.....	1	1	c09
.....aucacagucagaguucua.....	3	0	c09
.....aucacagucagaguucuag.....	11	0	c09
.....auUacagucagaguucuag.....	1	1	c09
.....aucacagucagaguucuagc.....	51	0	c09
.....auUacagucagaguucuagc.....	1	1	c09

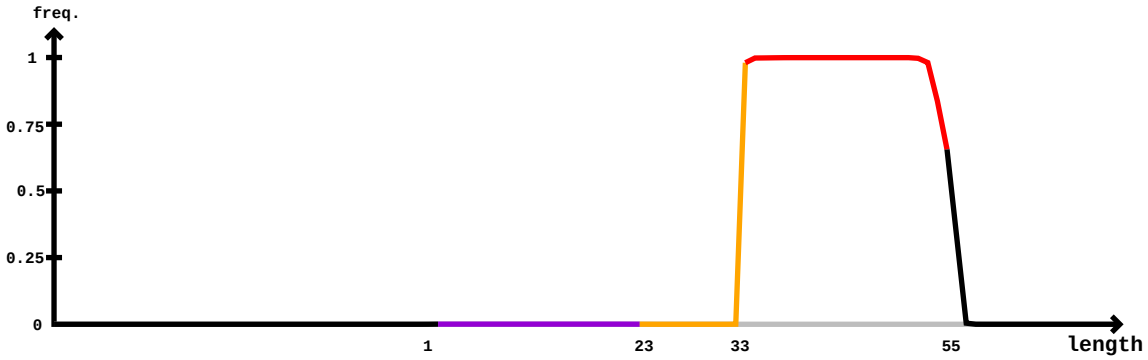
Star Mature

uaccacgcgaggugugaggugcucgucucgugg**cuaguacucuggcugcgaauugu**gugucguguagucacaucacagucagaguucuagcuacgcggcgcggccggcg

.....aucacagAcagaguucuagc.....	1	1	c09
.....aCcacagucagaguucuagcu.....	1	1	c09
.....aucacagucagaguucuagcA.....	1	1	c09
.....auGacagucagaguucuagcu.....	1	1	c09
.....auUacagucagaguucuagcu.....	1	1	c09
.....aucacagucagGguucuagcu.....	1	1	c09
.....Cucacagucagaguucuagcu.....	18	1	c09
.....aucacagucagaguucuagcu.....	287	0	c09
.....aucGcagucagaguucuagcu.....	1	1	c09
.....aucacagucagaguucuagcua.....	4	0	c09
.....aucacagucagaguucuagcuU.....	20	1	c09
.....aucacagucagaguucuagcuC.....	2	1	c09
.....aucacagucagaguucuagcuCc.....	1	1	c09
.....aucacagucagaguucuagcuaA.....	1	1	c09
.....aucacagucagaguucuagcuGc.....	1	1	c09
.....ucacagucagaguucuag.....	3	0	c09
.....Gcacagucagaguucuagc.....	1	1	c09
.....ucacagucagaguucuagc.....	2	0	c09
.....ucacagucagaguucuagcu.....	33	0	c09
.....Gcacagucagaguucuagcu.....	10	1	c09
.....ucacagucagaguucuagcuU.....	1	1	c09
.....ucacagucagaguucuagcua.....	2	0	c09
.....cacagucagaguucuagc.....	11	0	c09
.....cacagucagaguucuagcC.....	1	1	c09
.....cUcagucagaguucuagcu.....	1	1	c09
.....cacagucagaguucuagcu.....	48	0	c09
.....cacagucagaguucuagcuU.....	2	1	c09
.....acaguAagaguucuagcu.....	1	1	c09
.....Ucagucagaguucuagcu.....	1	1	c09
.....acagucagaguucuUgcu.....	1	1	c09
.....acagucagaguucuagcu.....	267	0	c09
.....acagucaCaguucuagcu.....	1	1	c09
.....Ccagucagaguucuagcu.....	26	1	c09
.....acagucagaguucuCgcu.....	1	1	c09
.....acagucagaguCcuagcu.....	1	1	c09
.....acagucagagCucuagcu.....	1	1	c09
.....acagucagaguuAuagcu.....	1	1	c09
.....acagucagaguucuagcuU.....	15	1	c09
.....acagucagaguucuagcCa.....	1	1	c09
.....acagucagaguucuagcua.....	6	0	c09
.....acagucagaguucuagcuG.....	1	1	c09
.....acagucagaguucuagcuacA.....	2	1	c09
.....cagucagaguucuagcuU.....	3	1	c09
.....cagucagaguucuagcua.....	1	0	c09
.....cagucagaguucuagcuG.....	1	1	c09
.....cagucagaguucuagcuacgc.....	1	0	c09
.....agucagaguucuagcuaU.....	1	1	c09

Provisional ID	:	group3_6423
Score total	:	50352
Score for star read(s)	:	3.9
Score for read counts	:	50344.8
Score for mfe	:	2.4
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	98761
Mature read count	:	98714
Loop read count	:	0
Star read count	:	47





Star **Mature**

```
5'- gguggggggggggcagcagcagcgggcggcgcgcgcgagcuguguccgugcggcugcaguguggcgguagcaccaugggauucagcucacggacgccgccacuaac  -3'    obs
    gguggggggggggcagcagcagcgggcggcgcgcgcgagcuguguccgugcggcugcaguguggcgguagcaccaugggauucagcucacggacgccgccacuaac        exp
    (.((..(..(....)..)..)).).(((((((..((.((((((.(((((((((..((((((........))))))..)))))))).)))))))..)).))..)))))).....  reads      mm          sample
    ....................................agcuguguccgugcggcugc.....................................................  1          0           c15
    ....................................agcuguguccgugcggcugca....................................................  14         0           c15
    .....................................uguguccgugcggcugcagugugg.................................................  1          0           c15
    ..........................................................................uCuagcaccaugggauucagcuca..............  1          1           c15
    ..........................................................................uUuagcaccaugggauucagcuca..............  1          1           c15
    ...........................................................................Cuagcaccaugggauucagcuc...............  1          1           c15
    ...........................................................................Cuagcaccaugggauucagcuca..............  6          1           c15
    ..............................................................................uagcaccaugggauucag.....................  1          0           c15
    ..............................................................................uagcaccaugggauucagc....................  8          0           c15
    ..............................................................................uagcGccaugggauucagcu...................  1          1           c15
    ..............................................................................uagcaccaugggauucagcA...................  2          1           c15
    ..............................................................................uagcaccaugggauucagcu....................  53         0           c15
    ..............................................................................uagcaccaugggaAucagcuc...................  1          1           c15
    ..............................................................................Gagcaccaugggauucagcuc...................  1          1           c15
    ..............................................................................uagcaccaugggauCcagcuc...................  1          1           c15
    ..............................................................................uagcGccaugggauucagcuc...................  1          1           c15
    ..............................................................................uagcaccaugggauucagcuA...................  4          1           c15
    ..............................................................................uagcaccUugggauucagcuc...................  1          1           c15
    ..............................................................................uagcaccaugggauucagcuc...................  567        0           c15
    ..............................................................................uagcaccaugggUuucagcuc...................  1          1           c15
    ..............................................................................uagcaccaugggauucagcuU...................  19         1           c15
    ..............................................................................uagcaccaugggauucagcAc...................  1          1           c15
    ..............................................................................uGgcaccaugggauucagcuc...................  1          1           c15
    ..............................................................................uaAcaccaugggauucagcuc...................  1          1           c15
    ..............................................................................uaAcaccaugggauucagcuca..................  9          1           c15
    ..............................................................................uagAaccaugggauucagcuca..................  2          1           c15
    ..............................................................................uGgcaccaugggauucagcuca..................  30         1           c15
    ..............................................................................uagcaccUugggauucagcuca..................  7          1           c15
    ..............................................................................uagcaccCugggauucagcuca..................  2          1           c15
    ..............................................................................uagcaccaugggaCucagcuca..................  7          1           c15
    ..............................................................................uagcaccauggAauucagcuca..................  4          1           c15
    ..............................................................................uagcaccaugggauucagcAca..................  13         1           c15
    ..............................................................................uagcacAaugggauucagcuca..................  3          1           c15
```

Star Mature

gguggggggggggcagcagcagcgggcggcgcgcgcgagcugugucccgugcggcugcaguguggcguguagcaccaugggauucagcucacggacgccgccacuaac

.....uagUaccaugggauucagcuca.....	11	1	c15
.....uagcUccaugggauucagcuca.....	3	1	c15
.....uagcaccaugggGuucagcuca.....	5	1	c15
.....uagcaccauCggauucagcuca.....	1	1	c15
.....uagcaccaugggCuucagcuca.....	2	1	c15
.....uagcaccaugCgauucagcuca.....	1	1	c15
.....uagcaccaugggauucaAcuca.....	5	1	c15
.....uagcaccaugggauucCgcuca.....	4	1	c15
.....uagcaccaugggauucUgcuca.....	1	1	c15
.....uagcaccaugggauucagcuUa.....	7	1	c15
.....uagcaccaugggauucaUcuca.....	2	1	c15
.....uagcaccaugggauuGagcuca.....	5	1	c15
.....uagcCccaugggauucagcuca.....	3	1	c15
.....uagcaccaugggauucagcGca.....	9	1	c15
.....uUgcaccaugggauucagcuca.....	14	1	c15
.....uCgcaccaugggauucagcuca.....	6	1	c15
.....uagcaccaugggauCcagcuca.....	2	1	c15
.....uagcaccaugggauucagcucU.....	351	1	c15
.....uagGaccaugggauucagcuca.....	1	1	c15
.....uagcaccaugggauucagcuca.....	23871	0	c15
.....uagcGccaugggauucagcuca.....	4	1	c15
.....uagcaccauggUuucagcuca.....	3	1	c15
.....uagcaccaugggauucGgcuca.....	18	1	c15
.....uagcaccaugggaAucagcuca.....	3	1	c15
.....uagcaccaugggauucagcuGa.....	1	1	c15
.....uagcaccauUggauucagcuca.....	6	1	c15
.....uagcaccaugggauucagcCca.....	28	1	c15
.....uagcacUaugggauucagcuca.....	7	1	c15
.....uagcaccauggCauucagcuca.....	1	1	c15
.....uagcaccaugggauucagcucG.....	16	1	c15
.....uagcaUcaugggauucagcuca.....	7	1	c15
.....uagcaAcaugggauucagcuca.....	4	1	c15
.....uagcaccauggUauucagcuca.....	3	1	c15
.....uagcaccGugggauucagcuca.....	9	1	c15
.....uagcaGcaugggauucagcuca.....	7	1	c15
.....uagcaccaugggauucagcucC.....	28	1	c15
.....uagcaccaugggauucagcuAa.....	13	1	c15
.....Aagcaccaugggauucagcuca.....	19	1	c15
.....uagcaccaCgggauucagcuca.....	11	1	c15
.....uagcaccaAgggauucagcuca.....	6	1	c15
.....uagcaccauAggauucagcuca.....	9	1	c15
.....Gagcaccaugggauucagcuca.....	2	1	c15
.....uagcaccaugAgauucagcuca.....	6	1	c15
.....uaUcaccaugggauucagcuca.....	12	1	c15
.....uagcaccaugggauuAagcuca.....	5	1	c15
.....uagcaccaugggauuUagcuca.....	10	1	c15
.....uagcaccaugggauucagUuca.....	13	1	c15
.....Cagcaccaugggauucagcuca.....	13	1	c15
.....uagcaccaugggauAcagcuca.....	5	1	c15
.....uGgcaccaugggauucagcucac.....	4	1	c15
.....uagcaccaugggauucagcucaA.....	215	1	c15
.....uagcaccaugggauucaCcucac.....	1	1	c15
.....uagcaccaugggauucagcAcac.....	1	1	c15
.....uUgcaccaugggauucagcucac.....	1	1	c15
.....uagcaccaugggauucagcucaU.....	526	1	c15
.....uagcaccaugggauucagcucaG.....	1	1	c15
.....uagcaAcaugggauucagcucac.....	1	1	c15
.....uagUaccaugggauucagcucac.....	1	1	c15
.....uagcaccaugggauuUagcucac.....	1	1	c15
.....uagcaccaugggauucagcucac.....	776	0	c15
.....uaUcaccaugggauucagcucac.....	2	1	c15
.....uagcaccaugggauucagcucacU.....	53	1	c15
.....uagcaccaugggauucagcucacA.....	12	1	c15
.....uagcaccaugggauucagcucacC.....	2	1	c15
.....agcaccaugggauucagc.....	1	0	c15
.....agcaccaugggauucagcu.....	1	0	c15
.....Ugcaccaugggauucagcuc.....	1	1	c15
.....agcaccaugggauucagcuc.....	12	0	c15
.....agcaccaugggauucaAcuca.....	1	1	c15
.....agcaccaugggauucagcuca.....	145	0	c15

Star Mature

gguggggggggggcagcagcagcgggcggcgcgcgcgagcugugucccgugcggcugcagugguggcguguagcaccaugggauucagcucacggacgccgccacuaac

.....agcaccaugggauucagcucU.....	1	1	c15
.....agcaccauggCauucagcucac.....	1	1	c15
.....agcaccaugggauucagcucac.....	320	0	c15
.....agcaccaugggauCcagcucac.....	1	1	c15
.....agcaccaugggauuGagcucac.....	1	1	c15
.....agcaccaugggauucagcucaU.....	6	1	c15
.....agcaccaugggauucagcucaA.....	3	1	c15
.....agcaccaugggauucagcucacg.....	2	0	c15
.....agcaccaugggauucagcucacA.....	18	1	c15
.....agcaccaugggauucagcucacU.....	42	1	c15
.....agcaccaugggauucagcucacC.....	7	1	c15
.....gcaccaugggauucagcuca.....	4	0	c15
.....gcaccaugggauucagcucac.....	2	0	c15
.....gcaccaugggauucagcucacU.....	1	1	c15
.....caccaugggauucagcuca.....	2	0	c15
.....caccaugggauucagcucacA.....	1	1	c15
.....caccaugggauucagcucacg.....	1	0	c15
.....caugggauucagcucacA.....	1	1	c15

.....Uuagcaccaugggauucagcuca.....	1	1	c02
.....uagcaccaugggauucag.....	11	0	c02
.....Gagcaccaugggauucag.....	2	1	c02
.....uagcaccaugggauucagc.....	45	0	c02
.....uagcaccaugggauuAagc.....	1	1	c02
.....Gagcaccaugggauucagc.....	3	1	c02
.....uagcaccaugggauucagA.....	1	1	c02
.....uagcaccaugggGuucagcu.....	1	1	c02
.....uagcaccauAggauucagcu.....	1	1	c02
.....uagcaccaugggauucagcu.....	123	0	c02
.....uagcCccaugggauucagcu.....	1	1	c02
.....uagcaccaugggauuAagcu.....	1	1	c02
.....uagcaUcaugggauucagcu.....	1	1	c02
.....uagcacUaugggauucagcu.....	1	1	c02
.....uagcaccaugggauucagcA.....	2	1	c02
.....Gagcaccaugggauucagcu.....	13	1	c02
.....uagcacAaugggauucagcuc.....	3	1	c02
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.....uagcaccaugggauucagcuG.....	1	1	c02
.....uagcaccauUggauucagcuc.....	1	1	c02
.....uagcaccaugggauuAagcuc.....	3	1	c02
.....uagcaccaugggauucagcuA.....	2	1	c02
.....uagcaccaugggauucagAuc.....	2	1	c02
.....uagcaccaugggauucaAcuc.....	1	1	c02
.....uagcCccaugggauucagcuc.....	3	1	c02
.....uagcaccaugggauucagcuc.....	552	0	c02
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.....Aagcaccaugggauucagcuc.....	1	1	c02
.....uagcaccaugCgauucagcuc.....	2	1	c02
.....uagcaccaugggauucagcuU.....	2	1	c02
.....Gagcaccaugggauucagcuc.....	37	1	c02
.....uagcaccauggCauucagcuc.....	1	1	c02
.....uagcaccaugggauucagcAca.....	1	1	c02
.....uagcaccaugggauucaUcuca.....	1	1	c02
.....uagcaccaugggauucagcuca.....	2940	0	c02
.....uagcaccaugggauuUagcuca.....	2	1	c02
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.....uagcGccaugggauucagcuca.....	1	1	c02
.....uagcacAaugggauucagcuca.....	10	1	c02
.....uagcaccaugggauucagcucU.....	82	1	c02
.....uagcaUcaugggauucagcuca.....	2	1	c02
.....uCgcaccaugggauucagcuca.....	4	1	c02
.....uagcaccauggUauucagcuca.....	1	1	c02
.....uagcaccauUggauucagcuca.....	1	1	c02
.....uagcaccaugggauuAagcuca.....	2	1	c02
.....uagcaccaugggauucUgcuca.....	1	1	c02
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.....uagcaccaugggauucagcuUa.....	3	1	c02
.....uagcaccaugggaCucagcuca.....	1	1	c02
.....uagcaccaugggauucagcucC.....	8	1	c02

Star Mature

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.....uagcaccaCgggauucagcuca.....	1	1	c02
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.....uagcaccauggCauucagcuca.....	2	1	c02
.....uaAcaccaugggauucagcuca.....	1	1	c02
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.....uagcaccaugggauucagcuGa.....	2	1	c02
.....uagcaccaGgggauucagcuca.....	1	1	c02
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.....uagcaccaugCgauucagcuca.....	4	1	c02
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.....uagcaccaugggauucagcucaA.....	47	1	c02
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.....Gagcaccaugggauucagcucac.....	3	1	c02
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.....uagcaccaugggauucagcucaG.....	1	1	c02
.....uagcaccaugggauucagcucaU.....	16	1	c02
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.....uagcaccaugggauucagcucacCg.....	1	1	c02
.....agcaccaugggauucagcu.....	1	0	c02
.....agcaccaugggauucagcuc.....	2	0	c02
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.....Cgcaccaugggauucagcuca.....	5	1	c02
.....agcaccaugggauucagcuca.....	18	0	c02
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.....Cccaugggauucagcuca.....	1	1	c02
.....ccaugggauucagcucac.....	1	0	c02

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.....agcugugucccgugcggcugca.....	10	0	c16
.....agcuguguUccgugcggcugca.....	1	1	c16
.....uCuagcaccaugggauucagcuc.....	1	1	c16

Star Mature

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.....Cuagcaccaugggauucagcu.....	4	1	c16
.....Uuagcaccaugggauucagcu.....	1	1	c16
.....Cuagcaccaugggauucagcuc.....	4	1	c16
.....guagcaccaugggauucagcuc.....	1	0	c16
.....Uuagcaccaugggauucagcuc.....	1	1	c16
.....Cuagcaccaugggauucagcuca.....	7	1	c16
.....Uuagcaccaugggauucagcuca.....	1	1	c16
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.....uagcaccaugggauucaC.....	2	1	c16
.....Gagcaccaugggauucag.....	9	1	c16
.....uagcaccaugggauucaA.....	1	1	c16
.....uagcaccaugggauucCg.....	2	1	c16
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.....uagcaccaugggauucGg.....	1	1	c16
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.....uagcaccaugggUuucagc.....	1	1	c16
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.....uagcaccaugggauuAagc.....	1	1	c16
.....uagcaccaugggauucCgc.....	3	1	c16
.....uagAaccaugggauucagc.....	1	1	c16
.....uagcaccaugUgauucagc.....	1	1	c16
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.....uagcaccaugggauucaCc.....	2	1	c16
.....uagcaccaugggauucagUu.....	5	1	c16
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.....Cagcaccaugggauucagcu.....	6	1	c16
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.....uagcaccaugggauucGgcu.....	14	1	c16
.....uagcaccaugggauucaAcu.....	2	1	c16
.....uagcacAaugggauucagcu.....	28	1	c16
.....uagcaAcaugggauucagcu.....	11	1	c16
.....uagcaccauggAauucagcu.....	2	1	c16
.....uagcGccaugggauucagcu.....	2	1	c16
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.....uagcaccaugggauucagAu.....	11	1	c16
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.....uagcaUcaugggauucagcu.....	5	1	c16

Star Mature

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.....uagcaccaugggUuucagcu.....	3	1	c16
.....uagcacGaugggauucagcu.....	2	1	c16
.....uagcaccaugggauuGagcu.....	1	1	c16
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.....Aagcaccaugggauucagcu.....	35	1	c16
.....uagcaccaGgggauucagcu.....	4	1	c16
.....uagcaccauggUauucagcu.....	2	1	c16
.....uagcaccaugggauucaCcu.....	15	1	c16
.....uagcaccCugggauucagcu.....	1	1	c16
.....uagcaccaugggauGcagcu.....	1	1	c16
.....uagcaccaugggauucagcA.....	128	1	c16
.....uaCcaccaugggauucagcu.....	9	1	c16
.....uagcaccaugggauucagcu.....	12519	0	c16
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.....uagcaccauggCauucagcu.....	9	1	c16
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.....uGgcaccaugggauucagcuc.....	4	1	c16
.....uagcaccaugUgauucagcuc.....	2	1	c16
.....uagcaccaugggauucGgcuc.....	12	1	c16
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.....uaAcaccaugggauucagcuc.....	3	1	c16
.....uagcacAaugggauucagcuc.....	30	1	c16
.....uagcaccauggUauucagcuc.....	3	1	c16
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.....uagGaccaugggauucagcuc.....	2	1	c16
.....uagcaccaugggCuucagcuc.....	6	1	c16
.....uagcaccaugggaAucagcuc.....	12	1	c16
.....uagcaccaugggauCcagcuc.....	2	1	c16
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.....uagcGccaugggauucagcuc.....	4	1	c16
.....uagcCccaugggauucagcuc.....	65	1	c16
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.....uagcaccaugggauucagcuU.....	140	1	c16
.....uagcaccaugggauucaUcuc.....	6	1	c16
.....uagcaccaugggauuUagcuc.....	3	1	c16

Star Mature

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.....uagcaccaugggauucCgcuc.....	32	1	c16
.....uagcaccaugggUuucagcuc.....	4	1	c16
.....uagcaGcaugggauucagcuc.....	2	1	c16
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.....uagcaccaugggauucagUuc.....	7	1	c16
.....uagcaccauggCauucagcuc.....	7	1	c16
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.....uagcaGcaugggauucagcuca.....	2	1	c16
.....uagcaccUugggauucagcuca.....	4	1	c16
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.....uagcaccauggCauucagcuca.....	14	1	c16
.....uagcaccaugCgauucagcuca.....	37	1	c16
.....uagcaccaugggauucagcuAa.....	66	1	c16
.....uaAcaccaugggauucagcuca.....	3	1	c16
.....uagcacGaugggauucagcuca.....	6	1	c16
.....uagcaccaugggCuucagcuca.....	10	1	c16
.....uagcaccaugggauucaUcuca.....	11	1	c16
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.....uagcaccaugggGuucagcuca.....	6	1	c16
.....uagcaccaugUgauucagcuca.....	14	1	c16
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.....uagcCccaugggauucagcuca.....	103	1	c16
.....uagcaccaugggauucagcucC.....	51	1	c16
.....uagcaccaugggauucCgcuca.....	56	1	c16
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.....uagGaccaugggauucagcuca.....	3	1	c16
.....uagcaccaugggauucaAcuca.....	6	1	c16
.....uUgcaccaugggauucagcuca.....	3	1	c16
.....uagcacAaugggauucagcuca.....	54	1	c16
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.....uagcaccaugggauucaCcuca.....	38	1	c16
.....uagcaccaAgggauucagcuca.....	10	1	c16
.....uagcaAcaugggauucagcuca.....	19	1	c16
.....uagcaccauggAauucagcuca.....	4	1	c16
.....uagcaccauggUauucagcuca.....	13	1	c16
.....uagcaccaugAgauucagcuca.....	2	1	c16

Star Mature

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.....uagcaccCugggauucagcuca.....	5	1	c16
.....uagcaccaugggauucagcCca.....	7	1	c16
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.....uagcaccaugggauAcagcucac.....	1	1	c16
.....uagcaccaugggauucagAucac.....	1	1	c16
.....uagAaccaugggauucagcucac.....	1	1	c16
.....uagcCccaugggauucagcucac.....	5	1	c16
.....uagcaccaugggauucagcucac.....	733	0	c16
.....uagcaccaugUgauucagcucac.....	1	1	c16
.....uagcaccaugggUuucagcucac.....	1	1	c16
.....uaUcaccaugggauucagcucac.....	1	1	c16
.....uagcGccaugggauucagcucac.....	1	1	c16
.....uagcaccaugggauucagcucaG.....	32	1	c16
.....uagcaccaugggauucagcucCc.....	1	1	c16
.....uagcaccaugggauucaCcucac.....	2	1	c16
.....Gagcaccaugggauucagcucac.....	37	1	c16
.....uaCcaccaugggauucagcucac.....	1	1	c16
.....uagcaccaugggauucagUucac.....	1	1	c16
.....uagcaccaugggauucagcucaU.....	271	1	c16
.....uagcacAaugggauucagcucac.....	1	1	c16
.....uagcaccaugggaGucagcucac.....	2	1	c16
.....uagcaccaugggauucagcuAac.....	4	1	c16
.....uGgcaccaugggauucagcucac.....	1	1	c16
.....uagcaccGugggauucagcucac.....	1	1	c16
.....Cagcaccaugggauucagcucac.....	3	1	c16
.....uagcacUaugggauucagcucac.....	1	1	c16
.....uagcaccaugggauucagcucGc.....	3	1	c16
.....Aagcaccaugggauucagcucac.....	2	1	c16
.....uagcaccaugggauuUagcucac.....	1	1	c16
.....uagcaccaugggauucagcucaA.....	719	1	c16
.....uagcaccaugggauucCgcucac.....	2	1	c16
.....uagcaccauggCauucagcucac.....	1	1	c16
.....uagcaccauUggauucagcucac.....	1	1	c16
.....uagcaccaugggauucagcucacA.....	45	1	c16
.....uagcaccaugggauucagcucaGg.....	1	1	c16
.....uagcaccaugggauucagcucaAg.....	5	1	c16
.....uagcaccaugggauucagcucaUg.....	1	1	c16
.....Gagcaccaugggauucagcucacg.....	1	1	c16
.....uagcaccaugggauucagcucacC.....	3	1	c16
.....uagcaccaugggauucagcucacU.....	33	1	c16
.....uagcaccaugggauucagcucacCg.....	2	1	c16
.....Cgcaccaugggauucagc.....	1	1	c16
.....agcaccaugggauucagc.....	4	0	c16
.....agcaccUugggauucagc.....	1	1	c16
.....Cgcaccaugggauucagcu.....	2	1	c16
.....agcaccaugggauucagcA.....	1	1	c16
.....agcaccaugggauucagcu.....	11	0	c16
.....Ugcaccaugggauucagcuc.....	1	1	c16
.....agcaccauggCauucagcuc.....	1	1	c16
.....Ggcaccaugggauucagcuc.....	2	1	c16
.....agcaccaugggauucagcuA.....	1	1	c16
.....Cgcaccaugggauucagcuc.....	23	1	c16
.....agcaccaugggauucagcuc.....	58	0	c16
.....agcaccauCggauucagcuca.....	1	1	c16
.....agcaccaugggauCcagcuca.....	1	1	c16
.....agcaccaugggauucagcuAa.....	1	1	c16
.....agcaccaugggauucagcuca.....	191	0	c16
.....agcaccaugggauucagcucC.....	1	1	c16
.....Cgcaccaugggauucagcuca.....	48	1	c16
.....agcaccaugggauucagcucU.....	5	1	c16

Star Mature

gguggggggggggcagcagcagcgggcggcgcgcgcgagcugugucccgugcggcugcagugguggcgguguagcaccaugggauucagcucacggacgccgccacuaac

.....agcaccaugggauuAagcuca.....	2	1	c16
.....agcCccaugggauucagcuca.....	1	1	c16
.....agAaccaugggauucagcuca.....	1	1	c16
.....agcaccaCgggauucagcuca.....	1	1	c16
.....agcaccUugggauucagcucac.....	1	1	c16
.....agcaccaugggauucagcucCc.....	2	1	c16
.....Ggcaccaugggauucagcucac.....	1	1	c16
.....agcaccauCggauucagcucac.....	2	1	c16
.....agcaccaugggauucGgcucac.....	1	1	c16
.....agcaccaugggauucagcucUc.....	1	1	c16
.....agcaccaugggauucagcucac.....	342	0	c16
.....agcaccaugggauucagcucaU.....	6	1	c16
.....agcaccaugUgauucagcucac.....	1	1	c16
.....agcaccaugggauucagcuAac.....	2	1	c16
.....agcaccaugggauucCgcucac.....	1	1	c16
.....agcacUaugggauucagcucac.....	1	1	c16
.....agcaccaugggauucagAucac.....	1	1	c16
.....Cgcaccaugggauucagcucac.....	116	1	c16
.....agcaccaugggauucagcucGc.....	3	1	c16
.....agcacAaugggauucagcucac.....	1	1	c16
.....agcaccaugggauucagcucaA.....	6	1	c16
.....Cgcaccaugggauucagcucacg.....	1	1	c16
.....agcaccaugggauucagcucacA.....	24	1	c16
.....agcaccaugggauucagcucacg.....	10	0	c16
.....agcaccaugggauucagcucacU.....	41	1	c16
.....agcaccaugggauucagcucacC.....	2	1	c16
.....gcaccaugggauucagcu.....	4	0	c16
.....gcaccaugggauucagcuc.....	8	0	c16
.....gcaccaugggauucagcucU.....	1	1	c16
.....gcaccaugggauucagcuca.....	8	0	c16
.....gcaccaugggauucagcucac.....	1	0	c16
.....gcaccaugggauucagcucacA.....	1	1	c16
.....gcaccaugggauucagcucacg.....	1	0	c16
.....caccaugggauucagcuc.....	3	0	c16
.....caccaugggauucagcucG.....	1	1	c16
.....caccaugggauucagcuca.....	13	0	c16
.....caccaugggauucagcucac.....	2	0	c16
.....caccaugggauucagcucaA.....	1	1	c16
.....caccaugggauucagcucacU.....	1	1	c16
.....caccaugggauucagcucacg.....	9	0	c16
.....accaugggauucagcucU.....	2	1	c16
.....Cccaugggauucagcuca.....	9	1	c16
.....aAcaugggauucagcuca.....	1	1	c16
.....accaugCgauucagcuca.....	1	1	c16
.....accaugggauucagcuca.....	17	0	c16
.....accaugggauucagcucaA.....	1	1	c16
.....accaugggauucagcucac.....	1	0	c16
.....ccaugggauucagcucaU.....	1	1	c16
.....ccaugggauucagcucac.....	2	0	c16
.....ccaugggauucagcucaA.....	2	1	c16
.....ccaugggauucagcucacU.....	2	1	c16
.....ucagcucacggacgccgccacu...	1	0	c16

.....agcugugucccgugcggcugca.....	1	0	c04
.....Cgcugugucccgugcggcugca.....	1	1	c04
.....Gagcaccaugggauucag.....	1	1	c04
.....uUgcaccaugggauucag.....	1	1	c04
.....uagcaccaugggauucag.....	10	0	c04
.....Gagcaccaugggauucagc.....	2	1	c04
.....Aagcaccaugggauucagc.....	1	1	c04
.....uagcaccaugggauucagU.....	1	1	c04
.....uCgcaccaugggauucagc.....	2	1	c04
.....uagcaccaugggauucagc.....	49	0	c04
.....uagcCccaugggauucagcu.....	1	1	c04
.....uagcaccaugggauucagcu.....	41	0	c04
.....Gagcaccaugggauucagcu.....	1	1	c04
.....uagcaccaugggauucGgcu.....	1	1	c04
.....uagcaccaugggCuucagcuc.....	1	1	c04
.....uagcaccaugggauucagcuc.....	110	0	c04
.....uagcaccaugggauucagcuA.....	2	1	c04

Star Mature

gguggggggggggcagcagcagcgggcggcgcgcgcgagcugugucccgugcggcugcaguguggcguguagcaccaugggauucagcucacggacgccgccacuaac

.....uagcaccaGgggauucagcuc.....	1	1	c04
.....Gagcaccaugggauucagcuc.....	5	1	c04
.....uagcaccaugCgauucagcuc.....	1	1	c04
.....uagcaccaugggauucagcuU.....	1	1	c04
.....uagcacUaugggauucagcuc.....	1	1	c04
.....uagcaccaugggauucaCcuc.....	1	1	c04
.....uagcaccaugggauucaCcuca.....	2	1	c04
.....uagcaccaugggaCucagcuca.....	1	1	c04
.....uagcaccaugggauucagcucC.....	5	1	c04
.....uagcaccaugggaAucagcuca.....	1	1	c04
.....uagcaccaugggauuAagcuca.....	1	1	c04
.....uagcaccaugggauucaUcuca.....	1	1	c04
.....uagcCccaugggauucagcuca.....	4	1	c04
.....Aagcaccaugggauucagcuca.....	3	1	c04
.....uagcaccaugggauucagcuAa.....	2	1	c04
.....uagcaccauggCauucagcuca.....	1	1	c04
.....uagcaccaugggauucagcuca.....	1306	0	c04
.....uagcaccaugggauucagUuca.....	1	1	c04
.....uCgcaccaugggauucagcuca.....	1	1	c04
.....uagUaccaugggauucagcuca.....	1	1	c04
.....uagcaccaugggauucCgcuca.....	2	1	c04
.....uagcaccaugggauucagcucU.....	21	1	c04
.....uagcaccaugggauucagcCca.....	1	1	c04
.....Gagcaccaugggauucagcuca.....	58	1	c04
.....uagcaccaugggauuUagcuca.....	1	1	c04
.....uagcaccauggUauucagcuca.....	1	1	c04
.....uagcaccaugggauucagcAca.....	1	1	c04
.....uagcaccaugggauucagAuca.....	4	1	c04
.....uagcacAaugggauucagcuca.....	1	1	c04
.....uagcaccaugCgauucagcuca.....	2	1	c04
.....uagcaccaugggauucagcucG.....	2	1	c04
.....uagcaccauCggauucagcuca.....	1	1	c04
.....uagcaccaAgggauucagcuca.....	1	1	c04
.....Cagcaccaugggauucagcucac.....	1	1	c04
.....uagcaccaugggauucagcucaG.....	2	1	c04
.....uagcaccaugggauucagcucac.....	39	0	c04
.....uagcaccaugggauucagcucaU.....	11	1	c04
.....Gagcaccaugggauucagcucac.....	1	1	c04
.....uagcaccaugggauucagcucaA.....	185	1	c04
.....uagcaccaugggauucagcucacA.....	11	1	c04
.....uagcaccaugggauucagcucacC.....	2	1	c04
.....Cgcaccaugggauucagcu.....	1	1	c04
.....agcaccaugggauucagcuca.....	5	0	c04
.....Ggcaccaugggauucagcuca.....	1	1	c04
.....agcaccaugggauucagcucac.....	14	0	c04
.....Cgcaccaugggauucagcucac.....	2	1	c04
.....agcaccaugggauucagcucacC.....	2	1	c04
.....agcaccaugggauucagcucacU.....	1	1	c04
.....agcaccaugggauucagcucacA.....	9	1	c04
.....Ucaccaugggauucagcuca.....	1	1	c04
.....gcaccaugggauucagcuca.....	1	0	c04
.....caccaugggauucagcuca.....	2	0	c04
.....caccaugggauucagcucaA.....	1	1	c04
.....caccaugggauucagcucacgg.....	1	0	c04
.....accaugggauucagcuca.....	4	0	c04

.....cgagcugugucccgugcgg.....	1	0	c09
.....agcugugucccgugcggcugc.....	1	0	c09
.....Cuagcaccaugggauucagcu.....	1	1	c09
.....Cuagcaccaugggauucagcuca.....	1	1	c09
.....uagcaccaugggauucag.....	22	0	c09
.....Gagcaccaugggauucag.....	1	1	c09
.....uagcaccaugggauuAagc.....	1	1	c09
.....Gagcaccaugggauucagc.....	5	1	c09
.....uagcaccaugggauucaCc.....	1	1	c09
.....uagcaccaugggauucagc.....	90	0	c09
.....uagcaccaugggauucagA.....	1	1	c09
.....uagcaccaugggauucagcu.....	94	0	c09
.....uagcCccaugggauucagcu.....	1	1	c09
.....Gagcaccaugggauucagcu.....	5	1	c09

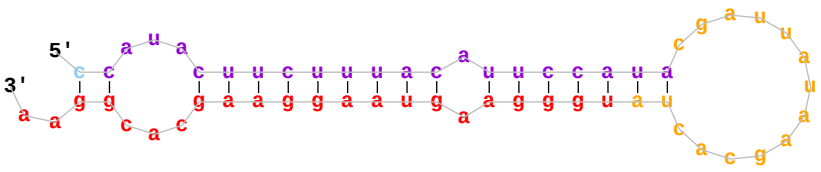
Star Mature

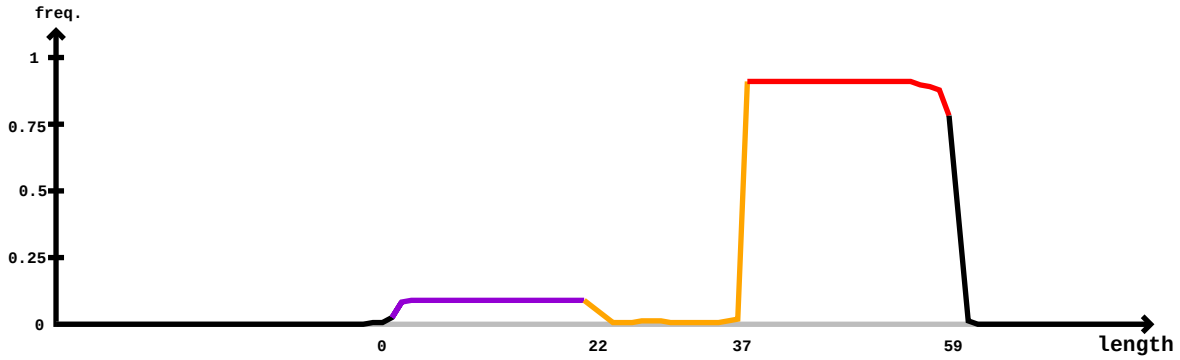
gguggggggggggcagcagcagcgggcggcgcgcgcgagcugugucccgugcggcugcaguguggcguguagcaccaugggauucagcucacggacgccgccacuaac

.....uagcaccaugggauucagcA.....	1	1	c09
.....Aagcaccaugggauucagcu.....	1	1	c09
.....uagcacAaugggauucagcu.....	1	1	c09
.....uagcaccaugggaAucagcuc.....	1	1	c09
.....uagcaccaGgggauucagcuc.....	1	1	c09
.....uagAaccaugggauucagcuc.....	2	1	c09
.....Aagcaccaugggauucagcuc.....	1	1	c09
.....uagcaccaugggauucaUcuc.....	1	1	c09
.....uagcaccaugggauCcagcuc.....	1	1	c09
.....Gagcaccaugggauucagcuc.....	16	1	c09
.....uagcaccUugggauucagcuc.....	1	1	c09
.....uagcacAaugggauucagcuc.....	1	1	c09
.....uagcaccaCgggauucagcuc.....	1	1	c09
.....uagcaccaugggauucagcuA.....	1	1	c09
.....uagcaccaugggauucagcuG.....	2	1	c09
.....uagcaccauCggauucagcuc.....	1	1	c09
.....uGgcaccaugggauucagcuc.....	2	1	c09
.....uagcaccaugggauucagcuc.....	387	0	c09
.....uagcaccaugggauucagcuU.....	2	1	c09
.....uCgcaccaugggauucagcuca.....	3	1	c09
.....uagcaccaugggauucagcuUa.....	1	1	c09
.....uagcaccaCgggauucagcuca.....	3	1	c09
.....uagcaccaugggauucagcAca.....	1	1	c09
.....uagcaccaugggauucagcucU.....	70	1	c09
.....uagcacAaugggauucagcuca.....	5	1	c09
.....uagcacUaugggauucagcuca.....	1	1	c09
.....uagcUccaugggauucagcuca.....	1	1	c09
.....uagcaccaugggauucGgcuca.....	3	1	c09
.....uagcaccaugggauucagcCca.....	1	1	c09
.....Cagcaccaugggauucagcuca.....	3	1	c09
.....Gagcaccaugggauucagcuca.....	107	1	c09
.....uagcaccaugggauucagcucC.....	2	1	c09
.....uagcaGcaugggauucagcuca.....	1	1	c09
.....uaAcaccaugggauucagcuca.....	1	1	c09
.....uagcaccaugggauucCgcuca.....	4	1	c09
.....uagcaccauAggauucagcuca.....	1	1	c09
.....uaCcaccaugggauucagcuca.....	3	1	c09
.....Aagcaccaugggauucagcuca.....	10	1	c09
.....uagcaccaugggGuucagcuca.....	1	1	c09
.....uagcaccaugggauuAagcuca.....	2	1	c09
.....uagcaccauggUauucagcuca.....	1	1	c09
.....uagcaccaugCgauucagcuca.....	2	1	c09
.....uagcaccaugggauucagAuca.....	1	1	c09
.....uagAaccaugggauucagcuca.....	1	1	c09
.....uagcaccauCggauucagcuca.....	1	1	c09
.....uagcaccaugggaCucagcuca.....	1	1	c09
.....uagcaccaugggauucUgcuca.....	3	1	c09
.....uagcaccaugggauCcagcuca.....	2	1	c09
.....uagcaccauggAauucagcuca.....	1	1	c09
.....uagcaAcaugggauucagcuca.....	3	1	c09
.....uagcaccaugggauucagcuca.....	2089	0	c09
.....uagcaccaugUgauucagcuca.....	3	1	c09
.....uagcaccauggCauucagcuca.....	1	1	c09
.....uagcCccaugggauucagcuca.....	5	1	c09
.....uagcaccaugggauucagcuAa.....	2	1	c09
.....uagcaccaugggaGucagcuca.....	3	1	c09
.....uagcaccCugggauucagcuca.....	1	1	c09
.....uagcGccaugggauucagcuca.....	1	1	c09
.....uagcaccaugggauucaCcuca.....	4	1	c09
.....uagcaccaugggauucagcucG.....	5	1	c09
.....uagcaccaugggauucagcucaG.....	4	1	c09
.....uagcaccaugggauucagcucac.....	60	0	c09
.....uagcaccaugggauucagcucaU.....	35	1	c09
.....uagcaccaugggauucagcucaA.....	39	1	c09
.....Gagcaccaugggauucagcucac.....	2	1	c09
.....uagcaccaugggauucagcucacA.....	5	1	c09
.....uagcaccaugggauucagcucacU.....	3	1	c09
.....agcaccaugggauucagc.....	3	0	c09
.....agcaccaugggauucagcu.....	1	0	c09
.....agcaccaugggauucagcuc.....	4	0	c09

Star
Mature
gguggggggggggcagcagcagcgggcggcgcgcgcgagcugugucccgugcggcugcaguguggcguguagcaccaugggauucagcucacggacgccgccacuaac
.....agAaccaugggauucagcuca..... 1 1 c09
.....Cgcaccaugggauucagcuca..... 2 1 c09
.....Ggcaccaugggauucagcuca..... 1 1 c09
.....agcaccaugggauucagcuca..... 38 0 c09
.....agcaccaugggauucagcucU..... 1 1 c09
.....agcaccaugggauucagcucaU..... 2 1 c09
.....agcaccaugggauucagcucaA..... 1 1 c09
.....agcaccaugggauucagcucac..... 69 0 c09
.....Cgcaccaugggauucagcucac..... 6 1 c09
.....agcaccaugggauucagcucacC..... 2 1 c09
.....agcaccaugggauucagcucacU..... 21 1 c09
.....agcaccaugggauucagcucacg..... 2 0 c09
.....agcaccaugggauucagcucacA..... 5 1 c09
.....gcaccaugggauucagcuca..... 1 0 c09
.....gcaccaugggauucagcucaA..... 1 1 c09
.....caccaugggauucagcuc..... 1 0 c09
.....caccaugggauucagcuca..... 1 0 c09
.....caccaugggauucagcucacgg..... 1 0 c09
.....Cccaugggauucagcuca..... 1 1 c09
.....accaugggauucagcuca..... 3 0 c09
.....accaugggauucagcucaA..... 1 1 c09
.....ccaugggauucagcucaG..... 1 1 c09

Provisional ID	:	group3_6775
Score total	:	82.6
Score for star read(s)	:	3.9
Score for read counts	:	72.5
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	154
Mature read count	:	141
Loop read count	:	0
Star read count	:	13





Star **Mature**

```
5'- gauuuccggacucgcaggcacgcccgcgcagcuccauacuucuuuacauuccauacgauuauaagcacuaugggaaguaaggaagcacggaacucgcgcaaggcuuuguguc  -3'   obs
    gauuuccggacucgcaggcacgcccgcgcagcuccauacuucuuuacauuccauacgauuauaagcacuaugggaaguaaggaagcacggaacucgcgcaaggcuuuguguc        exp
    ..............(((((((.(((((((.(((...(((((((((.(((((((.............)))))))..)))))))))...)))..)).)))))..)))...)))))  reads    mm    sample
    ................................ccauacuucuuuacauuccaua.....................................................................  2        0     c15
    .................................cauacuucuuuacauuccaua.....................................................................  2        0     c15
    ................................auacuucuuuacauuccauaA.....................................................................  1        1     c15
    ..............................................................uauaagcacuaugggaaguaaggaagcac.............................  1        0     c15
    ....................................................................augggaaguaaggaagcacggaa.................................  1        0     c15
    ......................................................................ugggaaguaaggaagcacg.....................................  1        0     c15
    ......................................................................ugggaaguaaggaagcacgg....................................  1        0     c15
    ......................................................................ugggaaguaaggaagcGcgga...................................  1        1     c15
    ......................................................................ugggaaguaaggaagcacgga...................................  4        0     c15
    ......................................................................ugggaaguaaggaagcacggaa..................................  62       0     c15
    ......................................................................ugggaaguaaggaagcacggaU..................................  1        1     c15
    ......................................................................ugggaaguaaggaagcacggaaA.................................  5        1     c15
    ......................................................................ugggaaguaaggaagcacggaaU.................................  8        1     c15
    ......................................................................ugggaaguaaggaagcacggaaUu................................  2        1     c15

    ..............................cuccauacuucuuuacauuccauacgauuau.....................................................................  1        0     c02
    ..................................cauacuucuuuacauuccau...........................................................................  1        0     c02
    ..................................cauacuucuuuacauuccauC..........................................................................  1        1     c02
    ..................................cauacuucuuuacauuccaua..........................................................................  1        0     c02
    ..............................................................uaugggaaguaaggaagcacgg.....................................  1        0     c02
    ......................................................................ugggaaguaaggaagcacgga...................................  2        0     c02
    ......................................................................ugggaaguaaggaagcacUgaa..................................  1        1     c02
    ......................................................................Ggggaaguaaggaagcacggaa..................................  2        1     c02
    ......................................................................ugggaaguaaggaagcacggaa..................................  12       0     c02

    ................................ccauacuucuuuacauuccaua.....................................................................  1        0     c16
    ................................cauacuucuuuacauuccaua......................................................................  2        0     c16
    ......................................................................Ggggaaguaaggaagcacgga...................................  2        1     c16
    ......................................................................ugggaaguaaggaagcacgga...................................  1        0     c16
    ......................................................................ugggaaguaaggaagcacggaa..................................  7        0     c16
    ......................................................................ugggaaguaaggaagcacggaU..................................  2        1     c16

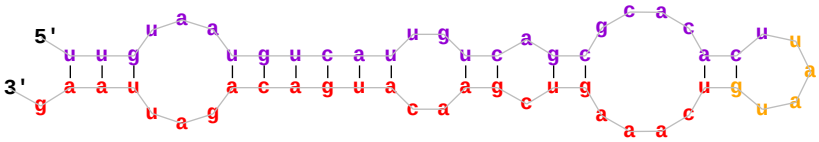
    ......................................................................Ggggaaguaaggaagcacggaa..................................  1        1     c04
```

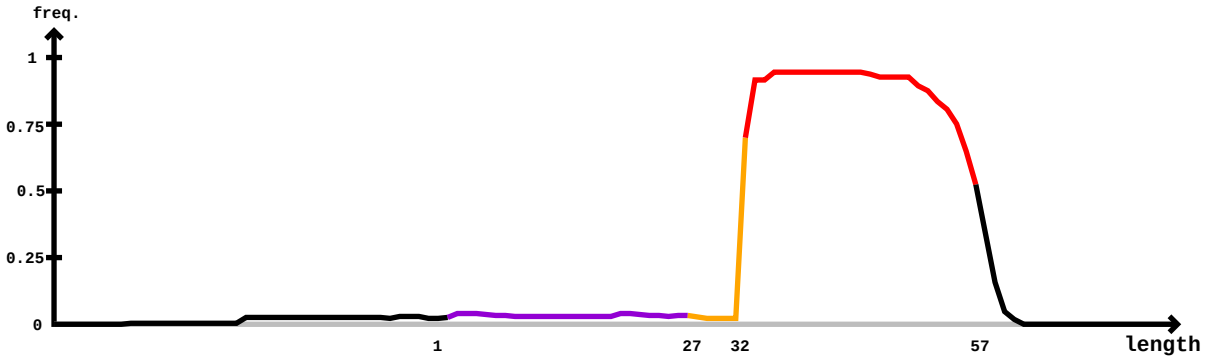
Star Mature

gauuuccggacucgcaggcacgcccgcgcagcuccauacuucuuuacauuccauacgauuauaagcacuaugggaaguaaggaagcacggaacucgcgcaaggcuuuguguc

.....ugggaaguaaggaagcacggaa.....	1	0	c04
.....ugggaaguaaggaagcacggaaU.....	1	1	c04
.....cauacuucuuuacauuccau.....	1	0	c09
.....cauacuucuuuacauuccauaA.....	1	1	c09
.....ugggaaguaaggaagcac.....	1	0	c09
.....Ggggaaguaaggaagcacgga.....	1	1	c09
.....ugggaaguaaggaagcacgga.....	4	0	c09
.....ugggaaguaaggaagcacggaU.....	1	1	c09
.....ugggaaguaaggaagcacggaa.....	15	0	c09

Provisional ID	:	group3_7048
Score total	:	102.8
Score for star read(s)	:	3.9
Score for read counts	:	125.5
Score for mfe	:	-23.8
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	258
Mature read count	:	252
Loop read count	:	0
Star read count	:	6





Star **Mature**

```
5'- augcaucgaucauagaauucaaucuauaauauaauaguuuuuguaaugucauugucagcgcacacuuaaugucaaagucgaacaugacagauuaaggguuuuuauuucguuuagaaa  -3'   obs
    augcaucgaucauagaauucaaucuauaauauaauaguuuuuguaaugucauugucagcgcacacuuaaugucaaagucgaacaugacagauuaaggguuuuuauuucguuuagaaa        exp
    ..((((..((.(((((.....)))))..))...))))(((((...((((((..((.((....((.....))....)).))..)))))))...)))))......((((.....))))  reads     mm      sample
    ..........................................uguaaugucauugucagcgc.....................................................  1         0       c16
    ..........................................uguaaugucauugucagcgcacacu................................................  1         0       c16
    ..........................................uguaaugucauugucagcgcacacuu...............................................  1         0       c16
    ..................................................................ucaaagucgaacaugacag.....................  1         0       c16
    ..................................................................Gcaaagucgaacaugacagauuaag................  1         1       c16
    ..................................................................ucaaagucgaacaugacagauuaag................  2         0       c16
    ..................................................................ucaaagucgaacaugacagauuaagg...............  1         0       c16
    ..................................................................caaagucgaacaugacagauua...................  1         0       c16
    ..................................................................caaagucgaacaugacagauuaagg................  1         0       c16
    ..................................................................aagucgaacaugacagauuaagguu................  1         0       c16
    ..................................................................aagucgaacaugacagauuaagguuu...............  4         0       c16

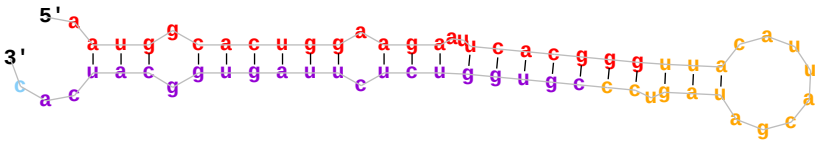
    ......cgaucauagaauucaaucuauaauaua.........................................................................  1         0       c04
    ..................ucaaucuauaauauaaugu.....................................................................  2         0       c04
    ..................ucaaucuauaauauaaguuu....................................................................  1         0       c04
    ..................Gcaaucuauaauauaaguuuuuugu...............................................................  1         1       c04
    ..................ucaaucuauaauauaaguuuuuugua..............................................................  1         0       c04
    ..................ucaaucuauaauauaaguuuuuguaaG.............................................................  1         1       c04
    ..................................uguuuuuguaaugucauugucag.................................................  1         0       c04
    ..................................uguuuuuguaaugucauugucagcg...............................................  1         0       c04
    ....................................uuguaaugucauugucagcgcacacu.............................................  2         0       c04
    ....................................uguaaugucauugucagcgcac.................................................  1         0       c04
    ..........................................................cgcacacuuaaugucaaagucgaaca.....................  1         0       c04
    ..........................................................cgcacacuuaaugucaaagucgaacau....................  3         0       c04
    ..............................................................cuuaaugucaaagucgaacaugacaga.................  1         0       c04
    ..................................................................uaaugucaaagucgaaca.....................  1         0       c04
    ..................................................................ucaaagucgaacaugaca.....................  7         0       c04
    ..................................................................Gcaaagucgaacaugaca.....................  1         1       c04
    ..................................................................ucaaagucgaacaugaAa.....................  1         1       c04
    ..................................................................ucaaagucgaacaugacag....................  2         0       c04
    ..................................................................ucaaagucgaacaugacaga...................  9         0       c04
    ..................................................................ucaaagucgaacaugacagaA..................  2         1       c04
    ..................................................................ucaaagucgaacaugacagau...................  6         0       c04
```

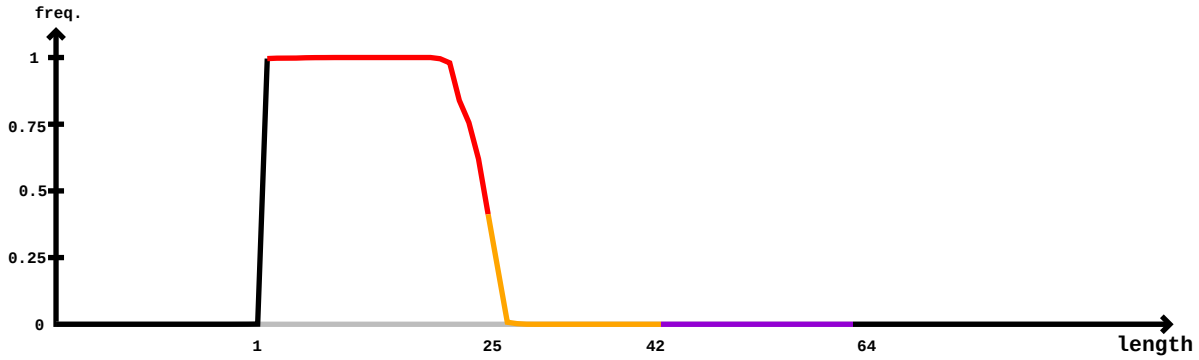
Star Mature

augcaucgaucauagaauucaaucuauaaauauaauguuuuuguaaugucauugucagcgcacacuuaaugucaaagucgaacaugacagauuaaggguuuuuauuucguuuagaaa

.....ucaaagucgaacaugacagauu.....	12	0	c04
.....ucaaagucgaacaugacagauua.....	23	0	c04
.....Acaaagucgaacaugacagauua.....	1	1	c04
.....ucaaagucgGacaugacagauua.....	1	1	c04
.....ucaaagucgaacaugacaUauuaa.....	1	1	c04
.....ucaaagucgaacaugaAagauuaa.....	1	1	c04
.....ucaaagucgaaGaugacagauuaa.....	1	1	c04
.....ucaaagucgaacaugacagauuaa.....	31	0	c04
.....ucGaagucgaacaugacagauuaag.....	1	1	c04
.....ucaaagucgaacauCacagauuaag.....	1	1	c04
.....ucaaagucgaacaugacagauuaag.....	48	0	c04
.....Gcaaagucgaacaugacagauuaag.....	1	1	c04
.....ucaaagucgaGcaugacagauuaag.....	1	1	c04
.....ucaaagucgaacaugacagauuaaA.....	10	1	c04
.....ucaaagucgaacaugacagauuaagA.....	1	1	c04
.....ucaCagucgaacaugacagauuaagg.....	1	1	c04
.....Gcaaagucgaacaugacagauuaagg.....	1	1	c04
.....ucaaagucgaacaugacagauuaagg.....	13	0	c04
.....ucaaagucgaacaugacagauuaaggu.....	3	0	c04
.....caaagucgaacaugacaU.....	1	1	c04
.....caaagucgaacaugacag.....	1	0	c04
.....caaagucgaacaugacaga.....	1	0	c04
.....caaagucgaacaugacagauu.....	3	0	c04
.....caaagucgaacaugacagauua.....	2	0	c04
.....cGaagucgaacaugacagauuaag.....	1	1	c04
.....caaagucgaacaugacagauuaag.....	5	0	c04
.....caaagucgaacaugacagauuaagg.....	10	0	c04
.....caaagucgaacaugacagauuaagA.....	1	1	c04
.....caaagucgaacaugacagauuaaggu.....	26	0	c04
.....caaagucgaacaugacagauuaagguu.....	5	0	c04
.....caaagucgaacaugacagauuaagguA.....	1	1	c04
..aagucgaacaugacagauuaaggu.....	1	0	c04
..aagucgaacaugacagauuaagguA.....	1	1	c04
..aagucgaacaugacagauuaagguuu.....	1	0	c04

Provisional ID	:	group3_7073
Score total	:	145128.1
Score for star read(s)	:	3.9
Score for read counts	:	145117.8
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	284654
Mature read count	:	284644
Loop read count	:	0
Star read count	:	10





Mature **Star**

```
5'- aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauaguccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc  -3'   obs
    aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauaguccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc        exp
    .....((.(((.((((.((..(((.((((((.(((..((((((((((........))).)))))))))).))))))..)))..)).)))))))))).(((((....))))).....
```

reads	mm	sample
1	1	c02
3	0	c02
4	0	c02
4	0	c02
1	0	c02
2	0	c02
3	1	c02
5	1	c02
1	1	c02
1	1	c02
2	1	c02
208	0	c02
1	1	c02
1	1	c02
1	1	c02
1	1	c02
1124	0	c02
19	1	c02
3	1	c02
1	1	c02
1	1	c02
1	1	c02
2	1	c02
1	1	c02
2	1	c02
1	1	c02
1	1	c02
5	1	c02
3	1	c02
9	1	c02
6	1	c02
5	1	c02
4	1	c02

.....gCcaauggcacuggaagaauuca
.....caauggcacuggaagaauuca
.....caauggcacuggaagaauucac
.....caauggcacuggaagaauucacg
.....caauggcacuggaagaauucacgg
.....caauggcacuggaagaauucacggg
.....aauggcacuCgaagaauu
.....Cauggcacuggaagaauu
.....aauggcacuggaagaauA
.....aauggcacuggaUgaauu
.....aauggcacuggaagaaGu
.....aauggcacuggaagaauu
.....aauggcacuggGagaauuc
.....aaugCcacuggaagaauuc
.....aaugUcacuggaagaauuc
.....aaugAcacuggaagaauuc
.....aauggcacuggaagaauuc
.....Cauggcacuggaagaauuc
.....aauggcacuggaagaauuU
.....aauggcacuggaaCaauuc
.....aauggcacuCgaagaauuc
.....aauUgcacuggaagaauuc
.....aauggcCcuggaagaauuc
.....aauggcacuUgaagaauuc
.....aauggcacuggaagaaGuc
.....aauggcacuggaagUauuc
.....aauggcacugCaagaauuc
.....aauggcacuggaagaauuA
.....Gauggcacuggaagaauuc
.....aauggAacuggaagaauuca
.....aUuggcacuggaagaauuca
.....aauggcacuggaagaauucG
.....aauggcacuggaaUaauuca

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aaugUcacuggaagaauuca.....	3	1	c02
.....aauggcacuggaCgaauuca.....	2	1	c02
.....aauggcacAggaagaauuca.....	2	1	c02
.....Uauggcacuggaagaauuca.....	2	1	c02
.....aauggcacuggaagUauuca.....	1	1	c02
.....aaCggcacuggaagaauuca.....	2	1	c02
.....aaugCcacuggaagaauuca.....	6	1	c02
.....aaugAcacuggaagaauuca.....	3	1	c02
.....aauggcacuggaagaauAca.....	6	1	c02
.....Cauggcacuggaagaauuca.....	175	1	c02
.....aauggcacuggaaCaauuca.....	2	1	c02
.....aauggcacuggaagaaGuca.....	6	1	c02
.....aauggUacuggaagaauuca.....	7	1	c02
.....aauggcacugUaagaauuca.....	1	1	c02
.....aauggcacugCaagaauuca.....	9	1	c02
.....aauggcacuggaagCauuca.....	1	1	c02
.....aauggcacGggaagaauuca.....	1	1	c02
.....aauggcacuggUagaauuca.....	3	1	c02
.....aaAggcacuggaagaauuca.....	5	1	c02
.....aauggcUcuggaagaauuca.....	1	1	c02
.....aauggcacuggaagaCuuca.....	12	1	c02
.....aauggcacuggaagaauCca.....	3	1	c02
.....aauggcacuggaagaauucU.....	22	1	c02
.....Gauggcacuggaagaauuca.....	8	1	c02
.....aauggcacuggaagGauuca.....	1	1	c02
.....aauggcacuggaagaaAuca.....	4	1	c02
.....aauggcacuggGagaauuca.....	4	1	c02
.....aauggcacuggaagaaCuca.....	1	1	c02
.....aauCgcacuggaagaauuca.....	14	1	c02
.....aauUgcacuggaagaauuca.....	4	1	c02
.....aauggcacuggCagaauuca.....	2	1	c02
.....aauggcacuggaagaGuuca.....	5	1	c02
.....aauggcacuCgaagaauuca.....	12	1	c02
.....aauAgcacuggaagaauuca.....	4	1	c02
.....aauggcacuUgaagaauuca.....	8	1	c02
.....aauggcacuAgaagaauuca.....	4	1	c02
.....aauggcacuggaagaUuuca.....	1	1	c02
.....aauggcaUuggaagaauuca.....	1	1	c02
.....aauggcacuggaagaauuca.....	11206	0	c02
.....aGuggcacuggaagaauuca.....	3	1	c02
.....aauggcacuggaUgaauuca.....	3	1	c02
.....aauggcacuggaagaauuUa.....	3	1	c02
.....aauggcacuggaGgaauuca.....	2	1	c02
.....aauggcacuggaagaauuAa.....	27	1	c02
.....aauggcacCggaagaauuca.....	5	1	c02
.....aauggcCcuggaagaauuca.....	14	1	c02
.....aauggcaAuggaagaauuca.....	7	1	c02
.....aauggcaGuggaagaauuca.....	1	1	c02
.....aauggcacuggaagaauucC.....	17	1	c02
.....aaAggcacuggaagaauucac.....	5	1	c02
.....aaugUcacuggaagaauucac.....	2	1	c02
.....aauggcacuUgaagaauucac.....	2	1	c02
.....aauggcCcuggaagaauucac.....	7	1	c02
.....aauggcacuggaaUaauucac.....	1	1	c02
.....aauggcacuggaagaauucaA.....	61	1	c02
.....aauggAacuggaagaauucac.....	4	1	c02
.....Uauggcacuggaagaauucac.....	1	1	c02
.....aauggcacugCaagaauucac.....	4	1	c02
.....aaCggcacuggaagaauucac.....	2	1	c02
.....aGuggcacuggaagaauucac.....	1	1	c02
.....aauggcacuggaagaaGucac.....	2	1	c02
.....aauggcacuggaUgaauucac.....	1	1	c02
.....aauggcacuggaaCaauucac.....	5	1	c02
.....aauggcaGuggaagaauucac.....	1	1	c02
.....aauCgcacuggaagaauucac.....	6	1	c02
.....aauggcUcuggaagaauucac.....	1	1	c02
.....aauggcacCggaagaauucac.....	1	1	c02
.....aauggcacuggaagaauucGc.....	4	1	c02
.....aauggcacuggaagaauucac.....	3997	0	c02
.....aauggcacuggaagaauuGac.....	1	1	c02

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauucaG.....	4	1	c02
.....aaugAcacuggaagaauucac.....	1	1	c02
.....aauggcacuggaagaauucCc.....	31	1	c02
.....aauggUacuggaagaauucac.....	1	1	c02
.....aauggcacuggaagCauucac.....	1	1	c02
.....aauAgcacuggaagaauucac.....	1	1	c02
.....aauggcacuggaagaaCucac.....	3	1	c02
.....aauggcacuCgaagaauucac.....	2	1	c02
.....aauggcacuggUagaauucac.....	1	1	c02
.....aauggcGcuggaagaauucac.....	1	1	c02
.....aauggcacuggaagaauucUc.....	1	1	c02
.....aauggcacuAgaagaauucac.....	2	1	c02
.....Cauggcacuggaagaauucac.....	48	1	c02
.....aauggcacuggaagaauuAac.....	11	1	c02
.....aauggcacuggaagaaAucac.....	2	1	c02
.....aauggcacuggaagaauucaU.....	33	1	c02
.....aauggcaUuggaagaauucac.....	1	1	c02
.....aauggcacAggaagaauucac.....	3	1	c02
.....aauggcacugUaagaauucac.....	3	1	c02
.....aauggcacuggaagaCuucac.....	3	1	c02
.....aauggcaAuggaagaauucac.....	1	1	c02
.....aauggcacuggaagGauucac.....	2	1	c02
.....aauggcacuggaagaGuucac.....	1	1	c02
.....aaugCcacuggaagaauucac.....	4	1	c02
.....aauUgcacuggaagaauucacg.....	5	1	c02
.....aaugAcacuggaagaauucacg.....	1	1	c02
.....aauggcacuggaagaauucacg.....	7566	0	c02
.....aauggcacuCgaagaauucacg.....	6	1	c02
.....aauggcacuggCagaauucacg.....	2	1	c02
.....aauggcacuggGagaauucacg.....	2	1	c02
.....aauggcacuggaagaauCcacg.....	4	1	c02
.....aaugCcacuggaagaauucacg.....	2	1	c02
.....aauggcacuggaagaauucUcg.....	1	1	c02
.....aauCgcacuggaagaauucacg.....	7	1	c02
.....aauggcacuggaagaauucaGg.....	4	1	c02
.....aauggcaGuggaagaauucacg.....	2	1	c02
.....aauggcaUuggaagaauucacg.....	3	1	c02
.....aauggcacuggaagaauucacU.....	58	1	c02
.....aauggcacuggaagaauucGcg.....	2	1	c02
.....aauggcacugCaagaauucacg.....	7	1	c02
.....aauggcacuggaCgaauucacg.....	1	1	c02
.....aauggcacuggaUgaauucacg.....	3	1	c02
.....aauggcacuggaagaauAcacg.....	5	1	c02
.....aauggcacGggaagaauucacg.....	1	1	c02
.....aauggcacuggaagaauuAacg.....	19	1	c02
.....aauggcacuggaagaauucCcg.....	30	1	c02
.....aauAgcacuggaagaauucacg.....	1	1	c02
.....aauggcUcuggaagaauucacg.....	5	1	c02
.....aauggcacuggaagaauucaAg.....	15	1	c02
.....aauggcacuggaagaauuGacg.....	1	1	c02
.....aauggcacuggaaUaauucacg.....	3	1	c02
.....aauggAacuggaagaauucacg.....	9	1	c02
.....aauggcacuggaagaauucacA.....	30	1	c02
.....aauggcCcuggaagaauucacg.....	14	1	c02
.....Cauggcacuggaagaauucacg.....	114	1	c02
.....aauggcacuggaagaauuUacg.....	6	1	c02
.....aauggcacuggaagaauGcacg.....	1	1	c02
.....aaCggcacuggaagaauucacg.....	2	1	c02
.....aauggcacuggaagaaCucacg.....	4	1	c02
.....aauggcacuUgaagaauucacg.....	2	1	c02
.....aauggcacuggaGgaauucacg.....	1	1	c02
.....aauggcacuggaagaaAucacg.....	3	1	c02
.....aauggcacuggaagaaGucacg.....	2	1	c02
.....aauggcGcuggaagaauucacg.....	3	1	c02
.....aauggcacuggaagaauucaUg.....	7	1	c02
.....aUuggcacuggaagaauucacg.....	3	1	c02
.....aauggcacuggaagaCuucacg.....	6	1	c02
.....aaAggcacuggaagaauucacg.....	5	1	c02
.....aauggUacuggaagaauucacg.....	2	1	c02
.....aauggcacugUaagaauucacg.....	7	1	c02

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcaAuggaagaauucacg.....	3	1	c02
.....aaugUcacuggaagaauucacg.....	3	1	c02
.....aauggcacuggaaCaauucacg.....	2	1	c02
.....aauggcacuggaagCauucacg.....	2	1	c02
.....aauggcacugAaagaauucacg.....	1	1	c02
.....aauggGacuggaagaauucacg.....	1	1	c02
.....Gauggcacuggaagaauucacg.....	2	1	c02
.....aauggcacuAgaagaauucacg.....	3	1	c02
.....aauggcacuggaagaUuucacg.....	2	1	c02
.....Uauggcacuggaagaauucacg.....	1	1	c02
.....aauggcacuggaagGauucacg.....	3	1	c02
.....aauggcacuggaagaauucacC.....	13	1	c02
.....aauggcacCggaagaauucacg.....	3	1	c02
.....aauggcacAggaagaauucacg.....	3	1	c02
.....aauggcacuCgaagaauucacgg.....	9	1	c02
.....aauggUacuggaagaauucacgg.....	3	1	c02
.....aauggcacuggaagaauCcacgg.....	1	1	c02
.....aauUgcacuggaagaauucacgg.....	2	1	c02
.....aauggcacuggaagaauucacCg.....	5	1	c02
.....aauggcacuggaagaauucGcgg.....	2	1	c02
.....aauggcacuggaagaauucCcgg.....	17	1	c02
.....aauggcUcuggaagaauucacgg.....	1	1	c02
.....aauggcacuggaagaauucaAgg.....	11	1	c02
.....aauggcacuggaagCauucacgg.....	1	1	c02
.....Gauggcacuggaagaauucacgg.....	7	1	c02
.....aauggcacuggGagaauucacgg.....	2	1	c02
.....aauggGacuggaagaauucacgg.....	1	1	c02
.....aauggcacugCaagaauucacgg.....	2	1	c02
.....aauggcacuggaagaauucaUgg.....	5	1	c02
.....aaAggcacuggaagaauucacgg.....	1	1	c02
.....aauggcacuggaagaauucacgg.....	5777	0	c02
.....aauggcacuggaagaauAcacgg.....	2	1	c02
.....aauggcacuggaagaaCucacgg.....	1	1	c02
.....aauggcacuggaagaauucUcgg.....	1	1	c02
.....aaCggcacuggaagaauucacgg.....	2	1	c02
.....Cauggcacuggaagaauucacgg.....	90	1	c02
.....aGuggcacuggaagaauucacgg.....	1	1	c02
.....aaugCcacuggaagaauucacgg.....	3	1	c02
.....aUuggcacuggaagaauucacgg.....	2	1	c02
.....aauggcacuggaagaGuucacgg.....	1	1	c02
.....aauggcacuggaagaauucacgA.....	22	1	c02
.....aauggcacuggaagaauucacAg.....	2	1	c02
.....aauggcacuggaagaaAucacgg.....	5	1	c02
.....aauggcacuggaagaauucaGgg.....	5	1	c02
.....aauggcCcuggaagaauucacgg.....	6	1	c02
.....Uauggcacuggaagaauucacgg.....	3	1	c02
.....aauggcacuggaaCaauucacgg.....	2	1	c02
.....aauggcGcuggaagaauucacgg.....	3	1	c02
.....aauggcacuggaagaauucacgC.....	6	1	c02
.....aaugAcacuggaagaauucacgg.....	2	1	c02
.....aauggcacugUaagaauucacgg.....	4	1	c02
.....aauCgcacuggaagaauucacgg.....	8	1	c02
.....aauggcacuggaagaauucacgU.....	29	1	c02
.....aauggcacuggaagaauuGacgg.....	2	1	c02
.....aauggcacuggaGgaauucacgg.....	1	1	c02
.....aauggcacuAgaagaauucacgg.....	4	1	c02
.....aauAgcacuggaagaauucacgg.....	3	1	c02
.....aauggcacuggaagaauuUacgg.....	4	1	c02
.....aauggAacuggaagaauucacgg.....	4	1	c02
.....aauggcacCggaagaauucacgg.....	4	1	c02
.....aauggcacuggaUgaauucacgg.....	5	1	c02
.....aauggcacuggaagaauuAacgg.....	16	1	c02
.....aaugUcacuggaagaauucacgg.....	2	1	c02
.....aauggcaUuggaagaauucacgg.....	1	1	c02
.....aauggcacuggaagGauucacgg.....	1	1	c02
.....aauggcacGggaagaauucacgg.....	4	1	c02
.....aauggcacuggaagaCuucacgg.....	5	1	c02
.....aauggcacuggaagaauucacUg.....	5	1	c02
.....aauggcacuggaagaauuAacggg.....	8	1	c02
.....aaAggcacuggaagaauucacggg.....	3	1	c02

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauucacUgg.....	6	1	c02
.....Gauggcacuggaagaauucacggg.....	6	1	c02
.....aauggcacuggaagaaCucacggg.....	2	1	c02
.....aaugAcacuggaagaauucacggg.....	1	1	c02
.....aauggcacuggaagaauucacgAg.....	2	1	c02
.....aauggcacuggUagaauucacggg.....	1	1	c02
.....aauggcacuggaagaauucacggU.....	86	1	c02
.....aauggGacuggaagaauucacggg.....	1	1	c02
.....Cauggcacuggaagaauucacggg.....	73	1	c02
.....aauggcacuggaagCauucacggg.....	4	1	c02
.....aauggcacuAgaagaauucacggg.....	1	1	c02
.....aauggcUcuggaagaauucacggg.....	2	1	c02
.....aauggcacuggaagaauucacgUg.....	4	1	c02
.....aauggcacuggaaUaauucacggg.....	1	1	c02
.....aaugUcacuggaagaauucacggg.....	2	1	c02
.....aauggcacuggaagaCuucacggg.....	4	1	c02
.....aauggcacuggaagaauucacAgg.....	1	1	c02
.....aauggcacuggaaCaauucacggg.....	2	1	c02
.....aauggcacuggaagaaGucacggg.....	3	1	c02
.....aauggUacuggaagaauucacggg.....	1	1	c02
.....aauggcacuggaagaauucCcggg.....	13	1	c02
.....aauggcacuCgaagaauucacggg.....	7	1	c02
.....aGuggcacuggaagaauucacggg.....	2	1	c02
.....aauggcacugCaagaauucacggg.....	2	1	c02
.....aauggcacuggGagaauucacggg.....	2	1	c02
.....aauUgcacuggaagaauucacggg.....	3	1	c02
.....aauggcGcuggaagaauucacggg.....	1	1	c02
.....aauggcacuggaagaauucGcggg.....	1	1	c02
.....aauggcacuggaagaauucacggg.....	4337	0	c02
.....aauggAacuggaagaauucacggg.....	3	1	c02
.....aauggcCcuggaagaauucacggg.....	8	1	c02
.....aauggcacuggaagaauCcacggg.....	1	1	c02
.....aauggcacuggaagaauucaGggg.....	3	1	c02
.....aauggcacuggaagaaAucacggg.....	1	1	c02
.....aauggcacuggaagaauucacggC.....	6	1	c02
.....aauggcacCggaagaauucacggg.....	1	1	c02
.....aauggcacuggaagaauucaUggg.....	5	1	c02
.....aauggcacuggaagaauucacgCg.....	5	1	c02
.....aauggcacuggaagaauucaAggg.....	7	1	c02
.....aauggcacuggaagaauucacggA.....	62	1	c02
.....aauCgcacuggaagaauucacggg.....	3	1	c02
.....aaugCcacuggaagaauucacggg.....	1	1	c02
.....aauggcacuggaagaGuucacggg.....	1	1	c02
.....aauggcacuggaagaauucacCgg.....	7	1	c02
.....aaCggcacuggaagaauucacggg.....	1	1	c02
.....aauggcacAggaagaauucacggg.....	3	1	c02
.....aauggcacuggaagaauuUacggg.....	1	1	c02
.....aauggcacuggaUgaauucacggg.....	1	1	c02
.....aUuggcacuggaagaauucacggg.....	1	1	c02
.....aauggcacuggaagaauucacgggG.....	4	1	c02
.....aauggcacuggUagaauucacgggu.....	1	1	c02
.....aauggcacuggaagaaGucacgggu.....	1	1	c02
.....aaugCcacuggaagaauucacgggu.....	1	1	c02
.....aauggcacuggaagaauucacggUu.....	15	1	c02
.....aauggcacuggaagaauuAacgggu.....	2	1	c02
.....aauggcacuggaagaauucacCggu.....	1	1	c02
.....aauggcacuggaagaauAcacgggu.....	2	1	c02
.....Cauggcacuggaagaauucacgggu.....	12	1	c02
.....aauggcacuggaagaauucacgggC.....	7	1	c02
.....aauggcacuggaagaauucUcgggu.....	1	1	c02
.....aauggcacCggaagaauucacgggu.....	1	1	c02
.....aauggcacuggaagaauCcacgggu.....	1	1	c02
.....aauggcacuggaagaauucacgggA.....	273	1	c02
.....aauggcUcuggaagaauucacgggu.....	1	1	c02
.....aauggcacuggaagaauucacgggu.....	769	0	c02
.....aauggcacuggaagaauucacgCgu.....	1	1	c02
.....aauggcacuggaagaauucacgUgu.....	1	1	c02
.....aauCgcacuggaagaauucacgggu.....	1	1	c02
.....aauggcacugUaagaauucacgggu.....	1	1	c02
.....aauggcacuggaagaCuucacgggu.....	1	1	c02

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauucacggAu.....	10	1	c02
.....aauggcacuggaagaauucacggCu.....	2	1	c02
.....aauggcCcuggaagaauucacgggu.....	1	1	c02
.....aauggUacuggaagaauucacgggu.....	1	1	c02
.....aauggcacuggaagaauucCcgggu.....	6	1	c02
.....aauggcUcuggaagaauucacggguu.....	1	1	c02
.....aauggcacuggaagaauucacggUuu.....	7	1	c02
.....aauggcacuggaagaauucacggCuu.....	1	1	c02
.....aauggcacuggaagaauucacgggC.....	5	1	c02
.....aauggcacuggaagaauucacgggAu.....	25	1	c02
.....aauggcacuggaagaauucacgggu.....	66	0	c02
.....aauggcacuggaagaauucacgggA.....	17	1	c02
.....aauggcacuggaagaauucacggAuu.....	1	1	c02
.....aauggcacuggaagaauucacgggGu.....	3	1	c02
.....aauggcacuggaagaauucCcgggu.....	1	1	c02
.....aauggcacuggaagaauucacgggUU.....	52	1	c02
.....aauggcacuggaagaauucacgggAa.....	6	1	c02
.....aauggcacuggaagaauucacgggua.....	4	0	c02
.....aauggcacuggaagaauucacgggUC.....	1	1	c02
.....aauggcacuggaagaauucacgggAua.....	1	1	c02
.....aauggcacuggaagaauucacgggUUc.....	1	1	c02
.....aauggcacuggaagaauucacgggUaA.....	1	1	c02
.....aauggcacuggaagaauucacgggUaU.....	9	1	c02
.....aauggcacuggaagaauucacgggUuacauuac.....	1	0	c02
.....auggcacuggaagaauuca.....	13	0	c02
.....Uuggcacuggaagaauuca.....	1	1	c02
.....Cuggcacuggaagaauucac.....	1	1	c02
.....auggcacuggaagaauucac.....	11	0	c02
.....auggcacuggaagaauucacg.....	9	0	c02
.....Guggcacuggaagaauucacg.....	1	1	c02
.....Cuggcacuggaagaauucacg.....	2	1	c02
.....aAggcacuggaagaauucacg.....	1	1	c02
.....auggcacuggaagaauucacgg.....	11	0	c02
.....Cuggcacuggaagaauucacggg.....	1	1	c02
.....auggcacuggaagaauucacggU.....	1	1	c02
.....auggcacuggaagaauucacggg.....	14	0	c02
.....auggcacuggaagaauucacgggu.....	1	0	c02
.....uggcacuggaagaauuca.....	1	0	c02
.....uggcacuggaagaauucCcgg.....	1	1	c02
.....Gggcacuggaagaauucacggg.....	1	1	c02
.....uggcacuggaagaauucacgggu.....	1	0	c02
.....ggcacuggaagaauucacgggA.....	1	1	c02
.....gcacCggaagaauucacg.....	1	1	c02
.....gcacuggaagaauucacg.....	6	0	c02
.....gcacuggaCgaauucacgg.....	1	1	c02
.....gcacuggaagaauucacgg.....	5	0	c02
.....gcacuggaagaauucacggg.....	3	0	c02
.....cacuggaagaauucacgg.....	3	0	c02
.....cacuggaagaauucacggg.....	3	0	c02
.....cacuggaagaauucacgggUU.....	1	1	c02
.....cuggaagaauucacgggu.....	2	0	c02

.....caauggcacuggaagaauuca.....	1	0	c15
.....caauggcacuggaagaauucacg.....	2	0	c15
.....caauggcacuggaagaauucacgg.....	1	0	c15
.....Aaauggcacuggaagaauucacggg.....	1	1	c15
.....caauggcacuggaagaauucacgggu.....	1	0	c15
.....caaAggcacuggaagaauucacgggu.....	1	1	c15
.....aauggcacuggaagaauu.....	4	0	c15
.....aauggcacuggaagaauuc.....	1	0	c15
.....aauggcacuggaagaauuca.....	63	0	c15
.....aauggcacuggaagaauuGac.....	1	1	c15
.....aauggcacuggaagaauucac.....	118	0	c15
.....aauggcacuggaGgaauucac.....	1	1	c15
.....Uauggcacuggaagaauucacg.....	2	1	c15
.....aauggcacuggaagaauucacg.....	174	0	c15
.....aauggcacuggaagaauucacA.....	5	1	c15
.....aauUgcacuggaagaauucacg.....	1	1	c15
.....aauggcacuggaagaauucacU.....	1	1	c15
.....aauggcacuggaagaauucacgU.....	7	1	c15

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....Gauggcacuggaagaauucacgg.....	3	1	c15
.....aGuggcacuggaagaauucacgg.....	2	1	c15
.....aauggcacuggaagaauucacgg.....	669	0	c15
.....aauggcacuggaagaUuucacgg.....	1	1	c15
.....aauggcacuggaagaauucacAg.....	1	1	c15
.....aauggcacuggaagaauucacgA.....	7	1	c15
.....aauggcacuAgaagaauucacgg.....	1	1	c15
.....aauggcacuggGagaauucacgg.....	1	1	c15
.....aauggcacCggaagaauucacgg.....	2	1	c15
.....aauggcacuggaagaauucacgC.....	2	1	c15
.....aaugCcacuggaagaauucacgg.....	1	1	c15
.....aauggcacugAaagaauucacgg.....	1	1	c15
.....aauggcacuggaagaaCucacggg.....	2	1	c15
.....aauggcacuggaagaauucacgUg.....	1	1	c15
.....aauggcacCggaagaauucacggg.....	1	1	c15
.....aaugUcacuggaagaauucacggg.....	1	1	c15
.....aauggcacuggaagaauucacggA.....	50	1	c15
.....aauggUacuggaagaauucacggg.....	5	1	c15
.....aauggcacuggaagaauCcacggg.....	2	1	c15
.....aauggcacugUaagaauucacggg.....	1	1	c15
.....aauggcacuUgaagaauucacggg.....	2	1	c15
.....aauggcacugCaagaauucacggg.....	1	1	c15
.....aaCggcacuggaagaauucacggg.....	4	1	c15
.....aauggcacuggaagaUuucacggg.....	1	1	c15
.....aauggcacuggaagaauucacggU.....	25	1	c15
.....aauggcacuggaagaauuGacggg.....	1	1	c15
.....aauggcacuggaagaauucacggC.....	18	1	c15
.....aauggcacuAgaagaauucacggg.....	1	1	c15
.....aauggAacuggaagaauucacggg.....	1	1	c15
.....aauggcacuggaagaauuAacggg.....	1	1	c15
.....aauggcacuggaagaauucaAggg.....	1	1	c15
.....Cauggcacuggaagaauucacggg.....	1	1	c15
.....aaugAcacuggaagaauucacggg.....	3	1	c15
.....Gauggcacuggaagaauucacggg.....	3	1	c15
.....aauggGacuggaagaauucacggg.....	1	1	c15
.....aauggcacuggaagaauucacggg.....	4646	0	c15
.....aauUgcacuggaagaauucacggg.....	2	1	c15
.....aauggcacuggaagaGuucacggg.....	2	1	c15
.....aauAgcacuggaagaauucacggg.....	2	1	c15
.....aauggcacuggaagaauucGcggg.....	8	1	c15
.....aauggcacuggaagaauuUacggg.....	2	1	c15
.....aUuggcacuggaagaauucacggg.....	2	1	c15
.....aauggcacuggaGgaauucacggg.....	1	1	c15
.....aauggcacAggaagaauucacggg.....	1	1	c15
.....aauggcaGuggaagaauucacggg.....	1	1	c15
.....aGuggcacuggaagaauucacggg.....	2	1	c15
.....aaugCcacuggaagaauucacggg.....	1	1	c15
.....Uauggcacuggaagaauucacggg.....	5	1	c15
.....aauggcacuggaagaauucaUggg.....	3	1	c15
.....aauggcacuggGagaauucacggg.....	2	1	c15
.....aaAggcacuggaagaauucacggg.....	3	1	c15
.....aauggcacuggaagaauAcacggg.....	1	1	c15
.....aauggcacuggCagaauucacggg.....	1	1	c15
.....aauggcaUuggaagaauucacgggu.....	1	1	c15
.....aauggcacuggaagaauucacgggA.....	97	1	c15
.....Uauggcacuggaagaauucacgggu.....	1	1	c15
.....aauggcacuggaagaauucacgUgu.....	1	1	c15
.....aauggcacuggaUgaauucacgggu.....	1	1	c15
.....aauggcacuggaagaauucCcgggu.....	1	1	c15
.....aauggcacuggaagaauucGcgggu.....	1	1	c15
.....aauggcacuggaagaauucacgggG.....	4	1	c15
.....aauggcacuggaagaauucaGgggu.....	1	1	c15
.....aauggcacuggaagaauucacggAu.....	1	1	c15
.....Gauggcacuggaagaauucacgggu.....	1	1	c15
.....aauggcacuggaagaauucacggCu.....	1	1	c15
.....Cauggcacuggaagaauucacgggu.....	1	1	c15
.....aauggcacuggaagaauucacgggC.....	6	1	c15
.....aauggcacuggaagaauucacgggu.....	596	0	c15
.....aauggcacuggaagaauucacggguC.....	5	1	c15
.....aauggcacuggaagaauucacggUuu.....	2	1	c15

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauucacgggCu.....	1	1	c15
.....aauggcacuggaagaauucacggguu.....	60	0	c15
.....aauggcacuggaagaauuAacggguu.....	1	1	c15
.....aauggcacuggaagaauucacggguA.....	8	1	c15
.....aauggcacuggaagaauucacgggAu.....	9	1	c15
.....aauggcacuggaagaauucacggguuU.....	31	1	c15
.....aauggcacuggaagaauucacgggAua.....	1	1	c15
.....aauggcacuggaagaauucacggguua.....	3	0	c15
.....aauggcacuggaagaauucacggguAa.....	2	1	c15
.....aauggcacuggaagaauucacggguuac.....	1	0	c15
.....aauggcacuggaagaauucacggguuaU.....	3	1	c15
.....auggcacuggaagaauucacggg.....	4	0	c15
.....auggcacuggaagaauucacgggu.....	1	0	c15
.....gUcacuggaagaauucacggg.....	1	1	c15
.....gcacuggaagaauucacggg.....	2	0	c15
.....cacuggaagaauucacggg.....	1	0	c15
.....acuggaagaauucacggg.....	1	0	c15
.....cguggucucuuaguggcauca.....	2	0	c15

.....Agcaauggcacuggaagaauucacggg.....	1	1	c09
.....gCcaauggcacuggaagaauucacggg.....	1	1	c09
.....caauggcacuggaagaauuca.....	3	0	c09
.....caauggcacuggaagaauucac.....	1	0	c09
.....Aaauggcacuggaagaauucacggg.....	1	1	c09
.....caauggcacuggaagaauucacggg.....	1	0	c09
.....aauggcacuggaagaauu.....	111	0	c09
.....Cauggcacuggaagaauu.....	2	1	c09
.....aauggcacuggaaUaauu.....	1	1	c09
.....aauggcacuggaagaauA.....	2	1	c09
.....aaugCcacuggaagaauu.....	1	1	c09
.....Cauggcacuggaagaauuc.....	3	1	c09
.....aauggcacuggaagaauuc.....	116	0	c09
.....aauAgcacuggaagaauuca.....	1	1	c09
.....aauUgcacuggaagaauuca.....	4	1	c09
.....aauggcacuAgaagaauuca.....	1	1	c09
.....aauggcacuggaUgaauuca.....	1	1	c09
.....aauggcacuggaCgaauuca.....	1	1	c09
.....aauggUacuggaagaauuca.....	1	1	c09
.....aauggcacuggaagaauucU.....	3	1	c09
.....aauggcacugUaagaauuca.....	4	1	c09
.....aauggcacugCaagaauuca.....	2	1	c09
.....aauggcacuggaagaauucC.....	6	1	c09
.....aauggcacuggaagaauuAa.....	4	1	c09
.....aauggcacuggaagaauAca.....	1	1	c09
.....aauCgcacuggaagaauuca.....	3	1	c09
.....aauggcGcuggaagaauuca.....	1	1	c09
.....Gauggcacuggaagaauuca.....	2	1	c09
.....aGuggcacuggaagaauuca.....	1	1	c09
.....aauggcacuggaagaaGuca.....	1	1	c09
.....aaugCcacuggaagaauuca.....	1	1	c09
.....Cauggcacuggaagaauuca.....	15	1	c09
.....aauggcacuggUagaauuca.....	1	1	c09
.....aauggcaUuggaagaauuca.....	2	1	c09
.....aauggcacuggaagaUuuca.....	3	1	c09
.....aauggcCcuggaagaauuca.....	4	1	c09
.....aauggcacuggaagCauuca.....	1	1	c09
.....aauggcacuggaagaaAuca.....	3	1	c09
.....aauggcacuggaagaauucG.....	1	1	c09
.....aaugUcacuggaagaauuca.....	1	1	c09
.....aauggcacuggaGgaauuca.....	1	1	c09
.....aauggcacuggaagaauuca.....	1926	0	c09
.....aauggcacuggaagaaCuca.....	1	1	c09
.....aauggcacuggaagaauuAac.....	4	1	c09
.....aauggcacuggaagaauucCc.....	8	1	c09
.....aauggcacuggaGgaauucac.....	2	1	c09
.....aauggcacuggaagaauuGac.....	1	1	c09
.....aauggcaUuggaagaauucac.....	1	1	c09
.....aauggcacuggaagaauucaA.....	36	1	c09
.....Cauggcacuggaagaauucac.....	13	1	c09
.....aauggcacAggaagaauucac.....	1	1	c09

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggUacuggaagaauucac.....	4	1	c09
.....aauggcaAuggaagaauucac.....	1	1	c09
.....aaCggcacuggaagaauucac.....	1	1	c09
.....aauggcacuggGagaauucac.....	1	1	c09
.....aauggcaGuggaagaauucac.....	1	1	c09
.....aauggcacuAgaagaauucac.....	1	1	c09
.....aauggcacuggaagaauucaG.....	2	1	c09
.....aauggcacugUaagaauucac.....	3	1	c09
.....aauggcacuggaagaaCucac.....	1	1	c09
.....aauggcacuggaagaauucac.....	1393	0	c09
.....aauggcacugCaagaauucac.....	2	1	c09
.....aauggcacuggaagaauucaU.....	13	1	c09
.....aGuggcacuggaagaauucac.....	2	1	c09
.....aauggcCcuggaagaauucac.....	3	1	c09
.....aauggAacuggaagaauucacg.....	2	1	c09
.....aauggcacuggaUgaauucacg.....	2	1	c09
.....aauggcacuggaagaauAcacg.....	1	1	c09
.....aauggcacuggCagaauucacg.....	1	1	c09
.....aauggcacuCgaagaauucacg.....	1	1	c09
.....aauggcacuggaagaCuucacg.....	1	1	c09
.....aauggcacuggaagaauucaAg.....	6	1	c09
.....aauggcacuggaCgaauucacg.....	1	1	c09
.....aauCgcacuggaagaauucacg.....	1	1	c09
.....aauggcacugCaagaauucacg.....	4	1	c09
.....aauggcacugAaagaauucacg.....	1	1	c09
.....aauggcacuggaagCauucacg.....	1	1	c09
.....aauggcacuggaagaauucacg.....	2979	0	c09
.....aauggcacuggaagaaAucacg.....	2	1	c09
.....aauggcacugUaagaauucacg.....	5	1	c09
.....aauggcacuAgaagaauucacg.....	3	1	c09
.....aauggcacuggaagaaCucacg.....	1	1	c09
.....aauggcacuggaagaauCcacg.....	3	1	c09
.....aauggcacuggaagaauucacC.....	9	1	c09
.....aauggcGcuggaagaauucacg.....	2	1	c09
.....aCuggcacuggaagaauucacg.....	1	1	c09
.....aauggcaUuggaagaauucacg.....	3	1	c09
.....aauggcacuggaagaauuAacg.....	6	1	c09
.....aauggcaAuggaagaauucacg.....	1	1	c09
.....Cauggcacuggaagaauucacg.....	20	1	c09
.....aauggcacuggaagaauucaUg.....	3	1	c09
.....aauggcacuggaagaUuucacg.....	2	1	c09
.....aauggcacuggaaCaauucacg.....	2	1	c09
.....Gauggcacuggaagaauucacg.....	3	1	c09
.....aauggcacuggaagaauucacA.....	17	1	c09
.....aaGggcacuggaagaauucacg.....	2	1	c09
.....aauggcUcuggaagaauucacg.....	1	1	c09
.....aauggcacuggaagaauucCcg.....	7	1	c09
.....aauggGacuggaagaauucacg.....	2	1	c09
.....aauggcacuggaGgaauucacg.....	2	1	c09
.....aauggcacuggaagaGuucacg.....	1	1	c09
.....aauggcCcuggaagaauucacg.....	7	1	c09
.....aauggcacuggaagaauuUacg.....	1	1	c09
.....aaCggcacuggaagaauucacg.....	1	1	c09
.....aauggcacGggaagaauucacg.....	3	1	c09
.....aauggcacuggaagaauucGcg.....	4	1	c09
.....aauggUacuggaagaauucacg.....	3	1	c09
.....Uauggcacuggaagaauucacg.....	1	1	c09
.....aauggcacuggaagaaGucacg.....	1	1	c09
.....aaugCcacuggaagaauucacg.....	5	1	c09
.....aauggcacuggaagaauucacU.....	20	1	c09
.....aauggcacCggaagaauucacg.....	2	1	c09
.....aaugUcacuggaagaauucacg.....	1	1	c09
.....aauCgcacuggaagaauucacgg.....	2	1	c09
.....aaugUcacuggaagaauucacgg.....	1	1	c09
.....aauggcacuggaUgaauucacgg.....	2	1	c09
.....aauggcCcuggaagaauucacgg.....	1	1	c09
.....aauggcacuggaagaauucacAg.....	1	1	c09
.....aauggUacuggaagaauucacgg.....	2	1	c09
.....aauggcacuggaagaaAucacgg.....	1	1	c09
.....aauggcacuggaGgaauucacgg.....	1	1	c09

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcUcuggaagaauucacgg.....	1	1	c09
.....aauggcacuggaagaauucaUgg.....	1	1	c09
.....aauggcacuggaagaauucaGgg.....	1	1	c09
.....aauggAacuggaagaauucacgg.....	1	1	c09
.....aauggcacuggaagaauuAacgg.....	4	1	c09
.....aauggcacugUaagaauucacgg.....	1	1	c09
.....aauggcaAuggaagaauucacgg.....	2	1	c09
.....aauggcacuggaagaauucCcgg.....	9	1	c09
.....aauggcacuggUagaauucacgg.....	2	1	c09
.....aauAgcacuggaagaauucacgg.....	2	1	c09
.....aauggcacuAgaagaauucacgg.....	1	1	c09
.....aauggcacuggaCgaauucacgg.....	1	1	c09
.....aauggcacuggaagaauucacgC.....	2	1	c09
.....aauggcacuggaagaGuucacgg.....	1	1	c09
.....aauggcacuggaagaauucacUg.....	4	1	c09
.....aauggcacuggaagaauucacgA.....	14	1	c09
.....aGuggcacuggaagaauucacgg.....	1	1	c09
.....aauggcacuggaagaauucacgg.....	2179	0	c09
.....aauggcacuggaagaaCucacgg.....	2	1	c09
.....aaugCcacuggaagaauucacgg.....	2	1	c09
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.....aUuggcacuggaagaauucacgg.....	1	1	c09
.....aauggcacugCaagaauucacgg.....	4	1	c09
.....aauggcacuggaagaauucacgU.....	14	1	c09
.....aauggcacuggaagaauuUacgg.....	3	1	c09
.....aauggcacuggGagaauucacgg.....	1	1	c09
.....aauggcacuggaagaCuucacgg.....	1	1	c09
.....Gauggcacuggaagaauucacgg.....	1	1	c09
.....aauggcacuggaagaauucacCg.....	4	1	c09
.....Cauggcacuggaagaauucacgg.....	23	1	c09
.....aGuggcacuggaagaauucacggg.....	1	1	c09
.....aauggUacuggaagaauucacggg.....	3	1	c09
.....aauAgcacuggaagaauucacggg.....	1	1	c09
.....aauggcacCggaagaauucacggg.....	4	1	c09
.....aauggAacuggaagaauucacggg.....	2	1	c09
.....aaugCcacuggaagaauucacggg.....	1	1	c09
.....aauggcaAuggaagaauucacggg.....	1	1	c09
.....aauggcacuggaaCaauucacggg.....	1	1	c09
.....aauggcacuggaagaauucacggU.....	49	1	c09
.....aauggcacuggaagaauucacgCg.....	3	1	c09
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.....aauggcacuggaagaauucGcggg.....	2	1	c09
.....aauggcacugUaagaauucacggg.....	1	1	c09
.....aauggcacuggaaUaauucacggg.....	1	1	c09
.....aauggcacuggaGgaauucacggg.....	2	1	c09
.....aauggcacuggaagCauucacggg.....	2	1	c09
.....aaugAcacuggaagaauucacggg.....	1	1	c09
.....aauUgcacuggaagaauucacggg.....	1	1	c09
.....aauggcCcuggaagaauucacggg.....	2	1	c09
.....aauggcacuggaagaauCcacggg.....	1	1	c09
.....aauggcacuggaagUauucacggg.....	1	1	c09
.....aauggcacuggaagaauucacggg.....	1706	0	c09
.....aauggcacuggaagaauucacggC.....	5	1	c09
.....aUuggcacuggaagaauucacggg.....	1	1	c09
.....aauCgcacuggaagaauucacggg.....	1	1	c09
.....aauggcacuggaagaauucaUggg.....	2	1	c09
.....aauggcacuggaagaauucacgUg.....	3	1	c09
.....aauggcacuggaagaauucacUgg.....	2	1	c09
.....aauggcacuCgaagaauucacggg.....	1	1	c09
.....aauggcacuggaagaauucacAgg.....	1	1	c09
.....aauggcacuggaagaauucacggA.....	14	1	c09
.....Cauggcacuggaagaauucacggg.....	13	1	c09
.....aauggcacuggaagaauucCcggg.....	8	1	c09
.....aauggcacuggaaAaauucacggg.....	1	1	c09
.....aauggcacuggaagaaGucacggg.....	1	1	c09
.....aauggcacuggaagaauCcacgggu.....	1	1	c09
.....aauggcacuggaagaaCucacgggu.....	1	1	c09
.....aauggcacuggaagaauucaAgggu.....	1	1	c09
.....aauggcacuggaagaauucacgggG.....	6	1	c09
.....aauggcacuggaagaauucacggAu.....	3	1	c09

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauucacggUu.....	10	1	c09
.....aauggUacuggaagaauucacgggu.....	1	1	c09
.....aauggAacuggaagaauucacgggu.....	2	1	c09
.....aauggcacuggaagaauucacgggC.....	3	1	c09
.....aUuggcacuggaagaauucacgggu.....	1	1	c09
.....aauggcacuggaagaauucacgggA.....	127	1	c09
.....Cauggcacuggaagaauucacgggu.....	2	1	c09
.....aauggcacuggaagaauucUcgggu.....	1	1	c09
.....aauggcacuggaagaauuAacgggu.....	2	1	c09
.....aauggcacuggaagaauucacUggu.....	1	1	c09
.....aauggcacuggaagaauucacCggu.....	1	1	c09
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.....aauggcacuggaagaGuucacgggu.....	1	1	c09
.....aauggcacuggaagaauucacgggu.....	362	0	c09
.....aauggcCuggaagaauucacgggu.....	1	1	c09
.....aauggcacuggaagaauucacgggCu.....	1	1	c09
.....aauggcacuggaagaauucacggguA.....	7	1	c09
.....aauggcacuggaagaauucacgggAu.....	11	1	c09
.....aauggcacuggaagaauucacgggGu.....	2	1	c09
.....aauggcacuggaagaauucacggguu.....	31	0	c09
.....aauggcacuggaagaauucacggguC.....	3	1	c09
.....aauggcacuggaagaauucacggguG.....	1	1	c09
.....aauggcacuggaagaauucacgguUuu.....	1	1	c09
.....aauggcacuggaagaauucacgggguua.....	3	0	c09
.....aauggcacuggaagaauucacggguuU.....	29	1	c09
.....aauggcacuggaagaauucacggguAa.....	1	1	c09
.....aauggcacuggaagaauucacggguuC.....	1	1	c09
.....aauggcacuggaagaauucacggguuaU.....	2	1	c09
.....Guggcacuggaagaauuca.....	2	1	c09
.....auggcacuggaagaauuca.....	1	0	c09
.....auggcacuggaagaauucac.....	3	0	c09
.....Cuggcacuggaagaauucac.....	1	1	c09
.....auggcacuggaagaauucacg.....	5	0	c09
.....Cuggcacuggaagaauucacg.....	1	1	c09
.....Guggcacuggaagaauucacgg.....	1	1	c09
.....aAggcacuggaagaauucacgg.....	1	1	c09
.....auggcacuggaagaauucacgg.....	7	0	c09
.....aGggcacuggaagaauucacgg.....	1	1	c09
.....Cuggcacuggaagaauucacgg.....	2	1	c09
.....auggcacuggaagaauucacggg.....	3	0	c09
.....auggcacuggaagaauucacggguuU.....	1	1	c09
.....Gggcacuggaagaauucac.....	1	1	c09
.....Gggcacuggaagaauucacg.....	1	1	c09
.....uggcacuggaagaauucacg.....	2	0	c09
.....uggcacuggaagaauuAacgg.....	1	1	c09
.....Gggcacuggaagaauucacgg.....	1	1	c09
.....uggcacuggaagaauucacggg.....	2	0	c09
.....ggcacuggaagaauucacg.....	3	0	c09
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.....ggcacuggaagaauucacgg.....	2	0	c09
.....ggcacuggaagaauucacggg.....	1	0	c09
.....gcacuggaagaauucacg.....	11	0	c09
.....gcacuggaagaauucacgg.....	9	0	c09
.....Ccacuggaagaauucacgg.....	1	1	c09
.....gcCcuggaagaauucacggg.....	1	1	c09
.....gcacuggaagaauucacggg.....	7	0	c09
.....gcacuggaagaauucacgggA.....	1	1	c09
.....gcacuggaagaauucacgggu.....	1	0	c09
.....gcacuggaagaauucacggguu.....	1	0	c09
.....gcacuggaagaauucacggguuU.....	1	1	c09
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.....cacuggaagaauucacggg.....	3	0	c09
.....Ccuggaagaauucacggg.....	2	1	c09
.....acuggaagaauucacgggu.....	1	0	c09
.....cuggaagaauucacgggu.....	6	0	c09
.....cuggaagaauucacgggA.....	2	1	c09
.....cuggaagaauucacgggG.....	1	1	c09
.....cuggaagaauucacAggu.....	1	1	c09
.....aguccguggucucuuaguggcauca.....	1	0	c09
.....cguggucucuuaguggcaucac.....	1	0	c09

Mature Star

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.....ggcaauggcacuggaagaauucacgg.....	1	0	c04
.....gCcaauggcacuggaagaauucacgg.....	1	1	c04
.....gCcaauggcacuggaagaauucacgggg.....	1	1	c04
.....gGaauggcacuggaagaauucacgggg.....	1	1	c04
.....caauggcacuggaagaauucac.....	2	0	c04
.....Uaauggcacuggaagaauucac.....	1	1	c04
.....caauggcacuggaagaauucacgg.....	1	0	c04
.....Uaauggcacuggaagaauucacgg.....	1	1	c04
.....Uaauggcacuggaagaauucacgggg.....	1	1	c04
.....caauggcacuggaagaauucacgggg.....	2	0	c04
.....Gaauggcacuggaagaauucacgggg.....	1	1	c04
.....aauggcacuggaagaUuu.....	1	1	c04
.....aauggcacuggaaUaauu.....	1	1	c04
.....aauggcacuggaagaauC.....	1	1	c04
.....aauggcacuggaagaauu.....	164	0	c04
.....aauggcacuCgaagaauu.....	1	1	c04
.....Cauggcacuggaagaauu.....	2	1	c04
.....aauggcacuggaagaauA.....	2	1	c04
.....aauggcacuggaagaauuc.....	75	0	c04
.....aauggcacuggaagaauuU.....	1	1	c04
.....aauggcacuggaagaauuUa.....	1	1	c04
.....aauggcacuggaagaCuuca.....	1	1	c04
.....aauggcacuggaagaauuca.....	132	0	c04
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.....aauggcacuggaagaCuucac.....	1	1	c04
.....aauggAacuggaagaauucac.....	2	1	c04
.....aauCgcacuggaagaauucac.....	1	1	c04
.....aauggcacuggaagaauucGc.....	1	1	c04
.....aauggcacuggaagaauucaU.....	1	1	c04
.....aauggcacuggaagaauucCc.....	2	1	c04
.....aauggcacuggaagaauucaA.....	4	1	c04
.....aauggUacuggaagaauucac.....	2	1	c04
.....aaugAcacuggaagaauucac.....	1	1	c04
.....Cauggcacuggaagaauucac.....	4	1	c04
.....aauggcacuggaagaauucac.....	697	0	c04
.....aauggcacuggaagaauuAac.....	1	1	c04
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.....aauggcacuggaagaCuucacg.....	1	1	c04
.....aauggcacuggaagaauucaUg.....	1	1	c04
.....aaugAcacuggaagaauucacg.....	1	1	c04
.....aauggcacuggaagaaCucacg.....	1	1	c04
.....aauggcacuggaagaGuucacg.....	1	1	c04
.....aauggcacuggaagaauucacU.....	5	1	c04
.....aauggcacuggaagaauAcacg.....	1	1	c04
.....aauUgcacuggaagaauucacg.....	1	1	c04
.....aauggcaAuggaagaauucacg.....	1	1	c04
.....aauggcacuggaagaUuucacg.....	2	1	c04
.....aauggcGcuggaagaauucacg.....	1	1	c04
.....aauggcacuggGagaauucacg.....	1	1	c04
.....aauggcaGuggaagaauucacg.....	1	1	c04
.....aauggcCcuggaagaauucacg.....	3	1	c04
.....aauggcacuggaagaauucacA.....	15	1	c04
.....aauggcacuggaagaauuUacg.....	1	1	c04
.....Cauggcacuggaagaauucacg.....	18	1	c04
.....aauggcacCggaagaauucacg.....	1	1	c04
.....aauggcacuggaagaauucaAg.....	4	1	c04
.....aauggcacuggaagaauucacg.....	1703	0	c04
.....aauggAacuggaagaauucacg.....	3	1	c04
.....aauggcacuggaagaauuAacg.....	4	1	c04
.....aauggcacuggaGgaauucacg.....	2	1	c04
.....aauggcacGggaagaauucacg.....	1	1	c04
.....aauCgcacuggaagaauucacg.....	4	1	c04
.....aauggcacuggaagaaGucacg.....	1	1	c04
.....aauggcacuggaagaauucacC.....	3	1	c04
.....aauggcUcuggaagaauucacg.....	1	1	c04
.....aauggcacuggaagaauucCcg.....	8	1	c04
.....aauggcaUuggaagaauucacg.....	1	1	c04
.....aaugCcacuggaagaauucacg.....	2	1	c04
.....aCuggcacuggaagaauucacg.....	2	1	c04

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauCgcacuggaagaauucacgg.....	2	1	c04
.....Uauggcacuggaagaauucacgg.....	2	1	c04
.....aauggcacuggaagaauucaAgg.....	3	1	c04
.....aauggcacuggaagaCuucacgg.....	1	1	c04
.....aauggcacuggaagaauucacgA.....	2	1	c04
.....aCuggcacuggaagaauucacgg.....	3	1	c04
.....aauggcacuggaagCauucacgg.....	2	1	c04
.....aauggcacuggGagaauucacgg.....	1	1	c04
.....aaCggcacuggaagaauucacgg.....	2	1	c04
.....aGuggcacuggaagaauucacgg.....	1	1	c04
.....aauggcacuggaagaauucacgg.....	3136	0	c04
.....aauggcCcuggaagaauucacgg.....	6	1	c04
.....aauggcacuggaagaauucacgC.....	1	1	c04
.....aauggcacuggaCgaauucacgg.....	1	1	c04
.....aauggcacuggaagaauucCcgg.....	20	1	c04
.....Cauggcacuggaagaauucacgg.....	46	1	c04
.....aauggcacuggaagaauuUacgg.....	1	1	c04
.....aauggcacuggaagaauAcacgg.....	3	1	c04
.....Gauggcacuggaagaauucacgg.....	1	1	c04
.....aauggcacuCgaagaauucacgg.....	3	1	c04
.....aaugCcacuggaagaauucacgg.....	2	1	c04
.....aauggcacuggaagaauucacUg.....	4	1	c04
.....aauggcacAggaagaauucacgg.....	2	1	c04
.....aauggcacuggaagaauucUcgg.....	1	1	c04
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.....aauggcacuggaagaauucaUgg.....	2	1	c04
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.....aauggcacuggaagaauuAacgg.....	4	1	c04
.....aauggcacuggaaAaauucacgg.....	1	1	c04
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.....Gauggcacuggaagaauucacggg.....	4	1	c04
.....aauUgcacuggaagaauucacggg.....	1	1	c04
.....aauggcaUuggaagaauucacggg.....	2	1	c04
.....aaCggcacuggaagaauucacggg.....	3	1	c04
.....aGuggcacuggaagaauucacggg.....	3	1	c04
.....aauCgcacuggaagaauucacggg.....	1	1	c04
.....aauggcacuggaagaauAcacggg.....	2	1	c04
.....aaugUcacuggaagaauucacggg.....	2	1	c04
.....aauggcacuggaagaauucacggg.....	6185	0	c04
.....Uauggcacuggaagaauucacggg.....	2	1	c04
.....aauggcacuggaagaGuucacggg.....	2	1	c04
.....aauggcacuggaagGauucacggg.....	5	1	c04
.....aauggcGcuggaagaauucacggg.....	1	1	c04
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.....aauggcacuggaagaauucacgCg.....	6	1	c04
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.....aauggcacuggaagaauucaAggg.....	5	1	c04
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.....aauggcaAuggaagaauucacggg.....	4	1	c04
.....aauggcacugAaagaauucacggg.....	1	1	c04
.....aauggcacuggaagaauucCcggg.....	30	1	c04
.....aauggcacuggaagaauucacggC.....	9	1	c04
.....aauggcacuggaagaauuAacggg.....	14	1	c04
.....aCuggcacuggaagaauucacggg.....	1	1	c04
.....aauggcacuggaagaauucaUggg.....	6	1	c04

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauucacCgg.....	2	1	c04
.....aauggcacCggaagaauucacggg.....	1	1	c04
.....aauggcacuggaagaauucUcggg.....	3	1	c04
.....aauggcacuggGagaauucacggg.....	2	1	c04
.....aauggAacuggaagaauucacggg.....	8	1	c04
.....aUuggcacuggaagaauucacggg.....	11	1	c04
.....aauggcacuggaagaauucacAgg.....	1	1	c04
.....aauggcacuggaGgaauucacggg.....	3	1	c04
.....aauggcacuggaagaauucacUgg.....	4	1	c04
.....aauggcCcuggaagaauucacggg.....	13	1	c04
.....aauggcacuggaaCaauucacggg.....	2	1	c04
.....aauggcacuggaagaUuucacggg.....	2	1	c04
.....aauggUacuggaagaauucacggg.....	4	1	c04
.....aauggcaGuggaagaauucacggg.....	1	1	c04
.....aauAgcacuggaagaauucacggg.....	4	1	c04
.....aauggcacuggaagaauucGcggg.....	2	1	c04
.....aauggcUcuggaagaauucacggg.....	3	1	c04
.....Cauggcacuggaagaauucacggg.....	78	1	c04
.....aauggcacGggaagaauucacggg.....	1	1	c04
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.....aauggcacuggaagaaAucacggg.....	1	1	c04
.....aaugCcacuggaagaauucacggg.....	7	1	c04
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.....aauggcacuAgaagaauucacggg.....	2	1	c04
.....aauggcacuggaagaauucacgUg.....	2	1	c04
.....aauggcacuCgaagaauucacggg.....	4	1	c04
.....Cauggcacuggaagaauucacgggu.....	3	1	c04
.....aauggcacuggaagaauucacgggA.....	315	1	c04
.....Uauggcacuggaagaauucacgggu.....	1	1	c04
.....aauggcacuggaagaauucacgggG.....	5	1	c04
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.....aauggcacuggaagaauucacggCu.....	1	1	c04
.....aauggcacuggaagaauucacggUu.....	5	1	c04
.....aauggcacuggaagaauucacggAu.....	1	1	c04
.....aauggcacuggaagaauucacgggC.....	8	1	c04
.....aauggcacuggaagaauAcacgggu.....	1	1	c04
.....aauggcacuggaagaauucacgggu.....	289	0	c04
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.....aauggcacuggaagaauucacgggAu.....	16	1	c04
.....aauggcacuggaagaauucacgggA.....	6	1	c04
.....aauggcacuggaagaauucacgggCu.....	1	1	c04
.....aauggcacuggaagaauucacgggC.....	2	1	c04
.....aauggcacuggaagaauucacgggAua.....	1	1	c04
.....aauggcacuggaagaauucacgggAa.....	2	1	c04
.....aauggcacuggaagaauucacgggU.....	10	1	c04
.....aauggcacuggaagaauucacgggAu.....	1	1	c04
.....Cuggcacuggaagaauucac.....	1	1	c04
.....auggcacuggaagaauucac.....	1	0	c04
.....auggcacuggaagaauucacg.....	2	0	c04
.....Uuggcacuggaagaauucacg.....	1	1	c04
.....auggcacuggaagaauucacgg.....	6	0	c04
.....aAggcacuggaagaauucacgg.....	2	1	c04
.....Uuggcacuggaagaauucacgg.....	3	1	c04
.....Cuggcacuggaagaauucacgg.....	1	1	c04
.....auggcacuggaagaauucacggg.....	11	0	c04
.....aAggcacuggaagaauucacggg.....	3	1	c04
.....aGggcacuggaagaauucacggg.....	1	1	c04
.....uggcacuUgaagaauucacg.....	1	1	c04
.....uggcacuggaagaauuAacg.....	1	1	c04
.....uggcacuggaagaauucacgg.....	1	0	c04
.....ugAcacuggaagaauucacgg.....	1	1	c04
.....Gggcacuggaagaauucacgg.....	3	1	c04
.....Gggcacuggaagaauucacggg.....	1	1	c04
.....uggcacuggaagaauucacggg.....	2	0	c04
.....ggcacuggaagaauucacg.....	3	0	c04
.....Cgcacuggaagaauucacg.....	1	1	c04
.....Ugcacuggaagaauucacg.....	1	1	c04
.....ggcacuggaagaauucacgg.....	2	0	c04
.....ggcacuggaagGauucacgg.....	1	1	c04

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....ggcacuggaagaauucacggg.....	11	0	c04
.....ggcacuggaagaauucacggguG.....	1	1	c04
.....gcacuggaagaauucacg.....	7	0	c04
.....gcaGuggaagaauucacgg.....	1	1	c04
.....gcacuggaagaauucacgg.....	13	0	c04
.....Ccacuggaagaauucacggg.....	1	1	c04
.....gcacuggaagaauucacCgg.....	1	1	c04
.....gcacuggaagaauucacggg.....	25	0	c04
.....gcacuggaagaauucacgggA.....	1	1	c04
.....gcacuggaagaauucacgggu.....	2	0	c04
.....gcacuggaagaauucacggguA.....	1	1	c04
.....cacuggaagaauucacgg.....	4	0	c04
.....cacuggaagaauucacggg.....	7	0	c04
.....Aacuggaagaauucacggg.....	1	1	c04
.....cacuggaagaauucacgggA.....	1	1	c04
.....acuggaagaauucacggg.....	7	0	c04
.....cuggaagaauucacggUu.....	1	1	c04
.....cuggaagaauucacgggA.....	3	1	c04
.....cguggucucuuaguggcaucac.....	1	0	c04

.....agCcaauggcacuggaagaauucacg.....	1	1	c16
.....agUcaauggcacuggaagaauucacgg.....	1	1	c16
.....agCcaauggcacuggaagaauucacgg.....	1	1	c16
.....Gggcaauggcacuggaagaauucacggg.....	2	1	c16
.....agUcaauggcacuggaagaauucacggg.....	1	1	c16
.....aggcaauggcacuggaagaauucacggg.....	1	0	c16
.....aAgcaauggcacuggaagaauucacgggu.....	1	1	c16
.....ggcaauggcacuggaagaauuca.....	1	0	c16
.....gCcaauggcacuggaagaauuca.....	1	1	c16
.....ggGaauggcacuggaagaauuca.....	1	1	c16
.....gCcaauggcacuggaagaauucac.....	2	1	c16
.....gCcaauggcacuggaagaauucacg.....	3	1	c16
.....ggAaauggcacuggaagaauucacg.....	1	1	c16
.....gAcaauggcacuggaagaauucacg.....	1	1	c16
.....ggUaauggcacuggaagaauucacgg.....	1	1	c16
.....gAcaauggcacuggaagaauucacgg.....	2	1	c16
.....gCcaauggcacuggaagaauucacgg.....	1	1	c16
.....ggUaauggcacuggaagaauucacggg.....	1	1	c16
.....ggAaauggcacuggaagaauucacggg.....	2	1	c16
.....gCcaauggcacuggaagaauucacggg.....	3	1	c16
.....gAcaauggcacuggaagaauucacggg.....	1	1	c16
.....gGaauggcacuggaagaauuca.....	1	1	c16
.....gcaauggcacuggaagaauucacgg.....	1	0	c16
.....Ucaauggcacuggaagaauucacgg.....	1	1	c16
.....Ccaauggcacuggaagaauucacggg.....	1	1	c16
.....gGaauggcacuggaagaauucacggg.....	1	1	c16
.....gUaauggcacuggaagaauucacggg.....	1	1	c16
.....Acaauggcacuggaagaauucacggg.....	1	1	c16
.....gAaauggcacuggaagaauucacgggu.....	1	1	c16
.....caauggcacuggaagaauuc.....	3	0	c16
.....caauggcacuggaagaauuU.....	1	1	c16
.....caauggcacuggaagaauuca.....	11	0	c16
.....caUuggcacuggaagaauuca.....	1	1	c16
.....caauggcacuggaagaauucac.....	7	0	c16
.....Aaauggcacuggaagaauucacg.....	1	1	c16
.....caauggcacuggaagaauucacg.....	13	0	c16
.....cUauggcacuggaagaauucacgg.....	1	1	c16
.....caauggcacuggaagaauucacgg.....	13	0	c16
.....Aaauggcacuggaagaauucacgg.....	2	1	c16
.....caauggcacuggaagaauucacgU.....	1	1	c16
.....caauggcacuggaagaauuAacggg.....	1	1	c16
.....Uaauggcacuggaagaauucacggg.....	1	1	c16
.....caauggcacuggaagaauucacggg.....	15	0	c16
.....caauggcacuggaagaauucaAggg.....	1	1	c16
.....caauggcacuggaagaauucacggA.....	1	1	c16
.....Gaauggcacuggaagaauucacggg.....	1	1	c16
.....Uaauggcacuggaagaauucacgggu.....	1	1	c16
.....caauggcacuggaagaauucacgggA.....	2	1	c16
.....caauggcacuggaagaauucacgggu.....	1	0	c16
.....caauggcacuggaagaauuAacgggu.....	1	1	c16

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauu.....	743	0	c16
.....aauggcaGuggaagaauu.....	1	1	c16
.....aauggcacugCaagaauu.....	1	1	c16
.....aaugCcacuggaagaauu.....	1	1	c16
.....aauggcacuggUagaauu.....	1	1	c16
.....aaugAcacuggaagaauu.....	1	1	c16
.....aauggcacuCgaagaauu.....	2	1	c16
.....aauggAacuggaagaauu.....	2	1	c16
.....aauggcaAuggaagaauu.....	1	1	c16
.....aauggGacuggaagaauu.....	1	1	c16
.....aauggcacuggaaCaauu.....	1	1	c16
.....aUuggcacuggaagaauu.....	1	1	c16
.....aaAggcacuggaagaauu.....	1	1	c16
.....aauggcacuggaagaCuu.....	1	1	c16
.....aauggcCcuggaagaauu.....	1	1	c16
.....Cauggcacuggaagaauu.....	21	1	c16
.....aauggcacuggaagaauA.....	1	1	c16
.....aauggGacuggaagaauuc.....	1	1	c16
.....aauggcacuggaagaGuuc.....	1	1	c16
.....aauggcacuggaUgaauuc.....	2	1	c16
.....aauggcacuggaaCaauuc.....	7	1	c16
.....Gauggcacuggaagaauuc.....	1	1	c16
.....aaCggcacuggaagaauuc.....	1	1	c16
.....aauggcacugCaagaauuc.....	4	1	c16
.....Cauggcacuggaagaauuc.....	57	1	c16
.....aauggcacuUgaagaauuc.....	1	1	c16
.....aauggcacuggaagaauuc.....	2923	0	c16
.....aauggUacuggaagaauuc.....	2	1	c16
.....aauggcacuggaagaauuA.....	11	1	c16
.....aauggcacuggaagaauuG.....	2	1	c16
.....aauggcacuggUagaauuc.....	1	1	c16
.....aauggcacuAgaagaauuc.....	1	1	c16
.....aGuggcacuggaagaauuc.....	2	1	c16
.....aauggcacCggaagaauuc.....	2	1	c16
.....aauggcacuggGagaauuc.....	2	1	c16
.....aauggcCcuggaagaauuc.....	7	1	c16
.....aauggcacuggaagCauuc.....	2	1	c16
.....aauggcUcuggaagaauuc.....	1	1	c16
.....aaugAcacuggaagaauuc.....	1	1	c16
.....aauggcacuggaagaCuuc.....	2	1	c16
.....aauggcacuggaagUauuc.....	1	1	c16
.....aauggcacugUaagaauuc.....	1	1	c16
.....aauggcacuggaagaauuU.....	9	1	c16
.....aauggcacuCgaagaauuc.....	4	1	c16
.....aauggcacAggaagaauuc.....	1	1	c16
.....aauAgcacuggaagaauuc.....	1	1	c16
.....aauggAacuggaagaauuc.....	1	1	c16
.....aaugCcacuggaagaauuc.....	3	1	c16
.....aauCgcacuggaagaauuc.....	2	1	c16
.....aauggcacuggaagaauAc.....	1	1	c16
.....aauggcacugAaagaauuca.....	5	1	c16
.....aauggcacuggaagaauuGa.....	4	1	c16
.....aauggcacuggaUgaauuca.....	12	1	c16
.....Cauggcacuggaagaauuca.....	502	1	c16
.....aauggcacuggaagaauucG.....	15	1	c16
.....Uauggcacuggaagaauuca.....	5	1	c16
.....aauggcacuggUagaauuca.....	5	1	c16
.....aauggcacuggaagaauGca.....	4	1	c16
.....aauggcGcuggaagaauuca.....	4	1	c16
.....aauggUacuggaagaauuca.....	12	1	c16
.....aaAggcacuggaagaauuca.....	19	1	c16
.....aCuggcacuggaagaauuca.....	2	1	c16
.....aauggcacuggaGgaauuca.....	9	1	c16
.....aauggcacuggaagaUuuca.....	11	1	c16
.....aauggcacuggaaCaauuca.....	10	1	c16
.....aaugUcacuggaagaauuca.....	11	1	c16
.....aauggcacuggaagaauucU.....	15	1	c16
.....aauggcacuggaagaauuAa.....	58	1	c16
.....aauggcacuAgaagaauuca.....	2	1	c16
.....aauggcaAuggaagaauuca.....	15	1	c16

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aaugAcacuggaagaauuca.....	1	1	c16
.....aaugCcacuggaagaauuca.....	20	1	c16
.....aauggcaUuggaagaauuca.....	10	1	c16
.....aauAgcacuggaagaauuca.....	8	1	c16
.....aauggcacugCaagaauuca.....	10	1	c16
.....aauggcacuggaaAaauuca.....	4	1	c16
.....aauggcacuggaagCauuca.....	11	1	c16
.....aauggcacuggaagGauuca.....	4	1	c16
.....aauggcUcuggaagaauuca.....	4	1	c16
.....aauggcacAggaagaauuca.....	11	1	c16
.....aauggcacuggaagaauucC.....	31	1	c16
.....aauggcacuUgaagaauuca.....	19	1	c16
.....aauggcacuggaagaauAca.....	11	1	c16
.....aauggcacuggaagUauuca.....	2	1	c16
.....aaCggcacuggaagaauuca.....	3	1	c16
.....aauggcacuCgaagaauuca.....	27	1	c16
.....aauggcacGggaagaauuca.....	7	1	c16
.....aauggcacugUaagaauuca.....	12	1	c16
.....aauggcacuggaCgaauuca.....	4	1	c16
.....aauggcCcuggaagaauuca.....	55	1	c16
.....aauggcacuggaagaGuuca.....	2	1	c16
.....aGuggcacuggaagaauuca.....	1	1	c16
.....aauggcacuggaagaauuUa.....	9	1	c16
.....aauCgcacuggaagaauuca.....	23	1	c16
.....aUuggcacuggaagaauuca.....	5	1	c16
.....aauggcacuggaagaauuca.....	25004	0	c16
.....Gauggcacuggaagaauuca.....	10	1	c16
.....aauggcacuggaagaCuuca.....	14	1	c16
.....aauggGacuggaagaauuca.....	6	1	c16
.....aauggcacuggaagaauCca.....	3	1	c16
.....aauggcacuggCagaauuca.....	1	1	c16
.....aauggcaGuggaagaauuca.....	2	1	c16
.....aauggcacuggaagaaCuca.....	3	1	c16
.....aauUgcacuggaagaauuca.....	10	1	c16
.....aauggcacuggaagaaGuca.....	13	1	c16
.....aauggcacuggaagaaAuca.....	9	1	c16
.....aauggAacuggaagaauuca.....	23	1	c16
.....aauggcacCggaagaauuca.....	10	1	c16
.....aauggcacuggGagaauuca.....	6	1	c16
.....aauggcacuggaaUaauuca.....	11	1	c16
.....aauggcacuggaagaauCcac.....	1	1	c16
.....aauggcacuggaagaauuGac.....	4	1	c16
.....aauCgcacuggaagaauucac.....	19	1	c16
.....aauggcacuggaagaauucaU.....	41	1	c16
.....aaugCcacuggaagaauucac.....	7	1	c16
.....Cauggcacuggaagaauucac.....	305	1	c16
.....aauggcacuggaCgaauucac.....	1	1	c16
.....aauggcaAuggaagaauucac.....	8	1	c16
.....aauggcacuggUagaauucac.....	3	1	c16
.....aauggcacugCaagaauucac.....	10	1	c16
.....aauggcacuggaagaauGcac.....	1	1	c16
.....aauggGacuggaagaauucac.....	5	1	c16
.....aauggcacuggaagaaAucac.....	8	1	c16
.....aauggcacuggaagaauucUc.....	5	1	c16
.....aCuggcacuggaagaauucac.....	1	1	c16
.....aauggcacCggaagaauucac.....	7	1	c16
.....aauggcacuggaaUaauucac.....	11	1	c16
.....Gauggcacuggaagaauucac.....	8	1	c16
.....aauggcacuggaagaauucaA.....	112	1	c16
.....aUuggcacuggaagaauucac.....	1	1	c16
.....aauggcacuggaagaauucGc.....	4	1	c16
.....aauggcacuggaagaaCucac.....	1	1	c16
.....aauggcacGggaagaauucac.....	4	1	c16
.....aauggcacuggaaCaauucac.....	8	1	c16
.....aauUgcacuggaagaauucac.....	8	1	c16
.....aauggcacuggaagaUuucac.....	7	1	c16
.....aauggcacuggaGgaauucac.....	6	1	c16
.....aauggcacuggaUgaauucac.....	4	1	c16
.....aauggcacugUaagaauucac.....	4	1	c16
.....aauggcacuggaagaauuUac.....	3	1	c16

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aaugUcacuggaagaauucac.....	9	1	c16
.....aauggcacuggGagaauucac.....	3	1	c16
.....aauggcGcuggaagaauucac.....	4	1	c16
.....aaCggcacuggaagaauucac.....	2	1	c16
.....aauggcacuggaagaauucaG.....	18	1	c16
.....aauggcCcuggaagaauucac.....	36	1	c16
.....aauAgcacuggaagaauucac.....	3	1	c16
.....aauggUacuggaagaauucac.....	5	1	c16
.....aauggcacuggaagaGuucac.....	2	1	c16
.....aauggcUcuggaagaauucac.....	8	1	c16
.....aauggcacAggaagaauucac.....	5	1	c16
.....aauggcaUuggaagaauucac.....	5	1	c16
.....aauggcacuggCagaauucac.....	1	1	c16
.....aauggcacuggaagaauucCc.....	77	1	c16
.....aauggAacuggaagaauucac.....	8	1	c16
.....aauggcacuggaagaauuAac.....	44	1	c16
.....aauggcacuggaagCauucac.....	4	1	c16
.....aauggcacuggaagaCuucac.....	13	1	c16
.....aauggcacuCgaagaauucac.....	15	1	c16
.....aauggcacuAgaagaauucac.....	1	1	c16
.....aauggcacuggaagGauucac.....	2	1	c16
.....aauggcaGuggaagaauucac.....	2	1	c16
.....aauggcacuggaaAaauucac.....	2	1	c16
.....aauggcacuggaagaauAcac.....	4	1	c16
.....aauggcacuggaagaauucac.....	16161	0	c16
.....aauggcacugAaagaauucac.....	1	1	c16
.....aaugAcacuggaagaauucac.....	1	1	c16
.....aauggcacuggaagaaGucac.....	7	1	c16
.....aaAggcacuggaagaauucac.....	14	1	c16
.....Uauggcacuggaagaauucac.....	3	1	c16
.....aauggcacuUgaagaauucac.....	5	1	c16
.....aGuggcacuggaagaauucac.....	2	1	c16
.....aauggcacuggaCgaauucacg.....	2	1	c16
.....aauggcacuggaUgaauucacg.....	12	1	c16
.....aauggcacuggUagaauucacg.....	6	1	c16
.....aauggcacuggaaAaauucacg.....	1	1	c16
.....aauggcacuggaGgaauucacg.....	10	1	c16
.....aauggcacuggaaCaauucacg.....	17	1	c16
.....aauggcacuggaagaauucaGg.....	8	1	c16
.....aGuggcacuggaagaauucacg.....	1	1	c16
.....aCuggcacuggaagaauucacg.....	1	1	c16
.....aauggcCcuggaagaauucacg.....	39	1	c16
.....aauggcacuggaagCauucacg.....	8	1	c16
.....aauCgcacuggaagaauucacg.....	31	1	c16
.....aauggcacuggaagaauuAacg.....	77	1	c16
.....aauggcacuggCagaauucacg.....	1	1	c16
.....aauggcacCggaagaauucacg.....	7	1	c16
.....aaugAcacuggaagaauucacg.....	5	1	c16
.....aauggcacuggaagaauucCcg.....	103	1	c16
.....aauggcacuggaagaauGcacg.....	1	1	c16
.....aauggcacuggaagaauucacU.....	82	1	c16
.....aauggcacuggaagaauucacg.....	23985	0	c16
.....aauggcGcuggaagaauucacg.....	6	1	c16
.....aauggcacuggaagUauucacg.....	1	1	c16
.....aauAgcacuggaagaauucacg.....	13	1	c16
.....aauggcacGggaagaauucacg.....	2	1	c16
.....aauggcacAggaagaauucacg.....	14	1	c16
.....aauggcaAuggaagaauucacg.....	10	1	c16
.....aauggcacuggaagaauucacC.....	23	1	c16
.....aauggcacuggaagaaAucacg.....	10	1	c16
.....aauggcacugCaagaauucacg.....	18	1	c16
.....aaCggcacuggaagaauucacg.....	5	1	c16
.....aauggcacuAgaagaauucacg.....	8	1	c16
.....Uauggcacuggaagaauucacg.....	5	1	c16
.....aaAggcacuggaagaauucacg.....	18	1	c16
.....aauggUacuggaagaauucacg.....	13	1	c16
.....aauggcaUuggaagaauucacg.....	9	1	c16
.....aauggcacuggaagaauucacA.....	149	1	c16
.....aauggcacuggaaUaauucacg.....	5	1	c16
.....aaGggcacuggaagaauucacg.....	2	1	c16

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauucGcg.....	17	1	c16
.....Cauggcacuggaagaauucacg.....	505	1	c16
.....aauggcacugUaagaauucacg.....	9	1	c16
.....aauggcacuggaagaauuGacg.....	13	1	c16
.....aauUgcacuggaagaauucacg.....	11	1	c16
.....aUuggcacuggaagaauucacg.....	5	1	c16
.....aaugUcacuggaagaauucacg.....	15	1	c16
.....aaugCcacuggaagaauucacg.....	16	1	c16
.....aauggcacuggaagaaGucacg.....	3	1	c16
.....aauggcacuUgaagaauucacg.....	3	1	c16
.....aauggcacuggaagaGuucacg.....	3	1	c16
.....aauggcacuggaagaauCcacg.....	4	1	c16
.....aauggcacuggGagaauucacg.....	5	1	c16
.....aauggcacuggaagaauucaAg.....	36	1	c16
.....aauggcacuggaagaauuUacg.....	17	1	c16
.....aauggcacuggaagaauAcacg.....	6	1	c16
.....aauggcacuggaagaauucUcg.....	2	1	c16
.....aauggAacuggaagaauucacg.....	18	1	c16
.....aauggcacuCgaagaauucacg.....	25	1	c16
.....aauggGacuggaagaauucacg.....	2	1	c16
.....aauggcacuggaagaauucaUg.....	18	1	c16
.....aauggcacuggaagaCuucacg.....	20	1	c16
.....aauggcacuggaagaUuucacg.....	8	1	c16
.....aauggcacuggaagaaCucacg.....	6	1	c16
.....Gauggcacuggaagaauucacg.....	6	1	c16
.....aauggcUcuggaagaauucacg.....	9	1	c16
.....aauggcacuggaagGauucacg.....	2	1	c16
.....aauggcaGuggaagaauucacg.....	4	1	c16
.....aauggcaUuggaagaauucacgg.....	13	1	c16
.....aauggcacuggaaAaauucacgg.....	3	1	c16
.....aauggcacCggaagaauucacgg.....	15	1	c16
.....aauCgcacuggaagaauucacgg.....	28	1	c16
.....aauggcacuggaaCaauucacgg.....	17	1	c16
.....aauggcacugUaagaauucacgg.....	11	1	c16
.....aauggcacGggaagaauucacgg.....	12	1	c16
.....aauggcacuggaagaauAcacgg.....	18	1	c16
.....aauggUacuggaagaauucacgg.....	19	1	c16
.....aaugUcacuggaagaauucacgg.....	14	1	c16
.....aauggcacuggaagaauucacgg.....	43584	0	c16
.....aauggcacuggaagaauucaGgg.....	19	1	c16
.....aauggcacuggaagaauucGcgg.....	16	1	c16
.....aauggcacuUgaagaauucacgg.....	19	1	c16
.....aauggcacuggaagCauucacgg.....	17	1	c16
.....aaCggcacuggaagaauucacgg.....	7	1	c16
.....aauggcacuAgaagaauucacgg.....	2	1	c16
.....aauggcacuggaagaauuAacgg.....	127	1	c16
.....aauggcacugCaagaauucacgg.....	32	1	c16
.....aCuggcacuggaagaauucacgg.....	2	1	c16
.....Cauggcacuggaagaauucacgg.....	1040	1	c16
.....aauggcacuggaagaauuGacgg.....	8	1	c16
.....aauggcacuggaagaaAucacgg.....	18	1	c16
.....aauggcacuggGagaauucacgg.....	6	1	c16
.....aauggcacuggaagaauucacAg.....	20	1	c16
.....aauggcacuggaagaauucacCg.....	35	1	c16
.....aauggcacuggaaUaauucacgg.....	12	1	c16
.....aauggcaAuggaagaauucacgg.....	24	1	c16
.....aauggcacuggaagGauucacgg.....	10	1	c16
.....aauggcacuggUagaauucacgg.....	12	1	c16
.....aauggcacuggaagaauCcacgg.....	9	1	c16
.....aauggcacuggaagUauucacgg.....	3	1	c16
.....aauggcacuggaagaCuucacgg.....	25	1	c16
.....aauAgcacuggaagaauucacgg.....	14	1	c16
.....aauggAacuggaagaauucacgg.....	43	1	c16
.....aauggcacuggaagaaGucacgg.....	11	1	c16
.....aauggGacuggaagaauucacgg.....	5	1	c16
.....aaugCcacuggaagaauucacgg.....	24	1	c16
.....aauggcacuggaagaGuucacgg.....	11	1	c16
.....aauggcacuggaagaauucaUgg.....	37	1	c16
.....aauggcacuCgaagaauucacgg.....	38	1	c16
.....aUuggcacuggaagaauucacgg.....	8	1	c16

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacugAaagaauucacgg.....	1	1	c16
.....aauggcaGuggaagaauucacgg.....	4	1	c16
.....aauggcacAggaagaauucacgg.....	9	1	c16
.....aauggcacuggaagaauucacUg.....	39	1	c16
.....aauggcacuggaagaauucacgU.....	214	1	c16
.....aauggcGcuggaagaauucacgg.....	13	1	c16
.....aauggcacuggaagaaCucacgg.....	13	1	c16
.....aauggcacuggaagaUuucacgg.....	11	1	c16
.....aGuggcacuggaagaauucacgg.....	4	1	c16
.....Gauggcacuggaagaauucacgg.....	31	1	c16
.....aauggcCcuggaagaauucacgg.....	82	1	c16
.....Uauggcacuggaagaauucacgg.....	7	1	c16
.....aauggcacuggaCgaauucacgg.....	2	1	c16
.....aauggcacuggaagaauGcacgg.....	1	1	c16
.....aauggcacuggCagaauucacgg.....	5	1	c16
.....aauggcacuggaUgaauucacgg.....	23	1	c16
.....aauUgcacuggaagaauucacgg.....	22	1	c16
.....aaAggcacuggaagaauucacgg.....	12	1	c16
.....aauggcacuggaagaauucUcgg.....	7	1	c16
.....aauggcacuggaagaauucCcgg.....	194	1	c16
.....aauggcacuggaGgaauucacgg.....	20	1	c16
.....aauggcacuggaagaauucaAgg.....	66	1	c16
.....aaugAcacuggaagaauucacgg.....	11	1	c16
.....aauggcacuggaagaauuUacgg.....	23	1	c16
.....aauggcUcuggaagaauucacgg.....	8	1	c16
.....aauggcacuggaagaauucacgC.....	58	1	c16
.....aauggcacuggaagaauucacgA.....	59	1	c16
.....aauggcacuggaaUaaauucacggg.....	16	1	c16
.....aauggcacuggCagaauucacggg.....	4	1	c16
.....aauggcacuggaagaauucacCgg.....	78	1	c16
.....aauggcacuggaagaauucCcggg.....	400	1	c16
.....aauggcacuggaGgaauucacggg.....	22	1	c16
.....aauggcacuggaCgaauucacggg.....	5	1	c16
.....aauggcacuggUagaauucacggg.....	15	1	c16
.....aauggcacuggaagaauucGcggg.....	41	1	c16
.....aauggcacuggaagaauuAacggg.....	181	1	c16
.....aaugCcacuggaagaauucacggg.....	38	1	c16
.....aauggcacuggGagaauucacggg.....	23	1	c16
.....aauggcGcuggaagaauucacggg.....	16	1	c16
.....aauggcacuggaagaauucaGggg.....	34	1	c16
.....aauggcacuggaagaauucUcggg.....	11	1	c16
.....aauggcacugAaagaauucacggg.....	5	1	c16
.....Gauggcacuggaagaauucacggg.....	29	1	c16
.....aauggcacuCgaagaauucacggg.....	55	1	c16
.....aauggcacuAgaagaauucacggg.....	18	1	c16
.....aauggcacuggaaAaauucacggg.....	4	1	c16
.....aauggcacuggaagaauucacgAg.....	13	1	c16
.....aauggcaGuggaagaauucacggg.....	6	1	c16
.....aauggGacuggaagaauucacggg.....	9	1	c16
.....aauggcacuggaagaUuucacggg.....	16	1	c16
.....aauggUacuggaagaauucacggg.....	22	1	c16
.....aauggcacuggaagaCuucacggg.....	73	1	c16
.....aauggcacuggaagaauCcacggg.....	14	1	c16
.....aauggcacuggaagUauucacggg.....	6	1	c16
.....aauUgcacuggaagaauucacggg.....	30	1	c16
.....aauggcacuggaagGauucacggg.....	7	1	c16
.....aauggcacuggaagCauucacggg.....	23	1	c16
.....aauggcacuggaagaauucacgCg.....	80	1	c16
.....aauCgcacuggaagaauucacggg.....	69	1	c16
.....aauggcacuggaagaauucacAgg.....	23	1	c16
.....aauggcacuggaagaauucacgUg.....	51	1	c16
.....aaugAcacuggaagaauucacggg.....	14	1	c16
.....aauggcacuggaagaaGucacggg.....	17	1	c16
.....aauggcacAggaagaauucacggg.....	18	1	c16
.....aauggcUcuggaagaauucacggg.....	12	1	c16
.....aauggcacuggaagaauuGacggg.....	17	1	c16
.....aauggcacuggaagaauucaUggg.....	63	1	c16
.....aauggcacuggaagaaAucacggg.....	31	1	c16
.....aauAgcacuggaagaauucacggg.....	24	1	c16
.....aauggcacuggaagaauucacUgg.....	87	1	c16

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aauggcacuggaagaauucaAggg.....	121	1	c16
.....aauggcCcuggaagaauucacggg.....	108	1	c16
.....aauggcacuggaagaauuUacggg.....	19	1	c16
.....aaAggcacuggaagaauucacggg.....	36	1	c16
.....aauggcacuggaagaauucacggg.....	73294	0	c16
.....aaCggcacuggaagaauucacggg.....	20	1	c16
.....aaugUcacuggaagaauucacggg.....	23	1	c16
.....aUuggcacuggaagaauucacggg.....	20	1	c16
.....aauggcacuggaUgaauucacggg.....	41	1	c16
.....aaGggcacuggaagaauucacggg.....	4	1	c16
.....aauggcacuggaagaaCucacggg.....	15	1	c16
.....aauggcaAuggaagaauucacggg.....	33	1	c16
.....aauggcacuggaagaGuucacggg.....	12	1	c16
.....aauggcacuggaagaauGcacggg.....	7	1	c16
.....aauggcacugCaagaauucacggg.....	39	1	c16
.....aauggcacCggaagaauucacggg.....	23	1	c16
.....Cauggcacuggaagaauucacggg.....	2214	1	c16
.....aauggcacuggaaCaauucacggg.....	33	1	c16
.....aauggcacGggaagaauucacggg.....	26	1	c16
.....aauggcacuggaagaauucacggA.....	260	1	c16
.....aauggcacuggaagaauucacggU.....	746	1	c16
.....aGuggcacuggaagaauucacggg.....	14	1	c16
.....aCuggcacuggaagaauucacggg.....	2	1	c16
.....aauggcacuUgaagaauucacggg.....	21	1	c16
.....aauggcaUuggaagaauucacggg.....	17	1	c16
.....aauggAacuggaagaauucacggg.....	70	1	c16
.....aauggcacugUaagaauucacggg.....	23	1	c16
.....aauggcacuggaagaauAcacggg.....	28	1	c16
.....aauggcacuggaagaauucacggC.....	98	1	c16
.....Uauggcacuggaagaauucacggg.....	16	1	c16
.....aauggcacuggaagaauucCcgggu.....	38	1	c16
.....aauggAacuggaagaauucacgggu.....	14	1	c16
.....aauggcCcuggaagaauucacgggu.....	8	1	c16
.....aauggcacuggaagaauucUcgggu.....	2	1	c16
.....aauggcacugUaagaauucacgggu.....	6	1	c16
.....aauggcacuggaagaauuGacgggu.....	4	1	c16
.....aauggcacuggaagaauucacggCu.....	16	1	c16
.....aaugUcacuggaagaauucacgggu.....	7	1	c16
.....aauggcacuggaagaauAcacgggu.....	3	1	c16
.....aauggcacuggaagaauucaGgggu.....	5	1	c16
.....aauggcacGggaagaauucacgggu.....	2	1	c16
.....aauggcacuggaCgaauucacgggu.....	1	1	c16
.....aauggcacAggaagaauucacgggu.....	4	1	c16
.....aauggcacuggaaCaauucacgggu.....	2	1	c16
.....aauggcacuggaagaauuAacgggu.....	28	1	c16
.....aauggcacuggaagCauucacgggu.....	5	1	c16
.....aauggcacuggaagaauucaAgggu.....	6	1	c16
.....aauggcacuggCagaauucacgggu.....	1	1	c16
.....aauggcacuggaagaauucaUgggu.....	4	1	c16
.....Cauggcacuggaagaauucacgggu.....	300	1	c16
.....aauCgcacuggaagaauucacgggu.....	6	1	c16
.....aauggcacuggaagaauucacgggA.....	4449	1	c16
.....aauggcGcuggaagaauucacgggu.....	2	1	c16
.....aauggcacuggaaUaauucacgggu.....	4	1	c16
.....aauggGacuggaagaauucacgggu.....	3	1	c16
.....aaCggcacuggaagaauucacgggu.....	3	1	c16
.....aGuggcacuggaagaauucacgggu.....	2	1	c16
.....aauggUacuggaagaauucacgggu.....	7	1	c16
.....aUuggcacuggaagaauucacgggu.....	3	1	c16
.....aauggcacuggaagaauucacgCgu.....	12	1	c16
.....aauggcacuggaagaauucacAggu.....	1	1	c16
.....aauggcacCggaagaauucacgggu.....	2	1	c16
.....aauggcacuUgaagaauucacgggu.....	3	1	c16
.....aauUgcacuggaagaauucacgggu.....	3	1	c16
.....aauggcacuggaagaauucacUggu.....	8	1	c16
.....aauggcacuggaagaaGucacgggu.....	1	1	c16
.....aauAgcacuggaagaauucacgggu.....	2	1	c16
.....aauggcacuggaagaauucacggAu.....	17	1	c16
.....aauggcacuggaUgaauucacgggu.....	6	1	c16
.....aauggcacuggaagaauCcacgggu.....	4	1	c16

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....aaugAcacuggaagaauucacgggu.....	1	1	c16
.....aauggcaAuggaagaauucacgggu.....	5	1	c16
.....aauggcacuggaagaauucGcgggu.....	3	1	c16
.....aauggcacuggaagaauucacggUu.....	121	1	c16
.....aauggcacuggaagaauucacCggu.....	7	1	c16
.....aauggcacuggaagaaAucacgggu.....	3	1	c16
.....aauggcacuggaagaauucacgUgu.....	7	1	c16
.....aauggcacuggaagaauucacgggG.....	56	1	c16
.....aaAggcacuggaagaauucacgggu.....	8	1	c16
.....aauggcacuggaagaGuucacgggu.....	1	1	c16
.....aauggcacuggaGgaauucacgggu.....	4	1	c16
.....Uauggcacuggaagaauucacgggu.....	1	1	c16
.....Gauggcacuggaagaauucacgggu.....	5	1	c16
.....aauggcacuggaagaauucacgggC.....	108	1	c16
.....aaugCcacuggaagaauucacgggu.....	5	1	c16
.....aauggcacugCaagaauucacgggu.....	7	1	c16
.....aauggcacuggaagaauuUacgggu.....	5	1	c16
.....aauggcUcuggaagaauucacgggu.....	1	1	c16
.....aauggcaUuggaagaauucacgggu.....	1	1	c16
.....aauggcacuggaagaCuucacgggu.....	8	1	c16
.....aauggcacuggaagaauucacgggu.....	9219	0	c16
.....aauggcacuggGagaauucacgggu.....	3	1	c16
.....aauggcacuggaagUauucacggguu.....	1	1	c16
.....aauggcacuggaagaauucacggCuu.....	3	1	c16
.....aaugCcacuggaagaauucacggguu.....	2	1	c16
.....aauggcacuggaagaaCucacggguu.....	1	1	c16
.....aauggcaUuggaagaauucacggguu.....	1	1	c16
.....aauggcacuggaagaauucacgggGu.....	9	1	c16
.....aauggcacuggaagaauucacggguu.....	708	0	c16
.....aauggcacuggaagaauucacggAuu.....	1	1	c16
.....aauggcacuggaagaauucacggguA.....	93	1	c16
.....aauggcacuggaagaauucacUgguu.....	1	1	c16
.....aauggcacuggaagCauucacggguu.....	1	1	c16
.....aauggcCcuggaagaauucacggguu.....	1	1	c16
.....aauggcUcuggaagaauucacggguu.....	1	1	c16
.....aaugAcacuggaagaauucacggguu.....	1	1	c16
.....aauggcacuggaagaauucacgggCu.....	14	1	c16
.....Cauggcacuggaagaauucacggguu.....	15	1	c16
.....aauggcacuggaagaauucacgCguu.....	1	1	c16
.....aauggcacuggaagaauuAacggguu.....	2	1	c16
.....aauggcacuggaagaauucCcggguu.....	2	1	c16
.....aauggcacuggaagaauucacggguG.....	16	1	c16
.....aauggcacuggaagaauucacgggAu.....	237	1	c16
.....aauggcacuggaagaauucacggUuu.....	54	1	c16
.....aauggcacuggaagaauucacCgguu.....	2	1	c16
.....aauggcacuggaagaauucacgUguu.....	1	1	c16
.....aauUgcacuggaagaauucacggguu.....	1	1	c16
.....aauggcacuggaagaauuGacggguu.....	1	1	c16
.....aauggcacuggaaUaauucacggguu.....	2	1	c16
.....aauggcacuggaagaauucacggguC.....	15	1	c16
.....aauCgcacuggaagaauucacggguu.....	2	1	c16
.....aauggcacuggaagaauucacggUuua.....	1	1	c16
.....aauggcacuggaagaauucacggguAa.....	51	1	c16
.....aauggcacuggaagaauucacgggAua.....	4	1	c16
.....aauggcacuggaagaauucacgggguG.....	1	1	c16
.....aauggcacuggaagaauucacgggguU.....	326	1	c16
.....aauggcacuggaagaauucacgggguC.....	8	1	c16
.....aauggcacuggaagaauucacgggCa.....	5	1	c16
.....aauggcacuggaagaauucacgggua.....	29	0	c16
.....aauggcacuggaagaauucacgggguaG.....	1	1	c16
.....aauggcacuggaagaauucacgggguaA.....	6	1	c16
.....aauggcacuggaagaauucacgggguaU.....	28	1	c16
.....aauggcacuggaagaauucacgggAac.....	1	1	c16
.....aauggcacuggaagaauucacgggguUc.....	2	1	c16
.....aauggcacuggaagaauucacgggAuaca.....	1	1	c16
.....aauggcacuggaagaauucacgggguaAa.....	2	1	c16
.....aauggcacuggaagaauucacgggguacauu.....	1	0	c16
.....auggcacuggaagaauuc.....	1	0	c16
.....aAggcacuggaagaauuc.....	1	1	c16
.....auggcacuggaagaauuca.....	9	0	c16

Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacgguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

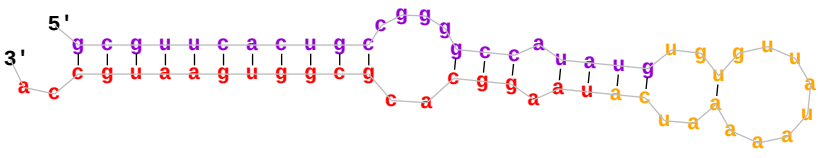
.....aAggcacuggaagaauuca.....	1	1	c16
.....Guggcacuggaagaauuca.....	2	1	c16
.....auggcacuggaagaauucac.....	15	0	c16
.....Guggcacuggaagaauucac.....	1	1	c16
.....aAggcacuggaagaauucac.....	1	1	c16
.....Guggcacuggaagaauucacg.....	4	1	c16
.....Cuggcacuggaagaauucacg.....	1	1	c16
.....auggcacuggaagaauucacg.....	14	0	c16
.....aAggcacuggaagaauucacg.....	3	1	c16
.....Guggcacuggaagaauucacgg.....	4	1	c16
.....aAggcacuggaagaauucacgg.....	5	1	c16
.....auggcacuggaagaauuAacgg.....	1	1	c16
.....auggcacuggaagaauucacgg.....	43	0	c16
.....Uuggcacuggaagaauucacgg.....	6	1	c16
.....Cuggcacuggaagaauucacgg.....	8	1	c16
.....Cuggcacuggaagaauucacggg.....	12	1	c16
.....Guggcacuggaagaauucacggg.....	6	1	c16
.....aCggcacuggaagaauucacggg.....	1	1	c16
.....Uuggcacuggaagaauucacggg.....	1	1	c16
.....auggcacuggaagaauucacggA.....	2	1	c16
.....auggcacuggaagaauucacggg.....	98	0	c16
.....aGggcacuggaagaauucacggg.....	2	1	c16
.....aAggcacuggaagaauucacggg.....	11	1	c16
.....auggcacuggaagaauucacgggA.....	9	1	c16
.....auggcacuggaagaauucacgggu.....	10	0	c16
.....Cuggcacuggaagaauucacgggu.....	1	1	c16
.....auggcacuggaagaauucacggguA.....	1	1	c16
.....uggcacuggaagaauuca.....	1	0	c16
.....uggcacuggaagaauucacg.....	4	0	c16
.....Gggcacuggaagaauucacgg.....	1	1	c16
.....uggcacuggaagaauucacgg.....	6	0	c16
.....Gggcacuggaagaauucacggg.....	3	1	c16
.....uggcacuggaagaauuAacggg.....	1	1	c16
.....uggcacuggaagaauucacggg.....	9	0	c16
.....Cggcacuggaagaauucacggg.....	1	1	c16
.....uggcacuggaagaauucacggU.....	1	1	c16
.....uggcacuggaagaauucacgggu.....	1	0	c16
.....uggcacuggaagaauucacgggA.....	1	1	c16
.....ggcacuggaagaauucac.....	2	0	c16
.....ggcacuggaagaauucacg.....	1	0	c16
.....ggcacuggaagaauucacgg.....	8	0	c16
.....Cgcacuggaagaauucacgg.....	1	1	c16
.....ggcacuggaagaauucacggg.....	17	0	c16
.....ggcacuggaagaauuAacggg.....	1	1	c16
.....ggcacuCgaagaauucacggg.....	1	1	c16
.....ggcacuggaagaauucacgggA.....	4	1	c16
.....ggcacuggaagaauucacgggu.....	5	0	c16
.....Ccacuggaagaauucacg.....	2	1	c16
.....gcacuggaagaauucGcg.....	1	1	c16
.....Ucacuggaagaauucacg.....	1	1	c16
.....gcacuggaagaauucacU.....	1	1	c16
.....gcacuggaagaauuAacg.....	1	1	c16
.....gcacuggaagaauucacg.....	23	0	c16
.....gcacuggaagaauuAacgg.....	1	1	c16
.....gcacuggaagaauucacgg.....	49	0	c16
.....Ucacuggaagaauucacgg.....	1	1	c16
.....gcacuCgaagaauucacgg.....	1	1	c16
.....gcaAuggaagaauucacggg.....	1	1	c16
.....gcacuggaagaauAcacggg.....	1	1	c16
.....gcacuggaagaauuAacggg.....	1	1	c16
.....gUacuggaagaauucacggg.....	1	1	c16
.....gcacuggaagaauucacggg.....	123	0	c16
.....gcacuggaagaauucacAgg.....	1	1	c16
.....gAacuggaagaauucacggg.....	1	1	c16
.....gcacuggaagaauucacggU.....	2	1	c16
.....Ucacuggaagaauucacggg.....	3	1	c16
.....Ccacuggaagaauucacggg.....	1	1	c16
.....Ucacuggaagaauucacgggu.....	1	1	c16
.....gcacuggaagaauucacgggu.....	19	0	c16
.....gcacuggaagaauucacgggA.....	5	1	c16

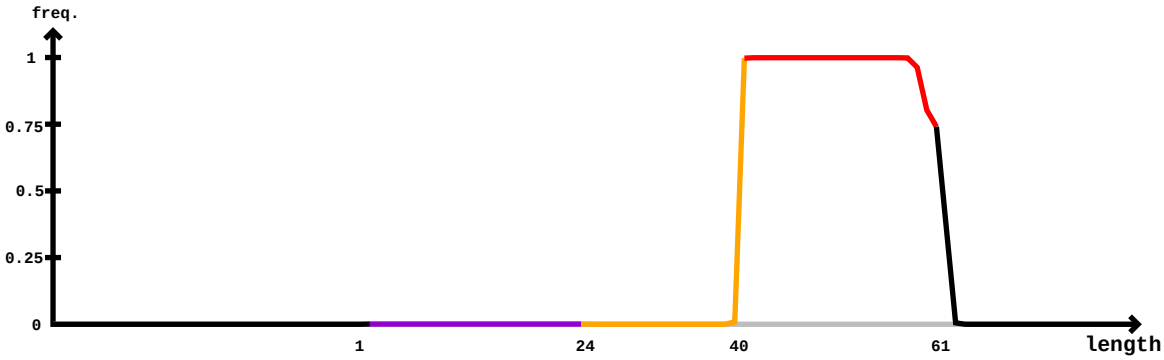
Mature Star

aacucgcaccaugcacaggcaauggcacuggaagaauucacggguuacauuacgauagucccguggucucuuaguggcaucacuggugcugggcgauacuacuguaucucaccc

.....gcacuggaagaauucacgggAu.....	1	1	c16
.....Uacuggaagaauucacgg.....	1	1	c16
.....Aacuggaagaauucacgg.....	1	1	c16
.....cacuggaagaauucacgg.....	24	0	c16
.....caAuggaagaauucacgg.....	1	1	c16
.....cacuggaagaauucacggg.....	54	0	c16
.....cCcuggaagaauucacggg.....	1	1	c16
.....cacuggaagaauucCcggg.....	1	1	c16
.....caAuggaagaauucacggg.....	1	1	c16
.....cacuggaagaauucacgggA.....	4	1	c16
.....cacugCaagaauucacgggu.....	1	1	c16
.....cacuggaagaauucacgggu.....	6	0	c16
.....cacuggaagaauucacgggC.....	1	1	c16
.....cacuggaagaauucacggguA.....	2	1	c16
.....cacuggaagaauucacggguu.....	1	0	c16
.....cacuggaagaauucacggguAa.....	1	1	c16
.....acuggaagaauucacggU.....	1	1	c16
.....acuggaagaauucacggg.....	17	0	c16
.....Ccuggaagaauucacggg.....	7	1	c16
.....acuggaagaauucacgUg.....	1	1	c16
.....Ccuggaagaauucacgggu.....	1	1	c16
.....acuggaagaauucacggguuU.....	1	1	c16
.....cuggaagaauucaAgggu.....	1	1	c16
.....cuggaagaauucacgggG.....	1	1	c16
.....cuUgaagaauucacgggu.....	1	1	c16
.....cuggaagaauucacgggC.....	1	1	c16
.....cuggaagaauucacgggA.....	22	1	c16
.....cuggaagaauucacgggu.....	25	0	c16
.....cuggaagaauucacggUu.....	1	1	c16
.....cuggaagaauucacgggAu.....	2	1	c16
.....cuggaagaauucacggguA.....	1	1	c16
.....cuggaagaauucacggguu.....	1	0	c16
.....cuggaagaauucacggguua.....	1	0	c16
.....cuggaagaauucacggguuU.....	1	1	c16
.....uuacauuacgauagucccguggucucuuaguggcaucac.....	1	0	c16
.....cguggucucuuaguggcauc.....	1	0	c16
.....cguggucucuuaguggcaucU.....	1	1	c16
.....cguggucucuuaguggcauca.....	3	0	c16
.....cguggucucuuaguggcaucac.....	1	0	c16

Provisional ID	:	group3_7086
Score total	:	677.3
Score for star read(s)	:	3.9
Score for read counts	:	667
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1320
Mature read count	:	1319
Loop read count	:	0
Star read count	:	1





Star **Mature**

```
5'- cuagaaaaaagaagaaagaguccuacuccucgcguucacugccggggccauaugugugguuauaaaaaucauaaggcacgcggugaaugccaagagcggacucauucgucgu  -3'   obs
    cuagaaaaaagaagaaagaguccuacuccucgcguucacugccggggccauaugugugguuauaaaaaucauaaggcacgcggugaaugccaagagcggacucauucgucgu        exp
    ..........((.(((.(((((((..(((...((((((((((((....(((.((((..(........)..)))).)))..)))))))))))...))))))))).)))..))..   reads   mm   sample
    ..........................................................Uuaaggcacgcggugaaugc.....................   1       1    c15
    ..........................................................Uuaaggcacgcggugaaugcc....................   3       1    c15
    ..........................................................Uuaaggcacgcggugaaugcca...................   3       1    c15
    ...........................................................uaaggcacgcggugaaugc.....................   2       0    c15
    ...........................................................uaaggcacgcggugaaugcc....................   4       0    c15
    ...........................................................uaaggcacgcggugaaugccG...................   1       1    c15
    ...........................................................uaaggcacgcggugaaugcca...................   8       0    c15
    ...........................................................uaaggcacgcggugaaugccU...................   1       1    c15
    ...........................................................uaaggcacgcggugaaugcUa...................   1       1    c15
    ...........................................................aaggcacgcggugaaugcc.....................   1       0    c15

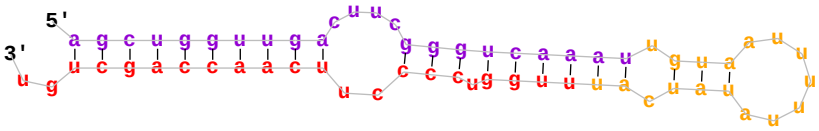
    ..............................gcguucacugccggggccauaug.....................................................   1       0    c02
    ..........................................................auaaggcacgcggugaaugcca...................   1       0    c02
    ..........................................................auaagCcacgcggugaaugcca...................   1       1    c02
    ...........................................................uaaggcacgcggugaaug.......................   19      0    c02
    ..........................................................Gaaggcacgcggugaaug.......................   2       1    c02
    ...........................................................uaaggcacgcUgugaaugc......................   1       1    c02
    ..........................................................Gaaggcacgcggugaaugc......................   7       1    c02
    ...........................................................uaaggcacgcggGgaaugc......................   1       1    c02
    ...........................................................uaaggAacgcggugaaugc......................   1       1    c02
    ...........................................................uaaggcacgcggugaaugc......................   158     0    c02
    ...........................................................uaaggcacgcggugaaugA......................   1       1    c02
    ...........................................................uaaggcacgcggugaCugcc.....................   1       1    c02
    ...........................................................uaaggcacgcggugaauCcc.....................   1       1    c02
    ...........................................................uaaggcaAgcggugaaugcc.....................   1       1    c02
    ...........................................................uaaggcacgcggugaaugcU.....................   2       1    c02
    ...........................................................uaaggcacgcggugaaugcc.....................   17      0    c02
    ...........................................................uaaggcacgcggugaaugcA.....................   5       1    c02
    ...........................................................uaaggcacgcgAugaaugcca....................   1       1    c02
    ...........................................................uaaggcaAgcggugaaugcca....................   1       1    c02
    ...........................................................uaaggcacgcggugaaugUca....................   3       1    c02
    ...........................................................uaaggcacgcggugaGugcca....................   1       1    c02
    ...........................................................uaaggcacgcggugaauUcca....................   1       1    c02
```

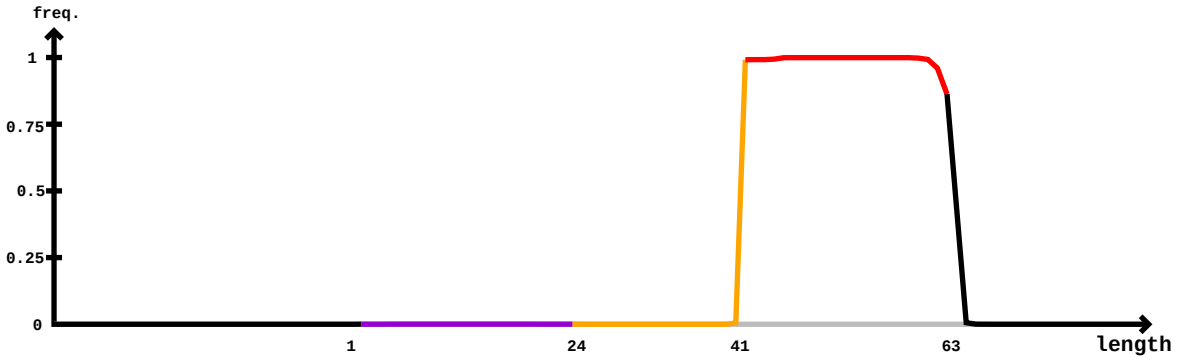
Star Mature

cuagaaaaaagaagaaagaguccuacuccucgcguucacugccggggccauaugugugguuauaaaaaaucauaaggcacgcggugaaugccaagagcggacucauucgucgu

.....uaaggcacgcggugaaugcca.....	361	0	c02
.....uGaggcacgcggugaaugcca.....	1	1	c02
.....uaaggcCcgcggugaaugcca.....	4	1	c02
.....Gaaggcacgcggugaaugcca.....	34	1	c02
.....uaCggcacgcggugaaugcca.....	1	1	c02
.....Aaaggcacgcggugaaugcca.....	1	1	c02
.....uaaggcacgcggugaaugccC.....	2	1	c02
.....uaaggcacgUggugaaugcca.....	1	1	c02
.....uaaggUacgcggugaaugcca.....	1	1	c02
.....uaaggcacgcggugaaugccU.....	1	1	c02
.....uaaggcacgcggugaauCcca.....	3	1	c02
.....uaaggcacgcggugaaugccaU.....	11	1	c02
.....uaaggcacgcggugaaugccaa.....	6	0	c02
.....uaaggcacgcggugaaugccaag.....	1	0	c02
.....uaaggcacgcggugaaugccaaA.....	1	1	c02
.....uaaggcacgcggugaaugccaaU.....	1	1	c02
.....Uuaaggcacgcggugaau.....	1	1	c09
.....Cuaaggcacgcggugaaug.....	1	1	c09
.....auaaggcacgcggugaaugcca.....	1	0	c09
.....uaaggcacgcggugaauC.....	1	1	c09
.....uaaggcacgcggugaauU.....	1	1	c09
.....uaaggcacgcggugaaug.....	22	0	c09
.....Gaaggcacgcggugaaug.....	1	1	c09
.....uaaggcCcgcggugaaugc.....	2	1	c09
.....uaaggcacgcggugaaugc.....	37	0	c09
.....uaaggcaAgcggugaaugcc.....	1	1	c09
.....Gaaggcacgcggugaaugcc.....	2	1	c09
.....uaaggcacgcggugaaugcc.....	39	0	c09
.....uaaggcacgcggugaaugcA.....	5	1	c09
.....uaaggUacgcggugaaugcca.....	1	1	c09
.....uaaggcacgcggCgaaugcca.....	1	1	c09
.....uaaggcacUcggugaaugcca.....	1	1	c09
.....Gaaggcacgcggugaaugcca.....	31	1	c09
.....Caaggcacgcggugaaugcca.....	1	1	c09
.....uaaggcacgcggugaaugccC.....	1	1	c09
.....uaaggcacgcUgugaaugcca.....	1	1	c09
.....uaaggcacgcggugaaugcca.....	455	0	c09
.....uaaggcacgcggugaaugccU.....	1	1	c09
.....uaaggcacgAggugaaugcca.....	1	1	c09
.....uaaggcacgcgguCaaugcca.....	1	1	c09
.....uaagUcacgcggugaaugcca.....	1	1	c09
.....uaaggcCcgcggugaaugcca.....	3	1	c09
.....uaaggcaUgcggugaaugcca.....	1	1	c09
.....Aaaggcacgcggugaaugcca.....	2	1	c09
.....uaaggcacgcggugaaugccaC.....	1	1	c09
.....uaaggcacgcggugaaugccaU.....	6	1	c09
.....uaaggcacgcggugaaugcUaa.....	3	1	c09
.....uaaggcacgcggugaaugccaG.....	1	1	c09
.....uaaggcacgcggugaaugccaa.....	6	0	c09
.....uaaggcacgcggugaaugccaaA.....	3	1	c09
.....uaaggcacgcggugaaugccaaU.....	1	1	c09
.....aaggcacgcggugaaugcca.....	1	0	c09

Provisional ID	:	group3_7214
Score total	:	22458.4
Score for star read(s)	:	3.9
Score for read counts	:	22448.2
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	44043
Mature read count	:	44020
Loop read count	:	0
Star read count	:	23





Star **Mature**

```
5'- acgugggaaaguguaagcguuguucgcuuuagcugguugacuucgggucaaauuguaauuuuuauaucauuugguccccuucaaccagcuguaguugacacuuguuucgcuu  -3'   obs
    acgugggaaaguguaagcguuguucgcuuuagcugguugacuucgggucaaauuguaauuuuuauaucauuugguccccuucaaccagcuguaguugacacuuguuucgcuu        exp
    ........(((((.(((((.((((.(((.((((((((((....(((((((((.(((.......))).)))))))..)))..)))))))))))).))))..)))))))))) reads     mm      sample
    ..........................................................................uugguGcccuucaaccagcugu..................  1         1       c15
    ..........................................................................uuggucccCuucaaUcagcugu..................  1         1       c15
    ..........................................................................uuggucccCuucaaccagcugu..................  8         0       c15

    ..............................agcugguugacuucgggu..........................................................................  1         0       c02
    ..............................agcugguugacuucggguc.........................................................................  1         0       c02
    ..............................agcugguugacuucgggucaaau.....................................................................  2         0       c02
    ...............................cugguugacuucgggucaaauug....................................................................  1         0       c02
    ................................ugguugacuucgggucaaauugu...................................................................  2         0       c02
    ..................................guugacuucgggucaaau.......................................................................  1         0       c02
    ..........................................................................uAauuuggucccCuucaaccagcugu..................  1         1       c02
    ..........................................................................auuuggucccCuucaaccagcug.....................  1         0       c02
    ..........................................................................auuuggucccCuucaaccagcugu....................  1         0       c02
    ..........................................................................auuuggucccCuucaaccagcuguU...................  1         1       c02
    ..........................................................................Cuugguccccuucaaccag.........................  2         1       c02
    ..........................................................................Cuugguccccuucaaccagc........................  1         1       c02
    ..........................................................................Cuugguccccuucaaccagcu.......................  13        1       c02
    ..........................................................................Guugguccccuucaaccagcu.......................  1         1       c02
    ..........................................................................uuugguccccuucaaccagcu.......................  1         0       c02
    ..........................................................................uuugguccccuucaaccagcug......................  3         0       c02
    ..........................................................................Cuugguccccuucaaccagcug......................  8         1       c02
    ..........................................................................Cuugguccccuucaaccagcugu.....................  68        1       c02
    ..........................................................................Guugguccccuucaaccagcugu.....................  2         1       c02
    ..........................................................................uuugguccccuucaaccagcugu.....................  26        0       c02
    ..........................................................................uuugguccccuucaaccagcuguU....................  1         1       c02
    ..........................................................................uuugguccccuucaaccagcuguag...................  1         0       c02
    ............................................................................Gugguccccuucaaccag........................  3         1       c02
    ............................................................................uugguccccuucaaccag........................  32        0       c02
    ..........................................................................uuggucccCuucaaAcag.........................  1         1       c02
    ..........................................................................uuggucccCuucaaccagc........................  50        0       c02
    ..........................................................................uuggucccCuucaaccagU........................  1         1       c02
    ..........................................................................uugguAcccuucaaccagc........................  1         1       c02
    ..........................................................................Guggucccccuucaaccagc........................  3         1       c02
```

Star Mature

acgugggaaaguguaagcguuguucgcuuuagcuggguugacuucgggucaaauuguaauuuuuauaucauuuggucccccuucaaccagcuguaguugacacuuguuucgcuu

.....uuggucccccuucaaUcagcu.....	1	1	c02
.....uuggucccccuucaCccagcu.....	11	1	c02
.....uuggCccccuucaaccagcu.....	1	1	c02
.....uuggucccccuucaaccagcC.....	1	1	c02
.....uuggucccccuuUaaccagcu.....	1	1	c02
.....uuggucccccuucCaccagcu.....	2	1	c02
.....uuggucccccuucUaccagcu.....	1	1	c02
.....uuggucccccuCcaaccagcu.....	1	1	c02
.....uuggucccccuucaacAagcu.....	2	1	c02
.....uuggucccccuucaaccagcu.....	947	0	c02
.....uuAgucccccuucaaccagcu.....	1	1	c02
.....uuggucccAuucaaccagcu.....	2	1	c02
.....Guggucccccuucaaccagcu.....	51	1	c02
.....Auggucccccuucaaccagcu.....	5	1	c02
.....uuggucccccuucaaccaUcu.....	1	1	c02
.....uuggucccccGucaaccagcu.....	1	1	c02
.....uuggucccccuuAaaccagcu.....	1	1	c02
.....uugAucccccuucaaccagcu.....	1	1	c02
.....uuggucccccuucaaccCgcu.....	1	1	c02
.....uuggucGccccuucaaccagcu.....	1	1	c02
.....uuggucccccuucaaccagAu.....	1	1	c02
.....uuggucccAcuucaaccagcu.....	1	1	c02
.....uuggucccUcuucaaccagcu.....	1	1	c02
.....uuggAccccuucaaccagcug.....	1	1	c02
.....uuggucccccuucaacAagcug.....	4	1	c02
.....uuCgucccccuucaaccagcug.....	2	1	c02
.....uuggUcccccuucaaccagcug.....	1	1	c02
.....Guggucccccuucaaccagcug.....	89	1	c02
.....uuggucccAcuucaaccagcug.....	1	1	c02
.....uuggucccUuucaaccagcug.....	1	1	c02
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.....uuggucccccuucaCccagcug.....	25	1	c02
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.....uuggucccccuucaaccagcCg.....	1	1	c02
.....uuggucccccuucaaccaAcug.....	1	1	c02
.....uuggucccccuucaaccaCcug.....	3	1	c02
.....uuggucccAuucaaccagcug.....	2	1	c02
.....uuggucccccuucaaccagUug.....	4	1	c02
.....uuggucccccuucaaccagcuC.....	3	1	c02
.....uuggucccccGucaaccagcug.....	3	1	c02
.....uugUucccccuucaaccagcug.....	1	1	c02
.....Auggucccccuucaaccagcug.....	3	1	c02
.....uuggucccccuucCaccagcug.....	7	1	c02
.....uAggucccccuucaaccagcug.....	2	1	c02
.....uuggucccccuucaaccagcuU.....	8	1	c02
.....uugguAcccuucaaccagcug.....	1	1	c02
.....uuggucUccuucaaccagcug.....	2	1	c02
.....uuggucccccuucaaAcagcug.....	2	1	c02
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.....uuggGccccuucaaccagcug.....	3	1	c02
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.....uuggucccccuucaaUcagcug.....	1	1	c02
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.....uuggucccccuucaaccaCcugu.....	15	1	c02
.....uuCgucccccuucaaccagcugu.....	7	1	c02
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.....uuggucccccuucaaGcagcugu.....	4	1	c02

Star Mature

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.....uuggucccGucaaccagcugu.....	8	1	c02
.....uuggucccuuAaaccagcugu.....	9	1	c02
.....uuggAcccuucaaccagcugu.....	2	1	c02
.....Cuggucccuucaaccagcugu.....	4	1	c02
.....uuggucccuuUaaccagcugu.....	13	1	c02
.....uuggCcccuucaaccagcugu.....	5	1	c02
.....uuggucccuucaacAagcugu.....	18	1	c02
.....uuggucccuucaaccagcuUu.....	3	1	c02
.....uuggucccuucaGccagcugu.....	5	1	c02
.....uuggucccuucaaUcagcugu.....	7	1	c02
.....uuggucccuucaaccagcAgu.....	4	1	c02
.....uuUgucccuucaaccagcugu.....	5	1	c02
.....uuGCucccuucaaccagcugu.....	15	1	c02
.....uuggucccuucUaccagcugu.....	5	1	c02
.....uuggucAccuucaaccagcugu.....	19	1	c02
.....uCggucccuucaaccagcugu.....	8	1	c02
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.....uuggucccuGcaaccagcugu.....	2	1	c02
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.....uGggucccuucaaccagcugu.....	1	1	c02
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Star Mature

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.....guccccAucaaccagcugu.....	1	1	c02
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.....uuggucccccuucaaccagAugu.....	1	1	c04
.....Guggucccccuucaaccagcugu.....	2	1	c04
.....Auggucccccuucaaccagcugu.....	1	1	c04
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.....ucccccuucaaccagcugu.....	1	0	c04

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.....uuggucccccuucaaccag.....	2	0	c16
.....uuggucccccuucaaccagcu.....	6	0	c16
.....Guggucccccuucaaccagcug.....	1	1	c16
.....uuggucccccuucaaccagcug.....	18	0	c16
.....uuggucccccuucaacUagcugu.....	1	1	c16
.....uuggucccccuucUaccagcugu.....	1	1	c16
.....uuggucccccGucaaccagcugu.....	1	1	c16
.....uuggucccccuuAaaccagcugu.....	1	1	c16
.....uuggucccccuucaaccagAugu.....	2	1	c16
.....uuggucccccuucaaccagcugu.....	277	0	c16
.....Guggucccccuucaaccagcugu.....	18	1	c16
.....uAggucccccuucaaccagcugu.....	1	1	c16
.....uuggAccccuucaaccagcugu.....	1	1	c16
.....uugUucccccuucaaccagcugu.....	1	1	c16
.....uuggucAccuucaaccagcugu.....	2	1	c16
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Star Mature

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	Star	Mature		
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..........uugguUcccuucaaccagcug..........	3	1	c09	
..........uugguccccuucaaccCgcug..........	1	1	c09	
..........uugguccccAucaaccagcugu..........	6	1	c09	
..........uugguccccCucaaccagcugu..........	3	1	c09	
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Star Mature

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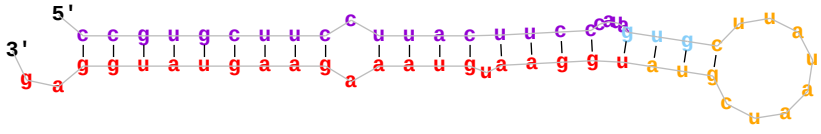
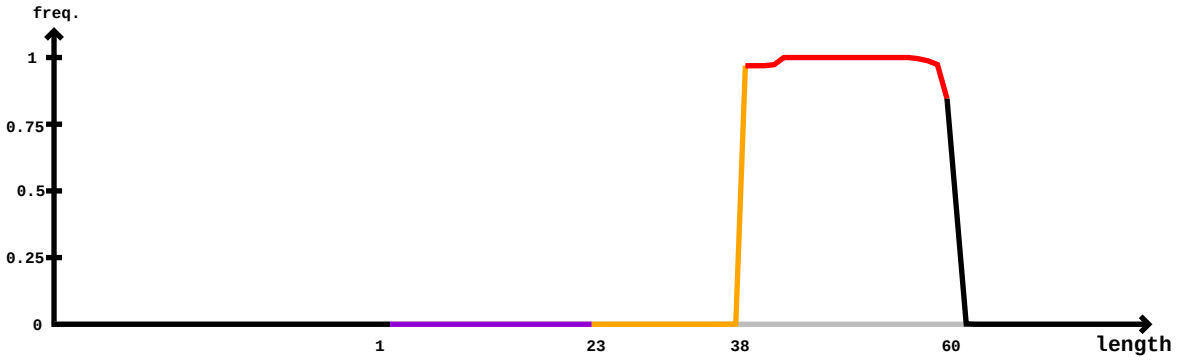
Score total	:	3829963.3
Score for star read(s)	:	3.9
Score for read counts	:	3829952.8
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	7512299
Mature read count	:	7511505
Loop read count	:	0
Star read count	:	794





Star **Mature**

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    ucaagaaugaagacacaaagccuugcgcgaguuccgugcuuccuuacuucccauagugcuuauaaaucguauggaauguaaagaaguauggagcugcgcgggcgugccugcga        exp
    ..........((.(((...((((.((((.(((((((((((((.(((((((((....((((........))))))))).))))..)))))))))))))))))))).))).....  reads     mm      sample
    ................................ccgugcuuccuuacuucccca.....................................................................  1         0       c15
    ................................ccgugcuuccuuacuucccau.....................................................................  1         0       c15
    ................................ccgugcuuccuuacuucccauU....................................................................  1         1       c15
    ................................ccgugcuuccuuacuucccaua....................................................................  11        0       c15
    ................................ccgugcuuccuuacuucccauaU...................................................................  1         1       c15
    ....................................................................auggaauguaaagaaguaugg.....................................  2         0       c15
    ....................................................................auggaauguaaagaaguaugga....................................  5         0       c15
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    ...................................................................uggaauguaaagGaguaugg.......................................  1         1       c15
    ...................................................................uggaauguaaagaaguaugg.......................................  20        0       c15
    ...................................................................uggaauguaaagaaguaugU.......................................  1         1       c15
    ...................................................................uggaauguaaagaaguauggU......................................  3         1       c15
    ...................................................................uggaUuguaaagaaguaugga......................................  1         1       c15
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Star Mature

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.....uggaauguaaaUaaguauggag.....	1	1	c15
.....uggaaAguaaagaaguauggag.....	1	1	c15
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.....uggaauguGaagaaguauggag.....	1	1	c15
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Star Mature

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Star Mature

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Star Mature

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Star Mature

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.....auAuaaagaaguauggag.....	19	1	c09
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.....augGaaagaaguauggag.....	11	1	c09
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.....auguaaagGaguauggag.....	12	1	c09
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.....Cuguaaagaaguauggagc.....	1	1	c09
.....auguaaagaaguauggaCc.....	9	1	c09
.....auguaaagaaguauggagc.....	178	0	c09
.....auguaaagaaguauggagG.....	95	1	c09
.....auguaaagaaguauggagcG.....	19	1	c09
.....auguaaagaaguauggagUu.....	109	1	c09
.....auguaaagaaguauggagcC.....	22	1	c09
.....auguaaagaaguauggagcA.....	11	1	c09
.....auguaaagaaguauggagGu.....	29	1	c09
.....auguaaagaaguauggaCcu.....	1	1	c09
.....auguaaagaaguauggaUcu.....	1	1	c09
.....auguaaagaaguauggagcu.....	31	0	c09
.....auguaaagaaguauggagAu.....	30	1	c09
.....auguaaagaaguauggagUug.....	1	1	c09
.....auguaaagaaguauggagAug.....	2	1	c09
.....auguaaagaaguauggagcuU.....	1	1	c09
.....auguaaagaaguauggagcuA.....	3	1	c09
.....auguaaagaaguauggagcCg.....	2	1	c09
.....auguaaagaaguauggagcAg.....	2	1	c09
.....auguaaagaaguauggagcGg.....	3	1	c09
.....auguaaagaaguauggagcug.....	2	0	c09
.....auguaaagaaguauggagcuC.....	1	1	c09
.....auguaaagaaguauggagGug.....	3	1	c09
.....auguaaagaaguauggagcuUc.....	2	1	c09
.....uguaaagaaguauggagU.....	100	1	c09
.....Gguaaagaaguauggagc.....	1	1	c09
.....uguaaagaaguauggagc.....	5	0	c09
.....uguaaagaaguauggagG.....	2	1	c09

Star Mature

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.....uguaaagaaguauggagA.....	57	1	c09
.....uguaaagaaguauggagcC.....	1	1	c09
.....uguaaagaaguauggagUu.....	9	1	c09
.....uguaaagaaguauggagcu.....	1	0	c09
.....uguaaagaaguauggagcG.....	1	1	c09
.....uguaaagaaguauggagGu.....	1	1	c09
.....uguaaagaaguauggagGug.....	1	1	c09
.....uguaaagaaguauggagcGg.....	1	1	c09
.....uguaaagaaguauggagUug.....	1	1	c09
.....uguaaagaaguauggagcuC.....	1	1	c09
.....uguaaagaaguauggagcuU.....	1	1	c09
.....guaaagaaguauggagGu.....	4	1	c09
.....guaaagaaguauggagcG.....	2	1	c09
.....guaaagaaguauggagAu.....	5	1	c09
.....guaaagaaguauggagcC.....	3	1	c09
.....guaaagaaguauggaAcu.....	1	1	c09
.....guaaagaaguauggagcu.....	1	0	c09
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.....Auauggaauguaaagaaguauggag.....	1	1	c04
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.....auggaauguaaagaaguaugga.....	5	0	c04
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.....uggaauguaaagaaguaugg.....	110	0	c04
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.....uggaaGguaaagaaguaugga.....	1	1	c04
.....uggaauguaaagaaguaugCa.....	1	1	c04
.....uggaauguaaUgaaguaugga.....	1	1	c04
.....uggaauguaaagaaguauUga.....	1	1	c04
.....uggaauguaaaUaaguaugga.....	1	1	c04
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.....uggaauAuaaagaaguaugga.....	1	1	c04
.....uCgaauguaaagaaguaugga.....	1	1	c04
.....ugCaauguaaagaaguaugga.....	1	1	c04
.....uggaauguaaagaaguauggU.....	1	1	c04
.....uggaauguaaagaaguaugga.....	993	0	c04
.....uggUauguaaagaaguaugga.....	1	1	c04

Star Mature

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.....Aggaauguaaagaaguaugga.....	12	1	c04
.....uggaauguaaaCaaguaugga.....	1	1	c04
.....uggaauguaaagaaCuaugga.....	2	1	c04
.....uggaauguaaagaaguauAga.....	1	1	c04
.....uggaauguaaagaaguauUa.....	1	1	c04
.....ugCaauguaaagaaguauggag.....	2	1	c04
.....uggaauguaaagaUguauggag.....	3	1	c04
.....uggaauguaaaUaaguauggag.....	1	1	c04
.....uggaauguaaagaagCauggag.....	4	1	c04
.....uCgaauguaaagaaguauggag.....	7	1	c04
.....uggaauguaaagaaguaCggag.....	1	1	c04
.....uggaaugGaaagaaguauggag.....	1	1	c04
.....uggaauguaaagaaguUuggag.....	3	1	c04
.....uggaauguaaagaaguauggaC.....	4	1	c04
.....uggaauguaaUgaaguauggag.....	1	1	c04
.....uggaGuguaaagaaguauggag.....	1	1	c04
.....uggaaAguaaagaaguauggag.....	3	1	c04
.....uggaauguCaagaaguauggag.....	1	1	c04
.....uggaauCuaaagaaguauggag.....	6	1	c04
.....uggaauUuaaagaaguauggag.....	1	1	c04
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.....uggaauguaCagaaguauggag.....	1	1	c04
.....uggaauguaaagaaguauUgag.....	5	1	c04
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.....uggaauguaaagaaguauggGg.....	2	1	c04
.....uggaauguaaagaaguauCgag.....	8	1	c04
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.....uggaauguaaagaaguauggUg.....	3	1	c04
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.....uggaauguaaagaaguaugUag.....	8	1	c04
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.....uggaauguaaagCaguauggag.....	3	1	c04
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.....uggaauguaaagaaguauggagG.....	12	1	c04
.....uggaauguaaagaaguauggagcG.....	2	1	c04
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.....Gggaauguaaagaaguauggagcu.....	1	1	c04

Star Mature

ucaagaaugaagacacaaagccuugcgcgaguuccgugcuuccuuacuucccauagugcuuauaaucguauggaauguaaagaaguauggagcugcgcgggcgugccugcga

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.....uggaauguaaagaaguauggagcA.....	2	1	c04
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.....uggaauguaaagaaguauggagGug.....	1	1	c04
.....Ugaauguaaagaaguaugga.....	2	1	c04
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.....gaauguaaagaaguaugg.....	1	0	c04
.....gaauguaaagaaguauggag.....	1	0	c04
.....gaauguaaagaaguauggagU.....	1	1	c04
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.....aauguaaagaaguauggag.....	21	0	c04
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.....aauguaaagaaguauggagU.....	3	1	c04
.....auguaaagaaguauggag.....	69	0	c04
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.....auguaaagaaguauggaA.....	2	1	c04
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.....ccgugcuuccuuacuucccau.....	1	0	c16
.....ccgugcuuccuuacuucccaua.....	9	0	c16
.....cguCuggaauguaaagaaguauggag.....	2	1	c16
.....Cuggaauguaaagaagua.....	2	1	c16
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.....auggaauguaaagaaguaugg.....	1	0	c16
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.....Cuggaauguaaagaaguaugga.....	1	1	c16
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.....Gggaauguaaagaaguaug.....	10	1	c16
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.....uggaauguaaaCaaguaugg.....	1	1	c16
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Star Mature

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.....uggaauguaaagaaguaGggag.....	1	1	c16
.....uggaauguaaUgaaguauggag.....	4	1	c16
.....uggaauguaaagaaAuauggag.....	2	1	c16
.....uggaauguaaagaagAauggag.....	4	1	c16
.....uggGauguaaagaaguauggag.....	2	1	c16
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.....ugUaauguaaagaaguauggag.....	6	1	c16
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.....uggaauguaaagaGguauggag.....	1	1	c16
.....Aggaauguaaagaaguauggag.....	53	1	c16
.....uggaauguaaagaaguauggaA.....	51	1	c16
.....uggaauguaaagaagCauggag.....	9	1	c16
.....uggaauCuaaagaaguauggag.....	10	1	c16
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.....uggaauguaaaCaaguauggag.....	6	1	c16
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.....uggaauguaGagaaguauggag.....	3	1	c16
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.....uggaauguaaagaUguauggag.....	1	1	c16
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.....Gggaauguaaagaaguauggag.....	1439	1	c16
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.....uggaauguaaagaaguauggaC.....	10	1	c16
.....uggaauguaaagaaguaugAag.....	1	1	c16
.....uggaaugGaaagaaguauggag.....	1	1	c16
.....uggaauguaaagaaguCuggag.....	1	1	c16
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.....uggaauguGaagaaguauggag.....	3	1	c16
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.....uggaauUuaaagaaguauggag.....	3	1	c16
.....uggaauguaaagGaguauggag.....	1	1	c16
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.....uggaauguaaagaaguauggCg.....	2	1	c16
.....uggaauguaaagaaguGuggag.....	3	1	c16
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.....uggaauguaaagCaguauggag.....	7	1	c16
.....uggaauguaaagaaUuauggag.....	7	1	c16
.....uggaaugCaaagaaguauggag.....	4	1	c16
.....Gggaauguaaagaaguauggagc.....	3	1	c16
.....uggaauguaaagaaguauggagA.....	93	1	c16
.....uggaauguaaagaaguauggagG.....	13	1	c16
.....uggaauguaaagaaguauggagc.....	9	0	c16
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.....uggaauguaaagaaguauggGgc.....	1	1	c16
.....uggaauguaaagaaguauggagUu.....	10	1	c16
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.....uggaauguaaagaaguauggagGu.....	1	1	c16
.....uggaauguaaagaaguauggagAu.....	7	1	c16
.....uggaauguaaagaaguauggagcuU.....	1	1	c16
.....Ugaauguaaagaaguaugga.....	2	1	c16
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.....Ugaauguaaagaaguauggag.....	1	1	c16

Star Mature

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.....gaauguaaagaaguauggagU.....	1	1	c16
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.....aauguaaagaagCauggag.....	1	1	c16
.....aUuguaaagaaguauggag.....	1	1	c16
.....aauguaaagaaguauggag.....	23	0	c16
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.....auguaaagaaguauggag.....	128	0	c16
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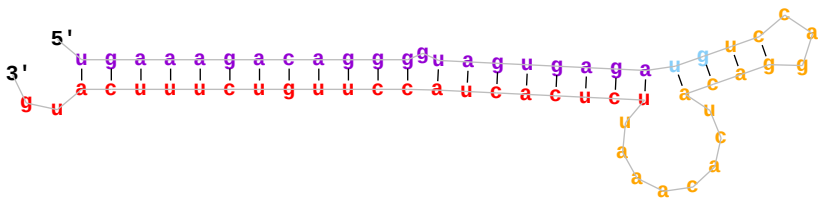
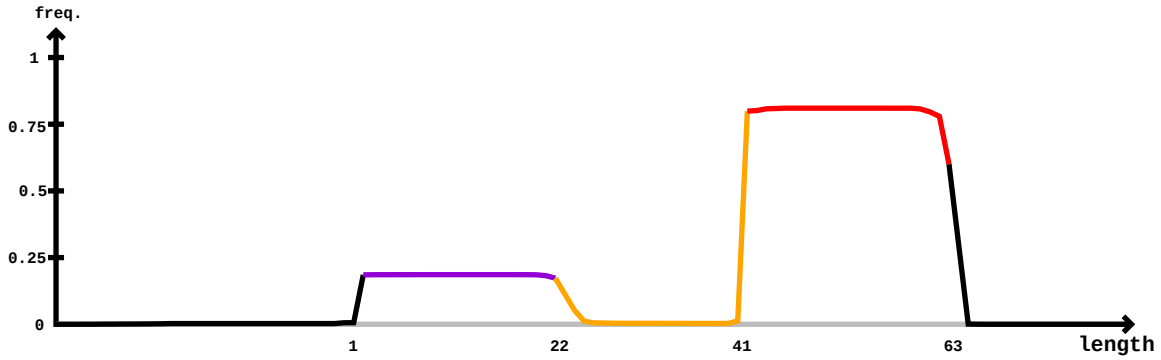
.....auUuaaagaaguauggag.....	2	1	c16
.....Cuguaaagaaguauggag.....	4	1	c16
.....auguaaagaaguauggCg.....	1	1	c16
.....auguaaagaaguauggaU.....	1	1	c16
.....auguaaagaaguaugCag.....	2	1	c16
.....auguaaagaaguauggaA.....	4	1	c16
.....auguaaagaaguauUgag.....	1	1	c16
.....augGaaagaaguauggag.....	1	1	c16
.....auguaaagaaguauggagU.....	1	1	c16
.....auguaaagaaguauggagA.....	2	1	c16
.....auguaaagaaguauggagc.....	1	0	c16

Provisional ID	:	group4_7285
Score total	:	14806.4
Score for star read(s)	:	3.9
Score for read counts	:	14795.8
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	29033
Mature read count	:	23625
Loop read count	:	37
Star read count	:	5371





Star **Mature**

```
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    cgucgcucugcggucuugcucucugcugugugaaagacaggguagugagauguccaggacaucacaaauucucacuaccuugucuuucaugcggauugagcaucauucu        exp
    ..((((...))))...(((((....(((((((((((((((.(((((((((((...))))........)))))))))))))))))))))))...)))))........   reads     mm        sample
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Star Mature

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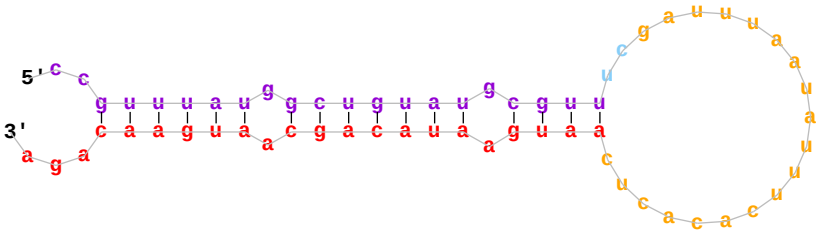
.....Gcucacuaccuugucuuucaug.....	274	1	c16
.....ucucacuaccuuguUuuucaug.....	1	1	c16
.....ucuAacuaccuugucuuucaug.....	3	1	c16
.....ucucacuaGcuugucuuucaug.....	1	1	c16
.....ucucacuaccuugucuuucaug.....	3022	0	c16
.....ucAcacuaccuugucuuucaug.....	2	1	c16
.....ucucacuaccuCgucuuucaug.....	2	1	c16
.....ucucacuacUuugucuuucaug.....	2	1	c16
.....ucuGacuaccuugucuuucaug.....	1	1	c16
.....ucucacuaccCugucuuucaug.....	1	1	c16
.....uAucacuaccuugucuuucaug.....	5	1	c16
.....Acucacuaccuugucuuucaug.....	8	1	c16
.....ucucacuaccuAgucuuucaug.....	4	1	c16
.....ucucacuaccuugucuuAcaug.....	2	1	c16
.....ucuUacuaccuugucuuucaug.....	2	1	c16
.....ucucacuaccGugucuuucaug.....	2	1	c16
.....uUucacuaccuugucuuucaug.....	3	1	c16
.....ucucacuaccuugAcuuucaug.....	2	1	c16
.....ucucacuaccuugucuuucUug.....	1	1	c16
.....ucucacuaccAugucuuucaug.....	1	1	c16
.....ucucacuaccuuAucuuucaug.....	1	1	c16
.....ucucacuaccuuguAuuucaug.....	3	1	c16
.....ucucacuaAcuugucuuucaug.....	1	1	c16
.....ucucacuaccuugucAuucaug.....	3	1	c16
.....ucucacuCccuugucuuucaug.....	4	1	c16
.....ucucacuaccuugucuuucaAg.....	2	1	c16
.....ucucacuaccuugucuuucauU.....	22	1	c16
.....ucucCcuaccuugucuuucaug.....	17	1	c16
.....ucucacAaccuugucuuucaug.....	1	1	c16
.....ucucaAuaccuugucuuucaug.....	3	1	c16
.....ucucacuaccuugucuuucaugU.....	137	1	c16
.....ucucacuaccuugucuuucaugA.....	9	1	c16
.....ucucacuaccuugucuuucaugG.....	1	1	c16
.....ucucacuaccuugucuuucaugc.....	6	0	c16
.....cucacuaccuugucuuuca.....	1	0	c16
.....cucacuaccuugucuuucau.....	5	0	c16
.....cucacuaccuugucuuucaug.....	5	0	c16
.....cucacuaccuugucuuucaugU.....	6	1	c16
.....ucacuaccuugucuuuca.....	1	0	c16
.....Gcacuaccuugucuuucau.....	1	1	c16
.....ucacuaccuugucuuucau.....	5	0	c16
.....ucacuaccuugucuuucaug.....	12	0	c16
.....Gcacuaccuugucuuucaug.....	2	1	c16
.....ucacuaccuugucuuucaugA.....	1	1	c16
.....ucacuaccuugucuuucaugc.....	2	0	c16
.....ucacuaccuugucuuucaugU.....	41	1	c16
.....cacuaccuugucuuucaug.....	6	0	c16
.....cacuaccuugucuuucaugU.....	1	1	c16
.....acuaccuugucuuucaug.....	5	0	c16

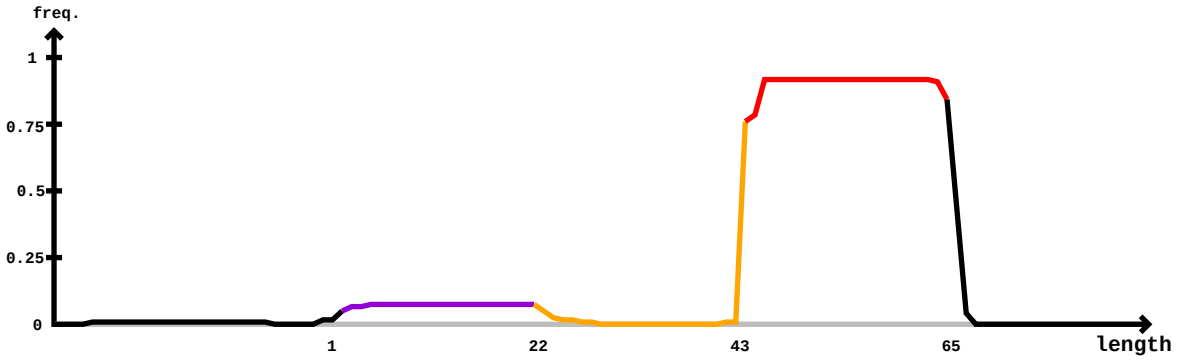
Star Mature

cgucgcucugcggucuugcucucugcugugugaaagacaggguagugagauguccaggacaucacaaauucucacuaccuugucuuucaugcggauugagcaucauucu

.....Ccuaccuugucuuucaug.....	1	1	c16
.....ugaaagacaggguagugag.....	2	0	c04
.....ugaaagacaggguagugaga.....	6	0	c04
.....Ggaaagacaggguagugaga.....	2	1	c04
.....ugaaagacaggguagugagau.....	5	0	c04
.....ugaaagacaggguagugagaugA.....	2	1	c04
.....ugaaagCcaggguagugagaugu.....	1	1	c04
.....ugaaagacaggguagugagauguccaggacauc.....	1	0	c04
.....ugaaagacaggguagugagauguccaggacaucacaaau.....	2	0	c04
.....uucucacuaccuugucuuuc.....	1	0	c04
.....uucucacuaccuugucuuucaug.....	1	0	c04
.....ucucacuaccuugucuuu.....	2	0	c04
.....ucucacuaccuugucuuuc.....	4	0	c04
.....ucucacuaccuugucuuuca.....	1	0	c04
.....ucucacuaccuugucuuucau.....	4	0	c04
.....Gcucacuaccuugucuuucau.....	1	1	c04
.....ucucacuaccuugucuuucauU.....	1	1	c04
.....Gcucacuaccuugucuuucaug.....	15	1	c04
.....Acucacuaccuugucuuucaug.....	1	1	c04
.....ucucacuaccuugucuuucaug.....	158	0	c04
.....ucucacuacAuugucuuucaug.....	1	1	c04
.....ucucacAaccuugucuuucaug.....	1	1	c04
.....uAucacuaccuugucuuucaug.....	1	1	c04
.....ucucacuaccuugucuuucaugU.....	1	1	c04
.....ucucacuaccuugucuuucaugA.....	1	1	c04
.....cucacuaccuugucuuucaugU.....	1	1	c04
.....ucacuaccuugucuuucaugU.....	2	1	c04

Provisional ID	:	group4_7287
Score total	:	57.8
Score for star read(s)	:	3.9
Score for read counts	:	54.2
Score for mfe	:	-1.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	118
Mature read count	:	111
Loop read count	:	0
Star read count	:	7





Star **Mature**

```
5'- cuuacaauguauuuaugaauuaacuguuccguuuauggcuguaugcguuucgauuuaauauuucacacucaaugaauacagcaaugaacagaacaggaauguuuaauuaguu -3'   obs
    cuuacaauguauuuaugaauuaacuguuccguuuauggcuguaugcguuucgauuuaauauuucacacucaaugaauacagcaaugaacagaacaggaauguuuaauuaguu       exp
    ..............((((((...((((((.((((((.(((((((.((((.....................)))).)))))))..)))))).)))))))....))))))....... reads     mm      sample
    ..........................................................................aaugaauacagcaaugaacaga..................... 3         0       c16
    ..........................................................................ugaauacagcaaugaacaga..................... 1         0       c16

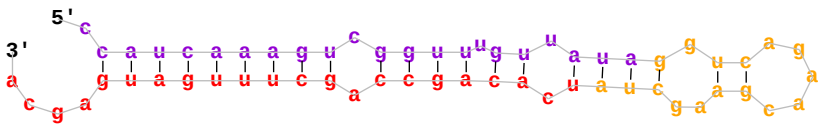
    ..uacaauguaAuuaugaauu.................................................................................................. 1         1       c04

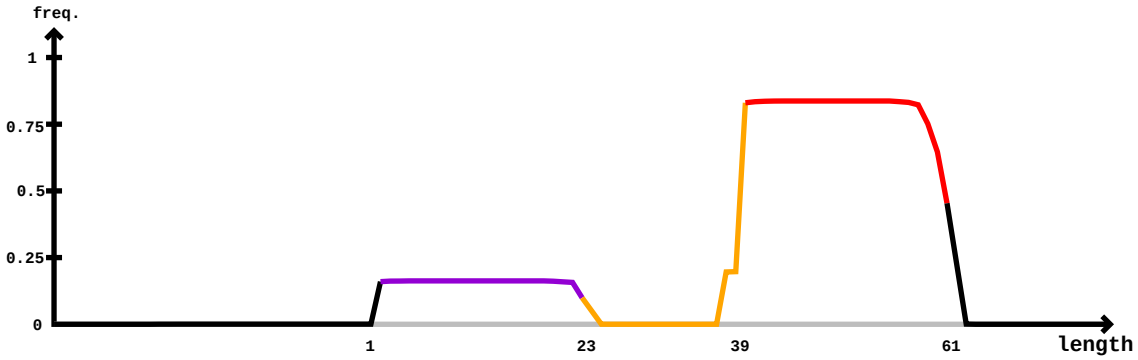
    ..........................................................................aaugaauacagcaaugaacaga..................... 3         0       c09
    ..........................................................................augaauacagcaaugaacaga..................... 1         0       c09

    ..........................................................................aaugaauacagcaaugaacag...................... 1         0       c02
    ..........................................................................aaugaauacagcaaugaacaga..................... 2         0       c02
    ..........................................................................ugaauacagcaaugaacaga..................... 1         0       c02

    ........................uuccguuuauggcuguaugcguu................................................................................ 1         0       c15
    ........................uuccguuuauggcuguaugcguuu............................................................................... 1         0       c15
    ......................ccguuuauggcuguaugcguu.................................................................................... 2         0       c15
    ......................ccgAuuauggcuguaugcguu..................................................................................... 1         1       c15
    ......................ccguuuauggcuguaugcguuu.................................................................................... 1         0       c15
    ....................cguuuauggcuguaugcguuuU..................................................................................... 1         1       c15
    ....................cguuuauggcuguaugcguuucga.................................................................................... 1         0       c15
    ......................uuuauggcuguaugcguuucgauu..................................................................................... 1         0       c15
    ..........................................................................ucaaugaauacagcaaugaacaga..................... 1         0       c15
    ..........................................................................aaugaauacagcaaugaacag...................... 6         0       c15
    ..........................................................................aaugaauacagcaaugaacaga..................... 72        0       c15
    ..........................................................................aaugaauacagcaaugaacagaa.................... 4         0       c15
    ..........................................................................augaauacagcaaugaaca....................... 1         0       c15
    ..........................................................................augaauacagcaaugaacagaa.................... 1         0       c15
    ..........................................................................ugaauacagcaaugaacag...................... 1         0       c15
    ..........................................................................ugaauacagcaaugaacaga..................... 3         0       c15
    ..........................................................................ugaauacagcaaugaacagaa.................... 5         0       c15
    ..........................................................................ugaauacagcaaugaacagaac................... 1         0       c15
    ..........................................................................ugaauacagcaaugaacagaaU................... 4         1       c15
```

Provisional ID	:	group4_7289
Score total	:	45415.7
Score for star read(s)	:	3.9
Score for read counts	:	45409.2
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	89080
Mature read count	:	74591
Loop read count	:	0
Star read count	:	14489





Star **Mature**

```
5'- uaaauugguagcaaaauugaaugugagccuugccaucaaagucgguuuguuauaggucagaacgaagcuaucacagccagcuuugaugagcaaggccucaucgaaggc -3'   obs
    uaaauugguagcaaaauugaaugugagccuugccaucaaagucgguuuguuauaggucagaacgaagcuaucacagccagcuuugaugagcaaggccucaucgaaggc      exp
    ..........((....((((.((.(.((((((((((((((((.((((.((.((((.((.....)).)))).)))))).)))))))))).)))))))).))))..))  reads     mm        sample
    ................................ccaucaaagucgguuugu.....................................................................  35        0         c02
    ................................ccaucaaagucgguuguu.....................................................................  58        0         c02
    ................................ccaucaCagucgguuuguu....................................................................  1         1         c02
    ................................ccaAcaaagucgguuuguua...................................................................  1         1         c02
    ................................ccaucaaagucgguuuguua...................................................................  47        0         c02
    ................................ccaucaaagucgguuuguuU...................................................................  1         1         c02
    ................................ccaucaaagucggAuuguua...................................................................  1         1         c02
    ................................ccaucaaagCcgguuuguuau..................................................................  1         1         c02
    ................................ccaucaaagucUguuuguuau..................................................................  1         1         c02
    ................................ccaucaaagucgguuuguuau..................................................................  663       0         c02
    ................................ccaucaaaCucgguuuguuau..................................................................  2         1         c02
    ................................ccaucaaaUucgguuuguuau..................................................................  1         1         c02
    ................................ccaucaaagucgCuuuguuau..................................................................  1         1         c02
    ................................ccaucCaagucgguuuguuau..................................................................  1         1         c02
    ................................ccaucaaagucgguuuCuuau..................................................................  1         1         c02
    ................................ccaucaaagucgguuugCuau..................................................................  1         1         c02
    ................................ccCucaaagucgguuuguuau..................................................................  2         1         c02
    ................................ccaucaCagucgguuuguuau..................................................................  1         1         c02
    ................................ccaucaaagucggAuuguuau..................................................................  1         1         c02
    ................................ccaucaaaguUgguuuguuau..................................................................  1         1         c02
    ................................ccaucaaagucgguuuguuGua.................................................................  1         1         c02
    ................................ccaucaaagucgguuuguuauG.................................................................  1         1         c02
    ................................ccaucaaagucgguuugAuaua.................................................................  2         1         c02
    ................................cAaucaaagucgguuuguuaua.................................................................  1         1         c02
    ................................ccaucaaGgucgguuuguuaua.................................................................  1         1         c02
    ................................ccaucaaaguAgguuuguuaua.................................................................  1         1         c02
    ................................ccaucaaagucgguuuguuaua.................................................................  435       0         c02
    ................................ccaucaaagucgguuugGuaua.................................................................  1         1         c02
    ................................ccaucaaagucgguuuCuuaua.................................................................  2         1         c02
    ................................ccaucaaagucgguuuguuaCa.................................................................  1         1         c02
    ................................ccaucaaagucgguuuguGaua.................................................................  1         1         c02
    ................................ccaucaaagucgguuuguuauC.................................................................  1         1         c02
    ................................ccaucaaagucgUuuuguuauag................................................................  1         1         c02
```

Star Mature

uaaauugguagcaaaauugaaugugagccuugccaucaaagucgguuuguuauaggucagaacgaagcuaucacagccagcuuugaugagcaaggccucaucgaaggc

.....ccaucaaagucgguuuguuauaU.....	2	1	c02
.....ccaucaaagucgguuuguuauag.....	106	0	c02
.....ccaucaaagucgguCuguuauag.....	1	1	c02
.....ccaucaaagucgguuuguuauaA.....	32	1	c02
.....ccaucaaagucgguuuguuauaC.....	1	1	c02
.....ccaucaaagucgguuuguuauagA.....	1	1	c02
.....ccaucaaagucgguuuguuauagU.....	2	1	c02
.....ccaucaaagucgguuuguuauagg.....	1	0	c02
.....ccaucaaagucgguuuguuauagguc.....	1	0	c02
.....caucaaagucgguuuguuau.....	6	0	c02
.....caucaUagucgguuuguuau.....	1	1	c02
.....caucaaagucgguuuguuaua.....	5	0	c02
.....caucaaagucgguuuguuauag.....	1	0	c02
.....aucaaagucgguuuguuau.....	4	0	c02
.....aucaaagucgguuuguuaua.....	1	0	c02
.....Acaaagucgguuuguuau.....	1	1	c02
.....ucaaagucgguuuguuau.....	7	0	c02
.....Gcaaagucgguuuguuaua.....	2	1	c02
.....ucaaagucgguuuguuaua.....	3	0	c02
.....ucaaagucgguuuguuauaA.....	1	1	c02
.....ucaaagucgguuuguuauag.....	1	0	c02
.....caaagucgguuuguuaua.....	1	0	c02
.....uaucacagccagcuuuga.....	22	0	c02
.....uaucacagccagcuuugau.....	23	0	c02
.....Gaucacagccagcuuugau.....	1	1	c02
.....uaucacCgccagcuuugaug.....	1	1	c02
.....Gaucacagccagcuuugaug.....	12	1	c02
.....uaucaAagccagcuuugaug.....	1	1	c02
.....uaucCcagccagcuuugaug.....	1	1	c02
.....uaucacagccaCcuuugaug.....	1	1	c02
.....uaucacagccagcuuugaug.....	150	0	c02
.....uaucacaCccagcuuugauga.....	1	1	c02
.....Gaucacagccagcuuugauga.....	53	1	c02
.....uaucacagccagcuuugauCa.....	1	1	c02
.....Aaucacagccagcuuugauga.....	4	1	c02
.....uUucacagccagcuuugauga.....	1	1	c02
.....uaucacagccCgcuuugauga.....	1	1	c02
.....uaucCcagccagcuuugauga.....	2	1	c02
.....uaucacagcGagcuuugauga.....	2	1	c02
.....uaucacagccagcuuugCuga.....	1	1	c02
.....uaucacagcAagcuuugauga.....	1	1	c02
.....uaucacagccagcuuAgauga.....	1	1	c02
.....uaucacagccagGuuugauga.....	1	1	c02
.....uaucaAagccagcuuugauga.....	2	1	c02
.....uaucacagccagcuuugaugU.....	1	1	c02
.....uaucacagccagcuuugauga.....	525	0	c02
.....uauUacagccagcuuugauga.....	2	1	c02
.....Aaucacagccagcuuugaugag.....	3	1	c02
.....uaucacagcAagcuuugaugag.....	2	1	c02
.....uaucUcagccagcuuugaugag.....	1	1	c02
.....uaucacagccagcuuugaugaA.....	19	1	c02
.....uaucacagccagcuuugaugGg.....	1	1	c02
.....uaucacagccagcuuugaugaU.....	10	1	c02
.....uaucacagccagcuuugaCgag.....	1	1	c02
.....uaucacagccagcuuugUugag.....	3	1	c02
.....uaucaAagccagcuuugaugag.....	1	1	c02
.....uaucCcagccagcuuugaugag.....	5	1	c02
.....uaAcacagccagcuuugaugag.....	1	1	c02
.....uaucacagccagcuAugaugag.....	1	1	c02
.....uaucacaUccagcuuugaugag.....	1	1	c02
.....uauUacagccagcuuugaugag.....	1	1	c02
.....uaucacCgccagcuuugaugag.....	2	1	c02
.....Gaucacagccagcuuugaugag.....	49	1	c02
.....uaucacagccagcuuugaugaC.....	2	1	c02
.....uaucacagccagUuuugaugag.....	1	1	c02
.....Caucacagccagcuuugaugag.....	1	1	c02
.....uaucacaAccagcuuugaugag.....	1	1	c02
.....uaucacagccagcuuugaugag.....	619	0	c02
.....uauAacagccagcuuugaugag.....	1	1	c02
.....uaucacagUcagcuuugaugag.....	1	1	c02

Star Mature

uaaauugguagcaaaauugaaugugagccuugccaucaaagucgguuuguuauaggucagaacgaagcuaucacagccagcuuugaugagcaaggccucaucgaaggc

.....uGucacagccagcuuugaugag.....	1	1	c02
.....uaucacagccagcuGugaugag.....	1	1	c02
.....uaucacagccagcuuugaugCg.....	2	1	c02
.....uaucacagccagcuuAgaugag.....	2	1	c02
.....uaucacagccagcuuugaGgag.....	1	1	c02
.....uaucaUagccagcuuugaugagc.....	1	1	c02
.....uaucacagccagcuuugaCgagc.....	1	1	c02
.....uaucacagccagcuuCgaugagc.....	1	1	c02
.....uaucacCgccagcuuugaugagc.....	1	1	c02
.....Aaucacagccagcuuugaugagc.....	1	1	c02
.....uaucCcagccagcuuugaugagc.....	2	1	c02
.....uaucacagccagcCuugaugagc.....	1	1	c02
.....uaucacagccagcuuugaugagA.....	12	1	c02
.....Gaucacagccagcuuugaugagc.....	27	1	c02
.....uaucacagccagcuuugaugagc.....	255	0	c02
.....uaucacagccagcuuugaugaUc.....	1	1	c02
.....uaucacagccagcuuugaugagU.....	3	1	c02
.....uaucacagccagcuuuUaugagc.....	1	1	c02
.....uaucacagccagcuuugaugagAa.....	1	1	c02
.....uaucacagccagcuuugaugagca.....	3	0	c02
.....uaucacagccagcuuugaugagcU.....	4	1	c02
.....uaucacagccagcuuugaugagcGa.....	4	1	c02
.....aucacagccagcuuugaug.....	2	0	c02
.....aucacagccagcuuugauga.....	1	0	c02
.....Cucacagccagcuuugauga.....	2	1	c02
.....auGacagccagcuuugauga.....	1	1	c02
.....Cucacagccagcuuugaugag.....	3	1	c02
.....aucacagccagcuuugaugag.....	1	0	c02
.....aucacagccagcuuugaugagc.....	3	0	c02
.....Cucacagccagcuuugaugagca.....	1	1	c02
.....aucacagccagcuuugaugagcU.....	1	1	c02
.....Gucacagccagcuuugaugagca.....	1	1	c02
.....Gcacagccagcuuugaug.....	7	1	c02
.....ucacagccagcuuugaug.....	71	0	c02
.....uUacagccagcuuugaug.....	1	1	c02
.....ucacagccagcuuugauga.....	154	0	c02
.....Gcacagccagcuuugauga.....	19	1	c02
.....ucacagccagcuCugauga.....	1	1	c02
.....ucaAagccagcuuugauga.....	1	1	c02
.....ucacagccagcuuAgauga.....	1	1	c02
.....Acacagccagcuuugauga.....	2	1	c02
.....ucacagAcagcuuugauga.....	1	1	c02
.....ucacagccagAuuugauga.....	1	1	c02
.....ucacagUcagcuuugaugag.....	2	1	c02
.....ucacagccagcuuugaugag.....	1091	0	c02
.....ucacagAcagcuuugaugag.....	4	1	c02
.....ucacagccagcuuugauCag.....	2	1	c02
.....ucacagccagcuuuCaugag.....	1	1	c02
.....ucacaUccagcuuugaugag.....	2	1	c02
.....ucacagccagcuuugauUag.....	1	1	c02
.....ucacagccagcuuugaCgag.....	1	1	c02
.....Gcacagccagcuuugaugag.....	134	1	c02
.....ucacagccagcuAugaugag.....	1	1	c02
.....ucCcagccagcuuugaugag.....	1	1	c02
.....ucacCgccagcuuugaugag.....	3	1	c02
.....ucacagccagcuuugaugCg.....	1	1	c02
.....ucacagccagcuuugUugag.....	1	1	c02
.....ucacagcAagcuuugaugag.....	2	1	c02
.....ucacagccagcuuugGugag.....	1	1	c02
.....ucacagccCgcuuugaugag.....	2	1	c02
.....Acacagccagcuuugaugag.....	1	1	c02
.....ucacagccagAuuugaugag.....	1	1	c02
.....ucacGgccagcuuugaugag.....	1	1	c02
.....ucacagccagcuuugaugaA.....	14	1	c02
.....ucacagccagcuuugaugaC.....	1	1	c02
.....ucacagccGgcuuugaugag.....	2	1	c02
.....ucacagccagcGuugaugag.....	1	1	c02
.....ucacagccagAuuugaugagc.....	1	1	c02
.....ucacagccagcuuugaugagc.....	2683	0	c02
.....ucacagUcagcuuugaugagc.....	3	1	c02

Star Mature

uaaauugguagcaaaauugaaugugagccuugccaucaaagucgguuuguuauaggucagaacgaagcuaucacagccagcuuugaugagcaaggccucaucgaaggc

.....ucacagccagcuuugauUagc.....	2	1	c02
.....ucacagccUgcuuugaugagc.....	1	1	c02
.....ucacagcAagcuuugaugagc.....	7	1	c02
.....ucGcagccagcuuugaugagc.....	1	1	c02
.....ucaUagccagcuuugaugagc.....	5	1	c02
.....ucacagccagcuuuUaugagc.....	1	1	c02
.....ucacagccagcuuugaugUgc.....	2	1	c02
.....Gcacagccagcuuugaugagc.....	288	1	c02
.....ucacagccagcuuugaugaUc.....	3	1	c02
.....ucacagccagcuuugaugaCc.....	1	1	c02
.....ucacagccagcGuugaugagc.....	1	1	c02
.....ucacagccCgcuuugaugagc.....	10	1	c02
.....ucacaAccagcuuugaugagc.....	2	1	c02
.....ucacagccagcuuugaugagA.....	14	1	c02
.....ucacagccagcuuugauCagc.....	1	1	c02
.....ucacagccagcuuugCugagc.....	2	1	c02
.....Acacagccagcuuugaugagc.....	17	1	c02
.....ucacagAcagcuuugaugagc.....	12	1	c02
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.....ucacCgccagcuuugaugagc.....	20	1	c02
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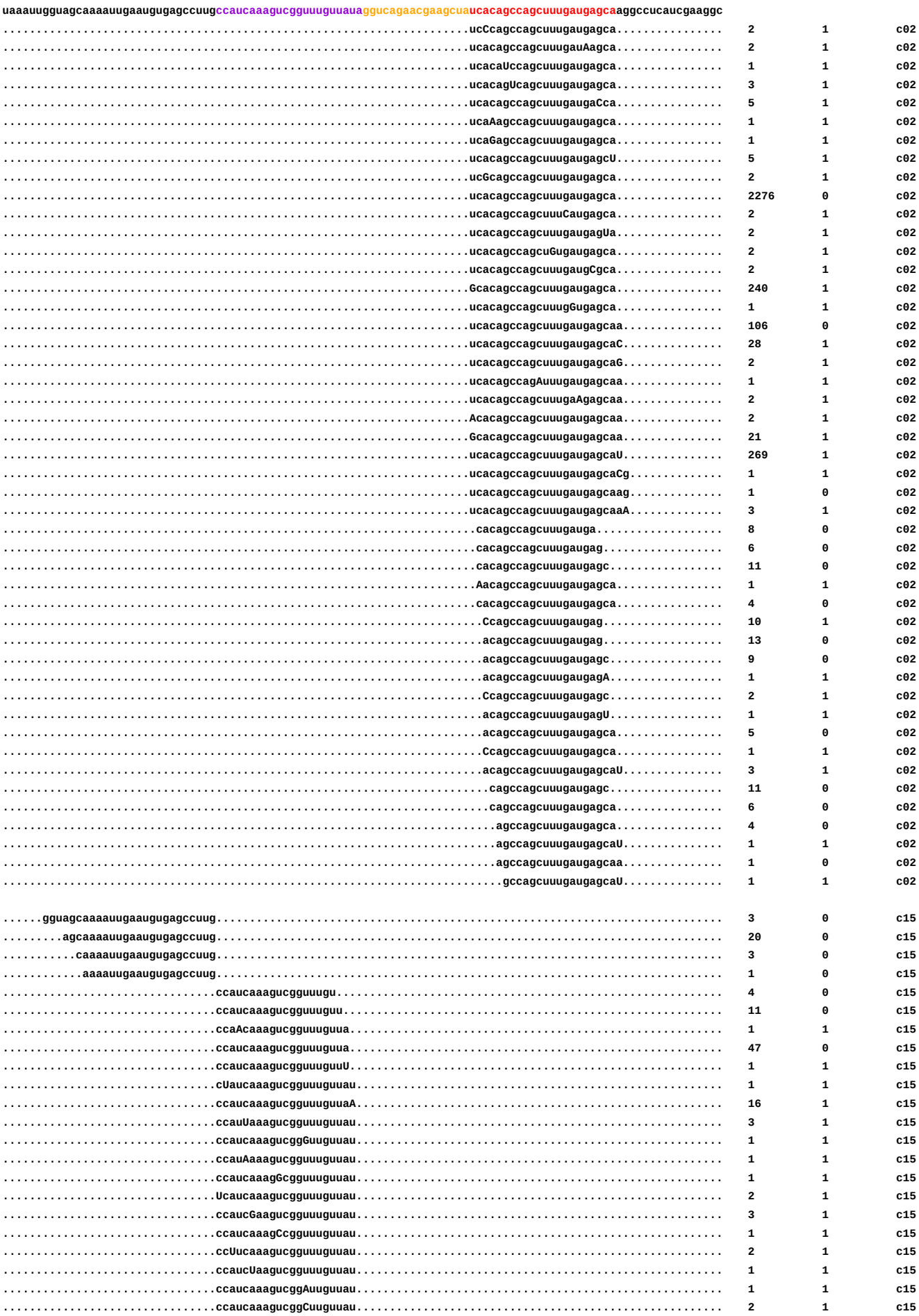
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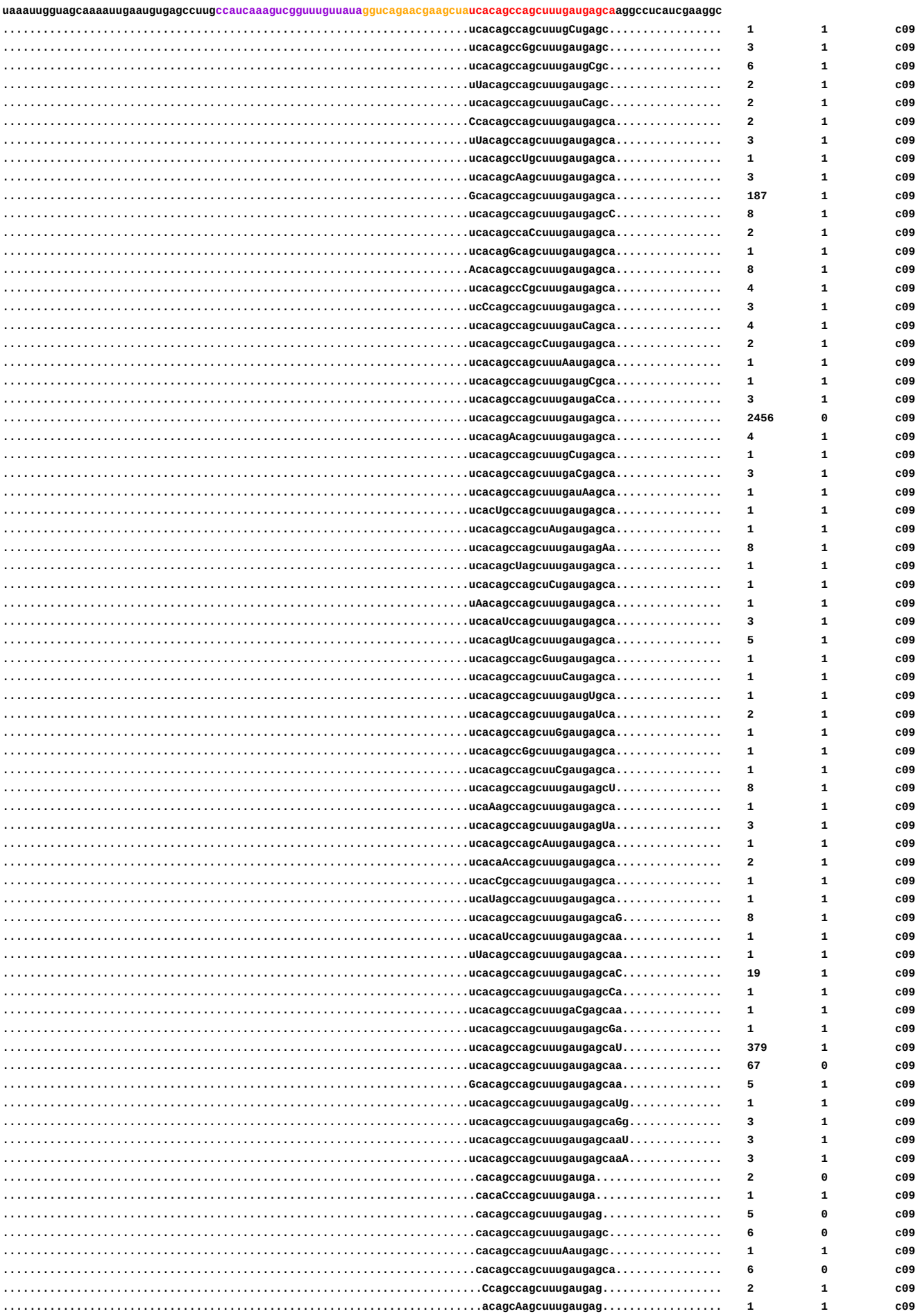
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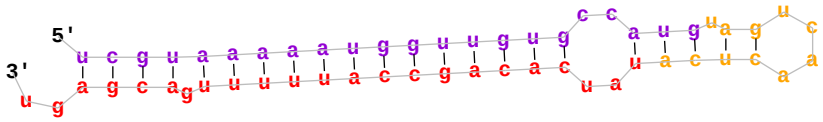
.....ucacagccagcuGugaugagc.....	1	1	c16
.....ucacagccaUcuuugaugagc.....	1	1	c16
.....ucacagccagcuuugaCgagc.....	1	1	c16
.....ucacagUcagcuuugaugagc.....	2	1	c16
.....ucacagcUagcuuugaugagc.....	3	1	c16
.....ucacagccagcuuugaugagca.....	1714	0	c16
.....Ccacagccagcuuugaugagca.....	1	1	c16
.....ucacagccagcCuugaugagca.....	1	1	c16
.....ucacagccagUuuugaugagca.....	1	1	c16
.....ucacagccagcuuugaCgagca.....	2	1	c16
.....ucacagccagcuuugauAagca.....	2	1	c16
.....ucacCgccagcuuugaugagca.....	10	1	c16
.....ucacagccagcuuAgaugagca.....	3	1	c16
.....ucCcagccagcuuugaugagca.....	4	1	c16
.....ucacagccagcuuugaugCgca.....	1	1	c16
.....ucacagccagcuuuUaugagca.....	2	1	c16
.....ucacagccagcuuugaugaUca.....	1	1	c16
.....ucacGgccagcuuugaugagca.....	1	1	c16
.....ucacagccagcuGugaugagca.....	2	1	c16
.....ucacagccagcuuugaugaCca.....	2	1	c16
.....ucacagccCgcuuugaugagca.....	1	1	c16
.....ucacagccagcuAugaugagca.....	1	1	c16
.....Acacagccagcuuugaugagca.....	5	1	c16
.....ucacagcAagcuuugaugagca.....	4	1	c16
.....ucacagccGgcuuugaugagca.....	1	1	c16
.....ucacagcUagcuuugaugagca.....	2	1	c16
.....ucacagccagcuuCgaugagca.....	1	1	c16
.....ucacagccagcuuugaugaAca.....	3	1	c16
.....ucaAagccagcuuugaugagca.....	2	1	c16
.....ucacagccagcuuugaugagAa.....	1	1	c16

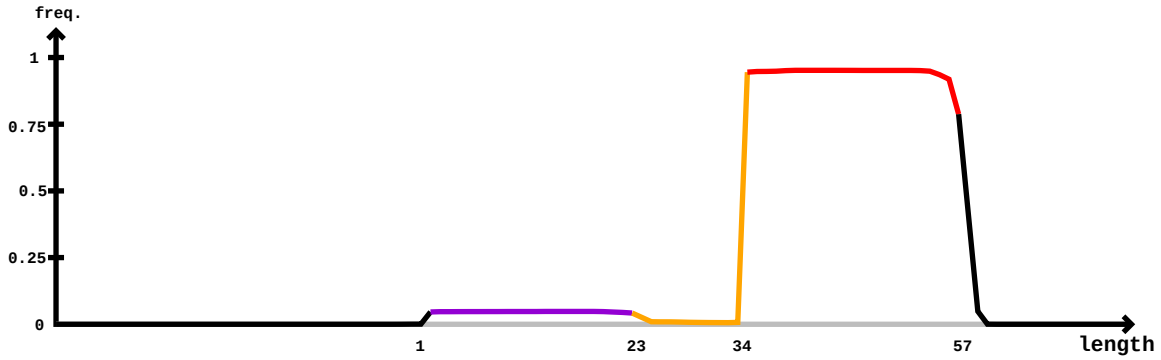
Star Mature

uaaauugguagcaaaauugaaugugagccuugccaucaaagucgguuuguuauaggucagaacgaagcuaucacagccagcuuugaugagcaaggccucaucgaaggc

.....ucacagccagcuuugaugagcC.....	4	1	c16
.....ucacagccaUcuuugaugagca.....	1	1	c16
.....ucacagUcagcuuugaugagca.....	5	1	c16
.....ucacagccagcuuugaugagcU.....	14	1	c16
.....ucacagccagcuuugaugagGa.....	1	1	c16
.....ucacagccagcuuugaAgagca.....	1	1	c16
.....ucacagccaCcuuugaugagca.....	1	1	c16
.....ucacagccagcuuuCaugagca.....	2	1	c16
.....ucacagccagcuuugauCagca.....	3	1	c16
.....Gcacagccagcuuugaugagca.....	159	1	c16
.....ucacaCccagcuuugaugagca.....	4	1	c16
.....ucacagccagAuuugaugagca.....	1	1	c16
.....uUacagccagcuuugaugagca.....	2	1	c16
.....ucacagAcagcuuugaugagca.....	3	1	c16
.....ucacUgccagcuuugaugagca.....	1	1	c16
.....ucacagccagcuuugaugagcaG.....	1	1	c16
.....ucacagccagcuuugaugagcaa.....	40	0	c16
.....Gcacagccagcuuugaugagcaa.....	5	1	c16
.....ucacagccagcuuugaugagAaa.....	2	1	c16
.....ucacagccagcuuugaugagcaC.....	15	1	c16
.....ucacagccagcuuugaugagcaU.....	262	1	c16
.....ucacagccagcuuugaugagcaaA.....	1	1	c16
.....ucacagccagcuuugaugagcGag.....	1	1	c16
.....cacagccagcuuugauga.....	4	0	c16
.....Uacagccagcuuugauga.....	1	1	c16
.....cacagccagcuuugaugag.....	3	0	c16
.....cacagccagcuuugaugaA.....	1	1	c16
.....cacagccagcuuugaugagc.....	5	0	c16
.....cacagccagcuuugaugagA.....	1	1	c16
.....cacaCccagcuuugaugagca.....	1	1	c16
.....cacagccagcuuugaugagcC.....	1	1	c16
.....cCcagccagcuuugaugagca.....	1	1	c16
.....Ccagccagcuuugaugag.....	3	1	c16
.....acagccagcuuugaugag.....	9	0	c16
.....acagccagcuuugaugagc.....	12	0	c16
.....Ccagccagcuuugaugagc.....	1	1	c16
.....acagccagcuuugaugagca.....	3	0	c16
.....cagccagcuuugaugagc.....	3	0	c16
.....cagccagcuuugaugagca.....	4	0	c16
.....agccagcuuugaugagca.....	1	0	c16
.....gccagcuuugaugagcaU.....	1	1	c16

Provisional ID	:	group4_7293
Score total	:	5092.7
Score for star read(s)	:	3.9
Score for read counts	:	5082.1
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	9980
Mature read count	:	9567
Loop read count	:	0
Star read count	:	413





Star **Mature**

```
5'- cgguccagcacgcgccggcaaagggucagcggcccauucguaaaaaugguugugccaguagucaacucauaucacagccauuuuugacgaguugggcugacugacacag  -3'   obs
    cgguccagcacgcgccggcaaagggucagcggcccauucguaaaaaugguugugccaguagucaacucauaucacagccauuuuugacgaguugggcugacugacacag        exp
    ((((.(.....).)))).....(((((((((((((((((((((((((((..(((.((....)))))..)))))))))))))).)))))).)))))))).)))).....
```

	reads	mm	sample
.....auucguaaaaaugguugugcca.....	1	0	c15
.....uucguaaaaaugguugugccaug.....	1	0	c15
.....ucguaaaaaugguugugcc.....	1	0	c15
.....ucguaaaaaugguugugcca.....	6	0	c15
.....ucguaaaaaugguugugccau.....	10	0	c15
.....ucguaaaaaugguugugccaAg.....	1	1	c15
.....ucguaaaaaCgguugugccaug.....	1	1	c15
.....Acguaaaaaugguugugccaug.....	1	1	c15
.....ucUuaaaaaugguugugccaug.....	1	1	c15
.....ucguaaaaaugguugugccaug.....	187	0	c15
.....ucguaaaaaugguugugccauA.....	9	1	c15
.....ucguaaaaaugguugugccaugA.....	2	1	c15
.....ucguaaaaaugguugugccaugu.....	22	0	c15
.....ucguaaaaaugguugugccaugAa.....	3	1	c15
.....ucguaaaaaugguugugccauguU.....	1	1	c15
.....ucguaaaaaugguugugccauguag.....	1	0	c15
.....ucguaaaaaugguugugccauguagu.....	3	0	c15
.....ucguaaaaaugguugugccauguaguc.....	3	0	c15
.....ucguaaaaaugguugugccauguaguca.....	1	0	c15
.....ucguaaaaaugguugugccauguagucU.....	3	1	c15
.....ucguaaaaaugguugugccauguagucaa.....	2	0	c15
.....ucguaaaaaugguugugccauguagucaac.....	1	0	c15
.....ucguaaaaaugguugugccauguagucaacu.....	2	0	c15
.....ucguaaaaaugguugugccauguagucaacuc.....	4	0	c15
.....ucguaaaaaugguugugccauguagucaacuca.....	12	0	c15
.....cguaaaaaugguugugccaug.....	5	0	c15
.....cguaaaaaugguugugccaugu.....	1	0	c15
.....cguaaaaaugguugugccauguagucaacuca.....	4	0	c15
.....aaaugguugugccauguaguca.....	1	0	c15
.....uugugccauguagucaacuca.....	1	0	c15
.....auaucacagccauuuuugacgag.....	12	0	c15
.....Cuaucacagccauuuuugacgagu.....	3	1	c15
.....uaucacagccauuuuuga.....	2	0	c15

Star Mature

cgguccagcacgcgccggcaaagggucagcggcccauucguaaaaaugguugugccauguagucaacucauaucacagccauuuuugacgaguugggcugacugacacag

uaucacagccauuuuugac	10	0	c15
uaucacagccauuuuugacA	2	1	c15
uaucacagccauuuuugacg	21	0	c15
uaucacagccauuuuugacga	77	0	c15
uaucacagUcauuuuugacgag	1	1	c15
uaucacagccauuuuugacgag	986	0	c15
uaucacagAcauuuuugacgag	1	1	c15
uaucaGagccauuuuugacgag	2	1	c15
uaucacagccauuuuugacgaC	20	1	c15
uaucacagccauuuuugaUgag	2	1	c15
uaucacagccauuuuugacgaA	9	1	c15
uaucacagccaAuuuugacgag	1	1	c15
uaucGcagccauuuuugacgag	1	1	c15
uUucacagccauuuuugacgag	1	1	c15
uaucacagccauuuuugacAag	2	1	c15
Caucacagccauuuuugacgagu	2	1	c15
uaucacagccauuuuugacgagA	5	1	c15
uaucaGagccauuuuugacgagu	1	1	c15
uaucacagccCuuuuugacgagu	1	1	c15
uaucacagccauuuuugacgagC	6	1	c15
uaAcacagccauuuuugacgagu	2	1	c15
Aaucacagccauuuuugacgagu	2	1	c15
uaucacagccauuuuugCcgagu	1	1	c15
uaucacagccauuuuugacAagu	1	1	c15
uaucacagccauuuuugacgUgu	2	1	c15
uGucacagccauuuuugacgagu	2	1	c15
uaucacagccauuuuugacgaUu	3	1	c15
uaucacUgccauuuuugacgagu	2	1	c15
uaucacagccauuuuugacgagG	1	1	c15
uaucacagccauuuuugUcgagu	2	1	c15
uaucacagccauuuuugacgaAu	2	1	c15
uaucacagccauuuuugacgagu	3645	0	c15
uUucacagccauuuuugacgagu	1	1	c15
uaucacagccauuCuugacgagu	1	1	c15
uauUacagccauuuuugacgagu	2	1	c15
uaucacagccauuuuuUacgagu	1	1	c15
uaucacaAccauuuuugacgagu	1	1	c15
uaucGcagccauuuuugacgagu	3	1	c15
uaucacagcAauuuuugacgagu	1	1	c15
uaucacagccauGuuugacgagu	2	1	c15
uaucacagccauuAuugacgagu	1	1	c15
uaucacCgccauuuuugacgagu	1	1	c15
uaucacagccauuuuugacgaCu	2	1	c15
uaucacagccauuuuGgacgagu	2	1	c15
uaucacagccauuuuAgacgagu	2	1	c15
uaucacagccauuuuuAacgagu	1	1	c15
Gaucacagccauuuuugacgagu	1	1	c15
uaucacagcUauuuuugacgagu	1	1	c15
uaucacagccauuuuugaUgaguu	1	1	c15
uaucaGagccauuuuugacgaguu	1	1	c15
uaucacagccauuuuugacgaguA	7	1	c15
uGucacagccauuuuugacgaguu	1	1	c15
uaucacagccauuuuugacgaguu	633	0	c15
uaucacagccauuuuugacgaguC	1	1	c15
Gaucacagccauuuuugacgaguu	1	1	c15
uaCcacagccauuuuugacgaguu	1	1	c15
uaucaUagccauuuuugacgaguu	1	1	c15
uaucGcagccauuuuugacgaguu	1	1	c15
uaucacagccauuuuugacgaguuU	229	1	c15
uaucacagccauuuuugacgaguuA	3	1	c15
uaucacagccauuuuugacgaguuC	18	1	c15
aucacagccauuuuugacgag	3	0	c15
aucacagccauuuuugacgagu	2	0	c15
aucacagccauuuuugacgaguuU	1	1	c15
ucacagccauuuuugacgagu	1	0	c15
acagccauuuuugacgaguu	1	0	c15
cagccauuuuugacgagu	2	0	c15
cagccauuuuugacgaguu	1	0	c15

cauucguaaaaaugguugugc	1	0	c02

Star Mature

cgguccagcacgcgccggcaaagggucagcggcccauucguaaaaaugguugugccauguagucaacucauaucacagccauuuuugacgaguugggcugacugacacag

.....ucguaaaaaugguugugcc.....	1	0	c02
.....Gcguaaaaaugguugugcca.....	2	1	c02
.....ucguaaaaaugguugugcca.....	2	0	c02
.....ucguaaaaaugguugugccau.....	2	0	c02
.....Gcguaaaaaugguugugccau.....	1	1	c02
.....ucguaaaaaugguugugccaug.....	7	0	c02
.....ucguaaaaaugguugugcAaug.....	1	1	c02
.....ucguaaaaaugguugugccaugu.....	3	0	c02
.....ucguaaaaaugguugugccauguagu.....	1	0	c02
.....ucguaaaaaugguugugccauguaguc.....	4	0	c02
.....ucguaaaaaugguugugccauguagucaa.....	1	0	c02
.....ucguaaaaaugguugugccauguagucaac.....	1	0	c02
.....Gcguaaaaaugguugugccauguagucaacuca.....	1	1	c02
.....ucguaaaaaugguugugccauguagucaacuca.....	4	0	c02
.....uaaaaaugguugugccauguagu.....	2	0	c02
.....uugugccauguagucaacuca.....	1	0	c02
.....uaucacagccauuuuuga.....	1	0	c02
.....uaucacagccauuuuugac.....	1	0	c02
.....uaucacagUcauuuuugac.....	1	1	c02
.....Gaucacagccauuuuugacg.....	3	1	c02
.....uaucacagccauuuuugCcg.....	1	1	c02
.....Aaucacagccauuuuugacg.....	1	1	c02
.....uaucacagccauuuuugacg.....	26	0	c02
.....uaucacagcUauuuuugacga.....	1	1	c02
.....uaucacagccauuuuugacga.....	24	0	c02
.....Gaucacagccauuuuugacga.....	2	1	c02
.....Gaucacagccauuuuugacgag.....	9	1	c02
.....Aaucacagccauuuuugacgag.....	1	1	c02
.....uaucCcagccauuuuugacgag.....	1	1	c02
.....uaucacagccauuuuugacgag.....	69	0	c02
.....uaucacaUccauuuuugacgag.....	1	1	c02
.....uaucacagccauuuuugacgagu.....	532	0	c02
.....uaucacagccauAuuugacgagu.....	1	1	c02
.....uaucacagccauuuuCgacgagu.....	1	1	c02
.....uaucacagccauuuuuGcgagu.....	1	1	c02
.....uaucacagccauuuuugacgaCu.....	1	1	c02
.....uaucacagccauuuuugacgagA.....	1	1	c02
.....uaucacagccauuuuugCcgagu.....	4	1	c02
.....uaucacagcUauuuuugacgagu.....	1	1	c02
.....Gaucacagccauuuuugacgagu.....	73	1	c02
.....uaAcacagccauuuuugacgagu.....	1	1	c02
.....uauAacagccauuuuugacgagu.....	1	1	c02
.....uaucacagccauuuuugacgagC.....	1	1	c02
.....uaucacagAcauuuuugacgagu.....	1	1	c02
.....uaucCcagccauuuuugacgagu.....	2	1	c02
.....Aaucacagccauuuuugacgagu.....	3	1	c02
.....uaucacagccauuuuugaUgagu.....	1	1	c02
.....uaucacagccauuuuuCacgagu.....	1	1	c02
.....uaucacaCccauuuuugacgagu.....	2	1	c02
.....uauUacagccauuuuugacgagu.....	2	1	c02
.....uaucacagcGauuuuugacgagu.....	1	1	c02
.....Gaucacagccauuuuugacgaguu.....	13	1	c02
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.....uaucacagccauuuuugacgaguu.....	130	0	c02
.....uaucacagccauuuuugCcgaguu.....	2	1	c02
.....uaucacagccauuuuugacCaguu.....	1	1	c02
.....uaucacagccauuuuugacgaguC.....	1	1	c02
.....uauUacagccauuuuugacgaguu.....	1	1	c02
.....uaucacagccauuuuugacgaguuA.....	4	1	c02
.....uaucacagccauuuuugacgaguug.....	1	0	c02
.....uaucacagccauuuuugacgaguuU.....	35	1	c02
.....uaucacagccauuuuugacgaguCgg.....	1	1	c02
.....uaucacagccauuuuugacgaguuAg.....	1	1	c02
.....aucacagccauuuuugacgagu.....	3	0	c02
.....Cucacagccauuuuugacgaguu.....	1	1	c02
.....aucacagccauuuuugacgaguu.....	4	0	c02
.....aucacagccauuuuugacgaguuU.....	1	1	c02
.....ucacagccauuuuugacgagu.....	1	0	c02
.....cacagccauuuuugacgagu.....	1	0	c02

Star Mature

cgguccagcacgcgccggcaaagggucagcggcccauucguaaaaaugguugugccauguagucaacucauaucacagccauuuuugacgaguugggcugacugacacag

.....acagccauuuuugacgagu.....	4	0	c02
.....cagccauuuuugacgagu.....	4	0	c02
.....cagccauuuuugacgaguu.....	1	0	c02
.....ucguaaaaaugguugugc.....	4	0	c16
.....Gcguaaaaaugguugugcc.....	1	1	c16
.....ucguaaaaaugguugugcc.....	12	0	c16
.....ucguaaaaaugguugugcca.....	4	0	c16
.....ucguaaaaaugguugugccau.....	6	0	c16
.....ucguaaaaaugUuugugccau.....	2	1	c16
.....ucguaaaaaugguugugccaug.....	42	0	c16
.....ucguaaaaaugguugugccaGg.....	1	1	c16
.....Gcguaaaaaugguugugccaug.....	4	1	c16
.....ucguaaaaaugguugugccaugC.....	1	1	c16
.....Gcguaaaaaugguugugccaugu.....	1	1	c16
.....ucguaaaaaugguugugccaugu.....	3	0	c16
.....Gcguaaaaaugguugugccaugua.....	1	1	c16
.....ucguaaaaaugguugugccauguaguc.....	2	0	c16
.....ucguaaaaaugguugugccauguagucaa.....	1	0	c16
.....ucguaaaaaugguugugccauguaCucaacuc.....	1	1	c16
.....ucguaaaaaugguugugccauguagucaacuc.....	1	0	c16
.....Gcguaaaaaugguugugccauguagucaacuca.....	3	1	c16
.....ucguaaaaaugguugugccauguagucaacuca.....	11	0	c16
.....ucguaaaaaugguugugccauguagucaacucU.....	2	1	c16
.....cguaaaaaugguugugccauguagucaacuca.....	1	0	c16
.....aaaaaugguugugccauguagucaacuca.....	1	0	c16
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.....Cugguugugccauguagucaacuca.....	1	1	c16
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.....uagucaacucauaucacagccau.....	1	0	c16
.....auaucacagccauuuuugacgag.....	1	0	c16
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.....uaucacagccauuuuugac.....	2	0	c16
.....Gaucacagccauuuuugac.....	1	1	c16
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.....Gaucacagccauuuuugacg.....	6	1	c16
.....uaucaAagccauuuuugacg.....	1	1	c16
.....uaucacagccauuuuugacg.....	41	0	c16
.....uaucacagccauuuuugacgU.....	1	1	c16
.....Gaucacagccauuuuugacga.....	4	1	c16
.....uaucacagccauuuuugacga.....	40	0	c16
.....uaucacagccauuuuugacgag.....	93	0	c16
.....uaucacagccauuuuugacgaA.....	1	1	c16
.....Gaucacagccauuuuugacgag.....	16	1	c16
.....uaucacagccauuuuugCcgag.....	1	1	c16
.....uaucacagccauuuuugacgaC.....	1	1	c16
.....Aaucacagccauuuuugacgag.....	2	1	c16
.....uaucacagAcauuuuugacgagu.....	3	1	c16
.....uaucacCgccauuuuugacgagu.....	1	1	c16
.....uaucacagccauuuuugaAgagu.....	2	1	c16
.....Caucacagccauuuuugacgagu.....	1	1	c16
.....uaucacagUcauuuuugacgagu.....	2	1	c16
.....uaucacagccauuuuugCcgagu.....	1	1	c16
.....uaucacagccauuuuugacgagG.....	1	1	c16
.....uaucaGagccauuuuugacgagu.....	1	1	c16
.....uaucacagccauuuuugacCagu.....	1	1	c16
.....uaucGcagccauuuuugacgagu.....	2	1	c16
.....uaucacagccauuuuugacUagu.....	1	1	c16
.....uaucacagccauuAuugacgagu.....	1	1	c16
.....uauAacagccauuuuugacgagu.....	2	1	c16
.....uaCcacagccauuuuugacgagu.....	1	1	c16
.....uaucaAagccauuuuugacgagu.....	2	1	c16
.....Aaucacagccauuuuugacgagu.....	9	1	c16
.....Gaucacagccauuuuugacgagu.....	123	1	c16
.....uaucacaAccauuuuugacgagu.....	1	1	c16
.....uaucacaUccauuuuugacgagu.....	1	1	c16
.....uaucacagccauuuuugacgaCu.....	2	1	c16
.....uaucCcagccauuuuugacgagu.....	1	1	c16
.....uaucacaCccauuuuugacgagu.....	3	1	c16

Star Mature

cgguccagcacgcgccggcaaagggucagcggcccauucguaaaaaugguugugccauguagucaacucauaucacagccauuuuugacgaguugggcugacugacacag

.....uaucacagccauuuuugacgGgu.....	1	1	c16
.....uaucacagccauAuuugacgagu.....	1	1	c16
.....uaucacagccauuuuugacgagC.....	1	1	c16
.....uaucacagccauuuuugacgagA.....	1	1	c16
.....uaucacagccauuuuugacgagu.....	1019	0	c16
.....Gaucacagccauuuuugacgaguu.....	30	1	c16
.....uaucCcagccauuuuugacgaguu.....	3	1	c16
.....uaucacagccauuuuugacgaguu.....	423	0	c16
.....uauAacagccauuuuugacgaguu.....	1	1	c16
.....uaucacagccauuuuugacgaguC.....	3	1	c16
.....uaucacagccauuuuugCcgaguu.....	1	1	c16
.....uaucacagccauuuuugacgaCuu.....	1	1	c16
.....Caucacagccauuuuugacgaguu.....	2	1	c16
.....uaucacagccauuuuAgacgaguu.....	1	1	c16
.....uaucaAagccauuuuugacgaguu.....	1	1	c16
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.....uaucacagcAauuuuugacgaguu.....	1	1	c16
.....uaucacagccauuuuugacgaguuA.....	19	1	c16
.....uaucacagccauuuuugacgaguAg.....	1	1	c16
.....uaucacagccauuuuugacgGguug.....	1	1	c16
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.....uaucacagccauuuuugacgaguGg.....	1	1	c16
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.....Cucacagccauuuuugacga.....	1	1	c16
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.....ucguaaaaaugguugugccaug.....	2	0	c04
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.....uaucacagccauuuuugacg.....	4	0	c04
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.....uaucacagccauuuuugacga.....	1	0	c04
.....uaucacagccauuuuugacgag.....	8	0	c04
.....uaucacaCccauuuuugacgagu.....	1	1	c04
.....uaucacagccauuuuugacgagu.....	40	0	c04
.....uaucacagccauuuuugaUgagu.....	1	1	c04
.....Gaucacagccauuuuugacgagu.....	4	1	c04
.....Gaucacagccauuuuugacgaguu.....	1	1	c04
.....uaucacagccauuuuugacgaguu.....	8	0	c04
.....uaucacagccauuuuugacgaguuA.....	1	1	c04
.....uaucacagccauuuuugacgaguuU.....	1	1	c04
.....cacagccauuuuugacgagu.....	1	0	c04
.....acagccauuuuugacgag.....	1	0	c04

.....auucguaaaaaugguugugc.....	1	0	c09
.....auucguaaaaaugguugugcca.....	1	0	c09
.....ucguaaaaaugguugugcc.....	3	0	c09
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.....ucguaaaaaugguugugccau.....	1	0	c09
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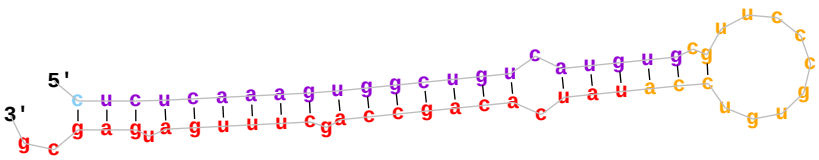
.....ucguaaaaauUguugugccaug.....	1	1	c09
.....Gcguaaaaaugguugugccaug.....	2	1	c09
.....ucguaaaaaugguugugccaug.....	25	0	c09
.....ucguaaaaaugguugugccaugC.....	1	1	c09
.....ucguaaaaaugguugugccaugu.....	2	0	c09
.....ucguaaaaaugguugugccauguagu.....	1	0	c09
.....ucguaaaaaugguugugccauguagucaacu.....	1	0	c09

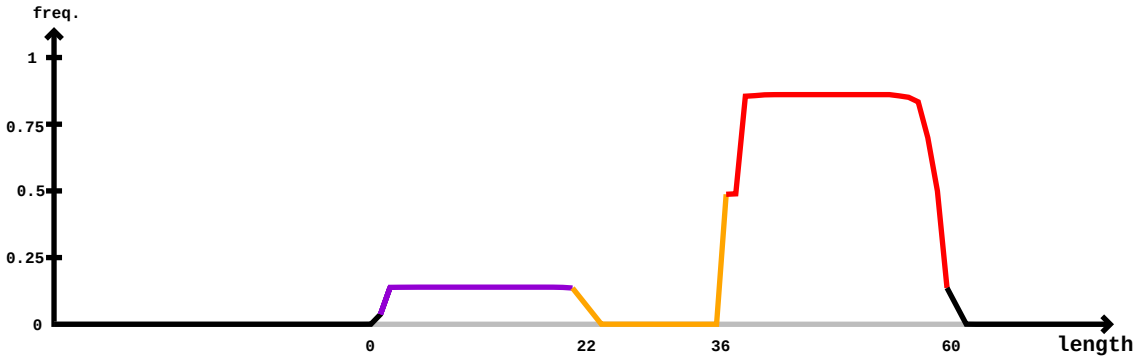
Star Mature

cgguccagcacgcgccggcaaagggucagcggcccauucguaaaaaaugguugugccauguagucaacucauaucacagccauuuuugacgaguugggcugacugacacag

.....ucguaaaaaugguugugccauguagucaacuc.....	1	0	c09
.....Gcguaaaaaugguugugccauguagucaacuca.....	1	1	c09
.....ucguaaaaaugguugugccauguagucaacuca.....	4	0	c09
.....auguagucaacucauaucacagccau.....	1	0	c09
.....auguagucaacucauaucacagccauuuuugacgagu.....	1	0	c09
.....uguagucaacucauaucacagcca.....	1	0	c09
.....cUuaucacagccauuuuugacgagu.....	1	1	c09
.....auaucacagccauuuuugacg.....	1	0	c09
.....uaucacagccauuuuugac.....	6	0	c09
.....uaucacagccauuuuugacg.....	19	0	c09
.....Gaucacagccauuuuugacg.....	2	1	c09
.....Aaucacagccauuuuugacg.....	2	1	c09
.....Aaucacagccauuuuugacga.....	1	1	c09
.....uaucacagccauuuuugacga.....	20	0	c09
.....Gaucacagccauuuuugacga.....	1	1	c09
.....uaucacagccauuuuugacAag.....	1	1	c09
.....uaucacagccauuuuugacgag.....	63	0	c09
.....Gaucacagccauuuuugacgag.....	3	1	c09
.....uaucacagccauuuuugacgaA.....	2	1	c09
.....uaucacagUcauuuuugacgagu.....	1	1	c09
.....Gaucacagccauuuuugacgagu.....	28	1	c09
.....uaucacagccauuuuuAacgagu.....	1	1	c09
.....uaucacagcAauuuuugacgagu.....	1	1	c09
.....Aaucacagccauuuuugacgagu.....	1	1	c09
.....uaucacagccauuuuugCcgagu.....	1	1	c09
.....uaucacaAccauuuuugacgagu.....	1	1	c09
.....uaucacagccauuuuugacgGgu.....	2	1	c09
.....uaucacagcUauuuuugacgagu.....	3	1	c09
.....uaucacagccauuuuugacgaCu.....	2	1	c09
.....uaucacagccauuuuugacUagu.....	2	1	c09
.....uaucacGgccauuuuugacgagu.....	1	1	c09
.....uaucacagccauuuuugacgagA.....	1	1	c09
.....uaucacagccGuuuuugacgagu.....	1	1	c09
.....uaucaAagccauuuuugacgagu.....	2	1	c09
.....uaucCcagccauuuuugacgagu.....	1	1	c09
.....uaucacagccauuuuugacgagu.....	342	0	c09
.....uaucaUagccauuuuugacgaguu.....	1	1	c09
.....uaucacagccauuuuuCacgaguu.....	1	1	c09
.....uaucacagccaAuuuugacgaguu.....	1	1	c09
.....Gaucacagccauuuuugacgaguu.....	6	1	c09
.....uaucacagccauuuuugacgaguA.....	2	1	c09
.....uaucacagccauuuuugaAgaguu.....	1	1	c09
.....uaucacagccauuuuugacgaguu.....	66	0	c09
.....uaucacagccauuuuugacgaguug.....	2	0	c09
.....uaucacagccauuuuugacgaguuC.....	1	1	c09
.....uaucacagccauuuuugacgaguuU.....	20	1	c09
.....uaucacagccauuuuugacgaguuA.....	3	1	c09
.....auUacagccauuuuugacgagu.....	1	1	c09
.....aucacagccauuuuugacgaguu.....	1	0	c09
.....cacagccauuuuugacgagu.....	1	0	c09
.....cacagccauuuuugacgaguu.....	2	0	c09
.....acagccauuuuugacgag.....	1	0	c09
.....Ccagccauuuuugacgag.....	1	1	c09
.....acagccauuuuugacgagu.....	3	0	c09
.....Ccagccauuuuugacgagu.....	1	1	c09
.....acagccauuuuugacgaguuU.....	1	1	c09
.....cagccauuuuugacgagu.....	2	0	c09

Provisional ID	:	group4_7295
Score total	:	24042
Score for star read(s)	:	3.9
Score for read counts	:	24031.2
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	47148
Mature read count	:	40594
Loop read count	:	0
Star read count	:	6554





Star **Mature**

```
5'- ucggcgagccucggcgagcgagcgugucgucgcucucaaaguggcugucaugugcguucccgugucca uaucacagccagcuuugaugagcgccgagcgcucacagca  -3'   obs
    ucggcgagccucggcgagcgagcgugucgucgcucucaaaguggcugucaugugcguucccgugucca uaucacagccagcuuugaugagcgccgagcgcucacagca        exp
    (((.(((...))).))))(.((((((.(((.((((((((((((((((((.(((((.(.........)))))).))))))).))))))).))))).)))))))))).)....
```

	reads	mm	sample
..........guAgcucucaaaguggcugucaugug....	1	1	c09
..........gcucucaaaguggcugucaugu....	1	0	c09
..........cucucaaaguggcugucaug....	3	0	c09
..........cucucaaaguggcugucaugu....	10	0	c09
..........cucucaaaUuggcugucaugug....	1	1	c09
..........cucucaaaguggcugucaugug....	32	0	c09
..........cucucaaaguggcugucaugugU....	8	1	c09
..........cucucaaaguggcugucaugugcguuc....	2	0	c09
..........cucucaaaguggcugucaugugcguucc....	1	0	c09
..........cucucaaaguggcugucaugugcguuccc....	1	0	c09
..........ucucaaaguggcugucau....	8	0	c09
..........ucucaaaguggcugucaug....	11	0	c09
..........ucucaaaguggcugucaugu....	39	0	c09
..........ucucaaaguggcugucaugA....	1	1	c09
..........Gcucaaaguggcugucaugu....	3	1	c09
..........Gcucaaaguggcugucaugug....	20	1	c09
..........ucucaaaguggcugucauguC....	1	1	c09
..........ucucaaaguggcugucaugAg....	1	1	c09
..........ucucaaaguggcugucaCgug....	1	1	c09
..........ucucaaaguggcugucauguU....	1	1	c09
..........ucucaaaguggcugucGugug....	1	1	c09
..........ucucaaaguggcugucaugug....	242	0	c09
..........ucucaaaAuggcugucaugug....	1	1	c09
..........ucucaaaguggcugucauguA....	3	1	c09
..........ucucaaaguggcugucaugUg....	21	1	c09
..........ucucaaaguggcugucaugugc....	1	0	c09
..........ucucaaaguggcugucaugugA....	8	1	c09
..........ucucaaaguggcugucaugugAg....	1	1	c09
..........cCcaaaguggcugucaugug....	1	1	c09
..........cucaaaguggcugucaugug....	1	0	c09
..........ucaaaguggcugucaugug....	3	0	c09
..........caaaguggcugucaugug....	3	0	c09
..........caaaguggcugucaugugA....	1	1	c09

Star Mature

ucggcgagccucggcgagcgagcgugucgucgcucucaaaguggcugucaugugcguucccgugucauaucacagccagcuuugaugagcgccgagcgcucacagca

.....aaaguggcugucaugugU.....	1	1	c09
.....uaucacagccagAuuuga.....	1	1	c09
.....uaucacagccagcuuugC.....	2	1	c09
.....uaucacagccagcuuuga.....	79	0	c09
.....uaucacagAcagcuuuga.....	1	1	c09
.....Gaucacagccagcuuuga.....	10	1	c09
.....uaucCcagccagcuuugau.....	2	1	c09
.....uaucacagccagcuuugaG.....	1	1	c09
.....Gaucacagccagcuuugau.....	7	1	c09
.....uaucacagccagcuuugGu.....	1	1	c09
.....Caucacagccagcuuugau.....	1	1	c09
.....uaucacagccagcuuugau.....	106	0	c09
.....uaucacagccagcuuugauU.....	1	1	c09
.....uaucacagccagcuuugauC.....	1	1	c09
.....uaucaAagccagcuuugaug.....	1	1	c09
.....uaucacagccagcuuugauA.....	1	1	c09
.....Gaucacagccagcuuugaug.....	8	1	c09
.....uaucacagccagcuuugaug.....	75	0	c09
.....uauAacagccagcuuugauga.....	1	1	c09
.....uaucCcagccagcuuugauga.....	1	1	c09
.....uaucaAagccagcuuugauga.....	1	1	c09
.....Gaucacagccagcuuugauga.....	53	1	c09
.....uaucacagccagcuuuCauga.....	1	1	c09
.....uaucacagccCgcuuugauga.....	2	1	c09
.....uaucacagAcagcuuugauga.....	1	1	c09
.....uaucacagccaCcuuugauga.....	1	1	c09
.....uaucacagccagcuuugaugC.....	1	1	c09
.....uaucacagccagcuuugauga.....	881	0	c09
.....uaucacaCccagcuuugauga.....	1	1	c09
.....uaucacagccagcuuugauCa.....	2	1	c09
.....uaucacagcGagcuuugauga.....	1	1	c09
.....uCucacagccagcuuugauga.....	1	1	c09
.....uaucacagccagcuuAgauga.....	2	1	c09
.....uaucacagccagcuuuUauga.....	2	1	c09
.....uaucacagccagcuGugauga.....	1	1	c09
.....Aaucacagccagcuuugauga.....	2	1	c09
.....uaucacagccGgcuuugauga.....	1	1	c09
.....uaucacagccagAuuugauga.....	1	1	c09
.....uaucacagUcagcuuugaugag.....	1	1	c09
.....uaucacGgccagcuuugaugag.....	1	1	c09
.....uaucacagccagcuuugaugaA.....	34	1	c09
.....uaucacagcAagcuuugaugag.....	1	1	c09
.....uauAacagccagcuuugaugag.....	2	1	c09
.....uaucCcagccagcuuugaugag.....	1	1	c09
.....uaucacagccagcuuugaugag.....	1046	0	c09
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.....uGucacagccagcuuugaugag.....	2	1	c09
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.....uaucacagccagUuuugaugag.....	1	1	c09
.....uaucacagccagcuuugUugag.....	5	1	c09
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.....uaucacagccagcuuugauAag.....	1	1	c09
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.....Aaucacagccagcuuugaugag.....	3	1	c09
.....uUucacagccagcuuugaugag.....	1	1	c09
.....Gaucacagccagcuuugaugag.....	68	1	c09
.....uaucacagccagcuuugaugaU.....	12	1	c09
.....uaucacagccagcuuugaGgag.....	1	1	c09
.....uaucacGgccagcuuugaugagc.....	1	1	c09
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.....uaucacagccagcuuugaugGgc.....	1	1	c09
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.....uaucacagccagcuuugaugaUc.....	2	1	c09
.....Gaucacagccagcuuugaugagc.....	20	1	c09
.....uaucacCgccagcuuugaugagc.....	2	1	c09
.....uaucacagccUgcuuugaugagc.....	2	1	c09
.....uCucacagccagcuuugaugagc.....	1	1	c09

Star Mature

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.....uaucacagccagcuuugaugagU.....	6	1	c09
.....uUucacagccagcuuugaugagc.....	1	1	c09
.....uaucacagccagcuuugaugCgc.....	3	1	c09
.....uaucacaCccagcuuugaugagc.....	1	1	c09
.....Aaucacagccagcuuugaugagc.....	1	1	c09
.....uaucacagccagcuuugaugagc.....	426	0	c09
.....uaucacagccagcuuugaugaCc.....	1	1	c09
.....uaucacagccagcuuugaugUgc.....	1	1	c09
.....uaucacagccGgcuuugaugagcg.....	1	1	c09
.....uaucacagccagcuuugaugagcC.....	2	1	c09
.....uaucacagccagcuuugaugagcg.....	237	0	c09
.....uaucCcagccagcuuugaugagcg.....	1	1	c09
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.....Gaucacagccagcuuugaugagcg.....	17	1	c09
.....uaucacagccagcuuugauCagcg.....	1	1	c09
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.....Aaucacagccagcuuugaugagcg.....	3	1	c09
.....uaucacagccagcuuugaugagcgU.....	28	1	c09
.....uaucacagccagcuuugaugagcgc.....	1	0	c09
.....uaucacagccagcuuugaugagcCc.....	1	1	c09
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.....uaucacagccagcuuugaugagcgG.....	4	1	c09
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.....uaucacagccagcuuugaugagcgUc.....	1	1	c09
.....aucacagccagcuuugau.....	1	0	c09
.....auGacagccagcuuugauga.....	1	1	c09
.....aucacagccagcuuugauga.....	1	0	c09
.....aucacagccagcuuugaugag.....	7	0	c09
.....Cucacagccagcuuugaugag.....	1	1	c09
.....aucacagccagcuuugaugagc.....	2	0	c09
.....aucacagccagcuuugaugagcg.....	1	0	c09
.....ucaUagccagcuuugaug.....	1	1	c09
.....ucacagccagcuuAgaug.....	1	1	c09
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.....ucacagccagcuuugauC.....	5	1	c09
.....ucacagccagcuuugauU.....	5	1	c09
.....ucaAagccagcuuugaug.....	1	1	c09
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.....ucacagccagcuuugaugG.....	2	1	c09
.....ucacagccagcuuuUauga.....	1	1	c09
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.....ucGcagccagcuuugaugag.....	1	1	c09
.....ucacagccagcuuugaugaA.....	3	1	c09
.....ucacagccagcuuugaugaC.....	4	1	c09
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.....ucacagccagcuuugauCag.....	1	1	c09
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.....ucacagccagcuuugGugag.....	1	1	c09
.....ucacagccUgcuuugaugag.....	1	1	c09
.....Acacagccagcuuugaugag.....	6	1	c09

Star Mature

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.....ucacUgccagcuuugaugagc.....	1	1	c09
.....ucacagccagcuuugaugCgc.....	6	1	c09
.....ucacaUccagcuuugaugagc.....	2	1	c09
.....ucacagccagcAuugaugagc.....	1	1	c09
.....ucacagccagcuuugauCagc.....	2	1	c09
.....ucacagccagcuuugaugUgc.....	1	1	c09
.....ucacagccagcuuugaugaAc.....	3	1	c09
.....ucacagccagcuuugaugaCc.....	1	1	c09
.....ucacagccagcuuAgaugagc.....	3	1	c09
.....ucacagccagcuuugaugagA.....	11	1	c09
.....ucacagccagcuuugCugagc.....	1	1	c09
.....ucacCgccagcuuugaugagc.....	6	1	c09
.....ucacagccagcuuugaugagU.....	3	1	c09
.....uAacagccagcuuugaugagc.....	1	1	c09
.....ucacagccagcuuugaugagc.....	3033	0	c09
.....ucacagccagcuuugauUagc.....	1	1	c09
.....ucacaCccagcuuugaugagc.....	3	1	c09
.....ucGcagccagcuuugaugagc.....	2	1	c09
.....ucacagccagcuuugaAgagc.....	2	1	c09
.....Acacagccagcuuugaugagc.....	20	1	c09
.....ucacagccagcuuugUugagc.....	1	1	c09
.....ucacagccagcCuugaugagc.....	1	1	c09
.....ucCcagccagcuuugaugagc.....	5	1	c09
.....ucacagccagcuuCgaugagc.....	1	1	c09
.....ucaGagccagcuuugaugagc.....	1	1	c09
.....ucacagccagcuuugauAagc.....	1	1	c09
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.....ucacagccagcuuugaugGgc.....	1	1	c09
.....ucacagccagcGuugaugagc.....	1	1	c09
.....ucaAagccagcuuugaugagc.....	1	1	c09
.....ucacagccagcuuuUaugagc.....	2	1	c09
.....ucacagcAagcuuugaugagc.....	1	1	c09
.....ucacagccagcuuugaCgagc.....	1	1	c09
.....ucacagccagcuuGgaugagc.....	1	1	c09
.....ucacaAccagcuuugaugagc.....	1	1	c09
.....ucacagccagcuuuCaugagc.....	2	1	c09
.....ucacagccagcuCugaugagc.....	2	1	c09
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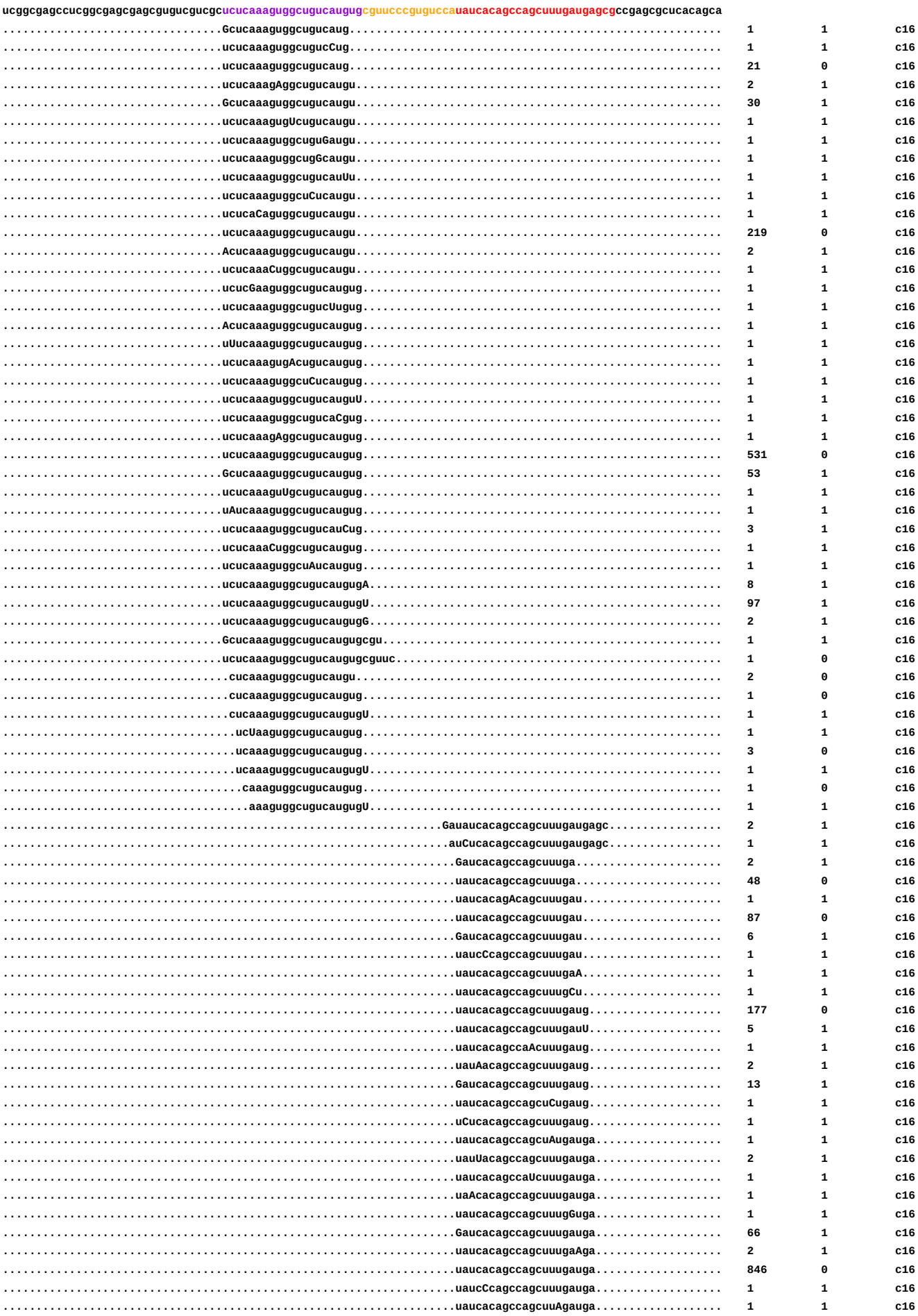
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Star Mature

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..............................ucucaaaguggcugucaugugc.....	3	0	c02
..............................ucucaaaguggcugucaugugcguuc.....	1	0	c02
..............................ucucaaaguggcugucaugugcguucccgugucca.....	1	0	c02
...............................cucaaaguggcugucaugug.....	3	0	c02
................................ucaaaguggcugucaugu.....	1	0	c02
.................................Gcaaaguggcugucaugug.....	1	1	c02
..................................caaaguggcugucaugug.....	1	0	c02
..................................caaaguggcugucaugugU.....	1	1	c02
....uaucacagccagcuuuga.....	22	0	c02
....Gaucacagccagcuuugau.....	1	1	c02
....uaucacagccagcuuugau.....	23	0	c02
....Gaucacagccagcuuugaug.....	12	1	c02
....uaucacagccagcuuugaug.....	150	0	c02
....uaucaAagccagcuuugaug.....	1	1	c02
....uaucacCgccagcuuugaug.....	1	1	c02
....uaucCcagccagcuuugaug.....	1	1	c02
....uaucacagccaCcuuugaug.....	1	1	c02
....uaucacagcGagcuuugauga.....	2	1	c02
....uaucaAagccagcuuugauga.....	2	1	c02
....uaucCcagccagcuuugauga.....	2	1	c02
....uaucacagccCgcuuugauga.....	1	1	c02
....Aaucacagccagcuuugauga.....	4	1	c02
....uaucacagccagGuuugauga.....	1	1	c02
....uaucacaCccagcuuugauga.....	1	1	c02
....uaucacagccagcuuugCuga.....	1	1	c02
....uauUacagccagcuuugauga.....	2	1	c02
....uaucacagccagcuuugaugU.....	1	1	c02
....uaucacagccagcuuAgauga.....	1	1	c02
....uUucacagccagcuuugauga.....	1	1	c02
....Gaucacagccagcuuugauga.....	53	1	c02
....uaucacagccagcuuugauCa.....	1	1	c02
....uaucacagcAagcuuugauga.....	1	1	c02
....uaucacagccagcuuugauga.....	525	0	c02

Star Mature

ucggcgagccucggcgagcgagcgugucgucgcucucaaaguggcugucaugugcguucccgugucauaucacagccagcuuugaugagcgccgagcgcucacagca

.....uaucacagccagcuuugaugaC.....	2	1	c02
.....uaucacagccagcuuugaugCg.....	2	1	c02
.....uaucacagUcagcuuugaugag.....	1	1	c02
.....uaucacagccagcuuugaugag.....	619	0	c02
.....uaucaAagccagcuuugaugag.....	1	1	c02
.....Aaucacagccagcuuugaugag.....	3	1	c02
.....uaucacagccagUuuugaugag.....	1	1	c02
.....uaucacaUccagcuuugaugag.....	1	1	c02
.....Gaucacagccagcuuugaugag.....	49	1	c02
.....uaucacagccagcuuugaugGg.....	1	1	c02
.....uaucUcagccagcuuugaugag.....	1	1	c02
.....uaucacagccagcuuugaugaU.....	10	1	c02
.....uaucacagccagcuuugaGgag.....	1	1	c02
.....uaucacagccagcuGugaugag.....	1	1	c02
.....uaucacaAccagcuuugaugag.....	1	1	c02
.....uauAacagccagcuuugaugag.....	1	1	c02
.....uaucacagccagcuAugaugag.....	1	1	c02
.....uGucacagccagcuuugaugag.....	1	1	c02
.....uaucCcagccagcuuugaugag.....	5	1	c02
.....uaucacCgccagcuuugaugag.....	2	1	c02
.....uaucacagccagcuuugaugaA.....	19	1	c02
.....uauUacagccagcuuugaugag.....	1	1	c02
.....uaAcacagccagcuuugaugag.....	1	1	c02
.....Caucacagccagcuuugaugag.....	1	1	c02
.....uaucacagccagcuuugUugag.....	3	1	c02
.....uaucacagccagcuuAgaugag.....	2	1	c02
.....uaucacagccagcuuugaCgag.....	1	1	c02
.....uaucacagcAagcuuugaugag.....	2	1	c02
.....uaucCcagccagcuuugaugagc.....	2	1	c02
.....uaucacagccagcuuugaugagA.....	12	1	c02
.....Aaucacagccagcuuugaugagc.....	1	1	c02
.....uaucacagccagcuuugaugagU.....	3	1	c02
.....uaucacagccagcuuCgaugagc.....	1	1	c02
.....uaucaUagccagcuuugaugagc.....	1	1	c02
.....uaucacagccagcuuuUaugagc.....	1	1	c02
.....uaucacagccagcuuugaugaUc.....	1	1	c02
.....uaucacagccagcuuugaugagc.....	255	0	c02
.....Gaucacagccagcuuugaugagc.....	27	1	c02
.....uaucacagccagcuuugaCgagc.....	1	1	c02
.....uaucacagccagcCuugaugagc.....	1	1	c02
.....uaucacCgccagcuuugaugagc.....	1	1	c02
.....uaucacagccagcuuugaugagcU.....	4	1	c02
.....uaucacagAcagcuuugaugagcg.....	1	1	c02
.....uaucacagccagcuuugaugagcg.....	154	0	c02
.....uaucacagccagcuuugaCgagcg.....	1	1	c02
.....uauAacagccagcuuugaugagcg.....	1	1	c02
.....Aaucacagccagcuuugaugagcg.....	1	1	c02
.....uauUacagccagcuuugaugagcg.....	1	1	c02
.....uaucacagccagcuuugaugaCcg.....	1	1	c02
.....Gaucacagccagcuuugaugagcg.....	10	1	c02
.....uaucacagccagcuuugaugagcgA.....	4	1	c02
.....uaucacagccagcuuugaugagcgU.....	70	1	c02
.....uaucacagccagcuuugaugagcgUc.....	1	1	c02
.....aucacagccagcuuugaug.....	2	0	c02
.....aucacagccagcuuugauga.....	1	0	c02
.....Cucacagccagcuuugauga.....	2	1	c02
.....auGacagccagcuuugauga.....	1	1	c02
.....Cucacagccagcuuugaugag.....	3	1	c02
.....aucacagccagcuuugaugag.....	1	0	c02
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.....aucacagccagcuuugaugagcU.....	1	1	c02
.....ucacagccagcuuugaug.....	71	0	c02
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.....uUacagccagcuuugaug.....	1	1	c02
.....Acacagccagcuuugauga.....	2	1	c02
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.....ucacagccagcuCugauga.....	1	1	c02
.....Gcacagccagcuuugauga.....	19	1	c02
.....ucacagccagcuuAgauga.....	1	1	c02
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Star Mature

ucggcgagccucggcgagcgagcgugucgucgcucucaaaguggcugucaugugcguucccgugucccauaucacagccagcuuugaugagcgccgagcgcucacagca

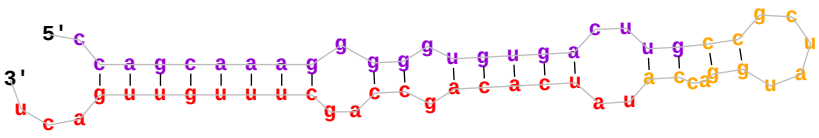
.....ucacagAcagcuuugauga.....	1	1	c02
.....ucacagccagAuuugauga.....	1	1	c02
.....ucacagccagAuuugaugag.....	1	1	c02
.....ucacagccagcuuugaCgag.....	1	1	c02
.....ucacagccagcuuugauUag.....	1	1	c02
.....ucacagccagcGuugaugag.....	1	1	c02
.....Acacagccagcuuugaugag.....	1	1	c02
.....ucacagccagcuuugaugag.....	1091	0	c02
.....ucacGgccagcuuugaugag.....	1	1	c02
.....ucacagccCgcuuugaugag.....	2	1	c02
.....ucacCgccagcuuugaugag.....	3	1	c02
.....ucCcagccagcuuugaugag.....	1	1	c02
.....ucacagcAagcuuugaugag.....	2	1	c02
.....ucacagccagcuuuCaugag.....	1	1	c02
.....ucacagccagcuuugaugaA.....	14	1	c02
.....ucacagccagcuuugauCag.....	2	1	c02
.....ucacagccGgcuuugaugag.....	2	1	c02
.....ucacaUccagcuuugaugag.....	2	1	c02
.....ucacagccagcuuugaugaC.....	1	1	c02
.....ucacagccagcuAugaugag.....	1	1	c02
.....ucacagccagcuuugaugCg.....	1	1	c02
.....ucacagAcagcuuugaugag.....	4	1	c02
.....ucacagccagcuuugUugag.....	1	1	c02
.....ucacagUcagcuuugaugag.....	2	1	c02
.....ucacagccagcuuugGugag.....	1	1	c02
.....Gcacagccagcuuugaugag.....	134	1	c02
.....ucacagccagcuAugaugagc.....	2	1	c02
.....ucacagccagcuuugCugagc.....	2	1	c02
.....ucacagccagcuuugaugaCc.....	1	1	c02
.....ucaAagccagcuuugaugagc.....	1	1	c02
.....ucacagccagcuuugaugaUc.....	3	1	c02
.....ucacagcUagcuuugaugagc.....	1	1	c02
.....ucacagccUgcuuugaugagc.....	1	1	c02
.....ucacagccagcuuugaAgagc.....	1	1	c02
.....ucCcagccagcuuugaugagc.....	6	1	c02
.....ucacGgccagcuuugaugagc.....	1	1	c02
.....ucacagccagcuuuUaugagc.....	1	1	c02
.....ucacagccagcuuAgaugagc.....	2	1	c02
.....Ccacagccagcuuugaugagc.....	1	1	c02
.....ucGcagccagcuuugaugagc.....	1	1	c02
.....ucacaUccagcuuugaugagc.....	1	1	c02
.....ucacagccagcCuugaugagc.....	1	1	c02
.....ucacagccagcuuugaugUgc.....	2	1	c02
.....Acacagccagcuuugaugagc.....	17	1	c02
.....ucacCgccagcuuugaugagc.....	20	1	c02
.....Gcacagccagcuuugaugagc.....	288	1	c02
.....ucacagccagcuuugaugagA.....	14	1	c02
.....ucacagccaCcuuugaugagc.....	1	1	c02
.....uAacagccagcuuugaugagc.....	1	1	c02
.....ucacagccagcuuugaCgagc.....	1	1	c02
.....ucacagUcagcuuugaugagc.....	3	1	c02
.....ucacagccagcuuugaGgagc.....	1	1	c02
.....ucacagccagcuCugaugagc.....	1	1	c02
.....ucaUagccagcuuugaugagc.....	5	1	c02
.....ucacagccagcGuugaugagc.....	1	1	c02
.....ucacaCccagcuuugaugagc.....	1	1	c02
.....ucacagccagcuuugaugagU.....	5	1	c02
.....ucacagccagAuuugaugagc.....	1	1	c02
.....ucacagccaUcuuugaugagc.....	2	1	c02
.....ucacagccagcuuuCaugagc.....	4	1	c02
.....ucacagAcagcuuugaugagc.....	12	1	c02
.....ucacagccagcuuugaugagc.....	2683	0	c02
.....ucacagccagcuuugauCagc.....	1	1	c02
.....uUacagccagcuuugaugagc.....	4	1	c02
.....ucacagccagcuuugaugagG.....	2	1	c02
.....ucacagcAagcuuugaugagc.....	7	1	c02
.....ucacagccagcuuugaugGgc.....	2	1	c02
.....ucacagccagcuuugaugCgc.....	5	1	c02
.....ucacagccCgcuuugaugagc.....	10	1	c02
.....ucacagccagcuGugaugagc.....	5	1	c02

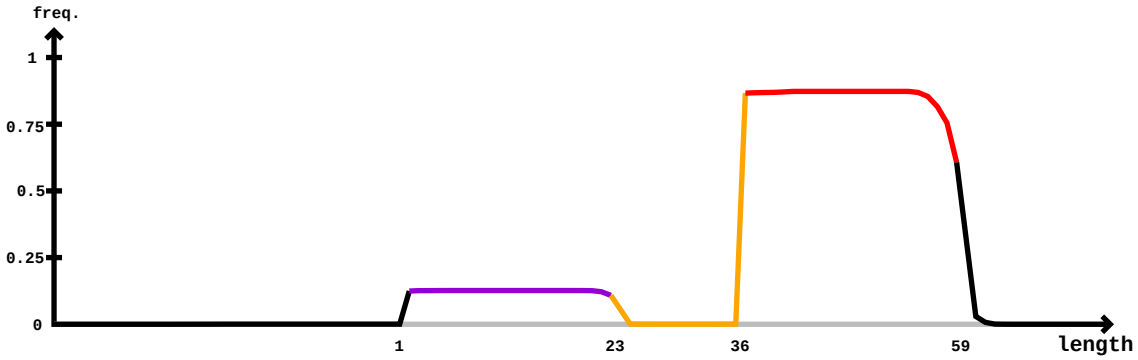
Star Mature

ucggcgagccucggcgagcgagcgugucgucgcucucaaaguggcugucaugugcguucccgugucauaucacagccagcuuugaugagcgccgagcgcucacagca

.....ucacaAccagcuuugaugagc.....	2	1	c02
.....ucacagccagcuuugauUagc.....	2	1	c02
.....ucacagccagcuuugaugagcC.....	8	1	c02
.....ucacagccagcuuugaugagcg.....	1	0	c02
.....ucacagccagcuuugaugagcU.....	5	1	c02
.....ucacagccagcuuugaugagcgG.....	1	1	c02
.....ucacagccagcuuugaugagcAc.....	28	1	c02
.....ucacagccagcuuugaugagcgUc.....	1	1	c02
.....cacagccagcuuugauga.....	8	0	c02
.....cacagccagcuuugaugag.....	6	0	c02
.....cacagccagcuuugaugagc.....	11	0	c02
.....Ccagccagcuuugaugag.....	10	1	c02
.....acagccagcuuugaugag.....	13	0	c02
.....acagccagcuuugaugagU.....	1	1	c02
.....acagccagcuuugaugagA.....	1	1	c02
.....Ccagccagcuuugaugagc.....	2	1	c02
.....acagccagcuuugaugagc.....	9	0	c02
.....Ccagccagcuuugaugagcg.....	1	1	c02
.....cagccagcuuugaugagc.....	11	0	c02
.....cagccagcuuugaugagcg.....	1	0	c02

Provisional ID	:	group4_7297
Score total	:	21582.1
Score for star read(s)	:	3.9
Score for read counts	:	21571.8
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	42324
Mature read count	:	36982
Loop read count	:	0
Star read count	:	5342





Star **Mature**

```
5'- gacuuaccgaagacaucggaucgcauccaaaguagccagcaaaggggugugacuugccgcuauggaccauaucacagccagcuuuguugacuucuuuggugcuauuu  -3'   obs
    gacuuaccgaagacaucggaucgcauccaaaguagccagcaaaggggugugacuugccgcuauggaccauaucacagccagcuuuguugacuucuuuggugcuauuu        exp
    ......((((.....))))...(((.(((((((.((.(((((((((.((.(((((..((((.....)).)).)))))).))..)))))))).)).)))))))).....  reads  mm  sample
    ............acaucggaucgcauccaaaguag.....................................................................  1      0   c16
    ............caucggaucgcauccaaaguag.....................................................................  2      0   c16
    ............ucggaucgcauccaaaguag.....................................................................  1      0   c16
    ............cggaucgcauccaaaguag.....................................................................  5      0   c16
    ................................ccagcaaaggggguguga.....................................................  2      0   c16
    ................................ccagcaaaggggugugac.....................................................  4      0   c16
    ................................ccagcaaaggggugugCcu....................................................  1      1   c16
    ................................ccagcaaagggCgugugacu...................................................  2      1   c16
    ................................ccagcaaaggggGgugacu....................................................  1      1   c16
    ................................ccagcaaaggggCugugacu...................................................  1      1   c16
    ................................ccagcaaaggggugugacu....................................................  65     0   c16
    ................................ccCgcaaaggggugugacuu...................................................  1      1   c16
    ................................ccagcaaUgggggugugacuu...................................................  1      1   c16
    ................................ccagcaaaggggugugacuG...................................................  1      1   c16
    ................................ccagcaaagCgggugugacuu...................................................  1      1   c16
    ................................ccagcaaagUgggugugacuu...................................................  1      1   c16
    ................................ccagcaaagggCugugacuu...................................................  1      1   c16
    ................................ccagcaaGgggggugugacuu...................................................  1      1   c16
    ................................ccagcaaaggggugugacuu...................................................  171    0   c16
    ................................cAagcaaaggggugugacuu...................................................  1      1   c16
    ................................ccagcaaaUgggugugacuu...................................................  1      1   c16
    ................................ccagcaaaggggugugGcuu...................................................  1      1   c16
    ................................ccGgcaaaggggugugacuug..................................................  1      1   c16
    ................................ccagcaaaggUgggugugacuug.................................................  2      1   c16
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    ................................ccagcaaaggggugugacuuA...................................................  3      1   c16
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    ................................ccagcaaaggggCugugacuug..................................................  2      1   c16
    ................................ccagcaaagCgggugugacuug..................................................  1      1   c16
    ................................ccagcaaCgggggugugacuug..................................................  1      1   c16
    ................................ccagcaaaggggugugacuuC...................................................  2      1   c16
    ................................ccagcaaaggggugugacuuU...................................................  104    1   c16
```

Star Mature

gacuuaccgaagacaucggaucgcauccaaaguagccagcaaaggggugugacuugccgcuauggaccauaucacagccagcuuuguugacuucuuuggugcuauuu

.....ccagcaaGgggggugugacuug.....	1	1	c16
.....ccagcaaaggggugugCcuug.....	1	1	c16
.....ccagcaaaggggugCgacuug.....	1	1	c16
.....ccagcaaaggggugugacuug.....	649	0	c16
.....ccCgcaaaggggugugacuug.....	1	1	c16
.....ccagcaaagggCgugugacuug.....	2	1	c16
.....ccagcaaaggggguCugacuug.....	1	1	c16
.....ccagcaaaggggugugacuugc.....	11	0	c16
.....ccagcaaaggggugugacuuUc.....	1	1	c16
.....ccagcaaaggggugugacuugG.....	2	1	c16
.....ccagcaaaggggugugacuugA.....	39	1	c16
.....ccagcaaaggggugugacuugU.....	1106	1	c16
.....ccagcaaaggggugugacuugUc.....	2	1	c16
.....ccagcaaaggggugugacuugGc.....	1	1	c16
.....ccagcaaaggggugugacuugccgcuauggacc.....	5	0	c16
.....ccagcaaaggggugugacuugccgcuauggaccU.....	2	1	c16
.....ccagcaaaggggugugacuugccgcuauggacca.....	6	0	c16
.....cagcaaaggggugugacuu.....	3	0	c16
.....cagcaaaggggugugacuuU.....	2	1	c16
.....cagcaaaggggugugacuuC.....	1	1	c16
.....cagcaaaggggugugacuug.....	6	0	c16
.....cagcaaaggggugugacuugU.....	10	1	c16
.....agcaaaggggugugacuuU.....	1	1	c16
.....agcaaaggggugugacuugU.....	1	1	c16
.....gcaaaggggugugacuug.....	5	0	c16
.....gcaaaggggugugacuugU.....	4	1	c16
.....caaaggggugugacuug.....	2	0	c16
.....caaaggggugugacuugU.....	1	1	c16
.....aaggggugugacuugUc.....	1	1	c16
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.....Aauaucacagccagcuuuguugacu.....	1	1	c16
.....Cuaucacagccagcuuuguugacu.....	1	1	c16
.....Gaucacagccagcuuugu.....	1	1	c16
.....uaucacGgccagcuuugu.....	1	1	c16
.....uaucacagccagcuuugu.....	30	0	c16
.....uaucacagccagcuuuguA.....	2	1	c16
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.....uaucacagccagcuuuguu.....	216	0	c16
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.....uaucacagccagcuuugCu.....	1	1	c16
.....uauGacagccagcuuuguu.....	1	1	c16
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.....uaucacagccagcuuuguAg.....	2	1	c16
.....uaucacagccagcuuCguug.....	1	1	c16
.....Gaucacagccagcuuuguug.....	31	1	c16
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.....uaucacagccagcuuuguuU.....	15	1	c16
.....uaucaUagccagcuuuguug.....	1	1	c16
.....uaucacagccagAuuuguug.....	1	1	c16
.....uaucacagccagcuuuguuUa.....	1	1	c16
.....uaucCcagccagcuuuguuga.....	2	1	c16
.....uaucacagccagcuuugGuga.....	1	1	c16
.....uaCcacagccagcuuuguuga.....	1	1	c16
.....uaucacaUccagcuuuguuga.....	1	1	c16
.....uCucacagccagcuuuguuga.....	1	1	c16
.....uaucacagccagcuuuguuga.....	440	0	c16

Star Mature

gacuuaccgaagacaucggaucgcauccaaaguagccagcaaaggggugugacuugccgcuauggaccauaucacagccagcuuuguugacuucuuuggugcuauuu

.....uaucacagccaUcuuuguuga.....	2	1	c16
.....uaucacagcUagcuuuguuga.....	1	1	c16
.....Gaucacagccagcuuuguuga.....	43	1	c16
.....uaucaAagccagcuuuguuga.....	2	1	c16
.....uaucacagccagcuuuguugU.....	4	1	c16
.....uaucacagAcagcuuuguuga.....	1	1	c16
.....uaucacagccagcuuuguugG.....	1	1	c16
.....uaucacagccagcuuuCuuga.....	1	1	c16
.....uaucacagccagcAuuguuga.....	2	1	c16
.....uaucacagccagcuuuguugC.....	1	1	c16
.....Aaucacagccagcuuuguuga.....	1	1	c16
.....uaucacagccCgcuuuguuga.....	2	1	c16
.....uaucacagccagcuuuguugac.....	496	0	c16
.....uaucacagccagcuuuguugaA.....	21	1	c16
.....Gaucacagccagcuuuguugac.....	50	1	c16
.....uaucacagccagcGuuguugac.....	2	1	c16
.....uaucaAagccagcuuuguugac.....	1	1	c16
.....uaucCcagccagcuuuguugac.....	2	1	c16
.....uaucacagccagcuuuCuugac.....	1	1	c16
.....uaucacagUcagcuuuguugac.....	1	1	c16
.....uaucacagccagcuuuguugCc.....	2	1	c16
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.....ccagcaaaggggugugacuugUc.....	16	1	c15
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.....cagcaaaggggugugacuu.....	4	0	c15
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.....uaucacagccagcuuugu.....	21	0	c15
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.....uaucacagccagcuuuguu.....	67	0	c15
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.....uaucacagccagcuuuguug.....	454	0	c15
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.....uaucacagccagcuuuguuU.....	130	1	c15
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.....uaucacagccagcuuuguugU.....	15	1	c15
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.....uaucacaAccagcuuuguuga.....	2	1	c15
.....uaucacagccagcuuuguuUa.....	2	1	c15
.....uaucacagUcagcuuuguuga.....	1	1	c15
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.....uaucacagccagcuuuguuga.....	732	0	c15
.....uaucacagccagcuuugCuga.....	1	1	c15
.....uaucacagccagcuuuguuCa.....	1	1	c15
.....uaucacagccagAuuuguuga.....	1	1	c15
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.....uaucacagccagcuuugGugac.....	21	1	c15
.....uaucacaCccagcuuuguugac.....	1	1	c15
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.....uaucacagccagcuCuguugac.....	1	1	c15
.....uGucacagccagcuuuguugac.....	2	1	c15
.....uaucacagccagcuuuUuugac.....	2	1	c15
.....uaucacagccagcuuugAugac.....	39	1	c15
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.....uaucacagccagcuuuguugUc.....	3	1	c15
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.....uaucacagccGgcuuuguugac.....	1	1	c15
.....uaucacagccagcuuuguAgac.....	1	1	c15
.....uaucacaUccagcuuuguugac.....	4	1	c15

Star Mature

gacuuaccgaagacaucggaucgcauccaaaguagccagcaaaggggugugacuugccgcuauggaccauaucacagccagcuuuguugacuucuuuggugcuauuu

.....Caucacagccagcuuuguugac.....	3	1	c15
.....uaucacagccagcuuuguugaU.....	3	1	c15
.....uaucaGagccagcuuuguugac.....	2	1	c15
.....uaucacGgccagcuuuguugac.....	1	1	c15
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.....uaucacagccagcuuuguuAac.....	4	1	c15
.....uaucaUagccagcuuuguugac.....	4	1	c15
.....uaucacagccagcuuuguugaG.....	3	1	c15
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.....uaucacagccagcuuuguuUac.....	1	1	c15
.....uauUacagccagcuuuguugac.....	4	1	c15
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.....uaucacagccUgcuuuguugac.....	2	1	c15
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.....uaucacagccagcuuuguugaUu.....	14	1	c15
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.....uaucacagccagcuuuguugaAu.....	5	1	c15
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.....uaucacagccagcuuAguugacu.....	3	1	c15
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.....uaucacagccagcuuuguugacA.....	335	1	c15
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.....uGucacagccagcuuuguugacu.....	15	1	c15
.....uaucaUagccagcuuuguugacu.....	7	1	c15
.....uaucacagccagcuuuguCgacu.....	2	1	c15
.....uaucacagccagcCuuguugacu.....	2	1	c15
.....uaucacagccagcGuuguugacu.....	3	1	c15
.....uaucacagccagcuuuguugGcu.....	1	1	c15
.....uaucacagccagcuuuguugaGu.....	1	1	c15

Star Mature

```
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.....................................................................uaucacagccaAcuuuguugacu.....  1   1   c15
.....................................................................uaucacagccagcuuuguugacuC.....  25  1   c15
.....................................................................uauUacagccagcuuuguugacuu.....  1   1   c15
.....................................................................uaucacagccagcuuuguugacuA.....  6   1   c15
.....................................................................uaucacagccagcuuuguugacuu.....  238 0   c15
.....................................................................uaucacagccGgcuuuguugacuu.....  1   1   c15
.....................................................................uaucacagccagcuuuguugacCu.....  1   1   c15
.....................................................................uaucacagccagcuuuguugacuuc.....  18  0   c15
.....................................................................uaucacagccagcuuuguugacuuU.....  559 1   c15
.....................................................................uaucacagccagcuuuguugacuCc.....  2   1   c15
.....................................................................uaucacagccagcuuuguugacuuA.....  10  1   c15
.....................................................................uaucacagccagcuuuguugacuuG.....  1   1   c15
.....................................................................uaucUcagccagcuuuguugacuuc.....  1   1   c15
.....................................................................uaucacagccagcuuuguugacuuAu.....  9   1   c15
.....................................................................uaucacagccagcuuuguugacuuUu.....  140 1   c15
.....................................................................uaucacagccagcuuuguugacuucA.....  4   1   c15
.....................................................................uaucacagccagcuuuguugacuucu.....  18  0   c15
.....................................................................uaucacagccagcuuuguugacuucG.....  1   1   c15
.....................................................................uaucacagccagcuuuguugacuucAu.....  1   1   c15
.....................................................................uaucacagccagcuuuguugacuuUuu.....  11  1   c15
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.................................ccagcaaagggggugugac....................................................  7   0   c02
.................................ccagcaaagggggugugacu...................................................  15  0   c02
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.................................ccagcaaagggggugugacuuU.................................................  16  1   c02
.................................ccagcaaaAggggugugacuug.................................................  1   1   c02
.................................ccagcaaagggggugugacuuA.................................................  2   1   c02
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.................................ccagcaaagggUgugugacuug..................................................  1   1   c02
.................................ccagcaaagggggugugacuugc.................................................  1   0   c02
.................................ccagcaaagggggugugacuugA.................................................  17  1   c02
.................................ccagcaaagggggugugacuugU.................................................  136 1   c02
.................................ccagcaaagggggugugacuugccgcuauU..........................................  1   1   c02
.................................ccagcaaagggggugugacuugccgcuauggacc.....................................  1   0   c02
...............................cagcaaagggggugugacuug.....................................................  2   0   c02
...............................cagcaaagggggugugacuugU....................................................  1   1   c02
.............................gcaaagggggugugacuug.......................................................  1   0   c02
.....................................................................auaucacagccagcuuuguugacu..........  1   0   c02
.....................................................................Gaucacagccagcuuugu................  8   1   c02
.....................................................................uaucacagccagcuuugu................  35  0   c02
.....................................................................uauUacagccagcuuugu................  1   1   c02
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.....................................................................uaucacaUccagcuuuguu...............  1   1   c02
.....................................................................uaucacagccagcuuuguu...............  173 0   c02
```

Star Mature

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.....uaucacagccagcuuuguuA.....	6	1	c02
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.....uaucacagccagcuuuguuC.....	2	1	c02
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.....uaucacagccagcuuuguugac.....	363	0	c02
.....uaucacagccagcuuuguugCc.....	2	1	c02
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.....uaucacagccagcuuugAugac.....	2	1	c02
.....uaucacagccagcuuuguugaU.....	4	1	c02
.....Caucacagccagcuuuguugac.....	1	1	c02
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.....uaucacCgccagcuuuguugac.....	1	1	c02
.....Gaucacagccagcuuuguugacu.....	194	1	c02
.....uaucacagccagUuuuguugacu.....	4	1	c02
.....uaucacagccCgcuuuguugacu.....	1	1	c02
.....uaucacagccagcuuuguuUacu.....	1	1	c02
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.....uaucGcagccagcuuuguugacu.....	2	1	c02
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.....uaucacagccagcuuugAugacu.....	1	1	c02
.....uauAacagccagcuuuguugacu.....	1	1	c02
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.....uaucacagccagcuuuguCgacu.....	2	1	c02
.....uaucacagccagcuuuguugCcu.....	8	1	c02
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.....uaucacagccagcuuuguuCacu.....	2	1	c02
.....uaucacagccaUcuuuguugacu.....	1	1	c02
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.....uaucacaUccagcuuuguugacu.....	1	1	c02
.....uaucCcagccagcuuuguugacu.....	3	1	c02
.....uaucacagccagAuuuguugacu.....	2	1	c02

Star Mature

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.....Aaucacagccagcuuuguugacu.....	8	1	c02
.....uaucaUagccagcuuuguugacu.....	2	1	c02
.....uaucacagccagcuuuguugacG.....	1	1	c02
.....uaucacagccagcCuuguugacu.....	2	1	c02
.....uaucacagccGgcuuuguugacu.....	1	1	c02
.....uaucacagcAagcuuuguugacu.....	1	1	c02
.....uaucacCgccagcuuuguugacu.....	3	1	c02
.....uaAcacagccagcuuuguugacu.....	2	1	c02
.....uaucacagccagcuuuCuugacu.....	1	1	c02
.....uaucacagccagcuuuguuAacu.....	1	1	c02
.....uaucacagccagcuuuguAgacu.....	1	1	c02
.....Caucacagccagcuuuguugacu.....	1	1	c02
.....uaucacagccagcuuuguugacA.....	8	1	c02
.....uaucacagccagcuuuguugacuA.....	3	1	c02
.....uaucacagAcagcuuuguugacuu.....	1	1	c02
.....uaucacagccagcuuuguugacuu.....	30	0	c02
.....Gaucacagccagcuuuguugacuu.....	3	1	c02
.....uaucacagccagcuuuguugacuC.....	10	1	c02
.....Aaucacagccagcuuuguugacuu.....	1	1	c02
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.....uaucacagccagcuuuguugacuuA.....	1	1	c02
.....uaucacagccagcuuuguugacuuU.....	67	1	c02
.....uaucacagccagcuuuguugacuuUu.....	27	1	c02
.....uaucacagccagcuuuguugacuuAu.....	2	1	c02
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.....aucacagccagcuuuguuga.....	1	0	c02
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.....ucacagccagcuuugAugac.....	1	1	c02
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.....ucacagccagcuuuguugacu.....	2	0	c02
.....cacagccagcuuuguuga.....	2	0	c02
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.....cacagccagcuuuguugacuuU.....	1	1	c02
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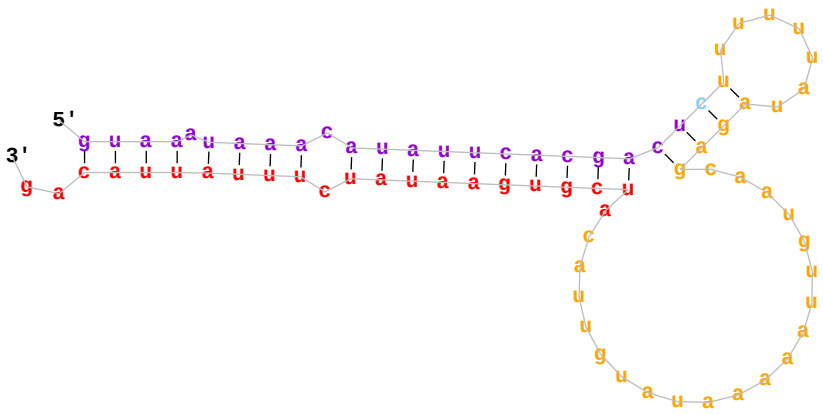
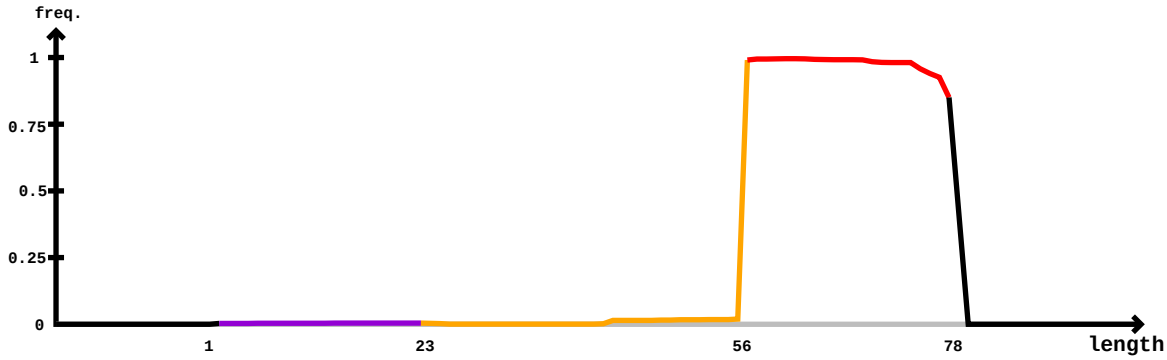
.....acagccagcuuuguugac.....	1	0	c02
.....Ccagccagcuuuguugacu.....	3	1	c02
.....acagccagcuuuguugacu.....	4	0	c02
.....cagccagcuuuguugacu.....	10	0	c02
.....cagccagcuuuguugacuG.....	1	1	c02

Provisional ID	:	group4_7307
Score total	:	793.4
Score for star read(s)	:	3.9
Score for read counts	:	789.3
Score for mfe	:	-0.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1560
Mature read count	:	1554
Loop read count	:	0
Star read count	:	6





Star Mature

```
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    gaggauccgaggaugguaaauaaacauauucacgacucuuuuuuauagagcaauguuaaaaauauguuacaucgugaauaucuuuauuacagGCCCUCCAGUCCCACCGCG      exp
    (.((((..((((...((((.((((.(((((((((((((.......)))).....................)))))))))).)))))))).....))))..))))).....   reads   mm   sample
    ..............guaaauaaacauauucacgacucu.....................................................................   1       0    c09
    ..........................................uaaaaauauguuacaucgugaauaucuu.....................................   1       0    c09
    ..................................................aucgugaauaucuuuauu.....................................   14      0    c09
    ..................................................aucgugaauaucuuuauua....................................   8       0    c09
    ..................................................aucgugaauaucuuuauuac...................................   2       0    c09
    ..................................................Cucgugaauaucuuuauuac...................................   1       1    c09
    ..................................................Cucgugaauaucuuuauuaca..................................   1       1    c09
    ..................................................aucgugaauaucuuuauuaUca.................................   1       1    c09
    ..................................................aucgugaauaucuuuauuaca..................................   14      0    c09
    ..................................................aucgugaauaucuuuauuacaU.................................   1       1    c09
    ..................................................Cucgugaauaucuuuauuacag.................................   1       1    c09
    ..................................................aucgugaauaucuuuauuacaC.................................   1       1    c09
    ..................................................aucgugaauaucuuuauuacag.................................   79      0    c09
    ..................................................aucgugaauaucuuuauuacagU................................   8       1    c09
    ..................................................aucgugaauaucuuuauuacagA................................   6       1    c09
    ..................................................ucgugaauaucuuuauuac....................................   2       0    c09

    ..........................................uaaaaauauguuacaucguU.....................................   1       1    c04
    ..........................................uaaaaauauguuacaucguga....................................   1       0    c04
    ..........................................uaaaaauauguuacaucgugaauaucuuu............................   1       0    c04
    ..........................................uaaaaauauguuacaucgugaauaucuuuauuacag.....................   1       0    c04
    ..................................................auguuacaucgugaauaucu....................................   1       0    c04
    ..................................................aucgugaauaucuuuauu.....................................   4       0    c04
    ..................................................aucgugaauaucuuuauua....................................   5       0    c04
    ..................................................aucgugaauaucuuuauuC....................................   1       1    c04
    ..................................................aucgugaauaucuuuauuac...................................   2       0    c04
    ..................................................aucgugaauaucuuuauuacU..................................   1       1    c04
    ..................................................aucgugaauaucuuuauuaca..................................   5       0    c04
    ..................................................aucgugaauaucuuuauuacag.................................   117     0    c04
    ..................................................Uucgugaauaucuuuauuacag.................................   1       1    c04
    ..................................................Cucgugaauaucuuuauuacag.................................   3       1    c04
    ..................................................aucgugaauaucuuuauuacagg................................   1       0    c04
    ..................................................aucgugaauaucuuuauuacagA................................   4       1    c04
```

Star Mature

gaggauccgaggaugguaaauaaacauauucacgacuuuuuuuauagagcaauguuaaaaauauguuacaucgugaauaucuuuauuacagucccuccaguccaccgcg

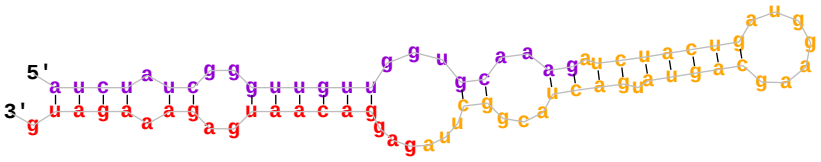
.....aucgugaauaucuuuauuacagU.....	7	1	c04
.....ugaauaucuuuauuacag.....	1	0	c04
.....guaaauaaacauauucacgacu.....	3	0	c16
.....guaaauaaacauauucacgacucu.....	1	0	c16
.....auaaacauauucacgacucu.....	1	0	c16
.....auucacgacucuuuuuuauagagcaaugu.....	1	0	c16
.....uaaaaauauguuacaucgugaauaucu.....	3	0	c16
.....uaaaaauauguuacaucgugaauaucuu.....	1	0	c16
.....uaaaaauauguuacaucgugaauaucuuuauu.....	1	0	c16
.....auauguuacaucgugaauaucuu.....	2	0	c16
.....auguuacaucgugaauaucuuuauuacag.....	1	0	c16
.....aucgugaauaucuuuauu.....	7	0	c16
.....Cucgugaauaucuuuauua.....	1	1	c16
.....aucgugaauaucuuuauua.....	2	0	c16
.....aucgugaauaucuuuauuac.....	8	0	c16
.....Cucgugaauaucuuuauuac.....	2	1	c16
.....aucgugaauaucuuuauuaca.....	9	0	c16
.....Cucgugaauaucuuuauuaca.....	1	1	c16
.....aucUugaauaucuuuauuacag.....	1	1	c16
.....aucgugaauaucuuuauuacaA.....	2	1	c16
.....aucgugaauaucuuuauuacag.....	146	0	c16
.....auAgugaauaucuuuauuacag.....	1	1	c16
.....Cucgugaauaucuuuauuacag.....	20	1	c16
.....auUgugaauaucuuuauuacag.....	1	1	c16
.....aucgugaauaucuuuauuacaU.....	2	1	c16
.....aucgugaauaucuAuauuacag.....	1	1	c16
.....aucgugaauaucuuuUuuacag.....	1	1	c16
.....aucgugaauaucuuuauuacagA.....	7	1	c16
.....aucgugaauaucuuuauuacagU.....	27	1	c16
.....ucgugaauaucuuuauua.....	1	0	c16
.....ucgugaauaucuuuauuacagU.....	1	1	c16
.....uaaaaauauguuacaucgugaa.....	1	0	c15
.....uaaaaauauguuacaucgugaau.....	1	0	c15
.....uaaaaauauguuacaucgugaauauU.....	1	1	c15
.....uaaaaauauguuacaucgugaauaucu.....	4	0	c15
.....uaaaaauauguuacaucgugaauaucC.....	1	1	c15
.....uaaaaauauguuacaucgugaauaucuuuauu.....	1	0	c15
.....caucgugaauaucuuuauuac.....	1	0	c15
.....caucgugaauaucuuuauuaca.....	2	0	c15
.....aucgugaauaucuuuauu.....	5	0	c15
.....aucgugaauaucuuuauua.....	6	0	c15
.....aucgugaauaucuuuauuac.....	2	0	c15
.....aucgugaauaucuuuauuaca.....	78	0	c15
.....aAcgugaauaucuuuauuacag.....	1	1	c15
.....aucgugaauaucuuuaGuacag.....	1	1	c15
.....aucguAaauaucuuuauuacag.....	1	1	c15
.....aCcgugaauaucuuuauuacag.....	2	1	c15
.....aucgugaauaucuuuauuaGag.....	1	1	c15
.....aucAugaauaucuuuauuacag.....	2	1	c15
.....aucgugaauaucuuuauuacaU.....	5	1	c15
.....aucgugaauaucuuuaAuacag.....	1	1	c15
.....aGcgugaauaucuuuauuacag.....	1	1	c15
.....Gucgugaauaucuuuauuacag.....	1	1	c15
.....aucgugaauaucuuuauuacaA.....	19	1	c15
.....aucgugaauaucuuuauuacaC.....	9	1	c15
.....aucgugaauaucuuuauuacag.....	753	0	c15
.....aucgugaauaucuuuauuacagC.....	2	1	c15
.....aucgugaauaucuuuauuacagU.....	4	1	c15
.....aucgugaauaucuuuauuacagA.....	3	1	c15
.....ucgugaauaucuuuauuacagU.....	2	1	c15
.....uuaaaaauauguuacaucguga.....	2	0	c02
.....Gaaaaauauguuacaucgugaauaucu.....	1	1	c02
.....uaaaaauauguuacaucgugaauaucu.....	1	0	c02
.....uuacaucgugaauaucuuuauuacag.....	1	0	c02
.....aucgugaauaucuuuauu.....	4	0	c02
.....aucgugaaCaucuuuauu.....	1	1	c02
.....aucgugaauaucuuuauua.....	3	0	c02

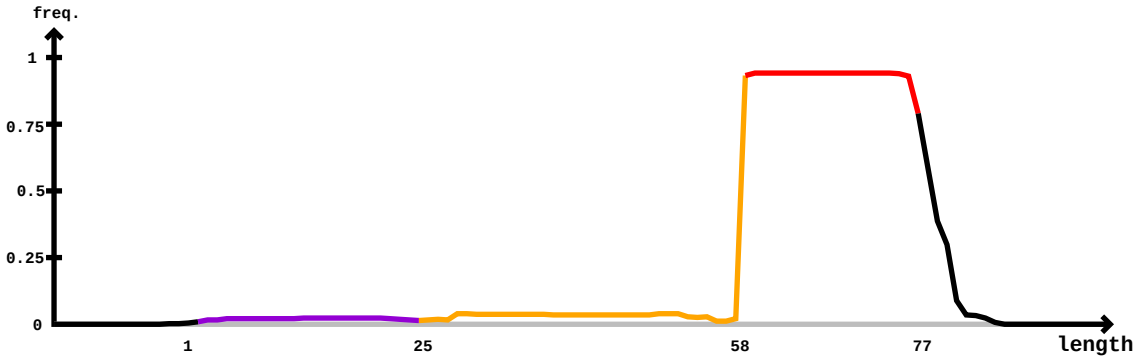
Star Mature

gaggauccgaggauggguaaauaaacauauucacgacucuuuuuuauagagcaauguuaaaaauauguuacaucgugaauaucuuuauuacaggcccuccagucccaccgcg

.....aucguUaauaucuuuauua.....	1	1	c02
.....aucgugaauaucuuuauuac.....	3	0	c02
.....aucgugaauaucuuuauuaca.....	8	0	c02
.....aucgugaauaucuuuauuacag.....	70	0	c02
.....aucgAgaauaucuuuauuacag.....	1	1	c02
.....aucguUaauaucuuuauuacag.....	1	1	c02
.....Cucgugaauaucuuuauuacag.....	7	1	c02
.....aucgugaauCucuuuauuacag.....	1	1	c02
.....aucgugaauaucuuuauuacagA.....	4	1	c02
.....aucgugaauaucuuuauuacagU.....	14	1	c02
.....aucgugaauaucuuuauuacagC.....	1	1	c02
.....gugaauaucuuuauuacagU.....	1	1	c02

Provisional ID	:	group4_7409
Score total	:	193.5
Score for star read(s)	:	3.9
Score for read counts	:	201
Score for mfe	:	-8.5
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	406
Mature read count	:	385
Loop read count	:	15
Star read count	:	6





Star **Mature**

```
5'- guagaacgaauaaaucuaucggguuguuggugcaaagaucuacugauggaagcaguaugacuacggcuuagaggacaaugagaaagauguuuuuggaggauguaaucu  -3'   obs
    guagaacgaauaaaucuaucggguuguuggugcaaagaucuacugauggaagcaguaugacuacggcuuagaggacaaugagaaagauguuuuuggaggauguaaucu        exp
    ......((((...((((.((..((((((...((..((.(((((((.......)))))).))))...))......))))))..)).))))...))))..............  reads    mm       sample
    ..............ucuaucggguuguuggugcaaagaA.....................................................................  1        1        c04
    ........................uguuggugcaaagaucuacugaugga.....................................................................  1        0        c04
    ........................................uacugauggaagcaguaugacuacg.....................................................................  1        0        c04
    ........................................uacugauggaagcaguaugacuacggc.....................................................................  4        0        c04
    ..............................................................gaggacaaugagaaagaug.....................................................  1        0        c04
    ..............................................................gaggacaaugagaaagauguuuuu................................  1        0        c04
    ..............................................................gaggacaaugagaaagauguuuuug................................  2        0        c04
    ..............................................................gaggacaaugagaaagauguuuuugga..............................  1        0        c04

    ..........uaaaucuaucggguuguuggugcaa.....................................................................  1        0        c16
    ..............aucuaucggguuguuggugcaaag.....................................................................  2        0        c16
    ..............ucuaucggguuguuggugcaaa.....................................................................  1        0        c16
    ..............ucuaucggguuguuggugcaaaga.....................................................................  1        0        c16
    ................uaucggguuguuggugcaaagaucua.....................................................................  1        0        c16
    ....................................ucuacugauggaagcaguaugacuac.....................................................................  4        0        c16
    ....................................Gcuacugauggaagcaguaugacuac.....................................................................  1        1        c16
    ........................................uacugauggaagcaguaugacuacg.....................................................................  1        0        c16
    ........................................uacugauggaagcaguaugacuacggc.....................................................................  4        0        c16
    ..............................................................uacggcuuagaggacaaugagaaaga.....................................  1        0        c16
    ..............................................................Gacggcuuagaggacaaugagaaaga.....................................  1        1        c16
    ..................................................................gcuuCgaggacaaugagaaagau.....................................  1        1        c16
    ....................................................................cuuCgaggacaaugagaaaga.....................................  1        1        c16
    ......................................................................uuCgaggacaaugagaaag.....................................  1        1        c16
    ..........................................................................Cgaggacaaugagaaaga.....................................  1        1        c16
    ..........................................................................Cgaggacaaugagaaagau.....................................  1        1        c16
    ..........................................................................Cgaggacaaugagaaagaug.....................................  2        1        c16
    ..........................................................................Caggacaaugagaaagau.....................................  2        1        c16
    ..............................................................gaggacaaugagaaagau.....................................  56       0        c16
    ..............................................................gaggacaaugagaaagaug.....................................  96       0        c16
    ..............................................................Caggacaaugagaaagaug.....................................  1        1        c16
    ..............................................................gaggacaaugagaaagauU.....................................  1        1        c16
    ..............................................................gaggacaaugagaaagaGg.....................................  1        1        c16
    ..............................................................gaggacaaugagaaagaugG.....................................  1        1        c16
```

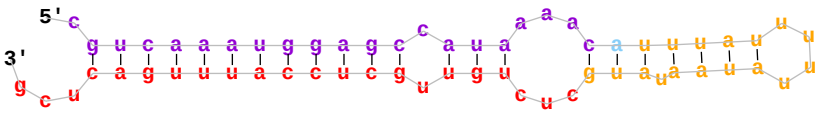
Star Mature

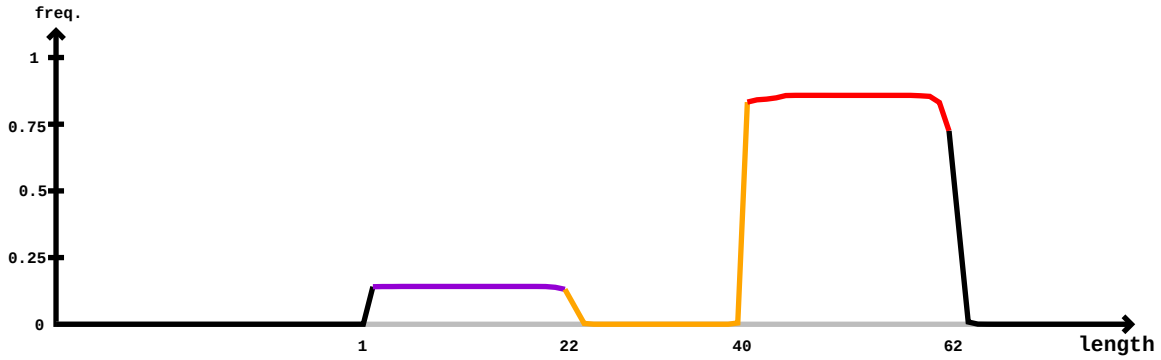
guagaacgaauaaaucuaucggguuguuggugcaaagaucuacugauggaagcaguaugacuacggcuuagaggacaaugagaaagauguuuuuggaggauguaaucu

.....gaggacaaugagaaagaugA.....	68	1	c16
.....gaggacaaugagaaagaugC.....	1	1	c16
.....gaggacaaugagaaagaugAu.....	37	1	c16
.....gaggacaaugagaaagaugAuu.....	88	1	c16
.....gaggacaaugagaaagaugAuuu.....	23	1	c16
.....gaggacaaugagaaagauguuuuug.....	2	0	c16
.....gaCgacaaugagaaagauguuuuugg.....	1	1	c16
.....gaggacaaugagaaagaugAuuuugg.....	1	1	c16
.....gaggacaaugagaaagauguuuuugg.....	5	0	c16
.....gaggacaaugagaaagauguuuuugga.....	1	0	c16
.....gaggacaaugagaaagaugAuuuugga.....	1	1	c16
.....aggacaaugagaaagaug.....	1	0	c16
.....aggacaaugagaaagaugAu.....	1	1	c16
.....aggacaaugagaaagaugAuu.....	2	1	c16

...........aaucuaucggguuguuggugc.....	1	0	c15
.............uauUgggguuguuggugca.....	1	1	c15

Provisional ID	:	group4_7857
Score total	:	8266.6
Score for star read(s)	:	3.9
Score for read counts	:	8260.3
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	16214
Mature read count	:	13914
Loop read count	:	0
Star read count	:	2300





Star **Mature**

```
5'- gaagaggcgaagucaccuugucauguggucgcgucaaauggagccauaaaacauuuauuuuuauaauaugcucuguugcuccauuugacucgucccccugacacaugcuc  -3'   obs
    gaagaggcgaagucaccuugucauguggucgcgucaaauggagccauaaaacauuuauuuuuauaauaugcucuguugcuccauuugacucgucccccugacacaugcuc        exp
    ...((((.(....).))))((((.(.((.((.(((((((((((.(((...(((((((....)))).)))...))).)))))))))))).)).)).).))))........   reads   mm   sample
    ............................Ugucaaauggagccauaa.....................................................................   1       1    c02
    ............................Ugucaaauggagccauaaa....................................................................   5       1    c02
    ............................Ggucaaauggagccauaaa....................................................................   1       1    c02
    ............................cgucaaauggagccauaaaa...................................................................   2       0    c02
    ............................Ugucaaauggagccauaaaa...................................................................   9       1    c02
    ............................cgucaaauggagccauaaaac..................................................................   13      0    c02
    ............................cCucaaauggagccauaaaac..................................................................   1       1    c02
    ............................Ugucaaauggagccauaaaac..................................................................   63      1    c02
    ............................Ggucaaauggagccauaaaac..................................................................   6       1    c02
    ............................cUucaaauggagccauaaaac..................................................................   1       1    c02
    ............................cgucaaauggagccauaaaaca.................................................................   5       0    c02
    ............................Ugucaaauggagccauaaaaca.................................................................   44      1    c02
    ............................cgucaaauggagccauaaaacU.................................................................   2       1    c02
    ............................Agucaaauggagccauaaaaca.................................................................   1       1    c02
    ............................Ggucaaauggagccauaaaaca.................................................................   2       1    c02
    ............................Ggucaaauggagccauaaaacau................................................................   1       1    c02
    ............................Ugucaaauggagccauaaaacau................................................................   1       1    c02
    ................................caaauggagccauaaaac.................................................................   2       0    c02
    ................................caaauggagccauaaaaca................................................................   1       0    c02
    ..................................aaGuggagccauaaaacauu..............................................................   1       1    c02
    ....................................................................gcucuguugcuccauuugacucg.....................   7       0    c02
    ....................................................................cucuguugcuccauuuga..........................   5       0    c02
    ....................................................................cucuguugcuccauuugac.........................   11      0    c02
    ....................................................................cucuguugcuccauuugaA.........................   1       1    c02
    ....................................................................cucuguugcuccauuugacu........................   62      0    c02
    ....................................................................cucuguugcAccauuugacu........................   1       1    c02
    ....................................................................cucuguugcuccauAugacuc.......................   2       1    c02
    ....................................................................cuAuguugcuccauuugacuc.......................   1       1    c02
    ....................................................................cucuguuCcuccauuugacuc.......................   2       1    c02
    ....................................................................Gucuguugcuccauuugacuc.......................   1       1    c02
    ....................................................................cucuguugcuccGuuugacuc.......................   1       1    c02
    ....................................................................cucuguugcuccauuugacuU.......................   5       1    c02
    ....................................................................cucuguugcuccauuugacuc.......................   448     0    c02
```

Star Mature

gaagaggcgaagucaccuugucauguggucgcgucaaauggagccauaaaacauuuauuuuuauaauaugcucuguugcuccauuugacucgucccccugacacaugcuc

.....cucuguugcuccauuCgacuc.....	1	1	c02
.....cucuguugcucAauuugacuc.....	1	1	c02
.....cucuguugcuccauuugacuA.....	1	1	c02
.....cucuguugcuccauuugCcuc.....	2	1	c02
.....cucuguugcuccauuugaAuc.....	2	1	c02
.....cucCguugcuccauuugacucg.....	2	1	c02
.....cucuguugcucAauuugacucg.....	3	1	c02
.....cucuguCgcuccauuugacucg.....	1	1	c02
.....cCcuguugcuccauuugacucg.....	2	1	c02
.....cucuguugcuccauAugacucg.....	3	1	c02
.....cucuguugcuccauuuCacucg.....	6	1	c02
.....cucuguugcucuccaAuugacucg.....	2	1	c02
.....cucuguugcGccauuugacucg.....	1	1	c02
.....cucuguugcuccauuugCcucg.....	7	1	c02
.....cucuguugcuccauuugacuAg.....	1	1	c02
.....cucuguugAuccauuugacucg.....	2	1	c02
.....cucuguugcuccauuugacAcg.....	1	1	c02
.....cucuguugcuUcauuugacucg.....	2	1	c02
.....cucuguugcuccCuuugacucg.....	1	1	c02
.....Uucuguugcuccauuugacucg.....	1	1	c02
.....cucuguugcuGcauuugacucg.....	1	1	c02
.....cucuguuAcuccauuugacucg.....	2	1	c02
.....cucuguugcuccauuuUacucg.....	1	1	c02
.....cucuguugcuccauuugacucA.....	3	1	c02
.....cucuCuugcuccauuugacucg.....	3	1	c02
.....cucuguugcuAcauuugacucg.....	6	1	c02
.....cucuguugcuccauuugacucU.....	34	1	c02
.....cucuguugcuccauuugaAucg.....	2	1	c02
.....cucugCugcuccauuugacucg.....	1	1	c02
.....cucuguugcuccauuAgacucg.....	3	1	c02
.....cucugAugcuccauuugacucg.....	5	1	c02
.....cucuguugUuccauuugacucg.....	1	1	c02
.....cucuguugcuccauuugacucg.....	1813	0	c02
.....cuAuguugcuccauuugacucg.....	1	1	c02
.....cucuguuCcuccauuugacucg.....	6	1	c02
.....cucuguugcuccaGuugacucg.....	1	1	c02
.....cucuAuugcuccauuugacucg.....	1	1	c02
.....cucuguAgcuccauuugacucg.....	1	1	c02
.....cucuguugcCccauuugacucg.....	1	1	c02
.....cucuguugcucUauuugacucg.....	2	1	c02
.....cucuguugcuccauuugacuGg.....	1	1	c02
.....cAcuguugcuccauuugacucg.....	1	1	c02
.....cucuguuUcuccauuugacucg.....	1	1	c02
.....cucuguugcuccauuugaAucgu.....	1	1	c02
.....cucuguugcuccauuugacucgG.....	1	1	c02
.....cucuCuugcuccauuugacucgu.....	1	1	c02
.....cucuguugAuccauuugacucgu.....	2	1	c02
.....cucuguugcuccauuugacucgC.....	6	1	c02
.....cucuguugcuccauuugacuAgu.....	2	1	c02
.....cuAuguugcuccauuugacucgu.....	1	1	c02
.....cCcuguugcuccauuugacucgu.....	1	1	c02
.....cucAguugcuccauuugacucgu.....	4	1	c02
.....cucugAugcuccauuugacucgu.....	2	1	c02
.....cucuguugcuccauuugacucgA.....	20	1	c02
.....cucuguuCcuccauuugacucgu.....	1	1	c02
.....cucuguugcuccauuugacucAu.....	1	1	c02
.....cucGguugcuccauuugacucgu.....	1	1	c02
.....cucuguugcuccauuugacucUu.....	1	1	c02
.....cucuguugcuccaGuugacucgu.....	1	1	c02
.....cucuguugcuccauuugacucgu.....	646	0	c02
.....cucuguugcuccauuugCcucgu.....	4	1	c02
.....cucuguugcuccaAuugacucgu.....	1	1	c02
.....cucuguugcuccauuugacucCu.....	2	1	c02
.....cucuguugcuccauuugacucgGc.....	1	1	c02
.....cucuguugcuccauuugacucguU.....	19	1	c02
.....cucuguugcuccauuugacucguA.....	5	1	c02
.....ucuguugcuccauuugacuc.....	1	0	c02
.....ucuAuugcuccauuugacucg.....	1	1	c02
.....ucuguugcuccauuugacucg.....	21	0	c02
.....ucuguugcuccauuugacucgu.....	9	0	c02

Star Mature

gaagaggcgaagucaccuugucaugguggucgcgucaaauggagccauaaaacauuuauuuuuauaauaugcucuguugcuccauuugacucgucccccugacacaugcuc

.....ucuguugcuccauuugacucgA.....	1	1	c02
.....ucuAuugcuccauuugacucgu.....	2	1	c02
.....cuguugcuccauuugacu.....	1	0	c02
.....cuAuugcuccauuugacucg.....	6	1	c02
.....cuguugcuccauuugacucg.....	5	0	c02
.....cuAuugcuccauuugacucgu.....	1	1	c02
.....uguugcuccauuugacuc.....	1	0	c02
.....uAuugcuccauuugacuc.....	2	1	c02
.....uAuugcuccauuugacucg.....	14	1	c02
.....uguugcuccauuugacucg.....	4	0	c02
.....uguugcuccauuugacuUgu.....	1	1	c02
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.....uAuugcuccauuugacucgu.....	4	1	c02
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.....cgucaaauggagccauaaaacU.....	7	1	c09
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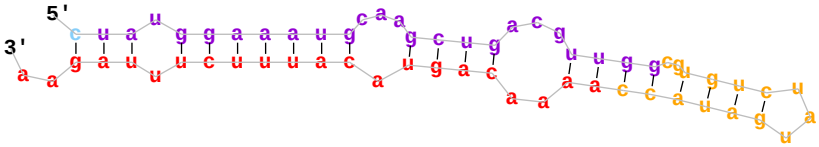
.....Ggucaaauggagccauaaaaca.....	1	1	c09
.....cgucaaauggagccauaaaaca.....	12	0	c09
.....cgucaaauggagccauaaaacau.....	2	0	c09
.....Ugucaaauggagccauaaaacau.....	2	1	c09
.....cgucaaauggagccauaaaacUu.....	1	1	c09
.....gcucuguugcuccauuugacucg.....	9	0	c09
.....gcucuguugcuccauuugacucA.....	1	1	c09
.....cucuguugcuccauuuga.....	2	0	c09
.....cucuguugcuccauuugac.....	5	0	c09
.....cucuguugcuccauuugCcu.....	1	1	c09
.....cucuguugcuccauuugacu.....	46	0	c09
.....cucuguugcuccauuugacG.....	1	1	c09
.....cucuguugcuccauuugacuU.....	3	1	c09
.....cucuguugcuUcauuugacuc.....	1	1	c09
.....cucuAuugcuccauuugacuc.....	1	1	c09
.....cucuguuCcuccauuugacuc.....	1	1	c09
.....cuAuguugcuccauuugacuc.....	1	1	c09
.....cucuguugcuccauuugacCc.....	2	1	c09
.....cucuguugcuccauuugCcuc.....	1	1	c09
.....cucuguCgcuccauuugacuc.....	1	1	c09
.....cucuguugcuccauuugacuc.....	246	0	c09
.....cucuguugAuccauuugacuc.....	1	1	c09
.....cucuCuugcuccauuugacucg.....	4	1	c09
.....cuAuguugcuccauuugacucg.....	1	1	c09
.....cucuguugGuccauuugacucg.....	1	1	c09
.....cucuguugcuccauuuCacucg.....	1	1	c09
.....cucuguugcuccauuugacuAg.....	1	1	c09
.....cucuguugcuccauuugacCcg.....	1	1	c09
.....cucuguugcuccauuAgacucg.....	2	1	c09
.....cAcuguugcuccauuugacucg.....	2	1	c09
.....cucuguugcuccauuCgacucg.....	1	1	c09
.....cucugCugcuccauuugacucg.....	1	1	c09
.....cucuguuCcuccauuugacucg.....	1	1	c09
.....cucuguugcuccauuugacucg.....	856	0	c09
.....cucuguugcuccauuugacucA.....	2	1	c09
.....cucuguAgcuccauuugacucg.....	2	1	c09
.....cucuguugcuccauuugacucU.....	15	1	c09
.....cucuguCgcuccauuugacucg.....	2	1	c09
.....cucuguugcuccCuuugacucg.....	1	1	c09
.....cGcuguugcuccauuugacucg.....	1	1	c09
.....cucuguugcuccauuuUacucg.....	1	1	c09
.....cucuguugcucAauuugacucg.....	1	1	c09
.....cucuguugcucGauuugacucg.....	1	1	c09
.....cuAuguugcuccauuugacucgu.....	1	1	c09
.....cucuguugcuccauuugacucgu.....	268	0	c09
.....cucuguugcuccauuugacucUu.....	4	1	c09
.....cucuguugcucAauuugacucgu.....	1	1	c09
.....cucuguugcuccaCuugacucgu.....	1	1	c09
.....cucuguugcuccauuCgacucgu.....	1	1	c09
.....cucuguugcuccauuugCcucgu.....	1	1	c09
.....cucuguugcuccauuugacucgA.....	16	1	c09
.....cucuguugcuccauuugacucgC.....	7	1	c09
.....Uucuguugcuccauuugacucgu.....	1	1	c09
.....cucuguugAuccauuugacucgu.....	1	1	c09

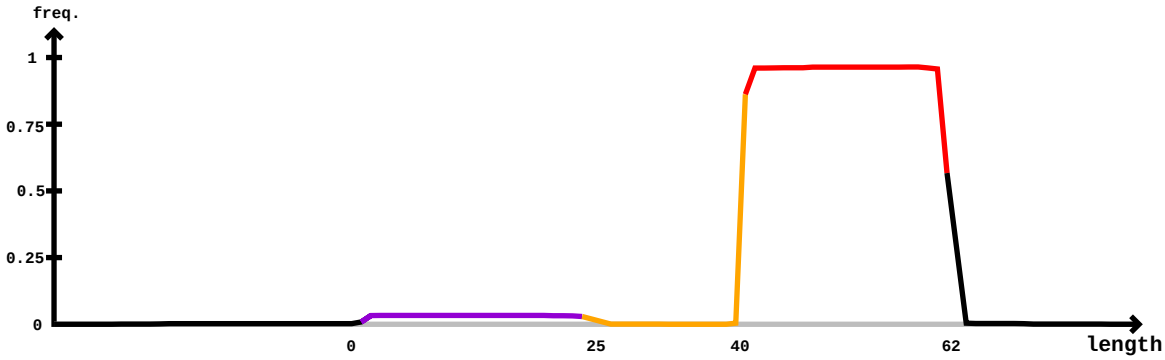
Star Mature

gaagaggcgaagucaccuugucauguggucgcgucaaauggagccauaaaacauuuauuuuuauaauaugcucuguugcuccauuugacucgucccccugacacaugcuc

.....cucuguugcuccauuugacucgGc.....	1	1	c09
.....cucuguugcuccauuugacucguA.....	2	1	c09
.....cucuguugcuccauuugacucguU.....	7	1	c09
.....cucuguugcuccauuugacucgGcc.....	1	1	c09
.....ucuguugcuccauuugacucg.....	8	0	c09
.....ucuguugcuccauuugacucgu.....	5	0	c09
.....ucuguugcuccauuugacucgA.....	1	1	c09
.....Gcuguugcuccauuugacucgu.....	1	1	c09
.....ucuguugcuccauuugCcucgu.....	1	1	c09
.....ucuguugcuccauuugacucguU.....	1	1	c09
.....cuguugcuccauuugacuc.....	1	0	c09
.....cuAuugcuccauuugacuc.....	1	1	c09
.....cuguugcuccauuugacucg.....	1	0	c09
.....cuAuugcuccauuugacucg.....	2	1	c09
.....cuguugcuccauuugacucgu.....	3	0	c09
.....uAuugcuccauuugacuc.....	1	1	c09
.....uguugcuccauuugacuc.....	1	0	c09
.....uguugUuccauuugacuc.....	1	1	c09
.....Gguugcuccauuugacucg.....	1	1	c09
.....uguugcuccauuugacucg.....	11	0	c09
.....uAuugcuccauuugacucg.....	5	1	c09
.....uguugcuccauuugacucgu.....	3	0	c09
.....uAuugcuccauuugacucgu.....	2	1	c09
.....uguugcuccauuugacucgA.....	1	1	c09
.....uguugcuccauuugacucguG.....	1	1	c09
.....guugcuccauuugacucg.....	5	0	c09
.....Auugcuccauuugacucg.....	20	1	c09
.....Auugcuccauuugacucgu.....	9	1	c09
.....guugcuccauuugacucgu.....	1	0	c09
.....uuUcuccauuugacucgu.....	1	1	c09
.....uugcuccauuugacucgu.....	5	0	c09

Provisional ID	:	group4_7895
Score total	:	871.3
Score for star read(s)	:	3.9
Score for read counts	:	865.8
Score for mfe	:	0.8
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	1710
Mature read count	:	1654
Loop read count	:	0
Star read count	:	56





Star **Mature**

```
5'- gccuuucauauguuacucggucacgaaguacuauggaaaugcaagcugacguuggcgugucuaugauaccaaaacaguacauuucuuuagaacaucguggcgcggcuuacg  -3'   obs
    gccuuucauauguuacucggucacgaaguacuauggaaaugcaagcugacguuggcgugucuaugauaccaaaacaguacauuucuuuagaacaucguggcgcggcuuacg       exp
    ...........((...((((((((((.((.(((.(((((((...((((...((((..((((...))))))))..))))).)))))))).)))..)).)))))))...)).   reads    mm       sample
    ............................cuauggaaaugcaCgcugacguu.....................................................................   1        1        c16
    ............................cuauggaaaugcaagcugacguug....................................................................   2        0        c16
    ............................cuauggaaaugcaagcugacguugg...................................................................   2        0        c16
    ............................uauggaaaugcaagcugacgu.......................................................................   1        0        c16
    ............................Gauggaaaugcaagcugacguugg....................................................................   1        1        c16
    ............................uauggaaaugcaagcugacguugg....................................................................   6        0        c16
    ..........................................................................aaaacaguacauuucuuua.....................   3        0        c16
    ..........................................................................aaaacaguacauuucuuaga....................   19       0        c16
    ..........................................................................aaaacaguacauuucuuagaa...................   52       0        c16
    ..........................................................................aaaacaguacauuucuAuagaa..................   1        1        c16
    ..........................................................................aaaaUaguacauuucuuagaa...................   1        1        c16
    ..........................................................................Caaacaguacauuucuuagaa...................   2        1        c16
    ..........................................................................aaaacaguacauuucuuuagCa..................   1        1        c16
    ..........................................................................aaaacaguacauuucuuuagaac.................   1        0        c16
    ..........................................................................Gaacaguacauuucuuuagaa...................   1        1        c16
    ..........................................................................aaacaguacauuucuuuagaaA..................   1        1        c16
    ..........................................................................aaacaguacauuucuuuagaaU..................   2        1        c16
    ..........................................................................aaacaguacauuucuuuagaaUa.................   2        1        c16
    ..........................................................................uacauuucuuuagaacaucgugg.................   1        0        c16

    ............................uauggaaaugcaagcugacguugg....................................................................   1        0        c04
    ..........................................................................aaaacaguacauuucuuuag....................   1        0        c04
    ..........................................................................aaaacaguacauuucuuuaga...................   3        0        c04
    ..........................................................................aaaacaguacauuucuuuagG...................   1        1        c04
    ..........................................................................aaaacaguacauuucuuuagaa..................   1        0        c04
    ..........................................................................aaaacaguacauuucGuuagaa..................   1        1        c04
    ..........................................................................aaaacaCuacauuucuuuagaa..................   1        1        c04
    ..........................................................................aaacaguacauuucuuuagaa...................   1        0        c04
    ..........................................................................uacauuucuuuagaacaucgugg.................   1        0        c04

    ............................cuauggaaaugcaagcugac........................................................................   1        0        c09
    ............................cuauggaaaugcaagcugacguugg...................................................................   1        0        c09
    ............................uauggaaaugcaagcugacguu......................................................................   1        0        c09
```

Star Mature

gccuuucauauguuacucggucacgaaguacuauggaaaugcaagcugacguuggcgugucuaugauaccaaaacaguacauuucuuuagaacaucguggcgcggcuuacg

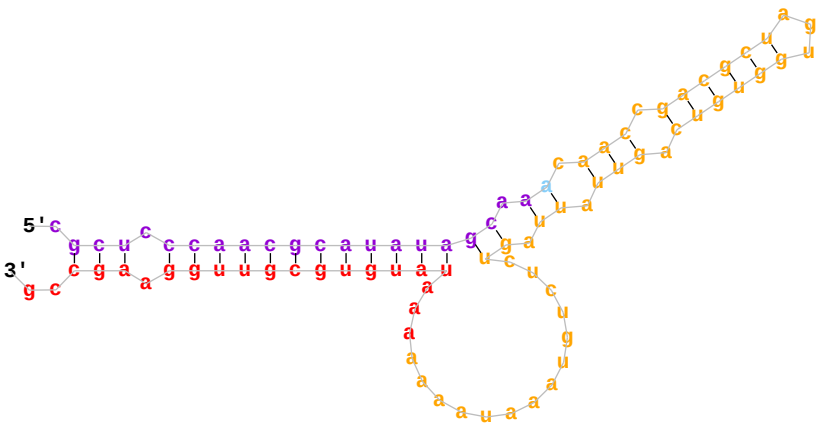
..........uauggaaaugcaagcugacguugg..........	6	0	c09
..........auggaaaugcaagcugac..........	1	0	c09
..........aaaacaguacauuucuuuag..........	1	0	c09
..........aaaacaguacauuucuuuagC..........	1	1	c09
..........aaaacaguacauuucuuuaga..........	28	0	c09
..........aaaacaguacauuucuuuagaa..........	19	0	c09
..........aaaacaguacauuucuAuagaa..........	1	1	c09
..........aaaacaguacauuucuuuagaU..........	1	1	c09
..........aaaacaguacauuucuuuagaaU..........	1	1	c09
..........aaacaguacauuucuuuagaa..........	2	0	c09
..........aaacaguacauuucuuuagaaU..........	1	1	c09
.....ucauauguuacucggucacgaagua..........	1	0	c15
.....auguuacucggucacgaagua..........	1	0	c15
.....uguuacucggucacgaagua..........	2	0	c15
..........cuauggaaaugcaagcugacguug..........	5	0	c15
..........cuauggaaaugcaagcugacguugg..........	1	0	c15
..........uauggaaaugcaagcugacguu..........	1	0	c15
..........uauggaaaugcaagcugacguug..........	2	0	c15
..........uauggaaaugcaagcugacguugg..........	5	0	c15
..........caaaacaguacauuucuuuaga..........	3	0	c15
..........caaaacaguacauuucuuuagaa..........	3	0	c15
..........aaaacaguacauuucGuuaga..........	1	1	c15
..........aCaacaguacauuucuuuaga..........	1	1	c15
..........aaaacaguacauuucuuuagU..........	1	1	c15
..........aaaacagAacauuucuuuaga..........	1	1	c15
..........aaaacaguaUauuucuuuaga..........	1	1	c15
..........aaaacaguacauuucuuuaga..........	541	0	c15
..........aaaacaguaGauuucuuuagaa..........	1	1	c15
..........aaaacaguacauuucuuuGgaa..........	1	1	c15
..........aaaacaguacauuucuuuagaU..........	17	1	c15
..........aaaacaguacauuuUuuuagaa..........	1	1	c15
..........aaaacaguacauuucuuuagaC..........	2	1	c15
..........aaaacaguacUuuucuuuagaa..........	1	1	c15
..........aaaacaguacauuucGuuagaa..........	1	1	c15
..........aaaUcaguacauuucuuuagaa..........	1	1	c15
..........aaaacaguacauuucuuuaUaa..........	1	1	c15
..........aaaacUguacauuucuuuagaa..........	1	1	c15
..........aaaacaguacauuucuuCagaa..........	1	1	c15
..........aaaacaguacaCuucuuuagaa..........	1	1	c15
..........aaaacaguacauuucuuuagaa..........	588	0	c15
..........Uaaacaguacauuucuuuagaa..........	1	1	c15
..........aaaacaguacauuucuuuagaaU..........	40	1	c15
..........aaaacCguacauuucuuuagaac..........	1	1	c15
..........aaaacaguacauuucuuuagaaA..........	15	1	c15
..........aaacaguacauuucuuuaga..........	12	0	c15
..........aaacaguacauuucuuuagaa..........	17	0	c15
..........aaacaguacauuucuuuagaaU..........	116	1	c15
..........aaacaguacauuucuuuagaaA..........	8	1	c15
..........acaguacauuucuuuaga..........	1	0	c15
..........caguacauuucuuuagaaU..........	1	1	c15
..........uGgaacaucguggcgcggcuu...	1	1	c15
..........cuauggaaaugcaagcugacguugg..........	1	0	c02
..........cuauggaaaugcaagcugCcguuggcgugucu..........	1	1	c02
..........uauggaaaugcaagcugacguu..........	1	0	c02
..........Gauggaaaugcaagcugacguug..........	1	1	c02
..........uauggaaaugcaagcugacguug..........	6	0	c02
..........uauggaaaugcaagcugacguugg..........	8	0	c02
..........uauggaaaugcaagcugCcguugg..........	1	1	c02
..........caaaacaguacauuucuuuaga..........	1	0	c02
..........aaaacaguacauuucuuua..........	3	0	c02
..........aaaacaguacauuucuuuag..........	4	0	c02
..........aaaacaguacaAuucuuuaga..........	1	1	c02
..........aaaacaguacauuucuuuaCa..........	1	1	c02
..........aaaacaguacauuucuuuaga..........	52	0	c02
..........aaaacaguacauuuAuuuaga..........	1	1	c02
..........Caaacaguacauuucuuuaga..........	1	1	c02
..........aaaacaguacaAuucuuuagaa..........	1	1	c02
..........aaaacaguacauuucuuAagaa..........	1	1	c02

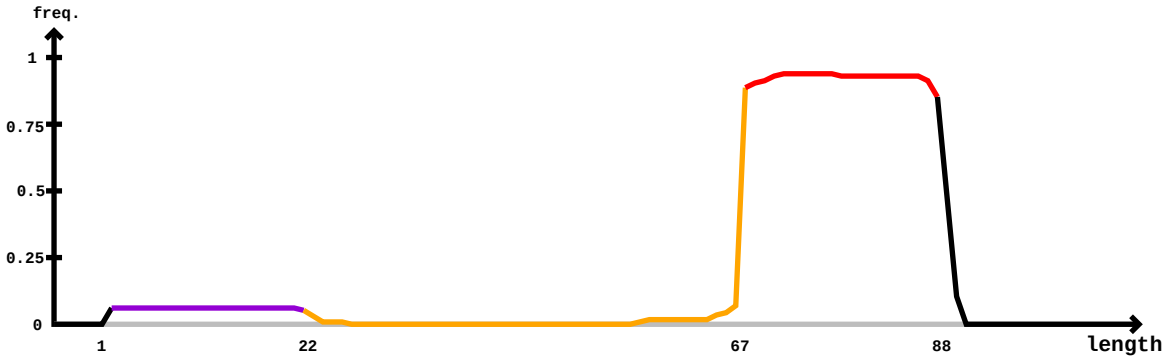
Star Mature

gccuuucauauguuacucggucacgaaguacuauggaaaugcaagcugacguuggcgugucuaugauaccaaaacaguacauuucuuuagaacaucguggcgcggcuuacg

.....aaaacaguacauuuAuuuagaa.....	1	1	c02
.....aaaacaguacauuucuuuagaG.....	1	1	c02
.....aaaacaguacauAucuuuagaa.....	1	1	c02
.....aaaacaguacauuucuuuagaa.....	43	0	c02
.....Gaaacaguacauuucuuuagaa.....	1	1	c02
.....Caaacaguacauuucuuuagaa.....	1	1	c02
.....aaaacaguacauuucuuuagaaU.....	2	1	c02
.....aaaacaguacauuucuuuagaaA.....	1	1	c02
.....aaacaguacauuucuuuag.....	1	0	c02
.....aaacaguacauuucuuuagaa.....	2	0	c02
.....aaacaguacauuucuuuagaac.....	1	0	c02
.....aaacaguacauuucuuuagaaU.....	2	1	c02
.....uacauuucuuuagaacaucgug.....	1	0	c02
.....uacauuucuuuagaacaucgugg.....	1	0	c02

Provisional ID	:	group4_7899
Score total	:	52.6
Score for star read(s)	:	3.9
Score for read counts	:	50.6
Score for mfe	:	0.9
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	111
Mature read count	:	104
Loop read count	:	0
Star read count	:	7





Star **Mature**

```
5'- gugccgcucccaacgcauauagcaacaaccgacgcuaguggugucaguuauuagucucuguaaauaaaaaaauaugugcguuggaagccgcgggcgacaugauaccaucu  -3'   obs
    gugccgcucccaacgcauauagcaacaaccgacgcuaguggugucaguuauuagucucuguaaauaaaaaaauaugugcguuggaagccgcgggcgacaugauaccaucu        exp
    (((((((.(((((((((((((((.((.(((.((((((...)))))).))).)).)).....................)))))))))))).))).....))).))..........  reads   mm   sample
    ....cgcucccaacgcauauagcaa.....................................................................................  1       0    c09
    .....................................................aaaaaauaugugcguuggaagccgc..................  1       0    c09
    .....................................................aaaaaauaugugcguuggaagccgcA.................  1       1    c09
    ....................................................aaaaauaugugcguuggaagccgcU..................  1       1    c09
    ....................................................aaaauaugugcguuggaagcc.....................  1       0    c09
    ....................................................aaaauaugugcguuggaagccg....................  5       0    c09
    ....................................................aaaauaugugcguuggaagccgc...................  9       0    c09
    ....................................................aaaauaugugcguuggaagccgA...................  1       1    c09
    ....................................................aaaauaugugcguuggaagccgcU..................  2       1    c09
    ....................................................aauaugugcguuggaagccgcU..................  2       1    c09
    ....................................................auaugugcguuggaagccg.....................  1       0    c09
    ....................................................augugcguuggaagccgc.....................  1       0    c09

    ....cgcucccaacgcauauagca......................................................................................  1       0    c16
    .....................................................aaaaaauaugugcguuggaagcc.....................  1       0    c16
    ....................................................Caaauaugugcguuggaagcc.....................  1       1    c16
    ....................................................aaauaugugcguuggaagc.......................  1       0    c16
    ....................................................aaauaugugcguuggaagcc......................  2       0    c16
    ....................................................aaauaugugcguAggaagccg.....................  1       1    c16
    ....................................................aaauaugugcguuggUagccg.....................  1       1    c16
    ....................................................aaauaugugcguuggaagccg.....................  20      0    c16
    ....................................................Caauaugugcguuggaagccg.....................  2       1    c16
    ....................................................aaauaugugcguuggUagccgc....................  2       1    c16
    ....................................................aaauaugugcguuggaagccgU....................  1       1    c16
    ....................................................aaauaugugcguuggaagccgc....................  5       0    c16
    ....................................................aaauaugugcguuggaagccgcU...................  1       1    c16
    ....................................................uaugugcguuggaagccgU.......................  1       1    c16

    ....................................................aaauaugugcguuggaagccg.....................  1       0    c04
    ....................................................uaugugcguuggUagccg........................  1       1    c04

    ....cgcucccaacgcauauagcaa.....................................................................................  2       0    c15
    ....cgcucccaacgcauauagcaaa....................................................................................  2       0    c15
```

Star Mature

gugccgcucccaacgcauauagcaaacaaccgacgcuaguggugucaguuauuagucucuguaaauaaaaaaauaugugcguuggaagccgcgggcgacaugauaccaucu

....cgcucccaacgcauauagcaaacaa..... 1 0 c15

.....aaaauaugugcguuggaagccgcU..... 1 1 c15

.....aaaauaugugcguuggaagccg..... 1 0 c15

.....aaaauaugugcguuggaagccgU..... 1 1 c15

.....aaaauaugugcguuggaagccgA..... 1 1 c15

.....aaaauaugugcguuggaagccgc..... 4 0 c15

.....aaaauaugugcguuggaagccgcU..... 4 1 c15

.....Gguaaauaaaaaaauaugugc..... 1 1 c02

.....guaaauaaaaaaauaugugcguuggaagccg..... 1 0 c02

.....aaaauaugugcguuggaagc..... 1 0 c02

.....aaaauaugugcguuggaagcc..... 2 0 c02

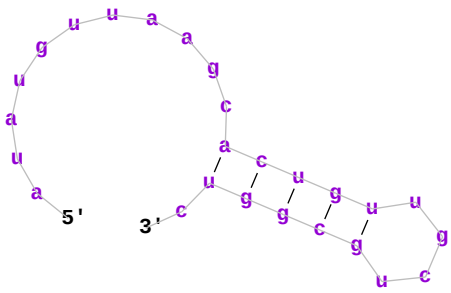
.....aaaauaugugcguuggaagccg..... 13 0 c02

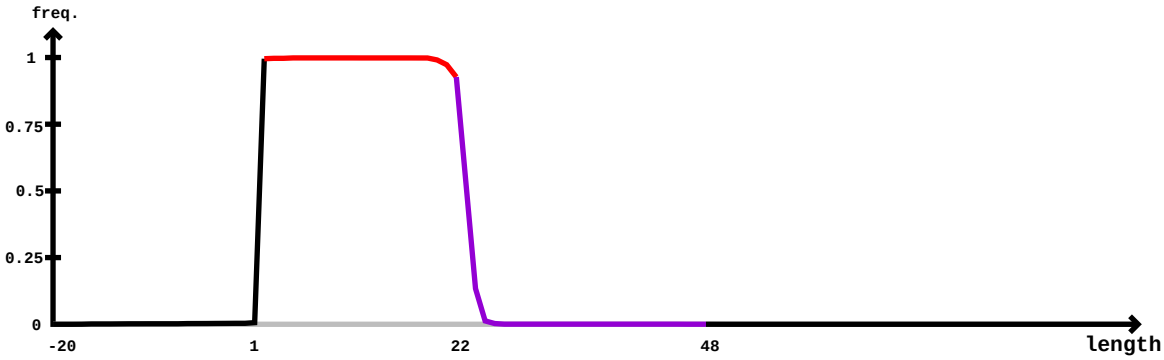
.....aaaauaugugcguuggUagccg..... 1 1 c02

.....aaaauaugugcguuggaagccgc..... 10 0 c02

.....aaaauaugugcguuggUagccgc..... 1 1 c02

Provisional ID	:	group4_8301
Score total	:	8553.6
Score for star read(s)	:	3.9
Score for read counts	:	8554.5
Score for mfe	:	-1.8
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	16791
Mature read count	:	16785
Loop read count	:	0
Star read count	:	6





Mature **Star**

```
5'- ccgagucgaacaaaaacaggUAGUAGGGUGCUGGGCCCCGUAUAUGUUAAGCACUGUUGCUGCGGUCAUAACUUCGUUGGUGGCUGACAAACAAAUUUGCUGGUGAGUACU -3'   obs
    ccgagucgaacaaaaacaggUAGUAGGGUGCUGGGCCCCGUAUAUGUUAAGCACUGUUGCUGCGGUCAUAACUUCGUUGGUGGCUGACAAACAAAUUUGCUGGUGAGUACU       exp
    ((((..((((.........((((((.((((((.(((.........))).))))))..))))))........)))))))..(((.((...((....))...)).)))...   reads   mm   sample
    ..gagucgaacaaaaacagg.....................................................................................   2       0    c15
    .................agAuaguagggugcugggccccgu.....................................................................   1       1    c15
    .................gguaguagggugcugggccccguUu...................................................................   1       1    c15
    ..................guaguagggugcugggccccgu.....................................................................   2       0    c15
    ..................guaguagggCgcugggccccgua...................................................................   1       1    c15
    ....................uaguagggugcugggccc.......................................................................   8       0    c15
    ....................uaguagggugcugggccA.......................................................................   3       1    c15
    ....................uaguagggugcugggccU.......................................................................   9       1    c15
    ....................uaguagggugcugggccccg.....................................................................   7       0    c15
    ....................uaguGgggugcugggccccg.....................................................................   1       1    c15
    ....................uaguagggugcugggccccA.....................................................................   2       1    c15
    ....................uUguagggugcugggccccgu....................................................................   1       1    c15
    ....................uaguagggugcugggccccgC....................................................................   11      1    c15
    ....................uaguagggugcugggccccgG....................................................................   2       1    c15
    ....................uaguagggAgcugggccccgu....................................................................   1       1    c15
    ....................uaguagggugcugggcccUgu....................................................................   1       1    c15
    ....................uaguagggugcugggccccUu....................................................................   2       1    c15
    ....................uaguagggugAugggccccgu....................................................................   1       1    c15
    ....................uaguagggugcugggccccgu....................................................................   762     0    c15
    ....................uGguagggugcugggccccgu....................................................................   2       1    c15
    ....................uaguagggugcugggccccCu....................................................................   1       1    c15
    ....................uaguagggugcugggccccgA....................................................................   7       1    c15
    ....................uaguaggAugcugggccccgu....................................................................   2       1    c15
    ....................uaguaggguAcugggccccgu....................................................................   1       1    c15
    ....................uaguagggugcugggccccAu....................................................................   5       1    c15
    ....................uaguagggAgcugggccccgua...................................................................   1       1    c15
    ....................uaguagggugcugggccccgua...................................................................   19      0    c15
    ....................uaguagggugcugggccccUua...................................................................   1       1    c15
    ....................uaguagggugcugggccccguU....................................................................   197     1    c15
    ....................uaguagggugcugggccccguC....................................................................   3       1    c15
    ....................uaguagggugcugggccccguau...................................................................   18      0    c15
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    ....................uaguagggugcugggccccguCu...................................................................   1       1    c15
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Mature Star

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.....uaguagggugcugggccccguaua.....  1  0  c15
.....uaguagggugcugggccccguUua.....  10  1  c15
.....uaguagggugcugggccccguauU.....  8  1  c15
.....uaguagggugcugggccccguaAa.....  3  1  c15
.....uaguagggugcugggccccguUuau.....  9  1  c15
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.....uaguagggugcugggccccguauauU.....  1  1  c15
.....auauguuaagcacuguugcugcA.....  1  1  c15
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..gagucgaacaaaaacaggu.....  1  0  c02
.....ucgaacaaaaacagguaguagggugcugggcccc.....  1  0  c02
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.............cagguaguagggugcugggccccg.....  2  0  c02
.....uaguagggugcugggccc.....  4  0  c02
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.....Gaguagggugcugggcccc.....  1  1  c02
.....Gaguagggugcugggccccg.....  4  1  c02
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.....uaguagggugcugggcAccgu.....  1  1  c02
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.....uaguagggugcugggccccguauU.....  6  1  c02
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.....uaguagggugcugggccccA.....  1  1  c04
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.....uaguagggugcugggccccAu.....  1  1  c04
.....uaguaggCugcugggccccgu.....  1  1  c04
.....uaguagggugcugggccccgu.....  361  0  c04
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Mature Star

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..................uaguagggugcugggcccAgu.....	3	1	c04
..................uaguagCgugcugggccccgu.....	1	1	c04
..................uaguagggugcuggCccccgu.....	1	1	c04
..................uaguagggugcugggcAccgu.....	1	1	c04
..................uaAuagggugcugggccccgu.....	1	1	c04
..................uaguagggugcugggAcccgu.....	1	1	c04
..................uaCuagggugcugggccccgu.....	1	1	c04
..................uaguagggugcuCggccccgu.....	1	1	c04
..................uaguagggugcugggcccUgu.....	1	1	c04
..................uaguagggugcugggccccgC.....	2	1	c04
..................uaguagggugcugAgccccgu.....	1	1	c04
..................Gaguagggugcugggccccgua....	1	1	c04
..................uaguagggugcugggccccguC....	2	1	c04
..................uaguagggugcugggccccguU....	66	1	c04
..................uaguagggugcugggccccgua....	49	0	c04
..................uaguagggugcugggccccguG....	1	1	c04
..................uaguagggugcugggccccguaA...	26	1	c04
..................uaguagggugcugggccccguUu...	56	1	c04
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..................uaguagggugcugggccccguUua..	4	1	c04
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..................uaguagggugcugggccccguaAa..	29	1	c04
..................uaguagggugcugggccccguaua..	2	0	c04
..................uaguagggugcugggccccguaCa..	1	1	c04
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..............Cacagguaguagggugcugggc.....	1	1	c16
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Mature Star

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.....uaguagggugcCgggcccc.....	2	1	c16
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.....uaguagggugcugggcccc.....	189	0	c16
.....uaguagggugcugggcccU.....	10	1	c16
.....uaguagggugcugggccccC.....	2	1	c16
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.....uaguagggugcuggAccccg.....	1	1	c16
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Mature Star

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.....uaguagggugcugggccccC..... 1 1 c09
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Mature Star

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..................uUGUAGGGUGCUGGGCCCCGU.....	1	1	c09
..................UAGUAGGGUGCUGCGCCCCGU.....	3	1	c09
..................UAGUAGGGUGAUGGGCCCCGU.....	1	1	c09
..................UAGUAGGGUGUUGGGCCCCGU.....	2	1	c09
..................UAGUAGGGUGCUGGGCCCCGU.....	945	0	c09
..................UAGUAGGGUGCUGGGCCUCGU.....	1	1	c09
..................UAGUAGCGUGCUGGGCCCCGU.....	1	1	c09
..................UAGUAGGGUUCUGGGCCCCGU.....	2	1	c09
..................UAGUAGGAUGCUGGGCCCCGU.....	1	1	c09
..................UAGUAGGGUACUGGGCCCCGU.....	1	1	c09
..................UAGUAGGGUGCUGGGCCCAGU.....	3	1	c09
..................UAGUAGGGCGCUGGGCCCCGU.....	1	1	c09
..................UAGUAGGGUGCUGGGCCCCUU.....	2	1	c09
..................UAGUAGGGUGCUGCCCCGU.....	1	1	c09
..................UAGUAGGGUGCUGGGCACCGU.....	3	1	c09
..................AAGUAGGGUGCUGGGCCCCGU.....	9	1	c09
..................CAGUAGGGUGCUGGGCCCCGU.....	1	1	c09
..................UAGUAGGGUGCUGGGUCCCGU.....	1	1	c09
..................UAGUAGGGUGCUGGCCCCGU.....	2	1	c09
..................UAGUGGGGUGCUGGGCCCCGU.....	8	1	c09
..................UAGUAGGGUGCUGGGCCCCGA.....	1	1	c09
..................GAGUAGGGUGCUGGGCCCCGU.....	84	1	c09
..................UAGUAGGGUGCUGGGCCCCGUC.....	7	1	c09
..................UAGUAGGGUGCUGGGCCCCGUG.....	5	1	c09
..................UAGUAGGGUGCUGGGCCCCGUA.....	11	0	c09
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..................UAGUAGGGUGCUGGGCCCCGUAA.....	1	1	c09
..................UAGUAGGGUGCUGGGCCCCGUUU.....	119	1	c09
..................UAGUAGGGUGCUGGGCCCCGUAC.....	1	1	c09
..................UAGUAGGGUGCUGGGCCCCGUAUA.....	3	0	c09
..................UAGUAGGGUGCUGGGCCCCGUUUA.....	5	1	c09
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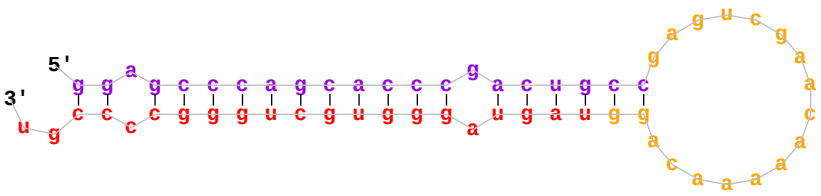
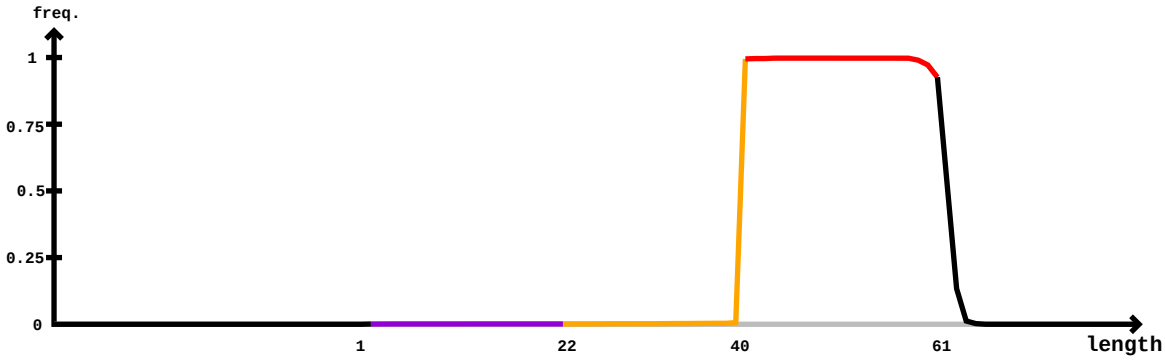
..................UAGUAGGGUGCUGGGCCCCGUAUU.....	3	1	c09
..................UAGUAGGGUGCUGGGCCCCGUUAU.....	2	1	c09
..................AGUAGGGUGCUGGGCCCCG.....	2	0	c09
..................AGUAGGGUGCUGGGCCCCGU.....	4	0	c09
....................UAGGGUGCUGGGCCCCGU.....	8	0	c09
....................UAGGGUGCUGGGCCCCGUU.....	1	1	c09
......................AGGGUGCUGGGCCCCGUU.....	1	1	c09
....................................AUAUGUUAAGCACUGUUGCUGCGGUC.....	1	0	c09

Provisional ID	:	group4_8302
Score total	:	8576.9
Score for star read(s)	:	3.9
Score for read counts	:	8569.8
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	16821
Mature read count	:	16785
Loop read count	:	19
Star read count	:	17





Star **Mature**

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    ccuacaaaugaagauaaagguuaauauauucggagcccagcacccgacugccgagucgaacaaaaacagguaguagggugcugggccccguauauguuaagcacuguugcu        exp
    ............((((..(.((((((((((.(((.((((((((((((.((((((.....................)))))).)))))))))))).)))).)))))))))).)..))))...  reads      mm         sample
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    ............................ggagcccagcacccgacugcc....................................................................  3          0          c15
    ............................ggagcccagcacccgacugccgagucgaaca..........................................................  1          0          c15
    ..................................................gagucgaacaaaaacagg.....................................................  2          0          c15
    ....................................................................agAuaguagggugcugggccccgu.....................  1          1          c15
    ....................................................................gguaguagggugcugggccccguUu.....................  1          1          c15
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    ....................................................................guaguagggCgcugggccccgua.......................  1          1          c15
    ....................................................................uaguagggugcugggccc...........................  8          0          c15
    ....................................................................uaguagggugcugggccA...........................  3          1          c15
    ....................................................................uaguagggugcugggccU...........................  9          1          c15
    ....................................................................uaguagggugcugggccccg.........................  7          0          c15
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    ....................................................................uaguagggugAugggccccgu........................  1          1          c15
    ....................................................................uUguagggugcugggccccgu........................  1          1          c15
    ....................................................................uaguaggAugcugggccccgu........................  2          1          c15
    ....................................................................uaguagggugcugggcccUgu........................  1          1          c15
    ....................................................................uaguagggugcugggccccCu........................  1          1          c15
    ....................................................................uaguaggguAcugggccccgu........................  1          1          c15
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    ....................................................................uaguagggugcugggccccgG........................  2          1          c15
    ....................................................................uaguagggugcugggccccgA........................  7          1          c15
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    ....................................................................uaguagggAgcugggccccgua.......................  1          1          c15
    ....................................................................uaguagggugcugggccccguC.......................  3          1          c15
    ....................................................................uaguagggugcugggccccUua.......................  1          1          c15
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Star Mature

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Star Mature

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Star Mature

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Star Mature

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Star Mature

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Provisional ID	:	group4_9462
Score total	:	52440.8
Score for star read(s)	:	3.9
Score for read counts	:	52430
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	3
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Mature read count	:	98668
Loop read count	:	0
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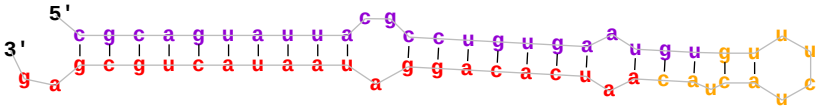

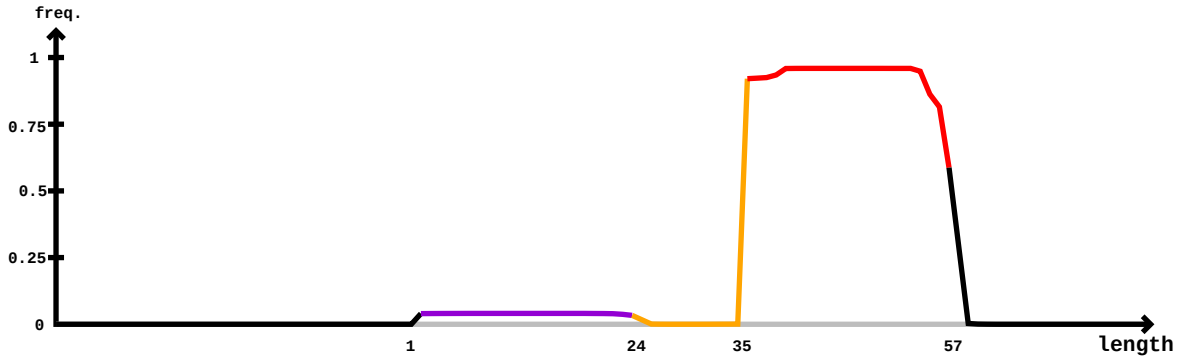

Star **Mature**

```
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    aaauggacgcggcagucggcuagcgucgcuuccgcgcgcaguauuacgccugugaaugguuucuacuacaaucacaggauaaauacugcgaguggcggcgucgcaaucuaca       exp
    .....(((......))).....(((.((((.((((.((((((((((..(((((((.(((((....)).))).)))))))).)))))))))).))))).))).........   reads    mm       sample
    ..................................Ccgcaguauuacgccugugaaugu.....................................................   1        1        c09
    ..................................cgcaguauuacgUcugug..........................................................   1        1        c09
    ..................................cgcaguauuacgccugug..........................................................   12       0        c09
    ..................................cgcaguauuacgccuguga.........................................................   3        0        c09
    ..................................cgcaguauuacgccugugaa........................................................   6        0        c09
    ..................................cgcaguauuacgccugugaau.......................................................   9        0        c09
    ..................................cgcaguauuacgccugugaaug......................................................   18       0        c09
    ..................................cgcaguauuacgccugugaaugA.....................................................   1        1        c09
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    ..................................Ugcaguauuacgccugugaaugu.....................................................   1        1        c09
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    ..............................................................................cuGcaaucacaggauaaauacugcgag.....   2        1        c09
    ................................................................................Gacaaucacaggauaaaua...........   1        1        c09
    ................................................................................Gacaaucacaggauaaauacug........   1        1        c09
    ................................................................................uUcaaucacaggauaaauacugcgag.....   1        1        c09
```

Star Mature

aaauggacgcggcagucggcuagcgucgcuuccgcgcgcaguauuacgccugugaaugguuucuacuacaaucacaggauaauacugcgaguggcggcgucgcaaucuaca

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.....Ccaaucacaggauaauacugcga.....	2	1	c09
.....Ccaaucacaggauaauacugcgag.....	1	1	c09
.....Gcaaucacaggauaauacugcgag.....	1	1	c09
.....caaucacaggauaauacu.....	2	0	c09
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Star Mature

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Star Mature

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Star Mature

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.....auAacaggauaauacugcga.....	1	1	c09
.....auUacaggauaauacugcga.....	4	1	c09
.....auGacaggauaauacugcga.....	1	1	c09
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.....Gucacaggauaauacugcga.....	1	1	c09
.....aCcacaggauaauacugcga.....	1	1	c09
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.....cgcaguauuacgccugugaauguUuu.....	17	1	c15
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Star Mature

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.....guauuacgccugugaaugu.....	1	0	c15
.....uauuacgccugugaauguguuucuacu.....	1	0	c15
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.....uacaaucacaggauaauacugcgag.....	1	0	c15
.....caaucacaggauaauacugcgag.....	1	0	c15
.....aaucacaggauaauacuA.....	3	1	c15
.....aaucacaggauaauacug.....	91	0	c15
.....aauAacaggauaauacugc.....	1	1	c15
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.....aaucacaggauaauacugc.....	1426	0	c15
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.....aaucacaggGuaauacugc.....	1	1	c15
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.....aaucacaggauaauacuAc.....	6	1	c15
.....aaucacaggUuaauacugc.....	2	1	c15
.....aaucacaCgauaauacugc.....	1	1	c15
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.....aaucacaggauaauacugGg.....	1	1	c15
.....aaucacaggauUauacugcg.....	1	1	c15
.....aaucacagAauaauacugcg.....	1	1	c15
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Star Mature

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.....cacaggauaauacugcga.....	153	0	c15
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Star Mature

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Star Mature

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.....aaucacaggauaauacuCcga.....	6	1	c02
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.....aaucacaggauaauacugcgaUu.....	1	1	c02
.....aaucacaggauaauacugcgagA.....	43	1	c02
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.....aauAacaggauaauacugcgagu.....	1	1	c02
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.....acaggauaauacugcgag.....	126	0	c02
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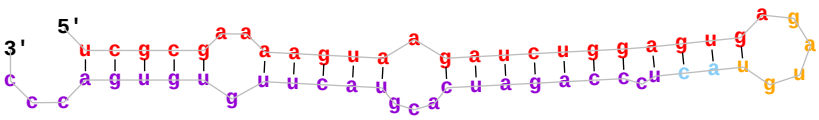
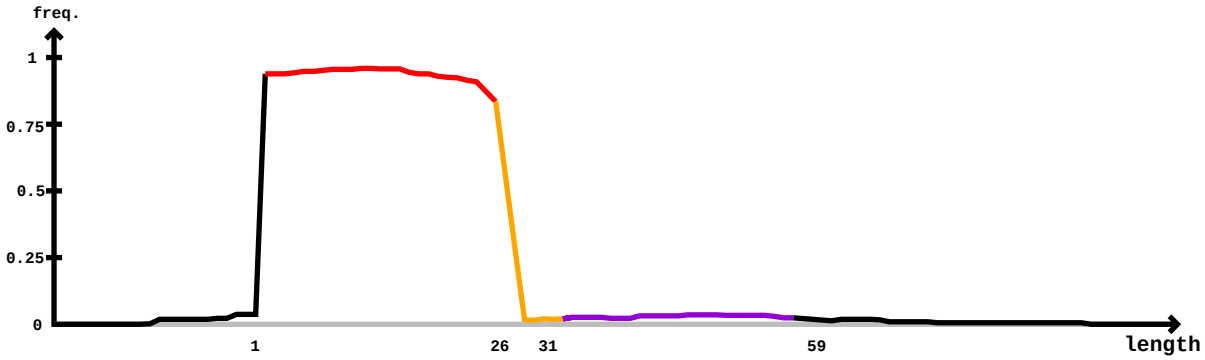
.....acaggauaauacugcgagA.....	3	1	c02
.....caggauaauacugcgagA.....	1	1	c02
.....caggauaauacugcgagu.....	4	0	c02
.....aggauaauacugcgaguA.....	1	1	c02

Provisional ID	:	group4_9481
Score total	:	255.9
Score for star read(s)	:	3.9
Score for read counts	:	249.9
Score for mfe	:	1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	502
Mature read count	:	495
Loop read count	:	0
Star read count	:	7





Mature **Star**

```
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    ugcauaucuuaacgauauguucgcgaaaaguaagaucuggaguagaugauguacucccagaucacguacuugugugacccgcuguauuggugucaucucagcuuuguauccauagca        exp
    .(((((((.....)))))))(((((..(((((.((((((((((.....)))).)))))))...)))))).)))))...(((((...((((.((.........)))))).)))))).   reads      mm        sample
    ..........................................................uacuugugugacccUcuguauuggug.....................................   1          1         c15

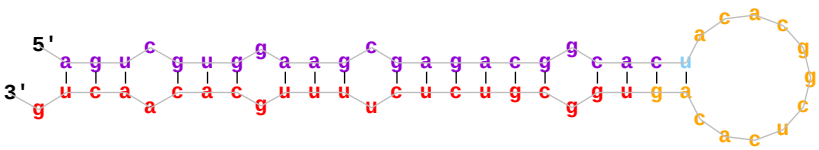
    ........uuaacgauauguucgcgaaaaguaaga.....................................................................................   1          0         c16
    .........uaacgauauguucgcgaaaaguaaga.....................................................................................   2          0         c16
    ..............uauguucgcgaaaaguaagaucugga................................................................................   1          0         c16
    ....................Gcgcgaaaaguaagaucuggagu..............................................................................   1          1         c16
    ....................ucgcgaaaaguaagaucuggagu...............................................................................   1          0         c16
    ....................ucgcgaaaaguaagaucuggagug..............................................................................   3          0         c16
    ....................Gcgcgaaaaguaagaucuggaguga.............................................................................   5          1         c16
    ....................ucgcgaaaaguaagaucuggaguga..............................................................................   24         0         c16
    ....................Gcgcgaaaaguaagaucuggagugag............................................................................   2          1         c16
    ....................ucgcgaaaaguaagaucuUgagugag............................................................................   1          1         c16
    ....................ucgcgaaaaguaagaucuggagugaU............................................................................   1          1         c16
    ....................ucgcgaaaaguaagaucuggagugaA............................................................................   1          1         c16
    ....................ucgcgaaaaguaagaucuggagugag............................................................................   29         0         c16
    ....................ucgcgaaaaguaagaucuggagugaC............................................................................   1          1         c16
    ....................Gcgcgaaaaguaagaucuggagugaga...........................................................................   2          1         c16
    ....................ucgcgaaaaguaagaucuggagugagC...........................................................................   1          1         c16
    ....................ucgcgaaaaguaagaucuggagugaga............................................................................   18         0         c16
    ....................ucgcgaaaaguaagauAuggagugaga............................................................................   1          1         c16
    ......................cgaaaaguaagaucuggagugag..............................................................................   1          0         c16
    ......................gaaaaguaagaucuggaguga.................................................................................   1          0         c16
    ............................uaagaucuggagugagauguacuccc.....................................................................   1          0         c16
    ..........................................ugagauguacucccagaucacCuacu.....................................................   1          1         c16
    ..............................................uguacucccagaucacguacuugugu.....................................................   1          0         c16
    ..............................................uguacucccagaucacguacuugugug....................................................   1          0         c16
    ................................................uacucccagaucacguacuugugug....................................................   1          0         c16
    ................................................uacucccagaucacguacuugugugac..................................................   2          0         c16
    ..................................................Uucccagaucacguacuugugugaccc..................................................   1          1         c16
    ..................................................ucccagaucacguacuugugugaccc...................................................   2          0         c16
    ......................................................ucacguacuugugugacccgcuguau.................................................   1          0         c16
    ..........................................................................uguauuggugucaucucagcuuugua.....................   1          0         c16

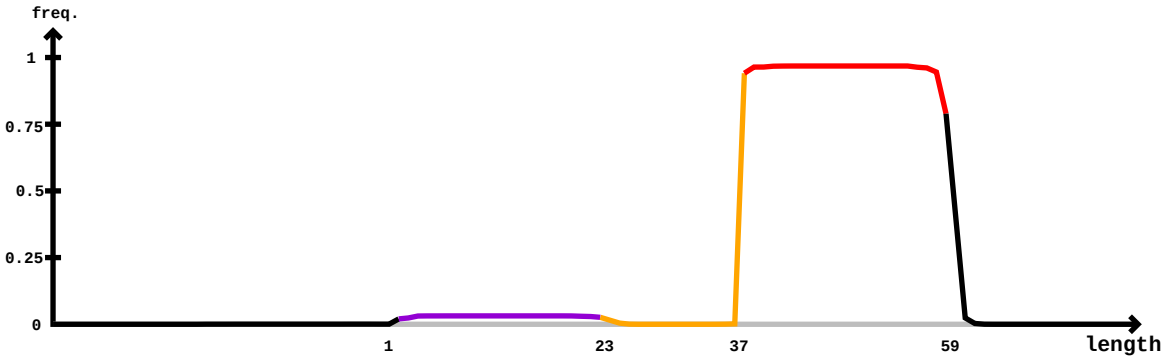
    .........uaacgauauguucgcgaaaagua.......................................................................................   1          0         c04
```

Mature Star

ugcauaucuuaacgauauguucgcgaaaaguaagaucuggaguagauguacucccagaucacguacuugugugacccgcuguauuggugucaucucagcuuuguauccauagca			
.....uaacgauauguucgcgaaaaguaaga.....	4	0	c04
.....uaacgauauguucgcgaaaaguaagau.....	2	0	c04
.....uauguucgcgaaaaguaagaucugga.....	1	0	c04
.....uguucgcgaaaaguaagau.....	1	0	c04
.....uguucgcgaaaaguaagaucuggag.....	1	0	c04
.....uguucgcgaaaaguaagaucuggagu.....	6	0	c04
.....ucgcgaaaaguaagaucu.....	5	0	c04
.....ucgcgaaaaguaagaucug.....	2	0	c04
.....ucgcgaaaaguaagaucugU.....	1	1	c04
.....ucgcgaaaaguaagaucugga.....	3	0	c04
.....ucgcgaaaaguaagaucuggag.....	3	0	c04
.....ucgcgaaaaguaagaucuggagu.....	12	0	c04
.....Gcgcgaaaaguaagaucuggagug.....	1	1	c04
.....ucgcgaaaaguaagaucuggagug.....	16	0	c04
.....ucgcgaaaaguaagaucuggagugC.....	1	1	c04
.....Acgcgaaaaguaagaucuggaguga.....	2	1	c04
.....ucgcgaaaaguaagaucuggaCuga.....	1	1	c04
.....ucgcgaaaaguaagaucuggaguga.....	119	0	c04
.....Gcgcgaaaaguaagaucuggaguga.....	13	1	c04
.....ucgUgaaaaguaagaucuggaguga.....	1	1	c04
.....ucgcgaaaagAaagaucuggagugag.....	1	1	c04
.....Gcgcgaaaaguaagaucuggagugag.....	7	1	c04
.....ucgcgaaaaguaagaucuggagugag.....	81	0	c04
.....ucgcgaaaaguaagaucuggagugaA.....	1	1	c04
.....ucgcgaaaaguaagaucuggagGgag.....	1	1	c04
.....Gcgcgaaaaguaagaucuggagugaga.....	5	1	c04
.....uAgcgaaaaguaagaucuggagugaga.....	1	1	c04
.....Acgcgaaaaguaagaucuggagugaga.....	1	1	c04
.....ucgcgaaaaguaagaucuggagugagU.....	1	1	c04
.....ucgcgaaaaguaagaucuCgagugaga.....	1	1	c04
.....ucgcgaaaaguaagaucuggagugaga.....	112	0	c04
.....ucgcgaaaaguaagauAuggagugaga.....	1	1	c04
.....ucgcgaaaaguaagaucuggagugagaG.....	1	1	c04
.....ucgcgaaaaguaagaucuggagugagaugu.....	1	0	c04
.....cgaaaaguaagaucuggagugaga.....	1	0	c04
.....gaaaaguaagaucuggagugag.....	1	0	c04
.....gaaaaguaagaucuggagugaga.....	1	0	c04
.....aaaguaagaucuggagugaga.....	2	0	c04
.....aaguaagaucuggaguga.....	1	0	c04
.....aaguaagaucuggagugaga.....	1	0	c04
.....uaagaucuggagugagauguacuccc.....	1	0	c04
.....uguacucccagaucacguacuugugu.....	1	0	c04
.....uguacucccagaucacguacuugugug.....	1	0	c04
.....ucccagaucacguacuugugugaccc.....	1	0	c04
.....ucacguacuugugugacccUcugua.....	1	1	c04
.....ucacguacuugugugacccgcuguau.....	1	0	c04
.....ucacguacuugugugacccUcuguau.....	2	1	c04
.....uacuugugugacccUcuguauuggug.....	1	1	c04
.....uguauuggugucaucucagcuuugua.....	2	0	c04

Provisional ID	:	group5_9741
Score total	:	5689.9
Score for star read(s)	:	3.9
Score for read counts	:	5683.1
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	11159
Mature read count	:	10811
Loop read count	:	0
Star read count	:	348





Star **Mature**

```
5'- ggccugcaaccaucucuugaaguaagacuguugcagucguggaagcgagacggcacuacacggcucacaguggcgucucuuuugcacaacugcaaaggcuuuugcaugaugc  -3'   obs
    ggccugcaaccaucucuugaaguaagacuguugcagucguggaagcgagacggcacuacacggcucacaguggcgucucuuuugcacaacugcaaaggcuuuugcaugaugc        exp
    ((.......)).........(((((((((.(((((((.(((.((((.((((((.((((...........)))).)))))).)))).)))..)))))))).)))))))).....  reads   mm   sample
    ..............ucuuCaaguaagacuguu.....................................................................................  2       1    c02
    .................................agucguggaagcgagacgg.....................................................................  2       0    c02
    .................................Cgucguggaagcgagacggc....................................................................  1       1    c02
    .................................agucguggaagcgagacggc....................................................................  1       0    c02
    .................................agucguggaagcgagacggca...................................................................  4       0    c02
    .................................agucguggaagcgagGcggca...................................................................  1       1    c02
    .................................agucguggaagcgagacggcac..................................................................  1       0    c02
    .................................agucguggaagcgagacggcacu.................................................................  1       0    c02
    .................................gucguggaagcgagacggcacu..................................................................  3       0    c02
    .................................gucguggaagcgagacggcacC..................................................................  1       1    c02
    ..................................ucguggaagcgagacggcacu..................................................................  2       0    c02
    ..................................ucguggaagcgagacggcacuU.................................................................  1       1    c02
    ..................................ucguggaagcgagacggcacua.................................................................  1       0    c02
    ..................................ucguggaagcgagacggcacuaU................................................................  1       1    c02
    .................................cguggaagcgagacggcacu....................................................................  1       0    c02
    ..............................................................uggcgucucuuuugcacaa.....................................  2       0    c02
    ..............................................................uggcgucucuuuugcacaaA....................................  1       1    c02
    ..............................................................uggcgucucuuuugcacaac....................................  2       0    c02
    ..............................................................uggcgucucuuuugcacaacu...................................  96      0    c02
    ..............................................................Gggcgucucuuuugcacaacu...................................  6       1    c02
    ..............................................................Aggcgucucuuuugcacaacug..................................  1       1    c02
    ..............................................................uggcgucucuuuugcacGacug..................................  1       1    c02
    ..............................................................uggcgucucuuuugcacaacug..................................  281     0    c02
    ..............................................................uggcCucucuuuugcacaacug..................................  1       1    c02
    ..............................................................uggcgucucuuuugcCcaacug..................................  1       1    c02
    ..............................................................uggcgucucuuuugUacaacug..................................  1       1    c02
    ..............................................................Gggcgucucuuuugcacaacug..................................  23      1    c02
    ..............................................................uggAgucucuuuugcacaacug..................................  1       1    c02
    ..............................................................Cggcgucucuuuugcacaacug..................................  1       1    c02
    ..............................................................uCgcgucucuuuugcacaacug..................................  1       1    c02
    ..............................................................uggcgucucuuuugcacaCcug..................................  1       1    c02
    ..............................................................uggcgucucuuuugcacaacuC..................................  2       1    c02
    ..............................................................uggcgucucuuuugcacaacugU.................................  20      1    c02
```

Star Mature

ggccugcaaccaucucuugaaguaagacuguugcagucguggaagcgagacggcacuacacggcucacaguggcgucucuuuugcacaacugcaaaggguuuugcaugaugc

.....uggcgucucuuuugcacaacugG.....	1	1	c02
.....uggcgucucuuuugcacaacugc.....	27	0	c02
.....Gggcgucucuuuugcacaacugc.....	2	1	c02
.....uggcgucucuuuuAcacaacugc.....	1	1	c02
.....uggcgucuAuuuugcacaacugc.....	1	1	c02
.....uggcgucucuuuugcacaacugUa.....	3	1	c02
.....uggcgucucuuuugcacaacugca.....	1	0	c02
.....Gggcgucucuuuugcacaacugca.....	1	1	c02
.....uggcgucucuuuugcacaacugcU.....	1	1	c02
.....uggcgucucuuuugcacaacugcaa.....	1	0	c02
.....uggcgucucuuuugcacaacugUaa.....	2	1	c02
.....ggcgucucuuuugcacaacug.....	2	0	c02
.....ggcgucucuuuugcacaacugU.....	1	1	c02
.....ggcgucucuuuugcacaacugc.....	2	0	c02
.....cgucucuuuugcacaacugcU.....	1	1	c02
.....ugaaguaagGcuguugcagu.....	1	1	c15
.....agucguggaagcgagacgg.....	2	0	c15
.....agucguggaagcgagacggc.....	1	0	c15
.....agucguggaagcgagacggca.....	15	0	c15
.....agucguggaagcgagacggcaU.....	3	1	c15
.....agucguggaagcgagacggcac.....	68	0	c15
.....agucguggaagcgagacggcacu.....	27	0	c15
.....agucguggaagcgagacggcacA.....	2	1	c15
.....agucguggaagcgagacggcaAu.....	1	1	c15
.....agucguggaagcgagacggcacuU.....	7	1	c15
.....agucguggaagcgagacggcacua.....	1	0	c15
.....gucguggaagcgagacggcac.....	1	0	c15
.....gucguggaagcgagaUggcac.....	1	1	c15
.....gucguggaagcgagacggcacu.....	2	0	c15
.....Uucguggaagcgagacggcacu.....	1	1	c15
.....gucguggaagcgagacggcacuU.....	3	1	c15
.....ucguggaagcgagacggc.....	1	0	c15
.....ucguggaagcgagacggca.....	1	0	c15
.....ucguggaagcgagacggcac.....	4	0	c15
.....ucguggaagcgagacggcaU.....	1	1	c15
.....ucguggaagcgagacggcacu.....	9	0	c15
.....ucguggaagcgagacggcacua.....	8	0	c15
.....ucguggaagcgagacggcacuU.....	3	1	c15
.....ucguggaagcgagacggcacuC.....	1	1	c15
.....ucguggaagcgagacggcacuaU.....	2	1	c15
.....uggaagcgagacgCcacuac.....	1	1	c15
.....aguggcgucucuuuugcacaac.....	1	0	c15
.....uggcgucucuuuugcacaac.....	78	0	c15
.....uggcgucucuuuugcacaacu.....	32	0	c15
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.....uggcgucucuuuugcacaaGug.....	1	1	c15
.....uggcgucucuuuugcacaCcug.....	1	1	c15
.....uggcgucucuuuugcacaacuA.....	65	1	c15
.....uggcgucucuuuCgcacaacug.....	1	1	c15
.....uggcgAcucuuuugcacaacug.....	1	1	c15
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.....uggUgucucuuuugcacaacug.....	1	1	c15
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.....uggcgucucuuuugcacaacGg.....	1	1	c15
.....uggcgCcucuuuugcacaacug.....	1	1	c15
.....uggcgucucuuuugcacaaUug.....	1	1	c15
.....uUgcgucucuuuugcacaacug.....	1	1	c15
.....uggcgucucuuuugcacaacuC.....	1	1	c15
.....uggcgucucuuuugcacaacuU.....	6	1	c15
.....uggcgucucuuuugcacaaAugc.....	1	1	c15
.....uggcgucucuuuugcacaacugc.....	282	0	c15
.....uggcgucucuuuugcacaacuAc.....	2	1	c15
.....uggcgucucuuuugcacaacugA.....	20	1	c15
.....uAgcgucucuuuugcacaacugc.....	1	1	c15
.....ugCcgucucuuuugcacaacugc.....	1	1	c15
.....uggcgucucuuuugcacaacugU.....	71	1	c15
.....uggcgucucuuuugcUcaacugc.....	1	1	c15

Star Mature

ggccugcaaccaucucuugaaguaagacuguugcagucguggaagcgagacggcacuacacggcucacaguggcgucucuuuugcacaacugcaaaggguuuugcaugaugc

.....uggcgAcucuuuugcacaacugc.....	1	1	c15
.....uggcgucucuuuAgcacaacugc.....	2	1	c15
.....uggcgucucuuuugcaGaacugc.....	1	1	c15
.....uggcgucucuuuugcacaacugcU.....	14	1	c15
.....uggcgucucuuuugcacaacugca.....	11	0	c15
.....uggcgucucuuuugcacaacugUa.....	4	1	c15
.....uggcgucucuuuugcacaacugcaU.....	4	1	c15
.....uggcgucucuuuugcacaacugcUa.....	1	1	c15
.....uggcgucucuuuugcacaacugAaa.....	1	1	c15
.....uggcgucucuuuugcacaacugUaa.....	1	1	c15
.....uggcgucucuuuugcacaacugcaa.....	1	0	c15
.....ggcgucucuuuugcacaac.....	1	0	c15
.....ggcgucucuuuugcacaacug.....	2	0	c15
.....ggcgucucuuuugcacaacugU.....	11	1	c15
.....ggcgucucuuuugcacaacugc.....	45	0	c15
.....ggcgucucuuuugcacaacugca.....	4	0	c15
.....ggcgucucuuuugcacaacugcU.....	2	1	c15
.....agucguggaagcgagacgg.....	2	0	c09
.....agucguggaagcgagacggA.....	1	1	c09
.....agucguggaagcgagacggc.....	1	0	c09
.....agucguggaagcgagacggca.....	3	0	c09
.....agucguggaagcgagacggcU.....	1	1	c09
.....agucguggaagcgagacggcac.....	3	0	c09
.....Cgucguggaagcgagacggcac.....	1	1	c09
.....agucguggaagcgagacggcacu.....	3	0	c09
.....gucguggaagcgagacggcacu.....	3	0	c09
.....ucguggaagcgagacggcac.....	1	0	c09
.....ucguggaagcgagacggcacu.....	5	0	c09
.....ucguggaagcgagacggcacua.....	2	0	c09
.....aUuggcgucucuuuugcacaacug.....	1	1	c09
.....guggcgucucuuuugcacaacu.....	1	0	c09
.....Cuggcgucucuuuugcacaacug.....	1	1	c09
.....uggcgucucuuuugcaca.....	16	0	c09
.....Gggcgucucuuuugcaca.....	1	1	c09
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.....Gggcgucucuuuugcacaacu.....	8	1	c09
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.....Aggcgucucuuuugcacaacu.....	3	1	c09
.....uggcCucucuuuugcacaacug.....	1	1	c09
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.....uggcguAucuuuugcacaacug.....	1	1	c09
.....uggcgucucuuuugcCcaacug.....	1	1	c09
.....uAgcgucucuuuugcacaacug.....	2	1	c09
.....Gggcgucucuuuugcacaacug.....	27	1	c09
.....uggcgucucuuuAgcacaacug.....	1	1	c09
.....Cggcgucucuuuugcacaacug.....	1	1	c09
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.....uggcgucucuuuugcacaacCg.....	1	1	c09
.....Gggcgucucuuuugcacaacugc.....	2	1	c09
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.....uggcgucucuuuugcacaacugG.....	3	1	c09
.....uggcgucucuuuugcacaacugc.....	59	0	c09
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.....ggcgucucuuuugcacaacugc.....	16	0	c09
.....cgucucuuuugcacaacu.....	1	0	c09
.....cgucucuuuugcacaacug.....	1	0	c09
.....cgucucuuuugcacaacugcU.....	1	1	c09

Star Mature

ggccugcaaccaucucuugaaguaagacuguugcagucguggaagcgagacggcacuacacggcucacaguggcgucucuuuugcacaacugcaaaggguuuugcaugaugc

.....gucucuuuugcacaacugc.....	2	0	c09
.....guugcagucguggaagcgagacg.....	2	0	c16
.....gcagucguggaagcgagacggcacu.....	1	0	c16
.....agucguggaagcgagacg.....	1	0	c16
.....agucguggaagcgagacgg.....	7	0	c16
.....agucguggaagcgagacggc.....	2	0	c16
.....agucguggaagcgagacggca.....	7	0	c16
.....Cgucguggaagcgagacggca.....	1	1	c16
.....agucguggaagcgagacggcac.....	15	0	c16
.....Cgucguggaagcgagacggcac.....	1	1	c16
.....agucguggaagUgagacggcac.....	1	1	c16
.....agucguggaagcgagacggcaU.....	2	1	c16
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.....agucguggaagcgagaAggcacu.....	1	1	c16
.....agucguggaagcgagacggcacua.....	1	0	c16
.....agucguggaagcgagacggcacuU.....	5	1	c16
.....agucguggaagcgagacggcacuaU.....	1	1	c16
.....gucguggaagcgagacggc.....	1	0	c16
.....gucguggaagcgagCcggcacu.....	1	1	c16
.....gucguggaagcgagacggcacu.....	18	0	c16
.....gucguggaagcgagacggcacuU.....	3	1	c16
.....ucguggaagcgagacggc.....	1	0	c16
.....Gcguggaagcgagacggc.....	1	1	c16
.....ucguggaagcgagacggca.....	1	0	c16
.....ucguggaagcgagacggcac.....	3	0	c16
.....ucguggaagcgagacggcacu.....	25	0	c16
.....Gcguggaagcgagacggcacu.....	3	1	c16
.....ucguggaagcgagacggcacuU.....	2	1	c16
.....ucguggaagcgagacggcacua.....	3	0	c16
.....cguggaagcgagacggcac.....	1	0	c16
.....cguggaagcgagacggcacu.....	1	0	c16
.....cguggaagcgagacggcacuac.....	2	0	c16
.....guggaagcgagacggcacuU.....	1	1	c16
.....Gaguggcgucucuuuugcacaacug.....	1	1	c16
.....aAuggcgucucuuuugcacaacug.....	1	1	c16
.....Cuggcgucucuuuugcaca.....	1	1	c16
.....Cuggcgucucuuuugcacaacu.....	2	1	c16
.....guggcgucucuuuugcacaacu.....	3	0	c16
.....guggcgucucuuuugcacaacug.....	2	0	c16
.....Cuggcgucucuuuugcacaacug.....	2	1	c16
.....Gggcgucucuuuugcaca.....	3	1	c16
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.....uggcgucucuuuugcacaa.....	21	0	c16
.....uggcgucucuuuugcGcaa.....	1	1	c16
.....Gggcgucucuuuugcacaa.....	1	1	c16
.....uggcgucucuuuugcacaac.....	72	0	c16
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.....Gggcgucucuuuugcacaac.....	3	1	c16
.....uggcgCcucuuuugcacaacu.....	1	1	c16
.....Aggcgucucuuuugcacaacu.....	6	1	c16
.....uggcgucucuuuugUacaacu.....	1	1	c16
.....uUgcgucucuuuugcacaacu.....	2	1	c16
.....ugUcgucucuuuugcacaacu.....	2	1	c16
.....uggcgucucuuCugcacaacu.....	1	1	c16
.....uggcgucucuuuuAcacaacu.....	1	1	c16
.....uggcgucucuuuuCcacaacu.....	1	1	c16
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.....uAgcgucucuuuugcacaacu.....	2	1	c16
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.....uggcgucucuuuugcaAaacu.....	1	1	c16
.....ugCcgucucuuuugcacaacu.....	1	1	c16
.....uggcguGucuuuugcacaacu.....	1	1	c16
.....uggcgucucuuuugcacaUcu.....	1	1	c16
.....uggcgucucuuuCgcacaacu.....	3	1	c16
.....uggcgucucCuuugcacaacu.....	1	1	c16
.....uggcgucuUuuuugcacaacu.....	1	1	c16
.....uggcgucucuuuugcacaacA.....	1	1	c16
.....uggAgucucuuuugcacaacu.....	3	1	c16
.....ugAcgucucuuuugcacaacu.....	1	1	c16

Star Mature

ggccugcaaccaucucuugaaguaagacuguugcagucguggaagcgagacggcacuacacggcucacaguggcgucucuuuugcacaacugcaaaggguuuugcaugaugc

.....uggcgucucuuuugcacaacu.....	1312	0	c16
.....uggcgucucuuuugcacCacu.....	1	1	c16
.....uggcgucucuuuugcGcaacu.....	1	1	c16
.....uggcgucucAuuugcacaacu.....	1	1	c16
.....uggcgucucuuuugcacaCcu.....	3	1	c16
.....Gggcgucucuuuugcacaacu.....	78	1	c16
.....uggcgucAcuuuugcacaacu.....	2	1	c16
.....uggcgucucuuuAgcacaacu.....	2	1	c16
.....uggcgucucuuuugcaGaacu.....	1	1	c16
.....uggcgucucuuuugcacGacu.....	1	1	c16
.....uggcgucucuuuugcGcaacug.....	1	1	c16
.....uggUgucucuuuugcacaacug.....	5	1	c16
.....uggcgucucuuuugUacaacug.....	1	1	c16
.....uggcgCcucuuuugcacaacug.....	1	1	c16
.....uggcgucucuuuugcCcaacug.....	2	1	c16
.....uggcguAucuuuugcacaacug.....	1	1	c16
.....uggcAucucuuuugcacaacug.....	1	1	c16
.....uAgcgucucuuuugcacaacug.....	1	1	c16
.....uggcgucuAuuuugcacaacug.....	3	1	c16
.....uggcgucucuuuugcacaacuC.....	2	1	c16
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.....Aggcgucucuuuugcacaacug.....	12	1	c16
.....uggGgucucuuuugcacaacug.....	1	1	c16
.....uggcgucucuuuugcaGaacug.....	2	1	c16
.....uggcgucCcuuuugcacaacug.....	1	1	c16
.....uggcgucucuuuugcacaacuU.....	22	1	c16
.....uggcgucucuuGugcacaacug.....	1	1	c16
.....Cggcgucucuuuugcacaacug.....	5	1	c16
.....uUgcgucucuuuugcacaacug.....	2	1	c16
.....uggAgucucuuuugcacaacug.....	6	1	c16
.....uggcgucuGuuuugcacaacug.....	2	1	c16
.....uggcCucucuuuugcacaacug.....	1	1	c16
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.....uggcgucucuuuugcacaaUug.....	3	1	c16
.....uggcgucucuuuugcacaacAg.....	2	1	c16
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.....uggcgucucuuuugcacGacug.....	1	1	c16
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.....uggcgucuAuuuugcacaacugc.....	1	1	c16
.....uggcgucucuuuugcacaCcugc.....	1	1	c16
.....uCgcgucucuuuugcacaacugc.....	1	1	c16
.....uggcgucucuuuugcacaacugU.....	293	1	c16
.....uggAgucucuuuugcacaacugc.....	1	1	c16
.....Aggcgucucuuuugcacaacugc.....	2	1	c16
.....uggcgucucuuuugcacaacugA.....	13	1	c16
.....uggcgucucGuuugcacaacugc.....	1	1	c16
.....uggcgucucuuuugcacaacugG.....	11	1	c16
.....uggcgucucuuuugAacaacugc.....	1	1	c16
.....uggcgAcucuuuugcacaacugc.....	1	1	c16

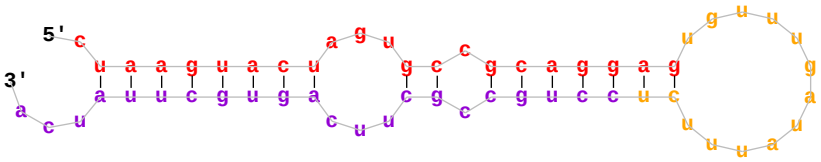
Star Mature

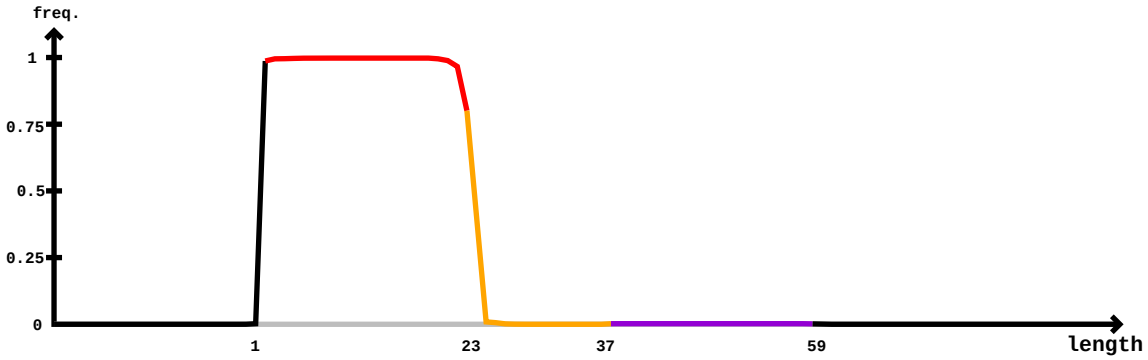
ggccugcaaccaucucuugaaguaagacuguugcagucguggaagcgagacggcacuacacggcucacaguggcgucucuuuugcacaacugcaaaggguuuugcaugaugc

.....uggcgucucuuuugUacaacugc.....	1	1	c16
.....uggcgucucuuuugcacaacugc.....	422	0	c16
.....Gggcgucucuuuugcacaacugc.....	25	1	c16
.....uggcgucucuuuugcacaacugAa.....	3	1	c16
.....uggcgucucuuuugcacaacugca.....	23	0	c16
.....uggcgucucuuuugcacaacugcU.....	98	1	c16
.....uggcgucucuuuugcacaacugUa.....	18	1	c16
.....Gggcgucucuuuugcacaacugca.....	3	1	c16
.....uggcgucucuuuugcacaacugcaa.....	2	0	c16
.....uggcgucucuuuugcacaacugAaa.....	1	1	c16
.....uggcgucucuuuugcacaacugcaU.....	2	1	c16
.....uggcgucucuuuugcacaacugUaa.....	10	1	c16
.....uggcgucucuuuugcacaacugcUa.....	2	1	c16
.....uggcgucucuuuugcacaacugUaaa.....	1	1	c16
.....ggcgucucuuuugcacaac.....	1	0	c16
.....ggcgucucuuuugcacaacu.....	5	0	c16
.....ggcgucucuuuugUacaacu.....	1	1	c16
.....ggcgucucuuuugcacaacug.....	13	0	c16
.....ggcgucucuuuugcacaCcugc.....	2	1	c16
.....ggcgucucuuuAgcacaacugc.....	1	1	c16
.....Ugcgucucuuuugcacaacugc.....	1	1	c16
.....Cgcgucucuuuugcacaacugc.....	1	1	c16
.....ggcgucucuuuugcacaacugU.....	20	1	c16
.....ggcgucucuuuugcacaacugc.....	98	0	c16
.....ggcgucucuuuugcacaacugcU.....	16	1	c16
.....Ugcgucucuuuugcacaacugca.....	1	1	c16
.....ggcgucucuuuugcacaacugca.....	5	0	c16
.....ggcgucucuuuugcacaacugcUaa.....	1	1	c16
.....gcgucucuuuugcacaacugcU.....	1	1	c16
.....cgucucuuuugcacaacu.....	3	0	c16
.....cgucucuuuugcGcaacug.....	1	1	c16
.....cgucucuuuugcacaacug.....	1	0	c16
.....cgucucuuuugcacaacugc.....	19	0	c16
.....cgucucuuuugcacaacugA.....	1	1	c16
.....cgucucuuuugcacaacugUa.....	2	1	c16
.....cgucucuuuugcacaacugcU.....	4	1	c16
.....gucucuuuugcacaacugc.....	5	0	c16
.....ucucuuuugcacaacugc.....	1	0	c16
.....ucucuuuugcacaacugU.....	1	1	c16

.....ucuuCaaguaagacuguu.....	1	1	c04
.....uggcgucucuuuugcacaacu.....	4	0	c04
.....uggcgucucuuuugcacaacug.....	22	0	c04
.....uggAgucucuuuugcacaacug.....	1	1	c04
.....Gggcgucucuuuugcacaacug.....	1	1	c04
.....uggcgucucuuuugcacaacugc.....	2	0	c04
.....uggcgucucuuuugcacaacugU.....	4	1	c04
.....Gggcgucucuuuugcacaacugc.....	1	1	c04

Provisional ID	:	group5_9744
Score total	:	132867.1
Score for star read(s)	:	3.9
Score for read counts	:	132857.5
Score for mfe	:	1.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	260606
Mature read count	:	260027
Loop read count	:	0
Star read count	:	579





Mature **Star**

```
5'- aagaauacuaaaucuuguucCUAAGUACUAGUGCCGCAGGAGUGUUUGAUAUUUCUCCUGCCGCUUCAGUGCUUAUCAaugaguacuuaguguuacaccgcaucuguca -3'   obs
    aagaauacuaaaucuuguucCUAAGUACUAGUGCCGCAGGAGUGUUUGAUAUUUCUCCUGCCGCUUCAGUGCUUAUCAaugaguacuuaguguuacaccgcaucuguca       exp
    ...(((((((..((((((..(((((((((...((.(((((((.............)))))))..))...)))))))..))))))...)))))))).............
```

	reads	mm	sample
.....cuaaguacuagugccgca.....	3	0	c04
.....cuaaguacuagugccgcag.....	1	0	c04
.....cuaaguacuagugccgcaA.....	1	1	c04
.....cuaaguacuagugccgcagU.....	1	1	c04
.....cuaaguacuagugccgcagg.....	13	0	c04
.....cuaaguacuagugccgcagga.....	99	0	c04
.....cuaaguacuagugAcgcagga.....	1	1	c04
.....cuaaguacuaAugccgcagga.....	1	1	c04
.....cuaaguacuagugccUcaggag.....	4	1	c04
.....cuaaguacuUgugccgcaggag.....	1	1	c04
.....cuaaguacuagugccgcagCag.....	3	1	c04
.....cuaaguaAuagugccgcaggag.....	1	1	c04
.....cuaaguacuagugccgcaggaC.....	1	1	c04
.....cuaaguacuagugcAgcaggag.....	2	1	c04
.....cuaaguacuagugccgcagAag.....	1	1	c04
.....cuaagGacuagugccgcaggag.....	1	1	c04
.....cuaaguacuagugcUgcaggag.....	2	1	c04
.....cuaaguacuagugccgcaggaA.....	7	1	c04
.....cuaaguacuagAgccgcaggag.....	2	1	c04
.....cuaaguacuagugccgcaAgag.....	1	1	c04
.....cuaaguacuagugccgcaggaU.....	14	1	c04
.....cuaaguacuagugAcgcaggag.....	2	1	c04
.....cuaaguacuagugUcgcaggag.....	2	1	c04
.....cuaaguacuCgugccgcaggag.....	1	1	c04
.....cuaaguacuagugccgcagUag.....	1	1	c04
.....cuaaguacuagugccgcaggag.....	561	0	c04
.....cuaaguacuagugccgcaggagu.....	29	0	c04
.....cuaaguacuaCugccgcaggagu.....	1	1	c04
.....cuaaguacuagugccgcaggagA.....	3	1	c04
.....cuaaguacuagugccgcaggaAu.....	1	1	c04
.....cuaaguacuagugccgcaggaUu.....	4	1	c04
.....cuaaguacuagugccgcaggagGg.....	1	1	c04
.....cuaaguacuagugccgcaggagAg.....	1	1	c04

Mature Star

aagaauacuaaaucuuguucCUAAGUACUAGUGCCGCAGGAGUGUUUGAUAUUUCUCCUGCCGCUUCAGUGCUUAUCAAUGAGUACUUAGUGUUACACCGCAUCUGUCA

.....cuaaguacuagugccgcaggaguA.....	1	1	c04
.....cuaaguacuagugccgcaggaguUu.....	4	1	c04
.....uaaguacuagugccgcaggag.....	8	0	c04
.....uaaguacuagugccgcaggaguU.....	1	1	c04
.....aguacuagugccgcaggag.....	1	0	c04
.....guacuagugccgcaggag.....	2	0	c04
.....ccugccgcuucagugcuuauca.....	1	0	c04
.....guCccuaaguacuagugccgcaggag.....	1	1	c16
.....gGuccuaaguacuagugccgcaggag.....	2	1	c16
.....guuAcuaaguacuagugccgcaggag.....	1	1	c16
.....guuccuaaguacuagugccgcaggag.....	1	0	c16
.....Cuuccuaaguacuagugccgcaggag.....	1	1	c16
.....Cuccuaaguacuagugccgcaggag.....	1	1	c16
.....uccuaaguacuagugccgcag.....	2	0	c16
.....Cccuaaguacuagugccgcag.....	1	1	c16
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.....Gccuaaguacuagugccgcagg.....	1	1	c16
.....uccuaaguacuagugccgcaggU.....	1	1	c16
.....Cccuaaguacuagugccgcagga.....	1	1	c16
.....Gccuaaguacuagugccgcagga.....	1	1	c16
.....uccuaaguacuagugccgcagga.....	6	0	c16
.....uccuaaguacuagugccgcaggaU.....	2	1	c16
.....Gccuaaguacuagugccgcaggag.....	1	1	c16
.....ccuaaguacuagugccgca.....	2	0	c16
.....ccuaaguacuagugccgcag.....	4	0	c16
.....ccuaaguacuagugccgcagg.....	17	0	c16
.....ccuaaguacuagAgccgcagga.....	1	1	c16
.....ccuaaguaGuagugccgcagga.....	1	1	c16
.....ccuaaguacuagugAcgcagga.....	2	1	c16
.....ccuaaguacuagugccgcagga.....	190	0	c16
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.....ccuaaguacuagugccgcaggU.....	1	1	c16
.....Ucuaaguacuagugccgcaggag.....	3	1	c16
.....ccuaaguacuagugAcgcaggag.....	2	1	c16
.....ccuaaguacuagugccgcaggaC.....	1	1	c16
.....ccuaaguacuagugccgcaggaU.....	15	1	c16
.....ccuaaguacuagugccgcaggaA.....	4	1	c16
.....ccuaaguacuagugccgcaggag.....	61	0	c16
.....Acuaaguacuagugccgcaggag.....	1	1	c16
.....ccuaaCuacuagugccgcaggag.....	1	1	c16
.....ccuaaguacuagugccUcaggag.....	1	1	c16
.....ccuaaguacuagugccgcaggaUu.....	11	1	c16
.....ccuaaguacuagugccgcaggagu.....	7	0	c16
.....ccuaaguacuagugccgcaggaAu.....	1	1	c16
.....ccuaaguacuagugccgcaggaguU.....	1	1	c16
.....cuaaguacuagugAcgca.....	1	1	c16
.....cuaaguacuagugcAgca.....	3	1	c16
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.....cuaaguacuagugcUgca.....	1	1	c16
.....cuaaguacuagugccgca.....	333	0	c16
.....cuaaCuacuagugccgca.....	2	1	c16
.....cAaaguacuagugccgca.....	1	1	c16
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.....cuaaguacuagugcUgcag.....	1	1	c16
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.....cuaaguacuCgugccgcag.....	1	1	c16

Mature Star

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.....cuGaguacuagugccgcag.....	1	1	c16
.....cuaaguacuagugccgcaC.....	5	1	c16
.....cuaaguacuagugccgAag.....	1	1	c16
.....cuaaguacuagugccgcaU.....	1	1	c16
.....cuaaguacuagugAcgcag.....	2	1	c16
.....cAaaguacuagugccgcag.....	2	1	c16
.....cuaagAacuagugccgcag.....	2	1	c16
.....cuaaguaAuagugccgcag.....	1	1	c16
.....cuaaguacCagugccgcagg.....	1	1	c16
.....cuaaguacuagugcGgcagg.....	1	1	c16
.....cuaaguacuagugccgcGgg.....	4	1	c16
.....cuaaguacuagugccCcagg.....	1	1	c16
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.....cuaaguacuaCugccgcagg.....	3	1	c16
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.....cuaaguacuGgugccgcagg.....	1	1	c16
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.....cuaaguacuagugccgcagC.....	8	1	c16
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.....cuaaguacuCgugccgcagga.....	4	1	c16
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.....cuaaguacuagugccgcagUa.....	15	1	c16
.....cGaaguacuagugccgcagga.....	11	1	c16

Mature Star

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.....cuaaguacuagugccgcagga.....	23478	0	c16
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.....cuaGguacuagugccgcagga.....	4	1	c16
.....Auaaguacuagugccgcagga.....	13	1	c16
.....cuaaguacuagugAcgcagga.....	103	1	c16
.....cuaaguacuagugccgcCgga.....	8	1	c16
.....cuaaguacuaguCccgcagga.....	48	1	c16
.....cuaaguacuGgugccgcagga.....	9	1	c16
.....cuaaguacuagugUcgcagga.....	25	1	c16
.....cuaaguaGuagugccgcagga.....	1	1	c16
.....cuaaguacuagugccgUagga.....	21	1	c16
.....cuaaguacuagAgccgcagga.....	34	1	c16
.....cuaaguacuagugccgcaCga.....	34	1	c16
.....cuUaguacuagugccgcagga.....	1	1	c16
.....Guaaguacuagugccgcagga.....	6	1	c16
.....cuaaguacuagugccUcagga.....	38	1	c16
.....cuaaguacuagugcUgcagga.....	42	1	c16
.....cuaaguaAuagugccgcagga.....	20	1	c16
.....cuaaguacuagugccgGagga.....	5	1	c16
.....cCaaguacuagugccgcagga.....	7	1	c16
.....cuaaguCcuagugccgcagga.....	6	1	c16
.....cuaaguacAagugccgcagga.....	14	1	c16
.....cuaaguacuagugccgcaggU.....	43	1	c16
.....cuaaUuacuagugccgcagga.....	10	1	c16
.....cuaaguacuaguUccgcagga.....	6	1	c16
.....cuaaguacuagugcAgcagga.....	108	1	c16
.....cuaaguacuaAugccgcagga.....	3	1	c16
.....cuaaguacCagugccgcagga.....	5	1	c16
.....cuaagGacuagugccgcagga.....	4	1	c16
.....cuaaguacuaCugccgcagga.....	39	1	c16
.....cuaaguacuagugcGgcagga.....	2	1	c16
.....cAaaguacuagugccgcagga.....	21	1	c16
.....cuaaguacuagugccgcaggC.....	46	1	c16
.....cuaaguacuUgugccgcagga.....	2	1	c16
.....cuaaAuacuagugccgcagga.....	2	1	c16
.....cuaCguacuagugccgcagga.....	4	1	c16
.....cuaaguacuagugccgAagga.....	33	1	c16
.....cuaaguacuagGgccgcagga.....	1	1	c16
.....cuaaguacuagugccgcaggaA.....	1394	1	c16
.....cuaaguacuagugccgcGggag.....	80	1	c16
.....cuaaguaAuagugccgcaggag.....	84	1	c16
.....cuaaguacuagugccgcCggag.....	27	1	c16
.....cuCaguacuagugccgcaggag.....	7	1	c16
.....cuaaguacuagugccgGaggag.....	16	1	c16
.....cuaaguacuaCugccgcaggag.....	146	1	c16
.....cuaaguacuagugcAgcaggag.....	383	1	c16
.....cuaaguacuagugccAcaggag.....	52	1	c16
.....cuaaguacuagugccgcaggag.....	102918	0	c16
.....cuaaguacuagugccgUaggag.....	79	1	c16
.....cuaaguacCagugccgcaggag.....	31	1	c16
.....cuaaguacuaguCccgcaggag.....	175	1	c16
.....cuaaguCcuagugccgcaggag.....	38	1	c16
.....cuaaguacuagugccgcaggUg.....	20	1	c16
.....cuaaguacuaguUccgcaggag.....	36	1	c16
.....cuaaguacuaguAccgcaggag.....	19	1	c16
.....cuaCguacuagugccgcaggag.....	9	1	c16
.....cuaaguacuGgugccgcaggag.....	46	1	c16
.....cuaaguacuagugcGgcaggag.....	14	1	c16
.....cuaaguacuagGgccgcaggag.....	10	1	c16
.....cuaaguacuagugccgcUggag.....	37	1	c16
.....cuaaguGcuagugccgcaggag.....	13	1	c16
.....Auaaguacuagugccgcaggag.....	57	1	c16
.....cuaaguacuagugccgcagUag.....	80	1	c16
.....cuaaguacuagugAcgcaggag.....	374	1	c16
.....cuaaguacuagugccUcaggag.....	154	1	c16
.....cuaaUuacuagugccgcaggag.....	29	1	c16
.....cuaaguacuagugccgcagAag.....	13	1	c16
.....cuaaguacuagugccgcaggaC.....	242	1	c16
.....cuaaguacuagAgccgcaggag.....	142	1	c16

Mature Star

aagaauacuaaaucuuguucCUAAGUACUAGUGCCGCAGGAGUGUUUGAUAUUUCUCCUGCCGCUUCAGUGCUUAUCAAUGAGUACUUAGUGUUACACCGCAUCUGUCA

.....cuaaguacuagugccgcaggGg.....	39	1	c16
.....cuaaguaGuagugccgcaggag.....	10	1	c16
.....cuaagGacuagugccgcaggag.....	11	1	c16
.....cuaaguacuagugccgcaAgag.....	12	1	c16
.....cuaUguacuagugccgcaggag.....	15	1	c16
.....cuaaguacuUgugccgcaggag.....	18	1	c16
.....cuaaAuacuagugccgcaggag.....	15	1	c16
.....cuaagAacuagugccgcaggag.....	101	1	c16
.....cuaaguacuagugccgcagCag.....	112	1	c16
.....cuaaguacAagugccgcaggag.....	58	1	c16
.....cuaaguaUuagugccgcaggag.....	24	1	c16
.....cuaaguacuagCgccgcaggag.....	20	1	c16
.....cuaaguacuagugGcgcaggag.....	16	1	c16
.....Guaaguacuagugccgcaggag.....	6	1	c16
.....cuaaguacuagugccgcaUgag.....	82	1	c16
.....cuaaguacuagugccgcaggCg.....	58	1	c16
.....cuUaguacuagugccgcaggag.....	4	1	c16
.....cuGaguacuagugccgcaggag.....	26	1	c16
.....Uuaaguacuagugccgcaggag.....	23	1	c16
.....cuaaguacuaAugccgcaggag.....	10	1	c16
.....cuaaguacuagugccCcaggag.....	136	1	c16
.....cAaaguacuagugccgcaggag.....	77	1	c16
.....cuaaguacuagugcUgcaggag.....	140	1	c16
.....cuaaguacuagugccgcaggaU.....	6451	1	c16
.....cuaaguacuagugccgcaCgag.....	164	1	c16
.....cuaaguacuagugccgAaggag.....	146	1	c16
.....cuaaguacuaUugccgcaggag.....	38	1	c16
.....cuaagCacuagugccgcaggag.....	14	1	c16
.....cGaaguacuagugccgcaggag.....	33	1	c16
.....cuaaguacuagugUcgcaggag.....	68	1	c16
.....cuaaguacuCgugccgcaggag.....	3	1	c16
.....cCaaguacuagugccgcaggag.....	30	1	c16
.....cuaaguacGagugccgcaggag.....	21	1	c16
.....cuaaguUcuagugccgcaggag.....	27	1	c16
.....cuaaCuacuagugccgcaggag.....	134	1	c16
.....cuaGguacuagugccgcaggag.....	12	1	c16
.....cuaaguaAuagugccgcaggagu.....	9	1	c16
.....cuaagAacuagugccgcaggagu.....	8	1	c16
.....cuaaguUcuagugccgcaggagu.....	2	1	c16
.....cuaaguacuagugccgcagCagu.....	7	1	c16
.....cuaaguacuaguAccgcaggagu.....	4	1	c16
.....cGaaguacuagugccgcaggagu.....	4	1	c16
.....cuaaguacuagugccgcGggagu.....	7	1	c16
.....cuaaguacuagCgccgcaggagu.....	2	1	c16
.....Auaaguacuagugccgcaggagu.....	8	1	c16
.....cuUaguacuagugccgcaggagu.....	2	1	c16
.....cuaaguacuagugcAgcaggagu.....	35	1	c16
.....cuaaguaGuagugccgcaggagu.....	1	1	c16
.....cuaaguacuGgugccgcaggagu.....	3	1	c16
.....cuaaguacuagugccgcaggaUu.....	2478	1	c16
.....Uuaaguacuagugccgcaggagu.....	5	1	c16
.....cuaaguacuagugccCcaggagu.....	9	1	c16
.....cuaaguacuagugcUgcaggagu.....	17	1	c16
.....cuaaguacuagugccgcaggagA.....	998	1	c16
.....cuaaguacuagAgccgcaggagu.....	7	1	c16
.....cuaaguGcuagugccgcaggagu.....	3	1	c16
.....cuaaguacuaCugccgcaggagu.....	17	1	c16
.....cuaaguacuagugccAcaggagu.....	5	1	c16
.....cuaaguacuagugccgcUggagu.....	3	1	c16
.....cuaaguacGagugccgcaggagu.....	4	1	c16
.....cAaaguacuagugccgcaggagu.....	6	1	c16
.....cuaaguacuaguCccgcaggagu.....	18	1	c16
.....cCaaguacuagugccgcaggagu.....	2	1	c16
.....cuaaguacuagugccgcaggagu.....	9121	0	c16
.....cuaaguacuaUugccgcaggagu.....	3	1	c16
.....cuaaguacuagugccgcaggagC.....	327	1	c16
.....cuaaguacuagugccgcaggCgu.....	1	1	c16
.....cuaaguacuagugccgcaCgagu.....	12	1	c16
.....cuaaguacuCgugccgcaggagu.....	1	1	c16
.....cuaaguacuagugAcgcaggagu.....	31	1	c16

Mature Star

aagaauacuaaaucuuguucCuaaguacuagugccgcaggaguguuuugauauuucuccugccgcuucagugcuuaucaaugaguacuuaguguuacaccgcaucuguca

.....cuaagCacuagugccgcaggagu.....	1	1	c16
.....cuaaguacuagugGcgcaggagu.....	2	1	c16
.....cuaaguaUuagugccgcaggagu.....	1	1	c16
.....cuaaguacuaAugccgcaggagu.....	1	1	c16
.....cuaaguacuagugccgcaggagG.....	75	1	c16
.....cuaaguacuaguUccgcaggagu.....	1	1	c16
.....cuaaguacuagugccgcaggaCu.....	46	1	c16
.....cuaGguacuagugccgcaggagu.....	1	1	c16
.....cuaaCuacuagugccgcaggagu.....	15	1	c16
.....cuaaguacuagugcGgcaggagu.....	1	1	c16
.....cuaaguacuagugccgUaggagu.....	11	1	c16
.....cuaaguCcuagugccgcaggagu.....	3	1	c16
.....cuaagGacuagugccgcaggagu.....	2	1	c16
.....cuaaUuacuagugccgcaggagu.....	1	1	c16
.....cuaaguacuagugccgcagAagu.....	1	1	c16
.....cuaaguacuagGgccgcaggagu.....	2	1	c16
.....cuaaguacCagugccgcaggagu.....	2	1	c16
.....cuaaguacuUgugccgcaggagu.....	2	1	c16
.....cuGaguacuagugccgcaggagu.....	1	1	c16
.....cuaaguacuagugccgcaUgagu.....	6	1	c16
.....cuaaguacuagugccgcaggUgu.....	4	1	c16
.....cuaaAuacuagugccgcaggagu.....	1	1	c16
.....cuaaguacuagugccgcaggGgu.....	6	1	c16
.....cuaaguacuagugccgcCggagu.....	2	1	c16
.....cuaaguacuagugccgAaggagu.....	13	1	c16
.....cuaaguacAagugccgcaggagu.....	1	1	c16
.....cuaaguacuagugccgGaggagu.....	1	1	c16
.....cuaaguacuagugccgcagUagu.....	4	1	c16
.....cuaaguacuagugccgcaggaAu.....	326	1	c16
.....cuaaguacuagugUcgcaggagu.....	7	1	c16
.....cuaaguacuagugccUcaggagu.....	6	1	c16
.....cuaaguacuagugccgcaggagAg.....	14	1	c16
.....cuaaguacuagugccgcaggaguA.....	20	1	c16
.....cuaaguacuagugccgcaggaUug.....	8	1	c16
.....cuaaguacuagugccgcaggagCg.....	10	1	c16
.....cuaaguacuagugcAgcaggagug.....	2	1	c16
.....cuaaguacuagugccgcaggagug.....	18	0	c16
.....cuaaguacuagugccgcaggagGg.....	20	1	c16
.....cuaaguacuagugccgcaggaguU.....	372	1	c16
.....cuaaguacuagugccgcaggaguC.....	15	1	c16
.....cuaaguacuagugccgcaggaguUu.....	879	1	c16
.....cuaaguacuagugccgcaggagugG.....	2	1	c16
.....cuaaguacuagugccgcaggaUugu.....	3	1	c16
.....cuaaguacuagugccgcaggaguAu.....	17	1	c16
.....cuaaguacuagugccgcaggagGgu.....	1	1	c16
.....cuaaguacuagugccgcaggagAgu.....	1	1	c16
.....cuaaguacuagugccgcaggagugA.....	2	1	c16
.....cuaaguacuagugccgcaggagugu.....	29	0	c16
.....cuaaguacuagugccgcaggaguCu.....	35	1	c16
.....cuaaguacuagugccgcaggagGguu.....	1	1	c16
.....cuaaguacuagugccgcaggaguUuu.....	228	1	c16
.....cuaaguacuagugccgcaggagugGu.....	1	1	c16
.....cuaaguacuagugccgcaggaguguu.....	5	0	c16
.....cuaaguacuagugccgcaggaguCuuu.....	1	1	c16
.....cuaaguacuagugccgcaggaguguuC.....	1	1	c16
.....cuaaguacuagugccgcaggagGguuu.....	1	1	c16
.....cuaaguacuagugccgcaggaguguuu.....	1	0	c16
.....cuaaguacuagugccgcaggaguUuuu.....	67	1	c16
.....cuaaguacuagugccgcaggaguUuuug.....	3	1	c16
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.....cuaaguacuagugccgcaggaguguuugauau.....	1	0	c16
.....cuaaguacuagugccgcaggaguguuugauauuucu.....	2	0	c16
.....uaaguacuagugccgcag.....	3	0	c16
.....uaaguacuagugccgAag.....	1	1	c16
.....Gaaguacuagugccgcag.....	1	1	c16
.....Gaaguacuagugccgcagg.....	4	1	c16
.....uaaguacuagugccgcagg.....	26	0	c16
.....Gaaguacuagugccgcagga.....	16	1	c16
.....uaaguacuagugccgcaggU.....	1	1	c16

Mature Star

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.....uaaguacuagugccgcagUa.....	1	1	c16
.....uaaCuacuagugccgcagga.....	1	1	c16
.....uaaguacuagugccgcaggC.....	1	1	c16
.....Aaaguacuagugccgcagga.....	2	1	c16
.....uaaguacuagugccgcaggGg.....	1	1	c16
.....uaaguacuagugccgcaCgag.....	1	1	c16
.....uaaguacuagugccgcaggaU.....	37	1	c16
.....uaaguacuagugUcgcaggag.....	1	1	c16
.....uaaguacuagugcUgcaggag.....	1	1	c16
.....uaaguacuagugccgUaggag.....	1	1	c16
.....uaaguacuagugccgcaggaC.....	1	1	c16
.....uaaguacuaguUccgcaggag.....	1	1	c16
.....uaaguacuagugccgAaggag.....	2	1	c16
.....uaaguacuagugccgcaggaA.....	6	1	c16
.....uaaguacuagugccgcaggag.....	698	0	c16
.....uaaguacuaguCccgcaggag.....	1	1	c16
.....uaaguacuagugccgcaggCg.....	2	1	c16
.....uaaguacuagugAcgcaggag.....	4	1	c16
.....Aaaguacuagugccgcaggag.....	3	1	c16
.....uaaguacuaCugccgcaggag.....	1	1	c16
.....uaaguacuagugccgcagUag.....	1	1	c16
.....uaaguacuagugccUcaggag.....	1	1	c16
.....Caaguacuagugccgcaggag.....	1	1	c16
.....uGaguacuagugccgcaggag.....	1	1	c16
.....Gaaguacuagugccgcaggag.....	68	1	c16
.....uaaguacuagugccgcaggagu.....	62	0	c16
.....uaaguacuagugccgcaggagC.....	2	1	c16
.....uaaguacuagugccgcaggaUu.....	14	1	c16
.....Gaaguacuagugccgcaggagu.....	8	1	c16
.....uaaguacuagugccgcaggaAu.....	1	1	c16
.....uaaguacuagugccgcaggagA.....	5	1	c16
.....uaaguacuagugccgcaggagG.....	2	1	c16
.....uaaguacuagugccgcaggaCu.....	1	1	c16
.....uaaguacuaCugccgcaggagu.....	1	1	c16
.....uaaguacuagugccgcaggaguC.....	1	1	c16
.....uaaguacuagugccgcaggaguU.....	3	1	c16
.....uaaguacuagugccgcaggagugu.....	2	0	c16
.....uaaguacuagugccgcaggaguUu.....	4	1	c16
.....uaaguacuagugccgcaggaguUuuu.....	1	1	c16
.....aaguacuagugccgcagg.....	1	0	c16
.....aaguacuagugccgcagga.....	11	0	c16
.....aGguacuagugccgcaggag.....	1	1	c16
.....aaguacuagugccgcaggag.....	48	0	c16
.....aagAacuagugccgcaggag.....	1	1	c16
.....aagGacuagugccgcaggag.....	1	1	c16
.....Caguacuagugccgcaggag.....	4	1	c16
.....aaguacuagugccgcaggaU.....	2	1	c16
.....Uaguacuagugccgcaggag.....	1	1	c16
.....aaguacuagugccgcaggaAu.....	1	1	c16
.....aaguacuagugccgcaggagu.....	3	0	c16
.....aaguacuagugccgcaggaUu.....	3	1	c16
.....aaCuacuagugccgcaggagu.....	1	1	c16
.....aaguacuagugccgcaggaguU.....	1	1	c16
.....aaguacuagugccgcaggaguUu.....	2	1	c16
.....aguacuagugccgcagga.....	30	0	c16
.....Cguacuagugccgcagga.....	1	1	c16
.....aguacuagAgccgcagga.....	1	1	c16
.....aguacuagugccgcaggag.....	92	0	c16
.....aguacuagugAcgcaggag.....	1	1	c16
.....Gguacuagugccgcaggag.....	1	1	c16
.....aguacuagugccgcaggaU.....	9	1	c16
.....aguacuagugccgcaggaA.....	1	1	c16
.....aguacuagugccgcaggaC.....	1	1	c16
.....Cguacuagugccgcaggag.....	6	1	c16
.....aguacuagugccgcaggCg.....	1	1	c16
.....aguacuagugcGgcaggag.....	1	1	c16
.....aguacuagugccgcaggaCu.....	1	1	c16
.....aguacuagugccgcaggaUu.....	5	1	c16
.....Cguacuagugccgcaggagu.....	1	1	c16

Mature Star

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.....aguacuagugccgcaggaguUuu.....	2	1	c16
.....aguacuagugccgcaggaguUuuu.....	1	1	c16
.....guacuagugccgAaggag.....	1	1	c16
.....guacuagugccgcaggag.....	71	0	c16
.....guacuagugccgcaggaA.....	1	1	c16
.....Cuacuagugccgcaggag.....	1	1	c16
.....guacuagugccgcaggaU.....	16	1	c16
.....guacuagugccgcGggag.....	1	1	c16
.....guacuagugccgcaggaUu.....	18	1	c16
.....guacuagugccgcaggagu.....	17	0	c16
.....guacuagugccgcaggaCu.....	1	1	c16
.....guacuagugccgcaggagA.....	1	1	c16
.....guacuagugccgcCggagu.....	1	1	c16
.....guacuagugccgcaggaguU.....	1	1	c16
.....guacuagugccgcaggaguUuu.....	1	1	c16
.....Gacuagugccgcaggagu.....	1	1	c16
.....uacuagugcUgcaggagu.....	1	1	c16
.....uacuagugccgcaggaAu.....	1	1	c16
.....uacuagugccgcaggaUu.....	7	1	c16
.....uacuagugccgcaggagA.....	1	1	c16
.....uacuagugccgcaggagu.....	11	0	c16
.....uacuagugccgcaggaguU.....	2	1	c16
.....uacuagugccgcaggaguUu.....	3	1	c16
.....uacuagugccgcaggaguguu.....	1	0	c16
.....acuagugccgcaggaguU.....	3	1	c16
.....acuagugccgcaggagug.....	1	0	c16
.....acuagugccgcaggagugu.....	1	0	c16
.....acuagugccgcaggaguUu.....	7	1	c16
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.....acuagugccgcaggaguUuuu.....	1	1	c16
.....acuagugccgcaggaguguuugau.....	2	0	c16
.....cuagugccgcaggaguUu.....	3	1	c16
.....cuagugccgcaggaguguA.....	1	1	c16
.....cuagugccgcaggaguCuu.....	1	1	c16
.....auuucuccugccgcuucagugcuuau.....	1	0	c16
.....cuccugccgcuucagugc.....	1	0	c16
.....uccugccgcuucagugcuuau.....	2	0	c16
.....uccugccgcuucagugcuuauU.....	1	1	c16
.....uccugccgcuucagugcuuauc.....	1	0	c16
.....ccugccgcuucagugcuu.....	2	0	c16
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.....ccugccgcuucagugcuuU.....	1	1	c16
.....ccugccgcuucagugcuua.....	1	0	c16
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.....ccugccgcuuAagugcuuau.....	1	1	c16
.....ccugccgcuucagugcuuauU.....	1	1	c16
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.....ccugccgcuucagugcuuauca.....	189	0	c16
.....ccugccgcuucaguCcuuauca.....	1	1	c16
.....ccugcAgcuucagugcuuauca.....	1	1	c16
.....ccugccgcuucagugcuuaucU.....	18	1	c16
.....ccugccgcAucagugcuuauca.....	1	1	c16
.....ccugccgcuucagGgcuuauca.....	1	1	c16
.....Acugccgcuucagugcuuauca.....	1	1	c16
.....ccuCccgcuucagugcuuauca.....	1	1	c16
.....ccugccgcuucagAgcuuauca.....	1	1	c16
.....ccugccgcuuUagugcuuauca.....	1	1	c16
.....ccugccgcuucagugcuuaucaa.....	5	0	c16
.....ccugccgcuucagugcuuaucaU.....	4	1	c16
.....ccugccgcuucagugcuuaucaaA.....	1	1	c16
.....ccugccgcuucagugcuuaucaUu.....	1	1	c16
.....ccugccgcuucagugcuuaucaGug.....	1	1	c16
.....cugccgcAucagugcuuauc.....	1	1	c16
.....cugccgcuucagugcuuauc.....	7	0	c16
.....cugccgcuucagugcuuaucU.....	1	1	c16
.....cugccgcuucagugcuuauca.....	8	0	c16
.....cugccgcuucagugcuuaucaa.....	1	0	c16
.....ugccgcuucagugcuuaucaa.....	1	0	c16

Mature Star

aagaauacuaaaaucuuguucuaaguacuagugccgcaggaguguuugauauuucuccugccgcuucagugcuuaucaaugaguacuuaguguuacaccgcaucuguca

.....guucAuaaguacuagugcc.....	1	1	c09
.....guuccuaaguacuagugccgcaggag.....	1	0	c09
.....uUcuaaguacuagugccgcagga.....	1	1	c09
.....uUcuaaguacuagugccgcaggag.....	1	1	c09
.....ccuaaguacuagugccgcag.....	5	0	c09
.....ccuaaguacuagugccgcagg.....	4	0	c09
.....Ucuaaguacuagugccgcagga.....	1	1	c09
.....ccuaaguacuagugccgcagga.....	29	0	c09
.....cAuaaguacuagugccgcagga.....	1	1	c09
.....ccuaaguacuagugccgcaggaA.....	1	1	c09
.....ccuaaguacuagugccgcaggag.....	5	0	c09
.....ccuaaguacuagugccgcaggaAu.....	1	1	c09
.....cuaagAacuagugccgca.....	1	1	c09
.....cuaaguacuGgugccgca.....	1	1	c09
.....cuaaguacuagugccgcC.....	2	1	c09
.....cuaaguacuagugccgca.....	142	0	c09
.....cuaaguacuagugcAgca.....	1	1	c09
.....cuaaguacuagugccCca.....	1	1	c09
.....cuaaguacuagugccUca.....	1	1	c09
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.....cuaaguacuagugccgGag.....	1	1	c09
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.....cuaagAacuagugccgcagg.....	1	1	c09
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.....cuaaguacuagugccgUagg.....	1	1	c09
.....cuaaguacuagugccgcUgg.....	1	1	c09
.....cuaaguacuagugccCcagg.....	1	1	c09
.....cuaaguacuagAgccgcagg.....	1	1	c09
.....cuaaguacuagugcUgcagg.....	2	1	c09
.....cuaaguacuagugccgcagU.....	3	1	c09
.....cAaaguacuagugccgcagg.....	1	1	c09
.....cuaaguacuagugccgcagg.....	566	0	c09
.....cuaaguacuagugcAgcagg.....	2	1	c09
.....cuaaguacuagugccgcagA.....	1	1	c09
.....cuaaguacuagugccgcagC.....	1	1	c09
.....cuaaguacuGgugccgcagg.....	1	1	c09
.....cuaaguacuaguUccgcagg.....	1	1	c09
.....cuaaguacuagugccgcGgg.....	1	1	c09
.....cuaaguaAuagugccgcagga.....	3	1	c09
.....cuaaguacuaCugccgcagga.....	1	1	c09
.....cuaaguCcuagugccgcagga.....	1	1	c09
.....cuaaguacuagugccgcaggG.....	5	1	c09
.....Uuaaguacuagugccgcagga.....	3	1	c09
.....cuaaguacuagAgccgcagga.....	4	1	c09
.....cuaaguacuagugUcgcagga.....	3	1	c09
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.....Auaaguacuagugccgcagga.....	2	1	c09
.....cuaaguacuagugccgcCgga.....	1	1	c09
.....cuaaguacuagugccgcaAga.....	1	1	c09
.....cuaagAacuagugccgcagga.....	3	1	c09
.....cuaaguacuGgugccgcagga.....	2	1	c09
.....cuaaguacuaguUccgcagga.....	3	1	c09
.....cuaaguacuagugccgAagga.....	6	1	c09
.....cGaaguacuagugccgcagga.....	1	1	c09
.....cuaaguaUuagugccgcagga.....	3	1	c09
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.....cuaaguacuagugccgcGgga.....	3	1	c09
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.....cuaaguacuagugAcgcagga.....	14	1	c09
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.....cuaaguUcuagugccgcagga.....	3	1	c09
.....cuaaguacuUgugccgcagga.....	1	1	c09
.....cuaaguacuagugccUcagga.....	10	1	c09
.....cuaaguacuagCgccgcagga.....	1	1	c09
.....cuaaguacuagugccgcaCga.....	2	1	c09
.....cuaaCuacuagugccgcagga.....	4	1	c09
.....cuaaguacuagugccgcagUa.....	5	1	c09
.....cuaaguacuagugccAcagga.....	3	1	c09

Mature Star

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.....cuaaguacuagugccgcagga.....	4170	0	c09
.....cuUaguacuagugccgcagga.....	1	1	c09
.....cuaaguacuagugccgUagga.....	6	1	c09
.....cuaGguacuagugccgcagga.....	3	1	c09
.....cuaaguacuagugccgcaUga.....	5	1	c09
.....Guaaguacuagugccgcagga.....	1	1	c09
.....cuaaguacuagugcUgcagga.....	9	1	c09
.....cuaaguacuagugccgcaggC.....	6	1	c09
.....cuaaguacuagugcccCcagga.....	2	1	c09
.....cuaaguacuagugccgcagCa.....	4	1	c09
.....cuaaguacuagugcAgcagga.....	11	1	c09
.....cuaaguacuagugccgcaggU.....	23	1	c09
.....cuaaguacuagugccgcagCag.....	14	1	c09
.....cuaaguacuCgugccgcaggag.....	3	1	c09
.....cuaaguacuagugccgcaggag.....	13891	0	c09
.....cuaaguacuagugccgcaggUg.....	2	1	c09
.....cuaaguacuagugccgcagUag.....	16	1	c09
.....cuaUguacuagugccgcaggag.....	1	1	c09
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.....cuaaguacuagCgccgcaggag.....	5	1	c09
.....cuaaguacuagugUcgcaggag.....	16	1	c09
.....cuaaguacuagugccgcaggCg.....	3	1	c09
.....cuaaguaUuagugccgcaggag.....	2	1	c09
.....cuaaguacuagGgccgcaggag.....	1	1	c09
.....cuaaguacuagugccgcCggag.....	4	1	c09
.....cuaaguacuagugccgcaUgag.....	11	1	c09
.....cuaaguacuagugcUgcaggag.....	23	1	c09
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.....cCaaguacuagugccgcaggag.....	5	1	c09
.....cuaaguGcuagugccgcaggag.....	4	1	c09
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.....cuaaguacuaAugccgcaggag.....	1	1	c09
.....Auaaguacuagugccgcaggag.....	17	1	c09
.....cuaaguacuagugccgUaggag.....	7	1	c09
.....cuaagCacuagugccgcaggag.....	4	1	c09
.....cuaaAuacuagugccgcaggag.....	1	1	c09
.....cuaaguacuagugccAcaggag.....	11	1	c09
.....cuaaguacuGgugccgcaggag.....	8	1	c09
.....cuaaguacuagugccgAaggag.....	12	1	c09
.....cuaaguacuagugccgcaAgag.....	2	1	c09
.....cuaagGacuagugccgcaggag.....	2	1	c09
.....cuaaguUcuagugccgcaggag.....	1	1	c09
.....cuaaguaAuagugccgcaggag.....	5	1	c09
.....cAaaguacuagugccgcaggag.....	5	1	c09
.....cuaaguacuagugccgcGggag.....	7	1	c09
.....cuaaguacuagugccUcaggag.....	22	1	c09
.....cuaaguacuaguCccgcaggag.....	20	1	c09
.....cuaaguacCagugccgcaggag.....	4	1	c09
.....cGaaguacuagugccgcaggag.....	6	1	c09
.....cuaaguacGagugccgcaggag.....	3	1	c09
.....cuaaguacuagugGcgcaggag.....	3	1	c09
.....cuaaguacuagugccgcaggaU.....	152	1	c09
.....cuaaguacuagugccgcaggaC.....	33	1	c09
.....cuGaguacuagugccgcaggag.....	6	1	c09
.....cuaaguacuagugccgcUggag.....	8	1	c09
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.....cuaagAacuagugccgcaggag.....	7	1	c09
.....cuaaUuacuagugccgcaggag.....	2	1	c09
.....cuaaguacuagugccCcaggag.....	13	1	c09

Mature Star

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.....cuaaguacuagugAcgcaggag.....	37	1	c09
.....cuaaguacuagAgccgcaggag.....	10	1	c09
.....Auaaguacuagugccgcaggagu.....	2	1	c09
.....cuaaguacuagugccgcaggagA.....	144	1	c09
.....cuaaguacuGgugccgcaggagu.....	1	1	c09
.....cuaaguacuagugccCcaggagu.....	1	1	c09
.....cuaaguacuagugccgcaggaUu.....	38	1	c09
.....cuaaguacuaCugccgcaggagu.....	2	1	c09
.....cuaaguacuagugccgcaggaCu.....	4	1	c09
.....cuaaguacuagugccgcaggagC.....	35	1	c09
.....cuaaguacuagugcAgcaggagu.....	1	1	c09
.....cuaaguacuaguCccgcaggagu.....	1	1	c09
.....cuaaguacuagugccgcaggaAu.....	6	1	c09
.....cuaaguacuagugccgcaggagu.....	453	0	c09
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.....cuaaguacuagugAcgcaggagu.....	4	1	c09
.....cuaaguUcuagugccgcaggagu.....	1	1	c09
.....cuaaguacuagugccgcaggagG.....	15	1	c09
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.....cuaaguacuagugccgcaggagug.....	4	0	c09
.....cuaaguacuagugccgcaggaguC.....	4	1	c09
.....cuaaguacuagugccgcaggaguA.....	5	1	c09
.....cuaaguacuagugccgcaggagAg.....	5	1	c09
.....cuaaguacuagugccgcaggagGg.....	6	1	c09
.....cuaaguacuagugccgcaggagCg.....	2	1	c09
.....cuaaguacuagugccgcaggaguU.....	28	1	c09
.....cuaaguacuagugccgcaggaguAu.....	1	1	c09
.....cuaaguacuagugccgcaggaguUu.....	15	1	c09
.....cuaaguacuagugccgcaggagugA.....	1	1	c09
.....cuaaguacuagugccgcaggagugC.....	2	1	c09
.....cuaaguacuagugccgcaggaguCu.....	6	1	c09
.....cuaaguacuagugccgcaggaguguC.....	1	1	c09
.....cuaaguacuagugccgcaggaguUuu.....	6	1	c09
.....cuaaguacuagugccgcaggaguUuuu.....	1	1	c09
.....cuaaguacuagugccgcaggaguguuugG.....	1	1	c09
.....cuaaguacuagugccgcaggaguguuugauau.....	1	0	c09
.....Gaaguacuagugccgcagg.....	1	1	c09
.....uaaguacuagugccgcagg.....	4	0	c09
.....Gaaguacuagugccgcagga.....	2	1	c09
.....uaaguacuagugccgcagga.....	29	0	c09
.....uaaguacuagugccgcaggU.....	1	1	c09
.....uaaguacuaguCccgcagga.....	1	1	c09
.....uaaguacuagugccUcaggag.....	1	1	c09
.....Gaaguacuagugccgcaggag.....	11	1	c09
.....uaaguacuagugccgcaggag.....	117	0	c09
.....uaaguacCagugccgcaggag.....	1	1	c09
.....uaaguacuagugccgcaggagA.....	3	1	c09
.....uaaguacuagugccgcaggagu.....	4	0	c09
.....uaaguacuagugccgcaggaguU.....	1	1	c09
.....aaguacuagugccgcagg.....	2	0	c09
.....aaguacuagugccgcagga.....	5	0	c09
.....aaguacuagugccgcaggag.....	15	0	c09
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.....aguacuagugccgcagga.....	22	0	c09
.....aguacuagugccgcaggaU.....	2	1	c09
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.....Cguacuagugccgcaggag.....	1	1	c09
.....aguacuagugccgcaggag.....	38	0	c09
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.....aguacuagugccgcaggaUu.....	1	1	c09
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.....aguacuagugccgcaggagG.....	2	1	c09
.....Uuacuagugccgcaggag.....	1	1	c09
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.....guacuagugccgcaggaU.....	3	1	c09
.....guacuagugccgcaggaA.....	2	1	c09
.....guacuagugccgcaggaC.....	1	1	c09
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Mature Star

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.....uacuagugccgcaggagA.....	1	1	c09
.....acuagugccgcaggaguA.....	1	1	c09
.....acuagugccgcaggagug.....	1	0	c09
.....acuagugccgcaggaguUu.....	1	1	c09
.....cuagugccgcaggaguUu.....	2	1	c09
.....cuagugccgcaggaguAu.....	2	1	c09
.....uccugccgcuucagugcuuauc.....	2	0	c09
.....ccugccgcuucagugcuu.....	2	0	c09
.....ccugccgcuucagugcuuauc.....	4	0	c09
.....ccugccgcuucagugcuuauca.....	6	0	c09
.....ccugccgcuucagugcuuaucU.....	2	1	c09
.....cugccgcuucagugcuuaucaa.....	1	0	c09
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.....ccuaaguacuagugccgcagg.....	1	0	c15
.....ccuaaguacuagugccgcagga.....	17	0	c15
.....ccuaaguacuagugccgcaggaU.....	4	1	c15
.....ccuaaguacuagugccgcaggaA.....	1	1	c15
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.....ccuaaguacuagugccgcaggagu.....	1	0	c15
.....cuaaguacuagugccgca.....	8	0	c15
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.....cuaaguacuagAgccgcagg.....	1	1	c15
.....cuaaguacuagugccgcagg.....	66	0	c15
.....cuaaguacuagugccgcagA.....	1	1	c15
.....cuaaguacuagugccUcagga.....	2	1	c15
.....cuaagCacuagugccgcagga.....	3	1	c15
.....cuaagGacuagugccgcagga.....	1	1	c15
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.....cuaaguacuagGgccgcagga.....	3	1	c15
.....Guaaguacuagugccgcagga.....	1	1	c15
.....Auaaguacuagugccgcagga.....	4	1	c15
.....cuaaguacuagugccgcagCa.....	1	1	c15
.....Uuaaguacuagugccgcagga.....	2	1	c15
.....cAaaguacuagugccgcagga.....	1	1	c15
.....cuaaguacuagugccgcGgga.....	1	1	c15
.....cuaaguacuagCgccgcagga.....	1	1	c15
.....cuaaguacuaguAccgcagga.....	1	1	c15
.....cuaaguacuagugccgcaggU.....	11	1	c15
.....cuaaguacuagugccgcagga.....	1743	0	c15
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.....cGaaguacuagugccgcagga.....	1	1	c15
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.....cuGaguacuagugccgcagga.....	1	1	c15
.....cuaaguacuagugccgcaggC.....	2	1	c15
.....cuaaguacuagugccAcagga.....	1	1	c15
.....cuaagAacuagugccgcagga.....	5	1	c15
.....cuaaguacuagugccgcGggag.....	7	1	c15
.....cuaaguacuaguUccgcaggag.....	6	1	c15
.....cuaaguacuagugccgcaCgag.....	1	1	c15
.....cuaaguacuagugccgcaggaC.....	161	1	c15
.....cuaaguacCagugccgcaggag.....	3	1	c15
.....cuaaguacuagugccgcUggag.....	1	1	c15
.....cuaaguacuagCgccgcaggag.....	9	1	c15
.....Uuaaguacuagugccgcaggag.....	8	1	c15
.....cuaaguacuagugccgcCggag.....	1	1	c15
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.....cuaaguacuagugcAgcaggag.....	11	1	c15
.....cuaaguacuagugccgcaUgag.....	4	1	c15
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.....cuaaguacuagugGcgcaggag.....	1	1	c15
.....cuaUguacuagugccgcaggag.....	2	1	c15
.....cuaaguacuagugccAcaggag.....	9	1	c15
.....cuaaguacuGgugccgcaggag.....	6	1	c15
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.....cuaaguaGuagugccgcaggag.....	4	1	c15
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.....cuaaguacuagGgccgcaggag.....	8	1	c15

Mature Star

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.....cuaagCacuagugccgcaggag.....	4	1	c15
.....cuaaguacuagugUcgcaggag.....	5	1	c15
.....cuaaguacuagugccgcaggGg.....	5	1	c15
.....cuaGguacuagugccgcaggag.....	2	1	c15
.....cuaaguacuagugccgcagCag.....	5	1	c15
.....cuaaguacuaguCccgcaggag.....	1	1	c15
.....cuaCguacuagugccgcaggag.....	1	1	c15
.....cuaaguacuaguAccgcaggag.....	3	1	c15
.....cuaaguacuaAugccgcaggag.....	1	1	c15
.....cuaaguacuagugccgUaggag.....	5	1	c15
.....cuaaguacuagugccgcaggag.....	12916	0	c15
.....cuaaguaAuagugccgcaggag.....	2	1	c15
.....cuaaguacuagugccgcaggCg.....	2	1	c15
.....cuaagGacuagugccgcaggag.....	7	1	c15
.....cuaaguacAagugccgcaggag.....	1	1	c15
.....cuaaguacuagAgccgcaggag.....	5	1	c15
.....cuaaguacuagugccgcaggaA.....	208	1	c15
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.....cuaaguacuagugccgcagAag.....	9	1	c15
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.....cuaaguacuagugccgAaggag.....	1	1	c15
.....cCaaguacuagugccgcaggag.....	4	1	c15
.....cuaagGacuagugccgcaggagu.....	1	1	c15
.....cuaaguacuagugccgcaggaAu.....	32	1	c15
.....cuaaguacuagugccgcaggagC.....	41	1	c15
.....cAaaguacuagugccgcaggagu.....	1	1	c15
.....cuaaguacuagugccgcagCagu.....	1	1	c15
.....cuaaguacuagugccgcaggaUu.....	29	1	c15
.....cuaaguacuagugccgcaggagA.....	151	1	c15
.....cuaaguacuagugccAcaggagu.....	2	1	c15
.....cuaaguacuagugccgcaggGgu.....	1	1	c15
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.....cCaaguacuagugccgcaggagu.....	1	1	c15
.....cuaaguacuagCgccgcaggagu.....	3	1	c15
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.....cuaaguacuagugccgcaggagG.....	1	1	c15
.....cuaagCacuagugccgcaggagu.....	1	1	c15
.....cuaaguacuagugccgcaggagu.....	874	0	c15
.....cuaaguacuagugccgcaggaguC.....	4	1	c15
.....cuaaguacuagugccgcaggagAg.....	1	1	c15
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.....cuaaguacuagugccgcaggaguAuu.....	1	1	c15
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.....cuaaguacuagugccgcaggaguUuuu.....	9	1	c15
.....cuaaguacuagugccgcaggaguguAu.....	1	1	c15
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.....uaaguacuagugccgcaggaA.....	2	1	c15
.....uaaguacuagAgccgcaggag.....	1	1	c15
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.....uaaguacuagugccgcaggaU.....	2	1	c15
.....uaaguacuagugccgcaggaC.....	2	1	c15
.....Caaguacuagugccgcaggag.....	1	1	c15

Mature Star

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.....uaaguacuagugccgUaggag.....	1	1	c15
.....uaaguacuagugccgcaggagA.....	1	1	c15
.....uaaguacuagugccgcaggagu.....	10	0	c15
.....aaguacuagugccgcaggaA.....	1	1	c15
.....aaguacuagugccgcaggag.....	2	0	c15
.....guacuagugccgcaggag.....	1	0	c15
.....Cccugccgcuucagugcuuauc.....	1	1	c15
.....uccugccgcuucagugcuuauca.....	1	0	c15
.....ccugccgcuucagugcuuau.....	1	0	c15
.....ccugcUgcuucagugcuuauc.....	1	1	c15
.....ccugccgcuucagugcuuauc.....	21	0	c15
.....ccugccgAuucagugcuuauc.....	1	1	c15
.....ccugccgcuucagugcuuauU.....	1	1	c15
.....ccugccgcuucagugcuuauca.....	89	0	c15
.....ccugccgcuucagugcuuaucC.....	1	1	c15
.....ccCgccgcuucagugcuuauca.....	1	1	c15
.....ccuCccgcuucagugcuuauca.....	1	1	c15
.....ccugccgcuucagugcuuaucU.....	1	1	c15
.....ccugccgcuucagugGuuauca.....	1	1	c15
.....ccugccgcuucagugcuuaucaU.....	1	1	c15
.....ccugccgcuucagugcuuaucaa.....	1	0	c15
.....ccugccgcuucagugcuuaucaau.....	1	0	c15
.....cugccgcuucagugcuua.....	1	0	c15
.....cugccgcuucagugcuuauc.....	2	0	c15
.....cugccgcuucagugcuuauca.....	4	0	c15
.....cugccgcuucagugcuuaucaU.....	1	1	c15
.....cugccgcuucagugcuuaucaaA.....	1	1	c15

.....uuUcuaaguacuagugccgcagga.....	1	1	c02
.....uccuaaguacuagugccgcagg.....	1	0	c02
.....uccuaaguacuagAgccgcagga.....	1	1	c02
.....uccuaaguacuagugccgcaggag.....	1	0	c02
.....Cccuaaguacuagugccgcaggag.....	1	1	c02
.....uccuaaguacuagugccgcaggaUu.....	1	1	c02
.....ccuaaguacuagugccgca.....	2	0	c02
.....ccuaaguacuagugccgcag.....	10	0	c02
.....ccuaaguacuagugccgcaU.....	2	1	c02
.....ccuaCguacuagugccgcagg.....	1	1	c02
.....ccuaaguacuagugccgcagg.....	3	0	c02
.....ccuaaguacuagugccgcagga.....	36	0	c02
.....ccuaaCuacuagugccgcagga.....	1	1	c02
.....ccuaaguacuagugccgcaggaA.....	5	1	c02
.....ccuaaguacuagugccgcaggag.....	5	0	c02
.....ccuaaguacuagugccgcaggaC.....	1	1	c02
.....ccuaaguacuagugccgcaggaU.....	2	1	c02
.....ccuaaguacuagugccgcaggagC.....	1	1	c02
.....ccuaaguacuagugccgcaggagu.....	2	0	c02
.....cuaaguacuaguUccgca.....	1	1	c02
.....cuaaguacuagugccgca.....	187	0	c02
.....cuaaguacuagugccgAa.....	1	1	c02
.....cuaaguacuagugAcgca.....	1	1	c02
.....cuaaguacuagugcAgca.....	1	1	c02
.....cuaaCuacuagugccgcag.....	2	1	c02
.....cAaaguacuagugccgcag.....	1	1	c02
.....cuaaguacuagugccAcag.....	1	1	c02
.....cuaaguacuaCugccgcag.....	1	1	c02
.....cuaaguacuagugcAgcag.....	7	1	c02
.....cuaaguacuagugccgcaC.....	2	1	c02
.....cuaaguacuagugccgcag.....	966	0	c02
.....cuCaguacuagugccgcag.....	1	1	c02
.....cuaaguacuaguCccgcag.....	1	1	c02
.....cuaaguacAagugccgcag.....	1	1	c02
.....cuaaguacuagAgccgcag.....	1	1	c02
.....cuaaguacuagugUcgcag.....	2	1	c02
.....cuaaguGcuagugccgcag.....	1	1	c02
.....cuaagAacuagugccgcag.....	1	1	c02
.....cuaaguacuagugccgAag.....	4	1	c02
.....cuaaguacuagugccgcCg.....	1	1	c02

Mature Star

aagaauacuaaaucuuguucCuaaguacuagugccgcaggaguguuugauauuucuccugccgcuucagugcuuaucaaugaguacuuaguguuacaccgcaucuguca

.....cuaaguacuagugccgUag.....	2	1	c02
.....cuaaguacuagugccgcaA.....	1	1	c02
.....cuaaguacuagugAcgcag.....	4	1	c02
.....cuaaguacuagugcCcag.....	1	1	c02
.....cuaaguacuagugccgcaU.....	7	1	c02
.....cuaaguacuagugccUcag.....	1	1	c02
.....cuaaguCcuagugccgcag.....	2	1	c02
.....cuaaguaUuagugccgcagg.....	3	1	c02
.....cuaaguacuagugccgcagC.....	4	1	c02
.....cAaaguacuagugccgcagg.....	2	1	c02
.....cuaaCuacuagugccgcagg.....	4	1	c02
.....Uuaaguacuagugccgcagg.....	1	1	c02
.....cuaaguacuagugccgcagU.....	14	1	c02
.....cuaaguaAuagugccgcagg.....	4	1	c02
.....cuaaguacuagugcUgcagg.....	2	1	c02
.....cuaaguacuagugcAgcagg.....	3	1	c02
.....cuaaguacuagugccgUagg.....	1	1	c02
.....cuaaguacuagugccAcagg.....	1	1	c02
.....cuaaguacuagugccgAagg.....	1	1	c02
.....cuaaguacuagCgccgcagg.....	1	1	c02
.....cuaaguacuagugccgcaUg.....	3	1	c02
.....cuaaguacuaCugccgcagg.....	1	1	c02
.....cuaaguacuaguUccgcagg.....	1	1	c02
.....cuaaguacuagugccgcaCg.....	2	1	c02
.....cuaaguacuagugUcgcagg.....	1	1	c02
.....cuaaguacuaguCccgcagg.....	5	1	c02
.....cuaaguacuagugccgcagA.....	20	1	c02
.....cuaaguacuagugccgcagg.....	1381	0	c02
.....cuaaguacuagugAcgcagg.....	6	1	c02
.....cuaaguaUuagugccgcagga.....	1	1	c02
.....cuaaCuacuagugccgcagga.....	10	1	c02
.....cuaaguacuaguCccgcagga.....	24	1	c02
.....cuaaguacuagugUcgcagga.....	3	1	c02
.....cuaaguacuagugccUcagga.....	19	1	c02
.....cuaagCacuagugccgcagga.....	3	1	c02
.....Uuaaguacuagugccgcagga.....	5	1	c02
.....cuaaguacuagugcUgcagga.....	12	1	c02
.....cuaaguacCagugccgcagga.....	7	1	c02
.....cuaaguacuaguAccgcagga.....	2	1	c02
.....cuaaguacuagugccgcaggU.....	25	1	c02
.....cuaaguacuagugccgcaggG.....	4	1	c02
.....cCaaguacuagugccgcagga.....	1	1	c02
.....cuaaguacuagugGcgcagga.....	3	1	c02
.....cuaaguacuagugAcgcagga.....	47	1	c02
.....cuaaguacuUgugccgcagga.....	1	1	c02
.....cuaaguacuaAugccgcagga.....	2	1	c02
.....cuaaguacuagugccgcaCga.....	17	1	c02
.....cuaaguacuagugcGgcagga.....	1	1	c02
.....cuaaguacuCgugccgcagga.....	1	1	c02
.....cuaaguacuagugccgcaUga.....	7	1	c02
.....cuaaguacuagugccgcaggC.....	17	1	c02
.....cuaaguacuagCgccgcagga.....	1	1	c02
.....Auaaguacuagugccgcagga.....	5	1	c02
.....cuaaguacuagugccCcagga.....	10	1	c02
.....cuaaguacuaCugccgcagga.....	17	1	c02
.....cuaaguacuaguUccgcagga.....	5	1	c02
.....cuaaguacuagugccgcGgga.....	9	1	c02
.....cuGaguacuagugccgcagga.....	1	1	c02
.....cuaaguacuagugcAgcagga.....	48	1	c02
.....cuaaguacuagugccgcaAga.....	1	1	c02
.....cuaaguaAuagugccgcagga.....	7	1	c02
.....cuaaguacuagAgccgcagga.....	9	1	c02
.....cuaaguacuagugccgAagga.....	22	1	c02
.....cuaaguacGagugccgcagga.....	1	1	c02
.....cuaaguacuagugccAcagga.....	10	1	c02
.....cuaaguacuagugccgUagga.....	11	1	c02
.....cuaaguacuagugccgcagCa.....	15	1	c02
.....cuaaguCcuagugccgcagga.....	3	1	c02
.....cuaaguacuagugccgcagga.....	11270	0	c02
.....cuaaguacuagugccgcUgga.....	1	1	c02

Mature Star

aagaauacuaaaucuuguucCUAAGUACUAGUGCCGCAGGAGUGUUUGAUAUUUCUCCUGCCGCUUCAGUGCUUAUCAAUGAGUACUUAGUGUUACACCGCAUCUGUCA

.....cuaaguacuagugccgcagAa.....	7	1	c02
.....cuaagAacuagugccgcagga.....	10	1	c02
.....cuaaguGcuagugccgcagga.....	1	1	c02
.....cuaaguacuGgugccgcagga.....	3	1	c02
.....cuaaguacuagugccgcCgga.....	3	1	c02
.....cuaaguacuagugccgcagUa.....	7	1	c02
.....cuaaAuacuagugccgcagga.....	4	1	c02
.....cuaaguacAagugccgcagga.....	5	1	c02
.....cuaaguacuaUugccgcagga.....	5	1	c02
.....cAaaguacuagugccgcagga.....	7	1	c02
.....cuaagCacuagugccgcaggag.....	7	1	c02
.....cuaaguacuagugccgGaggag.....	4	1	c02
.....cuaaguacCagugccgcaggag.....	8	1	c02
.....cuaaguacuagugccgcaggaA.....	435	1	c02
.....cuaaguacuagugGcgcaggag.....	4	1	c02
.....cuaaguaGuagugccgcaggag.....	3	1	c02
.....cuaaguacuagGgccgcaggag.....	4	1	c02
.....cGaaguacuagugccgcaggag.....	19	1	c02
.....cuaaguGcuagugccgcaggag.....	8	1	c02
.....Guaaguacuagugccgcaggag.....	3	1	c02
.....cuUaguacuagugccgcaggag.....	2	1	c02
.....cuaaguacuaCugccgcaggag.....	57	1	c02
.....cAaaguacuagugccgcaggag.....	26	1	c02
.....cuaaguacuagugccAcaggag.....	15	1	c02
.....cuaaguacuagugUcgcaggag.....	25	1	c02
.....cuaaguacuagugccgcagUag.....	36	1	c02
.....cuaaguacuagugccgcaAgag.....	6	1	c02
.....cuaaguacuagugccCcaggag.....	39	1	c02
.....Auaaguacuagugccgcaggag.....	36	1	c02
.....cuaaguacuagugccgUaggag.....	29	1	c02
.....cuaaUuacuagugccgcaggag.....	10	1	c02
.....cuaaguacuagugccgcUggag.....	20	1	c02
.....cuaaguaAuagugccgcaggag.....	29	1	c02
.....cuaaguUcuagugccgcaggag.....	6	1	c02
.....cuaaguacuCgugccgcaggag.....	2	1	c02
.....cuaaguacAagugccgcaggag.....	26	1	c02
.....cuaCguacuagugccgcaggag.....	5	1	c02
.....cuaaguacuagugccgcGggag.....	27	1	c02
.....cuaaguacuaUugccgcaggag.....	25	1	c02
.....cuaaguacuaAugccgcaggag.....	2	1	c02
.....cuaaguacuagugccgcaggGg.....	21	1	c02
.....cuaaAuacuagugccgcaggag.....	7	1	c02
.....cCaaguacuagugccgcaggag.....	16	1	c02
.....cuaaguacuagugcUgcaggag.....	44	1	c02
.....cuaaguacGagugccgcaggag.....	20	1	c02
.....cuaaguacuagugccgcaCgag.....	59	1	c02
.....cuaaguacuagugccgcaggCg.....	24	1	c02
.....cuaUguacuagugccgcaggag.....	9	1	c02
.....cuaaguCcuagugccgcaggag.....	13	1	c02
.....cuaaguacuagugccgcaggag.....	40068	0	c02
.....cuaaguacuagugccgcagCag.....	42	1	c02
.....cuaaguacuagugccgcaggaU.....	523	1	c02
.....cuaaguacuagAgccgcaggag.....	50	1	c02
.....cuaaguacuagugccUcaggag.....	65	1	c02
.....cuaaCuacuagugccgcaggag.....	58	1	c02
.....Uuaaguacuagugccgcaggag.....	12	1	c02
.....cuGaguacuagugccgcaggag.....	4	1	c02
.....cuaaguacuagugcAgcaggag.....	166	1	c02
.....cuaagAacuagugccgcaggag.....	40	1	c02
.....cuaaguacuagCgccgcaggag.....	9	1	c02
.....cuaaguacuagugcGgcaggag.....	8	1	c02
.....cuCaguacuagugccgcaggag.....	4	1	c02
.....cuaaguacuagugAcgcaggag.....	144	1	c02
.....cuaaguacuaguCccgcaggag.....	70	1	c02
.....cuaaguacuagugccgcaUgag.....	42	1	c02
.....cuaaguacuGgugccgcaggag.....	20	1	c02
.....cuaaguacuagugccgcaggUg.....	9	1	c02
.....cuaaguacuaguAccgcaggag.....	8	1	c02
.....cuaaguacuaguUccgcaggag.....	16	1	c02
.....cuaaguacuUgugccgcaggag.....	7	1	c02

Mature Star

aagaauacuaaaucuuguucCUAAGUACUAGUGCCGCAGGAGUGUUUGAUAUUUCUCCUGCCGCUUCAGUGCUUAUCAAUGAGUACUUAGUGUUACACCGCAUCUGUCA

.....cuaaguacuagugccgcCggag.....	11	1	c02
.....cuaaguaUuagugccgcaggag.....	7	1	c02
.....cuaaguacuagugccgcaggaC.....	72	1	c02
.....cuaaguacuagugccgAaggag.....	50	1	c02
.....cuaagGacuagugccgcaggag.....	7	1	c02
.....cuaaguacuagugccgcagAag.....	6	1	c02
.....cuaaguacuagugccgcaggagu.....	1226	0	c02
.....cuaaguacuagugccgcagUagu.....	1	1	c02
.....cuaaguacuaguCccgcaggagu.....	2	1	c02
.....cuaaguCcuagugccgcaggagu.....	1	1	c02
.....cuaaguacuagugcUgcaggagu.....	2	1	c02
.....cuaaguacuagugccgcaggUgu.....	2	1	c02
.....cuaaguacuaguAccgcaggagu.....	1	1	c02
.....cuaaguacuagugccCcaggagu.....	1	1	c02
.....cuaaguacuagugccgcaUgagu.....	2	1	c02
.....cuaagAacuagugccgcaggagu.....	1	1	c02
.....cuaaguacuagugccgcaCgagu.....	1	1	c02
.....Uuaaguacuagugccgcaggagu.....	1	1	c02
.....cuaaCuacuagugccgcaggagu.....	2	1	c02
.....cuaaguacuagugccgcaggagG.....	29	1	c02
.....cuaaguacuagugcAgcaggagu.....	1	1	c02
.....Auaaguacuagugccgcaggagu.....	1	1	c02
.....cuaaguaUuagugccgcaggagu.....	1	1	c02
.....cuaaguacuagugccUcaggagu.....	2	1	c02
.....cuaaguacuagugccgcUggagu.....	1	1	c02
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.....cuaaguacuagugccgGaggagu.....	1	1	c02
.....cuaaguacuagugUcgcaggagu.....	1	1	c02
.....cuaaguacuagugccgcaggaAu.....	34	1	c02
.....cuaaguaAuagugccgcaggagu.....	1	1	c02
.....cuaaguacuagAgccgcaggagu.....	1	1	c02
.....cuaaguacuagugccgcaggagGg.....	15	1	c02
.....cuaaguacuagugccgcaggagCg.....	1	1	c02
.....cuaaguacuagugccgcaggagAg.....	7	1	c02
.....cuaaguacuagugccgcaggaguA.....	12	1	c02
.....cuaaguacuagugccgcaggaguU.....	58	1	c02
.....cuaaguacuagugccgcaggaguC.....	7	1	c02
.....cuaaguacuagugccgcaggagug.....	4	0	c02
.....cuaaguacuagugccgcaggaUug.....	1	1	c02
.....cuaaguacuagugccgcaggagugA.....	1	1	c02
.....cuaaguacuagugccgcaggaguAu.....	7	1	c02
.....cuaaguacuagugccgcaggaUugu.....	1	1	c02
.....cuaaguacuagugccgcaggaguCu.....	6	1	c02
.....cuaaguacuagugccgcaggagugu.....	3	0	c02
.....cuaaguacuagugccgcaggaguUu.....	81	1	c02
.....cuaaguacuagugccgcaggaguAuu.....	1	1	c02
.....cuaaguacuagugccgcaggaguUuu.....	23	1	c02
.....cuaaguacuagugccgcaggaguUuuu.....	1	1	c02
.....uaaguacuagugccgcag.....	9	0	c02
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.....uaaguacuagugccgcagg.....	11	0	c02
.....uaaguacuagugccgcGgga.....	1	1	c02
.....uaaguacuagugccgcaggC.....	1	1	c02
.....uaaguGcuagugccgcagga.....	1	1	c02
.....Caaguacuagugccgcagga.....	1	1	c02
.....Gaaguacuagugccgcagga.....	20	1	c02
.....uaaguacuagugccgcaggU.....	1	1	c02
.....uaaguacuagugccgcagga.....	67	0	c02
.....uaaguacuagugccgcaggaA.....	4	1	c02
.....Aaaguacuagugccgcaggag.....	2	1	c02

Mature **Star**

```
aagaauacuaaaucuuguucuaaguacuagugccgcaggaguguuugauauuucuccugccgcuucagugcuuaucaaugaguacuuaguguuacaccgcaucuguca
.....uaaguacuagugccgcaggaU.....  2  1  c02
.....uaaguacuagugccgcUggag.....  1  1  c02
.....uaaguacuagugccgcaCgag.....  1  1  c02
.....Caaguacuagugccgcaggag.....  1  1  c02
.....Gaaguacuagugccgcaggag.....  31  1  c02
.....uaaguacuagugccgAaggag.....  1  1  c02
.....uaaguacuaCugccgcaggag.....  2  1  c02
.....uaaguacuagugccgcagUag.....  1  1  c02
.....uaaguacuagugccgcagCag.....  1  1  c02
.....uaUguacuagugccgcaggag.....  1  1  c02
.....uaaguacuGgugccgcaggag.....  1  1  c02
.....uaaguacuagugccCcaggag.....  1  1  c02
.....uaaguacuagugccgcaggag.....  300  0  c02
.....uaaguacuagugccgcaggagA.....  1  1  c02
.....Gaaguacuagugccgcaggagu.....  1  1  c02
.....uaaguacuagugccgcaggagu.....  11  0  c02
.....uaaguacuagugccgcaggaguU.....  1  1  c02
.....uaaguacuagugccgcaggaguUu.....  1  1  c02
.....aaguacuagugccgcagg.....  2  0  c02
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.....aguacuagugccgcagga.....  11  0  c02
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.....aguacuagugccgcaggaU.....  3  1  c02
.....aguacuagugccgcaggaA.....  1  1  c02
.....aguacuagugccCcaggag.....  1  1  c02
.....Cguacuagugccgcaggag.....  4  1  c02
.....aguacuagugccgcaggag.....  33  0  c02
.....aguacuagugccgcaCgag.....  1  1  c02
.....aguacuagugccgcaggaUu.....  2  1  c02
.....aguacuagugccgcaggagu.....  1  0  c02
.....guacuagugccgcaggaA.....  2  1  c02
.....guacuagugccgcaggag.....  28  0  c02
.....guacuagugccgcaggagu.....  2  0  c02
.....uacuagugccgcaggagu.....  5  0  c02
.....acuagugccgcaggaguU.....  3  1  c02
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.....cuagugccgcaggaguUu.....  1  1  c02
.....uccugccgcuucagugcuuaucU.....  1  1  c02
.....ccugccgcuucagugcuu.....  1  0  c02
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.....ccugccUcuucagugcuuauc.....  1  1  c02
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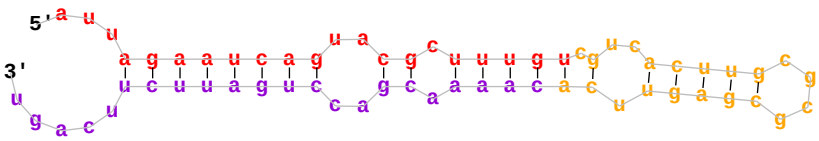
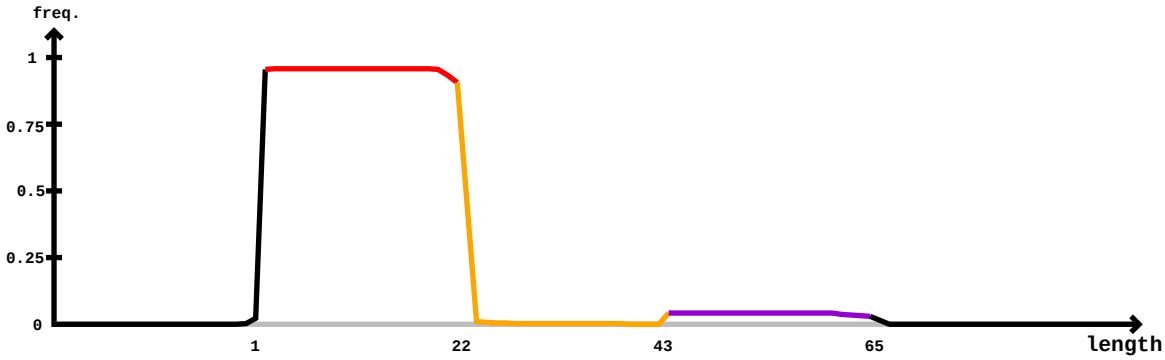
.....ccugAcgcuucagugcuuauc.....  1  1  c02
.....ccugcUgcuucagugcuuauc.....  1  1  c02
.....ccugccgcuucagugcuuauc.....  9  0  c02
.....ccuCccgcuucagugcuuauca.....  1  1  c02
.....ccugccgcuucagugcuuauca.....  43  0  c02
.....ccugccgcuucagugcuuaucaU.....  1  1  c02
.....cugccgcuucagugcuuauc.....  4  0  c02
.....cugccgcuucagugcuuauca.....  2  0  c02
.....cugccgcuucagugcuuaucaU.....  1  1  c02
```

Provisional ID	:	group5_9768
Score total	:	209.7
Score for star read(s)	:	3.9
Score for read counts	:	199.5
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	403
Mature read count	:	386
Loop read count	:	0
Star read count	:	17





Mature **Star**

```
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    auugucaguacguugccgacauuagaaucaguacgcuuugucgucacuugcgcgcgaguucacaaaacgaccugauucuucagucggcgcgugcgcauacuacgcuaccac        exp
    .......((((((.((((((...(((((((((..((.((((((.(..(((((....))))).)))))).))..)))))))...))))))))))))))((.......)).....  reads  mm  sample
    ...................auuagaaucaguacgcuuuguc.....................................................................  1      0   c15

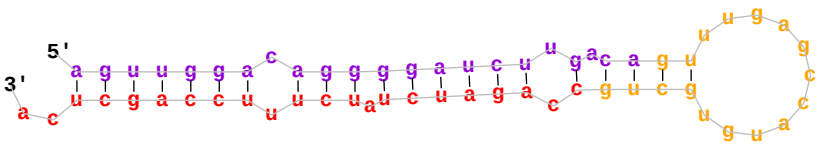
    ...................acauuagaaucaguacgcuuugu....................................................................  1      0   c02
    ...................cauuagaaucaguacgcuuugu.....................................................................  4      0   c02
    ...................auuagaaucaguacgcuu........................................................................  1      0   c02
    ...................auuagaaucaguacgcuuu.......................................................................  5      0   c02
    ...................auuagaaucaCuacgcuuug......................................................................  1      1   c02
    ...................auuagCaucaguacgcuuug......................................................................  1      1   c02
    ...................auuagaaucaguacgcuuug......................................................................  5      0   c02
    ...................Cuuagaaucaguacgcuuug......................................................................  2      1   c02
    ...................auuagaaucaguacgcuuugA.....................................................................  1      1   c02
    ...................auuagaaucaguacgcuAugu.....................................................................  1      1   c02
    ...................Cuuagaaucaguacgcuuugu.....................................................................  2      1   c02
    ...................auuagaaucUguacgcuuugu.....................................................................  1      1   c02
    ...................auuagaaucaguCcgcuuugu.....................................................................  1      1   c02
    ...................auuagaaucaguacgcuuugu.....................................................................  164    0   c02
    ...................auuagaauAaguacgcuuuguc....................................................................  1      1   c02
    ...................auuagaaucaguacgcuuuguc....................................................................  49     0   c02
    ..................Auagaaucaguacgcuuuguc.....................................................................  1      1   c02
    ..........................................................caaaacgaccugauucuu.....................................  2      0   c02
    ..........................................................caaaacgaccugauucuucagu.................................  2      0   c02

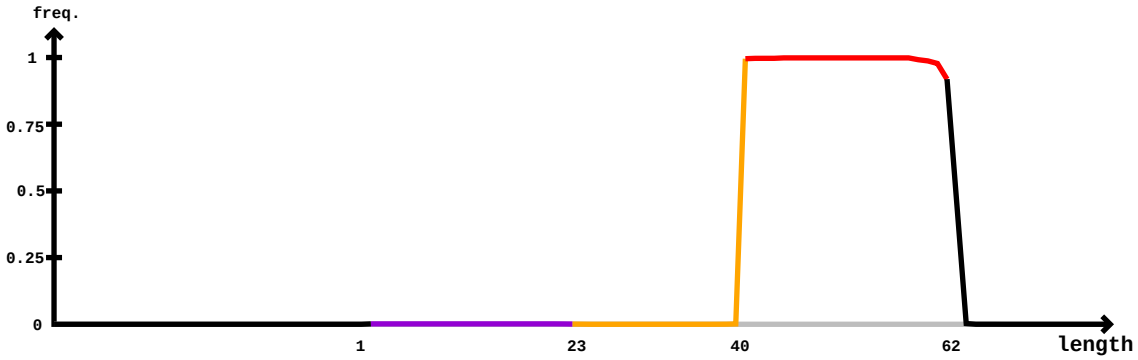
    ...................auuagaaucaguacgcuuu.......................................................................  3      0   c09
    ...................auuagaaucaguacgcuuugu.....................................................................  35     0   c09
    ...................auuagaaucaguacgcuuuguA....................................................................  1      1   c09
    ...................auuagaaucaguacgcuuuguc....................................................................  13     0   c09
    ...................auuagaaucaguacgcuuuguU....................................................................  1      1   c09
    ...................auuagaaucaguacgcuuugucU...................................................................  1      1   c09
    ...................auuagaaucaguacgcuuugucguca................................................................  1      0   c09
    ...................auuagaaucaguacgcuuugucgucacuugcgcgcgag....................................................  1      0   c09
    ..........................................................caaaacgaccugauucuuc....................................  1      0   c09
    ..........................................................caaaacgaccugauucuucag..................................  1      0   c09
    ..........................................................caaaacgaccugauucuucagu.................................  2      0   c09
```

auugucaguacguugccgacauuagaaucaguacgcuuugucgucacuugcgcgcgaguucacaaaacgaccugauucuucagucggcgcgugcgcauacuacgcuaccac

..................cauuagaaucaguacgcuuugu.....	4	0	c16
..................auuagaaucaguacgcuuu.....	1	0	c16
..................auuagaaucaguacgcuuug.....	2	0	c16
..................Cuuagaaucaguacgcuuugu.....	2	1	c16
..................auuagaaucaguacgcuuugu.....	52	0	c16
..................auuagaaucaguacgcuuuguA.....	1	1	c16
..................auuagaaucaguacgcuuuguc.....	26	0	c16
..................auuagaaucaguacgcuuugucUu.....	1	1	c16
....caaaacgaccugauucuuca.....	1	0	c16
....caaaacgaccuUauucuucagu.....	1	1	c16
....caaaacgaccugauucuucagu.....	7	0	c16

Provisional ID	:	group6_11095
Score total	:	15902.9
Score for star read(s)	:	3.9
Score for read counts	:	15892.4
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	31184
Mature read count	:	31141
Loop read count	:	0
Star read count	:	43





Star **Mature**

```
5'- ugccauugccacaguauaggcuucacgucugaguuggacaggggaucuugacaguuugagccaugugcugccagaucuaucuuuccagcucacgcguggagccgccuc  -3'   obs
    ugccauugccacaguauaggcuucacgucugaguuggacaggggaucuugacaguuugagccaugugcugccagaucuaucuuuccagcucacgcguggagccgccuc        exp
    ..................((((((((((.(((((((((.(((((((((.(.((((...........)))))..)))))).)))).)))))))))).)))))))).....
```

	reads	mm	sample
.....ugccagaucuaucuuuccagcu.....	1	0	c02
.....gccagaucuaucuuuccagcuca.....	3	0	c02
.....cUagaucuaucuuuccag.....	1	1	c02
.....ccagaucuaucuuuccag.....	33	0	c02
.....ccagaucuaucuuuccagc.....	10	0	c02
.....ccagaucuaucuuuccagG.....	2	1	c02
.....ccagCucuaucuuuccagc.....	1	1	c02
.....ccagaucuaucuuuccagcu.....	43	0	c02
.....ccagaucuaucuuuccagcuA.....	2	1	c02
.....ccagaucuaucuuuccagcuU.....	1	1	c02
.....ccagaucuaucAuuccagcuc.....	1	1	c02
.....ccagaucuaucuuuccGgcuc.....	1	1	c02
.....ccagaucuaucuuuccCgcuc.....	1	1	c02
.....ccagaucuaucuuuccagAuc.....	1	1	c02
.....ccagaucuaucuuucUagcuc.....	1	1	c02
.....ccagauAuaucuuuccagcuc.....	1	1	c02
.....ccagaucuaucuuuccagcuc.....	375	0	c02
.....ccGgaucuaucuuuccagcuc.....	1	1	c02
.....ccagaucuaucuuuccaCcuc.....	1	1	c02
.....ccagCucuaucuuuccagcuc.....	5	1	c02
.....ccagaucuaucuuucAagcuc.....	2	1	c02
.....ccagaucuaucuAuccagcuc.....	1	1	c02
.....ccagaucuaucuuuAcagcuc.....	2	1	c02
.....ccagaucuGucuuuccagcuc.....	1	1	c02
.....ccagaucuauAuuuccagcuc.....	1	1	c02
.....ccagaucuaucuuuccagcucU.....	13	1	c02
.....ccagauUuaucuuuccagcuca.....	1	1	c02
.....ccagaucuaucuAuccagcuca.....	1	1	c02
.....cGagaucuaucuuuccagcuca.....	1	1	c02
.....ccagaucuaucuuuccGgcuca.....	2	1	c02
.....ccagaucuaucuuuccagcuca.....	3390	0	c02
.....ccagaAcuaucuuuccagcuca.....	3	1	c02
.....ccagaucuaucuuuccaCcuca.....	9	1	c02

Star Mature

ugccauugccacaguauaggcuucacgucugaguuggacaggggaucuugacaguuugagccaugugcugccagaucuaucuuuccagcucacgcguggagccgccuc

.....ccaCaucuaucuuuccagcuca.....	4	1	c02
.....Acagaucuaucuuuccagcuca.....	6	1	c02
.....Ucagaucuaucuuuccagcuca.....	1	1	c02
.....ccagaucuaucuuuccagcAca.....	1	1	c02
.....ccagaucuaucCuuccagcuca.....	1	1	c02
.....ccagaucuaGcuuuccagcuca.....	1	1	c02
.....ccagaucuaucuGuccagcuca.....	2	1	c02
.....ccagaucuaucuuuAcagcuca.....	7	1	c02
.....ccagaucuaucuuuccCgcuca.....	9	1	c02
.....ccGgaucuaucuuuccagcuca.....	5	1	c02
.....ccagaucuaucuuuccagcuUa.....	2	1	c02
.....ccagaucuaucuuAccagcuca.....	2	1	c02
.....ccagauAuaucuuuccagcuca.....	4	1	c02
.....ccagaucAaucuuuccagcuca.....	2	1	c02
.....ccagCucuaucuuuccagcuca.....	33	1	c02
.....ccagaucuaucuuGccagcuca.....	1	1	c02
.....ccagaucuaAcuuuccagcuca.....	1	1	c02
.....ccagaucuaucAuuccagcuca.....	1	1	c02
.....ccaUaucuaucuuuccagcuca.....	3	1	c02
.....ccagaucuaucuuuccagcucG.....	1	1	c02
.....ccagUucuaucuuuccagcuca.....	1	1	c02
.....ccagaucuaucuuuccagAuca.....	6	1	c02
.....ccagaucuCucuuuccagcuca.....	3	1	c02
.....ccagaucuaucuuuccagcuAa.....	9	1	c02
.....ccagaucuaucuuucAagcuca.....	11	1	c02
.....ccagaucuaucuuucUagcuca.....	2	1	c02
.....ccagaucuaucuuuccagcucC.....	15	1	c02
.....ccagaucuaucuuuccUgcuca.....	2	1	c02
.....cAagaucuaucuuuccagcuca.....	6	1	c02
.....ccagGucuaucuuuccagcuca.....	2	1	c02
.....cUagaucuaucuuuccagcuca.....	3	1	c02
.....ccagaucuaAuuuccagcuca.....	8	1	c02
.....Acagaucuaucuuuccagcucac.....	1	1	c02
.....ccagaucuaucuuuccaCcucac.....	1	1	c02
.....ccagaucuaucuuuccagcucac.....	36	0	c02
.....ccagaucuaucuuuccagcucaU.....	73	1	c02
.....ccagaucuaucuuuccagcucaG.....	4	1	c02
.....ccagaucuaucuuuccagcucaA.....	62	1	c02
.....ccagaucuaucuuuccagcucacA.....	3	1	c02
.....ccagaucuaucuuuccagcucacU.....	7	1	c02
.....ccagaucuaucuuuccagcucaGg.....	1	1	c02
.....ccagaucuaucuuuccagcucacC.....	2	1	c02
.....cagaucuaucuuuccagcu.....	1	0	c02
.....cagaucuaucuuuccagcuc.....	1	0	c02
.....cagaucuaucuuuccagcuca.....	9	0	c02
.....aucuaucuuuccagcuca.....	11	0	c02
.....Cucuaucuuuccagcuca.....	2	1	c02

.....aguuggacaggggaucuuga.....	3	0	c15
.....aguuggacaggggaucuugac.....	1	0	c15
.....aguuggacaggggaucuugaca.....	5	0	c15
.....ugccagaucuaucuuuccagcucaU.....	1	1	c15
.....gccagaucuaucuuuccagcuca.....	1	0	c15
.....gccagaucuaucuuucAagcuca.....	1	1	c15
.....ccagaucuaucuuuccagc.....	1	0	c15
.....ccagaucuaucuuuccagcA.....	1	1	c15
.....ccagaucuaucuuuccagcu.....	2	0	c15
.....ccagaucuaucuuuccagcuc.....	31	0	c15
.....ccagaucuaucuuuccaUcuca.....	1	1	c15
.....ccaAaucuaucuuuccagcuca.....	1	1	c15
.....ccagaucuaucuuuUcagcuca.....	1	1	c15
.....cUagaucuaucuuuccagcuca.....	1	1	c15
.....ccagaCcuaucuuuccagcuca.....	1	1	c15
.....ccagaucuaucuuuccagcucC.....	4	1	c15
.....ccagaucuaucuuuccagcuAa.....	1	1	c15
.....ccagaucuaucuuuccagcGca.....	2	1	c15
.....ccagaucuaucuuCccagcuca.....	1	1	c15
.....ccagaucuaucuuucUagcuca.....	2	1	c15
.....ccagaucuaucuuuccagcucU.....	14	1	c15
.....ccagaucuaucuuuccagcCca.....	2	1	c15

Star Mature

ugccauugccacaguauaggcuucacgucugaguuggacaggggaucuugacaguuugagccaugugcugccagaucuaucuuuccagcucacgcguggagccgccuc

.....ccagaucuaucuuuccagcuca.....	669	0	c15
.....ccGgaucuaucuuuccagcuca.....	1	1	c15
.....ccagaucuaucuuuccagcucac.....	9	0	c15
.....ccagaucuaucuuuccagcucaU.....	28	1	c15
.....ccagaucuaucuuuccagcucaA.....	8	1	c15
.....ccagaucuaucuuuccagcucacU.....	1	1	c15
.....cagaucuaucuuuccagcuca.....	1	0	c15
.....ugccagaucuaucuuuccagcuca.....	1	0	c09
.....Cgccagaucuaucuuuccagcuca.....	2	1	c09
.....ccagaucuaucuuuccag.....	9	0	c09
.....ccagCucuaucuuuccag.....	1	1	c09
.....ccagaucuaucuuucAagc.....	1	1	c09
.....ccagaucuaucuuuccagc.....	14	0	c09
.....ccagaucuaucuuuccagcu.....	26	0	c09
.....ccagaucuaucuuuccagcuU.....	1	1	c09
.....ccagCucuaucuuuccagcuc.....	1	1	c09
.....ccagaucuaucuuuccagcuc.....	161	0	c09
.....Acagaucuaucuuuccagcuc.....	1	1	c09
.....ccagaucuaucuuuccCgcuc.....	1	1	c09
.....ccagaucuaucuuCccagcuc.....	2	1	c09
.....ccagaucuaucuCuccagcuca.....	1	1	c09
.....cAagaucuaucuuuccagcuca.....	2	1	c09
.....Gcagaucuaucuuuccagcuca.....	1	1	c09
.....ccagaucAaucuuuccagcuca.....	2	1	c09
.....ccagaucuaucuuuccagcucU.....	8	1	c09
.....ccagaucuaucuuuccagcucG.....	1	1	c09
.....ccagaucuaAcuuuccagcuca.....	1	1	c09
.....ccagaucuaucuuucGagcuca.....	1	1	c09
.....ccagaucuaucAuuccagcuca.....	2	1	c09
.....ccagCucuaucuuuccagcuca.....	5	1	c09
.....ccagaucuaucuuuccCgcuca.....	5	1	c09
.....ccagaucuaucCuuccagcuca.....	1	1	c09
.....ccagaucuaucuuucUagcuca.....	1	1	c09
.....ccagaucuaucuuuccagcuca.....	1260	0	c09
.....ccagaucuaucuuuccagcCca.....	3	1	c09
.....ccagaucuaucuuuccagcucC.....	9	1	c09
.....ccagaucuaucuuucAagcuca.....	4	1	c09
.....ccaCaucuaucuuuccagcuca.....	1	1	c09
.....ccagaucuaucuuuccaCcuca.....	3	1	c09
.....ccagaucuaucuuuccagAuca.....	4	1	c09
.....ccagaucCaucuuuccagcuca.....	1	1	c09
.....ccagUucuaucuuuccagcuca.....	1	1	c09
.....ccagaucuaucuuuAcagcuca.....	2	1	c09
.....ccagaucuaucuuuccagcuAa.....	2	1	c09
.....ccagaucuaucuuuccagcucaG.....	6	1	c09
.....ccagaucuaucuuuccagcucaU.....	29	1	c09
.....ccagaucuaucuuuccagcucaA.....	16	1	c09
.....ccagaucuaucuuuccagcucac.....	25	0	c09
.....ccagaucuaucuuuccagcucaAg.....	1	1	c09
.....ccagaucuaucuuuccagcucacA.....	1	1	c09
.....ccagaucuaucuuuccagcucacC.....	2	1	c09
.....ccagaucuaucuuuccagcucaUg.....	2	1	c09
.....cagaucuaucuuuccagcuca.....	1	0	c09
.....agaucuaucuuuccagcuc.....	1	0	c09
.....aucuaucuuuccagcuca.....	4	0	c09
.....aguuggacaggggaucuuga.....	5	0	c16
.....aguuggacaggggaucuugac.....	8	0	c16
.....Cguuggacaggggaucuugac.....	1	1	c16
.....aguuggacaggggaucuugaA.....	1	1	c16
.....aguuggacaggggaucuugaca.....	16	0	c16
.....aguuggacaggggaucuugacaA.....	1	1	c16
.....aguuggacaggggaucuugacaguuugagccaugugcug.....	1	0	c16
.....cuUccagaucuaucuuuccagcuca.....	1	1	c16
.....cuCccagaucuaucuuuccagcuca.....	1	1	c16
.....ugccagaucuaucuuuccagcuc.....	2	0	c16
.....gccagaucuaucuuuccagcuc.....	2	0	c16
.....Uccagaucuaucuuuccagcuca.....	1	1	c16
.....gAcagaucuaucuuuccagcuca.....	1	1	c16

Star Mature

ugccauugccacaguauaggcuucacgucugaguuggacaggggaucuugacaguuugagccaugugcugccagaucuaucuuuccagcucacgcguggagccgccuc

.....gcAagaucuaucuuuccagcuca.....	1	1	c16
.....Cccagaucuaucuuuccagcuca.....	1	1	c16
.....gccagaucuaucuuuccagcuca.....	16	0	c16
.....gccagaucuaucuuuccagcucaU.....	1	1	c16
.....ccagaucuaucuuuccCg.....	1	1	c16
.....ccagaucuaucuuGccag.....	1	1	c16
.....ccagCucuaucuuuccag.....	5	1	c16
.....ccagaucuaucuuuccag.....	157	0	c16
.....ccagauAuaucuuuccag.....	1	1	c16
.....ccagaucuaucuuuccagc.....	104	0	c16
.....ccagaucuaucuuucAagc.....	1	1	c16
.....ccagauAuaucuuuccagc.....	1	1	c16
.....ccagaucuaucAuuccagcu.....	1	1	c16
.....ccagaucuCucuuuccagcu.....	1	1	c16
.....ccagaucuaucuuuccagcA.....	9	1	c16
.....ccagaucuaucuuuccagcu.....	198	0	c16
.....ccagaAcuaucuuuccagcu.....	1	1	c16
.....ccagaucuaucuuuccaAcu.....	1	1	c16
.....ccagaucuaAcuuuccagcu.....	1	1	c16
.....ccagCucuaucuuuccagcu.....	1	1	c16
.....ccagCucuaucuuuccagcuc.....	9	1	c16
.....cAagaucuaucuuuccagcuc.....	3	1	c16
.....ccagaucuaucuuuccGgcuc.....	1	1	c16
.....ccagaucuauAuuuccagcuc.....	3	1	c16
.....ccagaucuaucuuuccagcuA.....	7	1	c16
.....ccagaucuaucuuucUagcuc.....	1	1	c16
.....ccagauAuaucuuuccagcuc.....	3	1	c16
.....ccagaucuaucuuucGagcuc.....	2	1	c16
.....ccagaucuaucuuuUcagcuc.....	1	1	c16
.....ccaUaucuaucuuuccagcuc.....	3	1	c16
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.....ccagaucuaucuAuccagcuc.....	3	1	c16
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.....ccagaucuaCcuuuccagcuc.....	1	1	c16
.....ccagaucuaucuuuccaUcuc.....	1	1	c16
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.....ccagaucuaucuuCccagcuc.....	1	1	c16
.....ccagaucuaucuuuccagAuc.....	2	1	c16
.....ccagaucuaAcuuuccagcuc.....	1	1	c16
.....ccagaucuaucuuuccaCcuc.....	3	1	c16
.....ccagaucuauUuuuccagcuca.....	1	1	c16
.....ccagaCcuaucuuuccagcuca.....	1	1	c16
.....ccagaucuaucuuucAagcuca.....	45	1	c16
.....ccagaucuUucuuuccagcuca.....	3	1	c16
.....ccagaucGaucuuuccagcuca.....	2	1	c16
.....ccagaucuaucuuuUcagcuca.....	3	1	c16
.....ccagaucuaucuuuccagUuca.....	5	1	c16
.....ccagaucuaucuuuccaCcuca.....	25	1	c16
.....ccagaucuaucuuuAcagcuca.....	47	1	c16
.....ccagaucAaucuuuccagcuca.....	12	1	c16
.....ccagaucuaucuuuccagcGca.....	3	1	c16
.....cAagaucuaucuuuccagcuca.....	29	1	c16
.....ccagaucuaGcuuuccagcuca.....	2	1	c16
.....ccagaucCaucuuuccagcuca.....	7	1	c16
.....ccCgaucuaucuuuccagcuca.....	5	1	c16
.....ccagaucuaucuuCccagcuca.....	11	1	c16
.....ccagaucuaucuAuccagcuca.....	16	1	c16
.....ccagaucuaucuuuccagcCca.....	7	1	c16
.....ccagaucuaucuuuccagcucG.....	11	1	c16
.....ccagaucuauAuuuccagcuca.....	20	1	c16
.....ccagaucuaucCuuccagcuca.....	9	1	c16
.....ccagaucuaucuuuccagcucU.....	47	1	c16
.....ccagaucuaAcuuuccagcuca.....	8	1	c16
.....ccagGucuaucuuuccagcuca.....	3	1	c16

Star Mature

ugccauugccacaguauaggcuucacgucugaguuggacaggggaucuugacaguuugagccaugugcugccagaucuaucuuuccagcucacgcguggagccgccuc

.....ccagauAuaucuuuccagcuca.....	54	1	c16
.....ccUgaucuaucuuuccagcuca.....	3	1	c16
.....Ucagaucuaucuuuccagcuca.....	9	1	c16
.....ccagaucuaCcuuuccagcuca.....	1	1	c16
.....ccagaucuaucuuuccaAcuca.....	5	1	c16
.....ccagaucuaucuuuccagGuca.....	4	1	c16
.....ccagUucuaucuuuccagcuca.....	4	1	c16
.....ccagaucuaucuuuccGgcuca.....	17	1	c16
.....ccagauUuaucuuuccagcuca.....	6	1	c16
.....cUagaucuaucuuuccagcuca.....	18	1	c16
.....Acagaucuaucuuuccagcuca.....	16	1	c16
.....ccagaucuaucuuuccagcuAa.....	43	1	c16
.....ccaUaucuaucuuuccagcuca.....	6	1	c16
.....ccagaAcuaucuuuccagcuca.....	10	1	c16
.....ccagaucuaucuuuccagcuUa.....	6	1	c16
.....cGagaucuaucuuuccagcuca.....	7	1	c16
.....ccagaucuaucuuuGcagcuca.....	3	1	c16
.....ccagaucuaucuCuccagcuca.....	4	1	c16
.....ccagaucuaucuuucGagcuca.....	3	1	c16
.....ccagaucuaucuuuccagcuGa.....	7	1	c16
.....ccagaucuaucuuuccagcucC.....	51	1	c16
.....ccagaucuaucuuucUagcuca.....	3	1	c16
.....ccagaucuaucuuuccagAuca.....	36	1	c16
.....ccagaucuaucuuuccUgcuca.....	6	1	c16
.....ccagaucuaucuuuccCgcuca.....	84	1	c16
.....ccagaucuCucuuuccagcuca.....	11	1	c16
.....ccaCaucuaucuuuccagcuca.....	14	1	c16
.....ccagaucuaucuuuccagcuca.....	19935	0	c16
.....ccagaucuaucuuuccaUcuca.....	4	1	c16
.....ccagaucuaucuuuccagcAca.....	6	1	c16
.....ccagaucuaucuuGccagcuca.....	2	1	c16
.....ccagaucuaucuuAccagcuca.....	11	1	c16
.....ccGgaucuaucuuuccagcuca.....	5	1	c16
.....ccagCucuaucuuuccagcuca.....	180	1	c16
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.....ccagaucuaucAuuccagcuca.....	18	1	c16
.....ccagaGcuaucuuuccagcuca.....	4	1	c16
.....ccagaucuaucuGuccagcuca.....	7	1	c16
.....ccagaucuGucuuuccagcuca.....	2	1	c16
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.....Acagaucuaucuuuccagcucac.....	1	1	c16
.....ccagaucuauAuuuccagcucac.....	1	1	c16
.....ccagaAcuaucuuuccagcucac.....	1	1	c16
.....ccagaucuaucuuuccagcucaA.....	459	1	c16
.....ccagaucAaucuuuccagcucac.....	1	1	c16
.....ccagaucuaucuuuAcagcucac.....	1	1	c16
.....ccagaucuCucuuuccagcucac.....	1	1	c16
.....ccagaucuaucuuuccaUcucac.....	1	1	c16
.....ccagCucuaucuuuccagcucac.....	5	1	c16
.....cAagaucuaucuuuccagcucac.....	2	1	c16
.....ccagaucuaucuuuccagcuAac.....	2	1	c16
.....ccagauAuaucuuuccagcucac.....	1	1	c16
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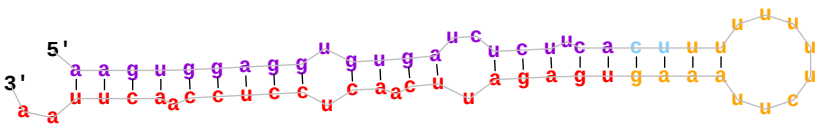
.....ccagaucuaucuuuccagcucaU.....	112	1	c16
.....ccagaucuaucuuuccagcucaG.....	12	1	c16
.....cGagaucuaucuuuccagcucac.....	1	1	c16
.....ccagaucuaucuuuccagcAcac.....	1	1	c16
.....ccagaucuaucuuuccagcucacA.....	34	1	c16
.....ccagaucuaucuuuccagcucaAg.....	1	1	c16
.....ccagaucuaucuuuccagcucacC.....	16	1	c16
.....ccagaucuaucuuuccagcucaGg.....	2	1	c16
.....ccagaucuaucuuuccagcucacU.....	6	1	c16
.....ccagaucuaucuuuccagcucacgAgu.....	1	1	c16
.....cagaucuaucuuuccagcu.....	1	0	c16
.....cagaucuaucuuuccagcuc.....	1	0	c16
.....cagaucuaucuuuccagcuca.....	27	0	c16
.....cagaucuaucuuuccagcucaA.....	1	1	c16
.....cagaucuaucuuuccagcucac.....	1	0	c16
.....gaucuaucuuuccagcuca.....	1	0	c16
.....Cucuaucuuuccagcuca.....	3	1	c16

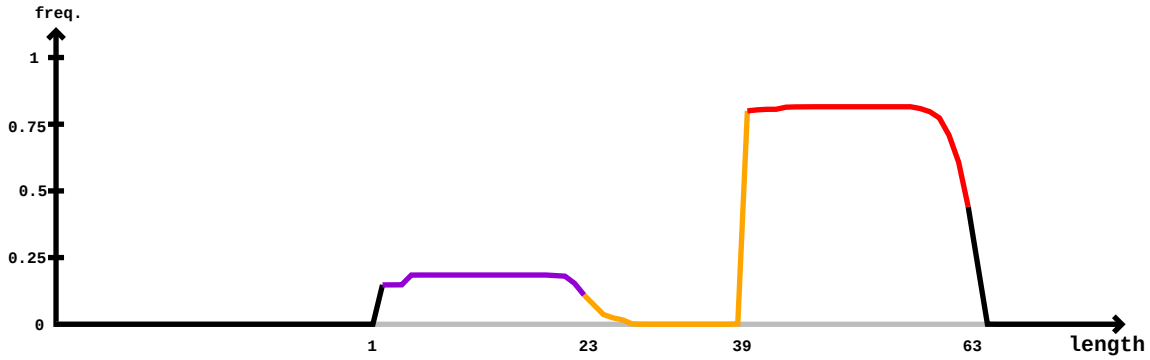
Star Mature

ugccauugccacaguauaggcuucacgucugaguuggacaggggaucuugacaguuugagccaugugcugccagaucuaucuuuccagcucacgcguggagccgccuc

.....aucuaucuuuccagcuca.....	21	0	c16
.....aucuaucuuuccagcucU.....	1	1	c16
.....aucuaucuuuccagcucac.....	1	0	c16
.....aucuaucuuuccagcucaU.....	2	1	c16
.....cucacgcguggagUcgccuc	1	1	c16
.....aguuggacaggggaucuugaca.....	2	0	c04
.....ccagaucuaucuuuccag.....	3	0	c04
.....ccagaucuaucuuuccagc.....	6	0	c04
.....ccagaucuaucuuuccagcu.....	10	0	c04
.....ccagCucuaucuuuccagcuc.....	1	1	c04
.....ccagaucuaucuuuccagcuc.....	48	0	c04
.....ccagaucuaucuAuccagcuca.....	1	1	c04
.....ccagaucuaucuuuccagAuca.....	1	1	c04
.....ccagaucuaucuuuccagcucC.....	3	1	c04
.....ccagaucAaucuuuccagcuca.....	1	1	c04
.....ccagaucuaucAuuccagcuca.....	1	1	c04
.....ccagaucuaucCuuccagcuca.....	1	1	c04
.....ccagaucuaucuuuccagcuca.....	691	0	c04
.....cAagaucuaucuuuccagcuca.....	1	1	c04
.....ccagaucuaucuuuccaCcuca.....	1	1	c04
.....ccagaucuaucuuuccagcuAa.....	2	1	c04
.....ccagaucuaucuCuccagcuca.....	1	1	c04
.....ccagaucuaucuuuccCgcuca.....	1	1	c04
.....ccGgaucuaucuuuccagcuca.....	1	1	c04
.....ccagCucuaucuuuccagcuca.....	6	1	c04
.....ccagaucuaucuuuccagcucU.....	4	1	c04
.....ccagaucuauAuuuccagcuca.....	1	1	c04
.....ccagaucuaGcuuuccagcuca.....	1	1	c04
.....ccagaucuaucuuuccagcucaU.....	11	1	c04
.....ccagaucuaucuuuccCgcucac.....	1	1	c04
.....ccagaucuaucuuuccagcucac.....	16	0	c04
.....ccagaucuaucuuuccagcucaA.....	8	1	c04
.....ccagaucuaucuuuccGgcucac.....	1	1	c04
.....ccagaucuaucuuuccagcucaUg.....	1	1	c04
.....ccagaucuaucuuuccagcucacA.....	1	1	c04
.....ccagaucuaucuuuccagcucacU.....	2	1	c04
.....aucuaucuuuccagcuca.....	4	0	c04

Provisional ID	:	group6_11097
Score total	:	2975.3
Score for star read(s)	:	3.9
Score for read counts	:	2965.8
Score for mfe	:	1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	5829
Mature read count	:	4754
Loop read count	:	0
Star read count	:	1075





Star **Mature**

```
5'- aacaacaaugaaguaacgacgcgugaaggaucaaguggaggugugaucucuucacuuuuuuuucuuaaagugagauucaacuccuccaacuuaauuccgaaacgcuguu  -3'   obs
    aacaacaaugaaguaacgacgcgugaaggaucaaguggaggugugaucucuucacuuuuuuuucuuaaagugagauucaacuccuccaacuuaauuccgaaacgcuguu        exp
    ................(((((((...(((..(((((((((.((((..(((.((((((........)))))))).)).)).)))))..))))...)))...)))))))  reads    mm    sample
    ..............................aaguggaggugugaucuc.....................................................................  11       0     c16
    ..............................Caguggaggugugaucuc.....................................................................  1        1     c16
    ..............................Caguggaggugugaucucu.....................................................................  1        1     c16
    ..............................aaguggaggugugaucucu.....................................................................  11       0     c16
    ..............................Caguggaggugugaucucuu....................................................................  6        1     c16
    ..............................aaguggaggugugaucucuu....................................................................  141      0     c16
    ..............................aaguggaggugAgaucucuu....................................................................  1        1     c16
    ..............................aaguggagCugugaucucuu....................................................................  1        1     c16
    ..............................aaguCgaggugugaucucuu....................................................................  1        1     c16
    ..............................aaCuggaggugugaucucuu....................................................................  1        1     c16
    ..............................aaguggaUgugugaucucuuc...................................................................  1        1     c16
    ..............................aaguggagUugugaucucuuc...................................................................  1        1     c16
    ..............................aaCuggaggugugaucucuuc...................................................................  2        1     c16
    ..............................aaguggaggugugaucucuuG...................................................................  1        1     c16
    ..............................aaguggaggugugaucucuuc...................................................................  211      0     c16
    ..............................Caguggaggugugaucucuuc...................................................................  11       1     c16
    ..............................aaguggaggugugaucucuuU...................................................................  6        1     c16
    ..............................aaguggagguUugaucucuuc...................................................................  1        1     c16
    ..............................aaguggagCugugaucucuuc...................................................................  2        1     c16
    ..............................aaguggaggugugaucucuuA...................................................................  1        1     c16
    ..............................aaguggaggugugaucucuuca..................................................................  269      0     c16
    ..............................aaguCgaggugugaucucuuca..................................................................  1        1     c16
    ..............................aaguggaggugugaucucuuAa..................................................................  3        1     c16
    ..............................Gaguggaggugugaucucuuca..................................................................  1        1     c16
    ..............................aaguggaCgugugaucucuuca..................................................................  1        1     c16
    ..............................aaguggaggguCaucucuuca...................................................................  1        1     c16
    ..............................aaguggaUgugugaucucuuca..................................................................  1        1     c16
    ..............................aaguggUgugugaucucuuca...................................................................  1        1     c16
    ..............................aaguggaggugugCucucuuca..................................................................  1        1     c16
    ..............................aaguggaggugugaucucuucU..................................................................  5        1     c16
    ..............................aaguggaggugugaucucuuUa..................................................................  1        1     c16
    ..............................aaguggagguCugaucucuuca..................................................................  1        1     c16
    ..............................aaCuggaggugugaucucuuca..................................................................  2        1     c16
```

Star Mature

aacaacaaugaaguaacgacgcgugaaggaucaaguggaggugugaucucuucacuuuuuuuucuuaaagugagauucaacuccuccaacuuaauuccgaaacgcuguu

..............................Caguggaggugugaucucuuca..	13	1	c16
..............................aaguggaggugugaucucuucac..	24	0	c16
..............................Caguggaggugugaucucuucac..	1	1	c16
..............................aaguggaggugugaucucuucaA..	62	1	c16
..............................aaguggaggugugaucucuucaU..	3	1	c16
..............................aaguggagUugugaucucuucac..	1	1	c16
..............................aaguggaggugugaucucGucacu..	1	1	c16
..............................aaguggaggugugaucucuucacu..	8	0	c16
..............................aaguggaggugugaucucuucacA..	5	1	c16
..............................aguggaggugugaucucuuca..	1	0	c16
..............................guggaggugugaucucuucac..	1	0	c16
..............................uggaggugugaucucuuc..	1	0	c16
..............................uggaggugugaucucuuA..	1	1	c16
..............................uggaggugugaucucuuca..	3	0	c16
..............................uggaggugugaucucuucac..	8	0	c16
..............................Gggaggugugaucucuucac..	1	1	c16
..............................uggaggugugaucucuucacu..	45	0	c16
..............................ugUaggugugaucucuucacu..	1	1	c16
..............................Gggaggugugaucucuucacu..	2	1	c16
..............................Gggaggugugaucucuucacuu..	5	1	c16
..............................uggaggugugauAucuucacuu..	1	1	c16
..............................uggaggugugaucucuucacuu..	34	0	c16
..............................uUgaggugugaucucuucacuu..	1	1	c16
..............................uggaggugugaucucuucacuuu..	72	0	c16
..............................uggagCugugaucucuucacuuu..	1	1	c16
..............................uggaggugugaucGcuucacuuu..	1	1	c16
..............................Gggaggugugaucucuucacuuu..	6	1	c16
..............................Gggaggugugaucucuucacuuuu..	1	1	c16
..............................uggaggugugaucucuucacuuuA..	3	1	c16
..............................uggaggugugaucucuucacuuuG..	1	1	c16
..............................uggaggugugaucucuucacuuuuuuuucuuaaaA..	1	1	c16
..............................ggaggugugaucucuuca..	1	0	c16
....gugagauucaacuccuccaaGu..	1	1	c16
....gugagauucaacuccuccaacu..	1	0	c16
....Cugagauucaacuccuccaacuu..	2	1	c16
....Cugagauucaacuccuccaacuua..	1	1	c16
....ugagauucaacuccucca..	30	0	c16
....Ggagauucaacuccucca..	3	1	c16
....ugagauucaacCccucca..	1	1	c16
....ugagauucaacuccucAaa..	1	1	c16
....Agagauucaacuccuccaa..	1	1	c16
....ugagauucaacuAcuccaa..	1	1	c16
....ugagaAucaacuccuccaa..	1	1	c16
....Ggagauucaacuccuccaa..	4	1	c16
....ugagauucaacuccuccaa..	57	0	c16
....Cgagauucaacuccuccaac..	1	1	c16
....ugagauuAaacuccuccaac..	2	1	c16
....ugagauucaacuccuccaac..	110	0	c16
....Ggagauucaacuccuccaac..	7	1	c16
....ugagauucaacuccuAcaac..	1	1	c16
....ugagauucCacuccuccaac..	1	1	c16
....ugagauucaUcuccuccaacu..	1	1	c16
....ugagauucGacuccuccaacu..	2	1	c16
....ugagauucaCcuccuccaacu..	1	1	c16
....ugagauucaacuccuccaCcu..	1	1	c16
....ugagauucCacuccuccaacu..	3	1	c16
....ugagauucaacuccuccGacu..	1	1	c16
....ugagauucaacuccucAaacu..	1	1	c16
....ugagaGucaacuccuccaacu..	1	1	c16
....ugagauucaacuccuccaacu..	264	0	c16
....Ggagauucaacuccuccaacu..	17	1	c16
....ugagauuAaacuccuccaacu..	1	1	c16
....ugagauucaacuccuAcaacu..	1	1	c16
....ugagauucaacuccuccaacA..	2	1	c16
....ugagauucaacuccuAcaacuu..	1	1	c16
....ugagauucCacuccuccaacuu..	1	1	c16
....ugagauucaacuccuccaacuA..	5	1	c16
....ugagauucaacAccuccaacuu..	1	1	c16
....ugagCuucaacuccuccaacuu..	3	1	c16
....ugagauucaacucAuccaacuu..	1	1	c16

Star Mature

aacaacaaugaaguaacgacgcgugaaggaucaaguggaggugugaucucuucacuuuuuuuucuuaaagugagauucaacuccuccaacuuaauuccgaaacgcuguu

.....ugagauuUaacuccuccaacuu.....	1	1	c16
.....ugagauucaacuccuccaacuC.....	2	1	c16
.....ugagauucaacuccuccaaAuu.....	1	1	c16
.....Agagauucaacuccuccaacuu.....	1	1	c16
.....Ggagauucaacuccuccaacuu.....	24	1	c16
.....ugagauucaCcuccuccaacuu.....	1	1	c16
.....ugagauucaacuUcuccaacuu.....	1	1	c16
.....uAagauucaacuccuccaacuu.....	1	1	c16
.....ugagauucaacuccuccaacuu.....	326	0	c16
.....ugagaAucaacuccuccaacuua.....	1	1	c16
.....ugagCuucaacuccuccaacuua.....	5	1	c16
.....Agagauucaacuccuccaacuua.....	4	1	c16
.....ugagauucaacuccucGaacuua.....	1	1	c16
.....ugagauucaacuccCccaacuua.....	1	1	c16
.....ugagauucaacCccuccaacuua.....	1	1	c16
.....ugagauucaacuccuccaacuuU.....	6	1	c16
.....ugagauucaacuAcuccaacuua.....	1	1	c16
.....ugagauucaacuCuccaacuua.....	2	1	c16
.....ugagauucaacuccucAaacuua.....	3	1	c16
.....ugagauucaacuccuccaacuuG.....	2	1	c16
.....ugagauucaacuccuccaCcuua.....	1	1	c16
.....ugagauucCacuccuccaacuua.....	2	1	c16
.....ugagauucaacuccuccaaUuua.....	1	1	c16
.....ugagauucaCcuccuccaacuua.....	4	1	c16
.....Ggagauucaacuccuccaacuua.....	57	1	c16
.....ugagauucaacuccuccaacuua.....	709	0	c16
.....ugagauucaacucAuccaacuuaa.....	1	1	c16
.....ugagaCucaacuccuccaacuuaa.....	2	1	c16
.....Cgagauucaacuccuccaacuuaa.....	2	1	c16
.....ugagauucaaUuccuccaacuuaa.....	1	1	c16
.....ugagCuucaacuccuccaacuuaa.....	4	1	c16
.....ugagauAcaacuccuccaacuuaa.....	1	1	c16
.....ugGgauucaacuccuccaacuuaa.....	1	1	c16
.....ugagauucaacuccucGaacuuaa.....	1	1	c16
.....Ggagauucaacuccuccaacuuaa.....	105	1	c16
.....ugagauucaacuccuccaCcuuaa.....	1	1	c16
.....ugaCauucaacuccuccaacuuaa.....	1	1	c16
.....ugagauucaacuccuccaacuuaU.....	26	1	c16
.....ugagauucaacuccucCacuuaa.....	3	1	c16
.....ugagauucaacuccuccaGcuuaa.....	1	1	c16
.....ugCgauucaacuccuccaacuuaa.....	1	1	c16
.....ugagauucaacuccuccaacGuaa.....	1	1	c16
.....ugagauucaacuccuccaacuGaa.....	1	1	c16
.....ugagauucaacuccuUcaacuuaa.....	2	1	c16
.....ugagauucaacuccAccaacuuaa.....	1	1	c16
.....ugagauucaacuccuccaacuuaG.....	4	1	c16
.....Agagauucaacuccuccaacuuaa.....	4	1	c16
.....ugagauucaCcuccuccaacuuaa.....	5	1	c16
.....ugagauucaacuccuAcaacuuaa.....	3	1	c16
.....ugagauuAaacuccuccaacuuaa.....	1	1	c16
.....ugagauucaacCccuccaacuuaa.....	1	1	c16
.....ugagauucaacuccucAaacuuaa.....	1	1	c16
.....uCagauucaacuccuccaacuuaa.....	1	1	c16
.....ugagauucaacuccuccaacuuaC.....	3	1	c16
.....ugagauucaacuccuccaacuuaa.....	1252	0	c16
.....ugagauucCacuccuccaacuuaa.....	2	1	c16
.....ugagauucaaAuccuccaacuuaa.....	1	1	c16
.....ugagauCcaacuccuccaacuuaa.....	2	1	c16
.....ugagauucaacuccuccaacuuaaC.....	2	1	c16
.....ugagauucaacuccuccaacuuaaG.....	6	1	c16
.....ugagauucaacuccuccaacuuaau.....	7	0	c16
.....ugagauucaacuccuccaacuuaaA.....	520	1	c16
.....Ggagauucaacuccuccaacuuaau.....	2	1	c16
.....ugagauucaacuccuccaacuuaaAu.....	1	1	c16
.....ugagauucaacuccuccaacuuaaGu.....	1	1	c16
.....gagauucaacuccuccaacu.....	1	0	c16
.....Uagauucaacuccuccaacuua.....	1	1	c16
.....gagauucaacuccuccaacuuaU.....	1	1	c16
.....gagauucaacuccuccaacuuaa.....	9	0	c16
.....gagauucaacuccuccaacuuaaA.....	2	1	c16

Star Mature

aacaacaaugaaguaacgacgcgugaaggaucaaguggaggugugaucucuucacuuuuuuuucuuaaagugagauucaacuccuccaacuuaauuccgaaacgcuguu

.....agauucaacuccuccaacuua.....	2	0	c16
.....agauucaacuccuccaacuuaa.....	4	0	c16
.....agauucaacuccuccaacuuaU.....	2	1	c16
.....gauucaacuccuccaacuu.....	1	0	c16
.....Cuucaacuccuccaacuu.....	1	1	c16
.....auucaacuccuccaacuu.....	4	0	c16
.....auucaacuccuccaacuua.....	4	0	c16
.....auucaacuccuccaacuuaa.....	16	0	c16
.....auucaacuccuccaacuuaU.....	1	1	c16
.....Cuucaacuccuccaacuuaa.....	2	1	c16
.....auucaacuccuccaacuuaaA.....	5	1	c16
.....uucaacuccuccaacuua.....	3	0	c16
.....uucaacuccuccaacuuaa.....	2	0	c16
.....Gucaacuccuccaacuuaa.....	1	1	c16
.....uucaacuccuccaacuuaaA.....	1	1	c16
.....caacuccuccaacuuaaA.....	2	1	c16

.....aaguggaggugugaucucuucacu.....	1	0	c04
.....uggaggugugaucucuuca.....	1	0	c04
.....uggaggugugaucucuucacuu.....	1	0	c04
.....uggaggugugaucucuucacuuu.....	3	0	c04
.....ugagauucaacuccucca.....	3	0	c04
.....ugagauucaacuccuccaa.....	3	0	c04
.....Ggagauucaacuccuccaac.....	1	1	c04
.....ugagauucaacuccuccaac.....	6	0	c04
.....ugagauucaacuccuccaacu.....	19	0	c04
.....ugagauuAaacuccuccaacuu.....	1	1	c04
.....ugagauucaacuccuccaacuu.....	87	0	c04
.....ugagauucaacuccuccaacuG.....	1	1	c04
.....ugagauucaaAuccuccaacuu.....	1	1	c04
.....Ggagauucaacuccuccaacuu.....	1	1	c04
.....Ggagauucaacuccuccaacuua.....	1	1	c04
.....ugGgauucaacuccuccaacuua.....	1	1	c04
.....ugagauuUaacuccuccaacuua.....	1	1	c04
.....ugagauucaacuccuccaacuuU.....	6	1	c04
.....ugagauucaacuccuccaacuua.....	37	0	c04
.....ugagauucaacuccuAcaacuua.....	1	1	c04
.....ugagauucaacuccuccaacuuaC.....	1	1	c04
.....ugagauucaacuccuccaacuuaG.....	1	1	c04
.....Ggagauucaacuccuccaacuuaa.....	4	1	c04
.....ugagauucaacuccuccaacuuaa.....	33	0	c04
.....ugagauucaacAccuccaacuuaa.....	1	1	c04
.....ugagauucaacuccuccaacuuaU.....	11	1	c04
.....ugagauucaacuccuccaacuuaaG.....	1	1	c04
.....ugagauucaacuccuccaacuuaau.....	1	0	c04
.....ugagauucaacuccuccaacuuaaA.....	4	1	c04
.....ugagauucaacuccuccaacuuaUu.....	2	1	c04
.....auucaacuccuccaacuu.....	1	0	c04
.....Cuucaacuccuccaacuua.....	1	1	c04
.....ucaacuccuccaacuuaa.....	1	0	c04

.....aaguggaggugugaucucuu.....	1	0	c09
.....aaguggaggugugaucucuuc.....	11	0	c09
.....aaguggaggugugaucucuuca.....	5	0	c09
.....aaguggaggugugaucucuucac.....	2	0	c09
.....aaguggaggugugaucucuucaU.....	1	1	c09
.....Gggaggugugaucucuucacu.....	1	1	c09
.....uggaggugugaucucuucacuu.....	1	0	c09
.....uggaggugugaucucuucacuuu.....	1	0	c09
.....ugagauucaacuccucca.....	2	0	c09
.....ugagauucaacuccuccaa.....	1	0	c09
.....ugagauucaacuccuccaac.....	2	0	c09
.....Ggagauucaacuccuccaacu.....	1	1	c09
.....ugagauucaacuccuccaacu.....	12	0	c09
.....ugagGuucaacuccuccaacuu.....	1	1	c09
.....ugagauucaacuccuccUacuu.....	1	1	c09
.....ugagauucaacuccuccaacuu.....	32	0	c09
.....Ggagauucaacuccuccaacuu.....	1	1	c09
.....ugagauucaacuccuccaacuua.....	13	0	c09
.....ugagauucaacuccuccaacuuaG.....	1	1	c09

Star Mature

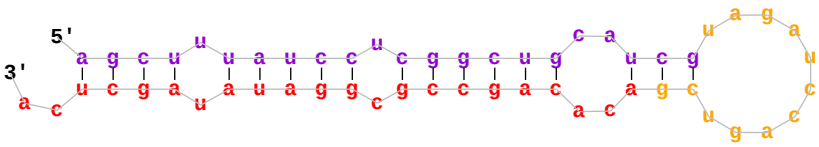
aacaacaaugaaguaacgacgcgugaaggaucaaguggaggugugaucucuucacuuuuuuuucuuaaagugagauucaacuccuccaacuuaauuccgaaacgcuguu

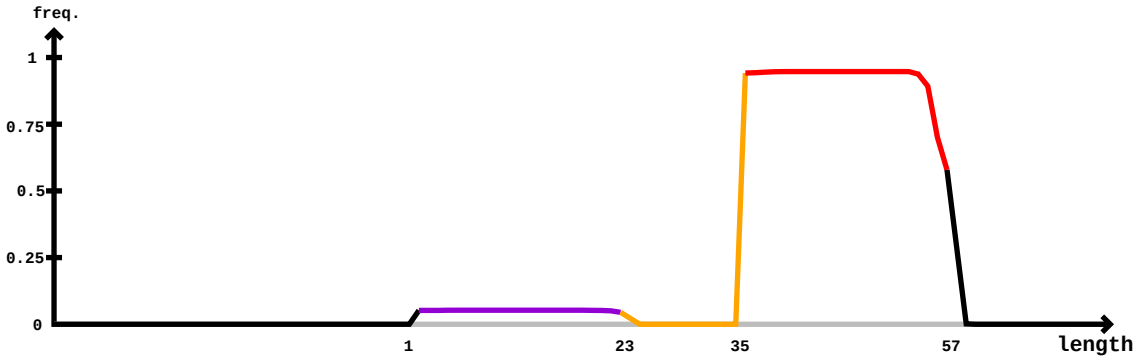
.....Agagauucaacuccuccaacuuaa.....	1	1	c09
.....ugagauucCacuccuccaacuuaa.....	1	1	c09
.....ugagauucaacuccuccaacuuaa.....	15	0	c09
.....ugagauucaacuccuccaacuuaaG.....	1	1	c09
.....gagauucaacuccuccaacuu.....	1	0	c09
.....gagauucaacuccuccaacuua.....	1	0	c09
.....agauucaacuccuccaacuua.....	2	0	c09
.....auucaacuccuccaacuua.....	1	0	c09
.....auucaacuccuccaacuuaa.....	2	0	c09
.....aaguggaggugugaucucu.....	1	0	c02
.....aaguggaggugugaucucuu.....	3	0	c02
.....aaguggaggugugaucucuuU.....	2	1	c02
.....aaguggaggugugaucucuuc.....	4	0	c02
.....aaguggaggugugaucucuuca.....	1	0	c02
.....uggaggugugaucucuucacu.....	2	0	c02
.....uggaggugugaucucuucacuuu.....	2	0	c02
.....ugagauucaacuccuccaac.....	2	0	c02
.....ugagauucaacuccuccaacu.....	6	0	c02
.....ugagauucaacuccuccaacuu.....	35	0	c02
.....Ggagauucaacuccuccaacuu.....	5	1	c02
.....ugagauucCacuccuccaacuu.....	1	1	c02
.....ugagauucaacuccuccaacuua.....	15	0	c02
.....ugagauucaacuccuccaacuuG.....	1	1	c02
.....ugagauucaacuccuccaacuuaa.....	4	0	c02
.....ugagauucaacuccuccaacuuaU.....	3	1	c02
.....ugagauucaacuccuccaacuuaau.....	2	0	c02
.....agauucaacuccuccaacuua.....	1	0	c02
.....agauucaacuccuccaacuuaa.....	1	0	c02
.....auucaacuccuccaacuu.....	3	0	c02
.....auucaacuccuccaacuua.....	1	0	c02
.....Cuucaacuccuccaacuua.....	1	1	c02
.....auucaacuccuccaacuuaa.....	1	0	c02
.....auucaacuccuccaacuuaU.....	1	1	c02
.....aaguggaggugugaucucuu.....	1	0	c15
.....aaguggaggugugaucucuuc.....	2	0	c15
.....aaguggaggugugaucucuuca.....	4	0	c15
.....aaguggaggugugaucucuucaU.....	1	1	c15
.....aaguggaggugugaucucuucac.....	1	0	c15
.....aaguggaggugugaucucuucacu.....	1	0	c15
.....uggaggugugaucucuucaUu.....	1	1	c15
.....uggaggugugaucucuucacu.....	5	0	c15
.....uggaggugugaucucuucacuu.....	2	0	c15
.....uggaggugugaucucuucacuuu.....	2	0	c15
.....uggaggugugaucucuucacuuuu.....	2	0	c15
.....Cugagauucaacuccuccaacuuaa.....	2	1	c15
.....ugagauucaacuccuccaac.....	4	0	c15
.....ugagauucaacuccuccaacu.....	39	0	c15
.....ugagauucaacuccuccaacA.....	1	1	c15
.....ugagauucaacuccuccaacuu.....	38	0	c15
.....ugagauucaacuccuccaacuua.....	73	0	c15
.....ugagauucaacuccuccaacuuU.....	8	1	c15
.....ugagauuUaacuccuccaacuua.....	1	1	c15
.....ugagGuucaacuccuccaacuuaa.....	1	1	c15
.....ugagauucaacuccuccaacuuaG.....	1	1	c15
.....ugagauuUaacuccuccaacuuaa.....	1	1	c15
.....ugagauucaacAccuccaacuuaa.....	1	1	c15
.....uUagauucaacuccuccaacuuaa.....	1	1	c15
.....ugagauucaacuccuccaacuuaU.....	15	1	c15
.....ugagauucaacuccuccaacuuaa.....	377	0	c15
.....ugagauucaacuccuAcaacuuaa.....	1	1	c15
.....ugagauucaacCccuccaacuuaa.....	2	1	c15
.....ugagaAucaacuccuccaacuuaa.....	1	1	c15
.....ugagauucaacuccuccaacuCaa.....	1	1	c15
.....ugagauucaacuccuccaacuuaau.....	16	0	c15
.....ugagauucaacuccuccaacuuaaA.....	22	1	c15
.....ugagauucaacuccuccaacuuaUu.....	1	1	c15
.....gagauucaacuccuccaacuua.....	2	0	c15
.....gagauucaacuccuccaacuuaa.....	5	0	c15

Star Mature

aacaacaaugaaguaacgacgcgugaaggaucaaguggaggugugaucucuucacuuuuuuuucuuaaagugagauucaacuccuccaacuuaauuccgaaacgcuguu

Provisional ID	:	group6_11183
Score total	:	4680.1
Score for star read(s)	:	3.9
Score for read counts	:	4673.2
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	9178
Mature read count	:	8694
Loop read count	:	0
Star read count	:	484





Star **Mature**

```
5'- uucaagagauuccaacaacgauagacuuugaucaugagcuuuauccucggcugcaucguagauccagucgacacagccgcggauauagcucaugauuaggucuuugaa -3'   obs
    uucaagagauuccaacaacgauagacuuugaucaugagcuuuauccucggcugcaucguagauccagucgacacagccgcggauauagcucaugauuaggucuuugaa       exp
    ..................(((.((((((.((((((((((.(((((.((((((..(((..........)))..)))))).)))))..)))))))))))))))))..  reads     mm        sample
    .....................................agcuuuauccucggcugcauc.....................................................  4         0         c15
    .....................................agcuuuauccucggcugcaucg....................................................  13        0         c15
    .....................................agcuuuauccucggcugcaucgA...................................................  2         1         c15
    .....................................agcuuuauccucggcugcaucgC...................................................  1         1         c15
    ...........................................................acacagccgcggauauagc...................  1         0         c15
    ...........................................................acacagccgcggauauagcu..................  18        0         c15
    ...........................................................acacagccgcggauauagcuU.................  1         1         c15
    ...........................................................acGcagccgcggauauagcuca................  1         1         c15
    ...........................................................acacagccgcggauauagcuca................  53        0         c15
    ...........................................................aUacagccgcggauauagcuca................  1         1         c15
    ...........................................................acacagccgcggauauagcucaA...............  2         1         c15
    .............................................................cacagccgcggauauagcu..................  1         0         c15
    .............................................................cacagccgcggauauagcuca................  1         0         c15

    .....................................agcuuuauccucggcugcaucg....................................................  4         0         c02
    .....................................agcuuuauccucggcugcaucgu...................................................  1         0         c02
    ......................................uuuauccucggcugcaucguU....................................................  1         1         c02
    ...........................................................acacagccgcggauauag...................  2         0         c02
    ...........................................................acacagccgcggauauagc..................  1         0         c02
    ...........................................................acacagccgUggauauagcu..................  1         1         c02
    ...........................................................aUacagccgcggauauagcu..................  1         1         c02
    ...........................................................acacagccgcggauauagcu..................  21        0         c02
    ...........................................................Ccacagccgcggauauagcu..................  8         1         c02
    ...........................................................acacagccgcggauauagcuc.................  3         0         c02
    ...........................................................acacagccgcggauauagcuA.................  1         1         c02
    ...........................................................Ccacagccgcggauauagcuc.................  1         1         c02
    ...........................................................acacagccgAggauauagcuca................  1         1         c02
    ...........................................................acacagccgcggauauagcuca................  32        0         c02
    ...........................................................acaUagccgcggauauagcuca................  1         1         c02
    ...........................................................Ccacagccgcggauauagcuca................  9         1         c02
    .............................................................acagccgcggauauagcuc.................  1         0         c02
    ...............................................................cagccgcggauauagcuca................  1         0         c02

    .....................................agcuuuauccucggcugcauc.....................................................  1         0         c09
```

Star Mature

uucaagagauuccaacaacgauagacuuugaucaugagcuuuauccucggcugcaucguagauccagucgacacagccgcggauauagcucaugauuaggucuuugaa

.....agcuuuauccucggcugcauAg.....	1	1	c09
.....Cgcuuuauccucggcugcaucg.....	1	1	c09
.....agcuuuauccucggcugcaucg.....	8	0	c09
.....agcuuuauccucggcugcaucgC.....	1	1	c09
.....acacagccgcggauauag.....	1	0	c09
.....acacagccgcggauauagc.....	2	0	c09
.....Ccacagccgcggauauagc.....	1	1	c09
.....Ccacagccgcggauauagcu.....	2	1	c09
.....acacagccgcggauauagcu.....	10	0	c09
.....acacagccgcggauauagcuA.....	1	1	c09
.....acacagccgcggauauagcuU.....	1	1	c09
.....Ccacagccgcggauauagcuc.....	1	1	c09
.....acacagccgcggauauagcuc.....	3	0	c09
.....acacagccgcggauauagcuca.....	19	0	c09
.....Ccacagccgcggauauagcuca.....	4	1	c09
.....agcuuuauccucggcugc.....	1	0	c16
.....agcuuuauccucggcugca.....	1	0	c16
.....agcuuuauccucggcugcau.....	7	0	c16
.....Cgcuuuauccucggcugcau.....	2	1	c16
.....agAuuuauccucggcugcauc.....	1	1	c16
.....agcuuuauccucggcugcauc.....	23	0	c16
.....Cgcuuuauccucggcugcauc.....	2	1	c16
.....Cgcuuuauccucggcugcaucg.....	25	1	c16
.....agcuuuauAcucggcugcaucg.....	1	1	c16
.....agcuuuauccucggcugAaucg.....	1	1	c16
.....agcuuuauccucggcugcaucg.....	79	0	c16
.....agcuuuaucAucggcugcaucg.....	2	1	c16
.....agcuuuauccuAggcugcaucg.....	1	1	c16
.....agcuuuauccucggcugcaucgu.....	1	0	c16
.....agcuuuauccucggcugcaucgG.....	1	1	c16
.....agcuuuauccucggcugcaucUua.....	1	1	c16
.....uuuauccucggcugcaucg.....	3	0	c16
.....uuuauccucggcugcaucgA.....	1	1	c16
.....Aacacagccgcggauauagcuca.....	1	1	c16
.....acacagccgcggauauag.....	27	0	c16
.....acacagccgcggauauaU.....	1	1	c16
.....aAacagccgcggauauag.....	1	1	c16
.....acacCgccgcggauauag.....	1	1	c16
.....Ccacagccgcggauauag.....	13	1	c16
.....acacagccgcggauauaC.....	1	1	c16
.....acacagccgcgCauauag.....	1	1	c16
.....acacagccgcggauauagc.....	208	0	c16
.....acaUagccgcggauauagc.....	1	1	c16
.....acacagccCcggauauagc.....	1	1	c16
.....acacagccgAggauauagc.....	1	1	c16
.....Ccacagccgcggauauagc.....	113	1	c16
.....acacagcUgcggauauagc.....	1	1	c16
.....acacagccgcUgauauagc.....	1	1	c16
.....acacagccgcggauauagA.....	1	1	c16
.....Ucacagccgcggauauagcu.....	2	1	c16
.....acacagccgUggauauagcu.....	2	1	c16
.....acacagccgcggauauaAcu.....	1	1	c16
.....acaAagccgcggauauagcu.....	1	1	c16
.....Ccacagccgcggauauagcu.....	433	1	c16
.....acacCgccgcggauauagcu.....	3	1	c16
.....acacagccgcggauauagcA.....	87	1	c16
.....acGcagccgcggauauagcu.....	3	1	c16
.....acacGgccgcggauauagcu.....	2	1	c16
.....acacagccgcggauauagcC.....	2	1	c16
.....acacaUccgcggauauagcu.....	1	1	c16
.....acacagAcgcggauauagcu.....	6	1	c16
.....acacagccgcggauauaUcu.....	1	1	c16
.....acacagccUcggauauagcu.....	1	1	c16
.....acacaCccgcggauauagcu.....	1	1	c16
.....acacagccgAggauauagcu.....	5	1	c16
.....acaUagccgcggauauagcu.....	1	1	c16
.....Gcacagccgcggauauagcu.....	1	1	c16
.....acacagccgcggaCauagcu.....	2	1	c16
.....acacagcAgcggauauagcu.....	3	1	c16

Star Mature

uucaagagauuccaacaacgauagacuuugaucaugagcuuuauccucggcugcaucguagauccagucgacacagccgcggauauagcucaugauuaggucuuugaa

.....acacagccCcggauauagcu.....	1	1	c16
.....acacagccgcggauauagcu.....	874	0	c16
.....aAacagccgcggauauagcu.....	2	1	c16
.....acacagccgcggGuauagcu.....	1	1	c16
.....acacagccAcggauauagcu.....	1	1	c16
.....acacagccgcggauauagcG.....	1	1	c16
.....acacagccgcgUauauagcu.....	1	1	c16
.....acacagccgcCgauauagcu.....	2	1	c16
.....Ccacagccgcggauauagcuc.....	163	1	c16
.....acacagccgcggauauagcuc.....	281	0	c16
.....Gcacagccgcggauauagcuc.....	1	1	c16
.....acacCgccgcggauauagcuc.....	2	1	c16
.....acacagccgcggauauagcuG.....	2	1	c16
.....acacagccgAggauauagcuc.....	1	1	c16
.....acacagccgcggauauagcuU.....	17	1	c16
.....acCcagccgcggauauagcuc.....	1	1	c16
.....acacaAccgcggauauagcuc.....	1	1	c16
.....aAacagccgcggauauagcuc.....	1	1	c16
.....acacagAcgcggauauagcuc.....	4	1	c16
.....acacagccCcggauauagcuc.....	1	1	c16
.....acacagccgcggauauagcuA.....	66	1	c16
.....acacagccgcggCuauagcuc.....	1	1	c16
.....acacagccgcggauauaUcuc.....	1	1	c16
.....acacagccgcggauauagcCca.....	3	1	c16
.....acacagcUgcggauauagcuca.....	1	1	c16
.....acacagccgcgCauauagcuca.....	4	1	c16
.....acacagccUcggauauagcuca.....	1	1	c16
.....Gcacagccgcggauauagcuca.....	3	1	c16
.....acaUagccgcggauauagcuca.....	2	1	c16
.....acaGagccgcggauauagcuca.....	1	1	c16
.....acacagccgcggauauagcAca.....	1	1	c16
.....acacagUcgcggauauagcuca.....	2	1	c16
.....acacagccgcggauauaCcuca.....	5	1	c16
.....acacGgccgcggauauagcuca.....	3	1	c16
.....acacagccgcCgauauagcuca.....	2	1	c16
.....acacagccgcggauauaUcuca.....	3	1	c16
.....acacagccCcggauauagcuca.....	3	1	c16
.....acacagcAgcggauauagcuca.....	12	1	c16
.....acacagccgAggauauagcuca.....	5	1	c16
.....acacagccgcggauUuagcuca.....	1	1	c16
.....acacagccgcggauauagcucC.....	2	1	c16
.....acacagccgcggCuauagcuca.....	1	1	c16
.....acacagccgcggauauagcuca.....	2065	0	c16
.....acacagccgcggauauagUuca.....	2	1	c16
.....acacagccgcggauauagcuAa.....	17	1	c16
.....acacagccAcggauauagcuca.....	1	1	c16
.....acGcagccgcggauauagcuca.....	1	1	c16
.....acacCgccgcggauauagcuca.....	8	1	c16
.....acacagccgGggauauagcuca.....	1	1	c16
.....acCcagccgcggauauagcuca.....	1	1	c16
.....acacaCccgcggauauagcuca.....	3	1	c16
.....aUacagccgcggauauagcuca.....	2	1	c16
.....acacagccgcggauauagAuca.....	3	1	c16
.....acacagccgcggauaAagcuca.....	1	1	c16
.....acacagccgUggauauagcuca.....	1	1	c16
.....acacagAcgcggauauagcuca.....	7	1	c16
.....acacaAccgcggauauagcuca.....	1	1	c16
.....Ccacagccgcggauauagcuca.....	1071	1	c16
.....acacagccgcggauauagcucU.....	14	1	c16
.....acacagccgcggauauagcucaG.....	8	1	c16
.....Ccacagccgcggauauagcucau.....	44	1	c16
.....acacagccgcggauauagcucaC.....	5	1	c16
.....acacagccgcggauauagcucUu.....	1	1	c16
.....acacagccgcggauauagcucaA.....	87	1	c16
.....acacagccgcggauauagAucau.....	1	1	c16
.....acacagccgcgCauauagcucau.....	1	1	c16
.....acacagccgcggauauagcucau.....	88	0	c16
.....acacagccgcggauauagcucauC.....	1	1	c16
.....acacagccgcggauauagcucauA.....	2	1	c16
.....acacagccgcggauauagcucauU.....	6	1	c16

Star Mature

uucaagagauuccaacaacgauagacuuugaucaugagcuuuauccucggcugcaucguagauccagucgacacagccgcggauauagcucaugauuaggucuuugaa

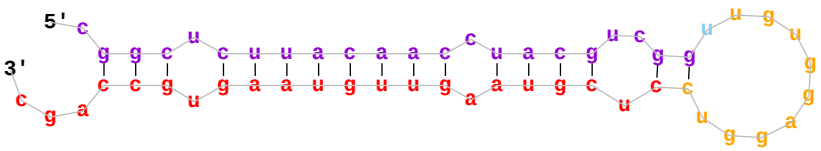
.....cacagccgcggauauagcu.....	3	0	c16
.....cacagccgcggauauagcuca.....	3	0	c16
.....acagccgcggauauagcu.....	4	0	c16
.....acagccgcggauauagcuca.....	5	0	c16
.....Ccagccgcggauauagcuca.....	2	1	c16
.....acagccgcggauauagcucauA.....	1	1	c16
.....acagccgcggauauagcucauU.....	1	1	c16
.....cagccgcggauauagcAc.....	1	1	c16
.....cagccgcggauauagcuc.....	1	0	c16
.....cagccgcggauauagcuca.....	5	0	c16
.....agccgcggauauagcuca.....	2	0	c16
.....agcuuuauccucggcugU.....	1	1	c04
.....agcuuuauccucggcugc.....	3	0	c04
.....agcuuuauccucggcugca.....	3	0	c04
.....agcuuuauccucggcugcau.....	3	0	c04
.....agcuuuauccucggcugcauc.....	21	0	c04
.....agcuuuauccucggcugAaucg.....	1	1	c04
.....Cgcuuuauccucggcugcaucg.....	37	1	c04
.....aAcuuuauccucggcugcaucg.....	1	1	c04
.....agcuuuauccucggcugcaucA.....	4	1	c04
.....agcuAuauccucggcugcaucg.....	1	1	c04
.....agcuuuauccucggcugcaucg.....	208	0	c04
.....agcuuuauccucggcugcaucgA.....	1	1	c04
.....agcuuuauccucggcugcaucgu.....	5	0	c04
.....agcuuAauccucggcugcaucgu.....	1	1	c04
.....agcuuuauccucggcugcaucgAa.....	1	1	c04
.....uuuauccucggcugcaucg.....	1	0	c04
.....uuauccucggcugcaucg.....	1	0	c04
.....Uacacagccgcggauauagcuca.....	1	1	c04
.....acacagccgcggauauaC.....	1	1	c04
.....acacagccgcggauauUg.....	1	1	c04
.....Ccacagccgcggauauag.....	3	1	c04
.....acacagccgcggauauag.....	33	0	c04
.....acacCgccgcggauauagc.....	1	1	c04
.....acacagccgcggauauagc.....	69	0	c04
.....acacagccgcggauauagU.....	1	1	c04
.....acacagccgcAgauauagc.....	1	1	c04
.....acacagccgcggauauagA.....	1	1	c04
.....Ccacagccgcggauauagc.....	13	1	c04
.....acacagccgcggauauagcu.....	180	0	c04
.....acacagccgcggauauagcA.....	21	1	c04
.....Ccacagccgcggauauagcu.....	37	1	c04
.....acacagccgcggauauaAcu.....	1	1	c04
.....acacCgccgcggauauagcu.....	1	1	c04
.....acacagccgcggauauagcC.....	1	1	c04
.....acacagccgAggauauagcu.....	2	1	c04
.....acGcagccgcggauauagcu.....	1	1	c04
.....acacagAcgcggauauagcu.....	1	1	c04
.....acacagcUgcggauauagcu.....	1	1	c04
.....acacagccgcggauauagcG.....	1	1	c04
.....acacagccgcggauauagcuU.....	16	1	c04
.....Ccacagccgcggauauagcuc.....	31	1	c04
.....acacagccgcggauauagcuc.....	117	0	c04
.....acacagccgcggauauagcAc.....	1	1	c04
.....acacagccgcggauauGgcuc.....	1	1	c04
.....acacagccgcggauauagcuG.....	2	1	c04
.....aAacagccgcggauauagcuc.....	1	1	c04
.....acaUagccgcggauauagcuc.....	1	1	c04
.....acacagccgcggauauagcuA.....	389	1	c04
.....acacagccgcCgauauagcuca.....	1	1	c04
.....acacagccgcggauauagcucU.....	1	1	c04
.....acCcagccgcggauauagcuca.....	3	1	c04
.....acacagccgcAgauauagcuca.....	1	1	c04
.....acacagccgcUgauauagcuca.....	1	1	c04
.....acacagccgcggauaAagcuca.....	1	1	c04
.....acacaCccgcggauauagcuca.....	1	1	c04
.....Ccacagccgcggauauagcuca.....	255	1	c04
.....aUacagccgcggauauagcuca.....	1	1	c04
.....acacagccgcggauauagcuUa.....	1	1	c04

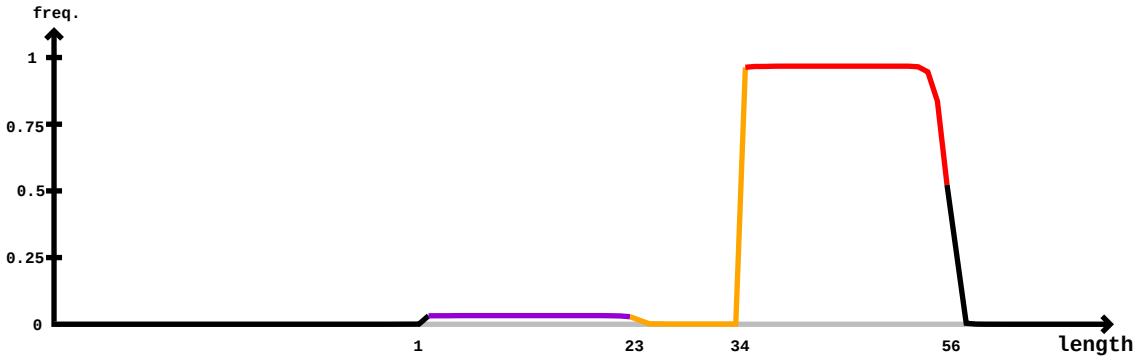
Star Mature

uucaagagauuccaacaacgauagacuuugaucaugagcuuuauccucggcugcaucguagauccagucgacacagccgcggauauagcucaugauuaggucuuugaa

.....acacagcAgcggauauagcuca.....	1	1	c04
.....acaAagccgcggauauagcuca.....	2	1	c04
.....acacagccgcgCauauagcuca.....	1	1	c04
.....acacagccCcggauauagcuca.....	1	1	c04
.....acacagccgAggauauagcuca.....	6	1	c04
.....acacagccgcggauauUgcuca.....	2	1	c04
.....acacagccgUggauauagcuca.....	1	1	c04
.....acGcagccgcggauauagcuca.....	5	1	c04
.....acacagcUgcggauauagcuca.....	1	1	c04
.....acacagccgcgUauauagcuca.....	1	1	c04
.....acaUagccgcggauauagcuca.....	1	1	c04
.....acacagccgcggauauagcuca.....	1132	0	c04
.....acacagccgcggauauagcuAa.....	101	1	c04
.....acacCgccgcggauauagcuca.....	4	1	c04
.....acacagccgcggauauaCcuca.....	2	1	c04
.....acacaUccgcggauauagcuca.....	2	1	c04
.....acacagccgcggauauagAuca.....	2	1	c04
.....acacagccgcggauauagcucC.....	1	1	c04
.....acacagccgcggauauCgcuca.....	1	1	c04
.....acacagccgcggauauGgcuca.....	4	1	c04
.....acacagAcgcggauauagcuca.....	4	1	c04
.....acacGgccgcggauauagcuca.....	2	1	c04
.....acacagccUcggauauagcuca.....	2	1	c04
.....acacagcAgcggauauagcucau.....	1	1	c04
.....acacagccgcggauauagcucUu.....	1	1	c04
.....acacagccgcggauauagcucaA.....	87	1	c04
.....acacagccgcggauauagcucaG.....	3	1	c04
.....Ccacagccgcggauauagcucau.....	4	1	c04
.....acacagccgcggauauagcucaC.....	3	1	c04
.....acacagccgcggauauagcucau.....	8	0	c04
.....acacagccgcggauauagcucauA.....	2	1	c04
.....acacagccgcggauauagcucauC.....	1	1	c04
.....cacagccgcggauauagcuca.....	2	0	c04
.....acagccgcggauauagcuc.....	2	0	c04
.....acagccgcggauauagcuca.....	1	0	c04
.....Ccagccgcggauauagcuca.....	1	1	c04
.....cagccgcggauauagcuA.....	2	1	c04
.....cagccgcggauauagcuc.....	1	0	c04
.....cagccgcggauauagcuAa.....	1	1	c04
.....cagccgcggauauagcuca.....	2	0	c04
.....Gagccgcggauauagcuca.....	1	1	c04
.....agccgcggauauagcuca.....	3	0	c04
.....gccgcggauauagcucaA.....	1	1	c04

Provisional ID	:	group6_11371
Score total	:	22285.5
Score for star read(s)	:	3.9
Score for read counts	:	22279
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	43711
Mature read count	:	42323
Loop read count	:	0
Star read count	:	1388





Star **Mature**

```
5'- auacucuaccacuccagacuagugcaguauagucaguCGGCUCUUACAACCUACGUCGGUUGUGGAGGUCCUCGUAAGUUGUAAGUGCCAGCUGAAUAUACUGUUAUC -3'   obs
    auacucuaccacuccagacuagugcaguauagucaguCGGCUCUUACAACCUACGUCGGUUGUGGAGGUCCUCGUAAGUUGUAAGUGCCAGCUGAAUAUACUGUUAUC      exp
    .....................(((((((((.(((((.(((.(((((((((.((((..((.........)).)))).)))))))).)))..)))))..)))))))).....  reads    mm    sample
    ................................Cgucggcucuuacaaccuacgu.....................................................  1        1     c02
    ....................................cggcucuuacaCccuacguc.....................................................  1        1     c02
    ....................................cggcucuuacaaccuacguc.....................................................  6        0     c02
    ....................................cggcucuuacaaccuacgucg....................................................  27       0     c02
    ....................................cggcucuuacaaccuaAgucg....................................................  1        1     c02
    ....................................cggcucuuacaaccuacguAgg...................................................  1        1     c02
    ....................................cggcucuuacCaccuacgucgg...................................................  1        1     c02
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    ....................................cUgcucuuacaaccuacgucgg...................................................  1        1     c02
    ....................................cggcucuuacaGccuacgucgg...................................................  2        1     c02
    ....................................cggcucuuacaaccuacgucgg...................................................  140      0     c02
    ....................................cggcGcuuacaaccuacgucgg...................................................  1        1     c02
    ....................................cggcucuuacaaccuacgucggu..................................................  4        0     c02
    ....................................cggcucuuacaaccuacgucgguu.................................................  4        0     c02
    ....................................cggcucuuacaaccuacgucgguuU................................................  1        1     c02
    ....................................cggcucuuacaaccuacgucgguuguggaggucU........................................  1        1     c02
    ....................................ggcucuuacaaccuacgucgg....................................................  1        0     c02
    ....................................Cgcucuuacaaccuacgucgg....................................................  1        1     c02
    ....................................cucuuacaaccuacgucgg......................................................  2        0     c02
    ....................................cucuuacaaccuacgucggu.....................................................  1        0     c02
    ..........................................................................guUcucguaaguuguaagu.....................  1        1     c02
    ..........................................................................cucguaaguuguaagAgc.....................  1        1     c02
    ..........................................................................cucguaaguuguaagugc.....................  11       0     c02
    ..........................................................................cucguaaguuguaGgugcc.....................  1        1     c02
    ..........................................................................cucguaaguuguaagCgcc.....................  1        1     c02
    ..........................................................................cucguaaguuguaaCugcc.....................  1        1     c02
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    ..........................................................................cuAguaaguuguaagugcc.....................  1        1     c02
    ..........................................................................cGcguaaguuguaagugcc.....................  1        1     c02
    ..........................................................................cucCuaaguuguaagugcc.....................  1        1     c02
    ..........................................................................cucguaaguuguaGgugcca....................  6        1     c02
    ..........................................................................cucCuaaguuguaagugcca....................  2        1     c02
```

Star Mature

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.....cucguaaCuuguaagugcca.....	2	1	c02
.....cucguaaguuguaaCugcca.....	1	1	c02
.....cucguaaguuguaaguCcca.....	1	1	c02
.....cAcguaaguuguaagugcca.....	1	1	c02
.....cucguaGguuguaagugcca.....	3	1	c02
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.....cucguaaguAguaagugcca.....	1	1	c02
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.....cucguaaguuguaagugccC.....	3	1	c02
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.....cucguaaguuguaaUugcca.....	1	1	c02
.....cucguaaguuguaagugcca.....	1038	0	c02
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.....cucguaagAuguaagugcca.....	2	1	c02
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.....cucguaagGuguaagugcca.....	1	1	c02
.....cucguaaguuguaagAgccag.....	1	1	c02
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.....cuAguaaguuguaagugccag.....	13	1	c02
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.....cucguaaguuguaagugAcag.....	8	1	c02
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.....cucgAaaguuguaagugccag.....	3	1	c02
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Star Mature

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.....cucguaaguuguaagugAcagc.....	3	1	c02
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Star Mature

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.....cggcucuuacaaccuacgucgguu.....	2	0	c15
.....cggcucuuacaaccuacgucgguuUu.....	3	1	c15
.....Accucguaaguuguaagugccagcu.....	1	1	c15
.....ccucguaaguuguaagugcca.....	1	0	c15
.....ccucguaaguuguaagugccagc.....	1	0	c15
.....cucguaaguuguaagugc.....	8	0	c15
.....cucguaaguuguaagugU.....	1	1	c15
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.....cucguaaguuguaagGgcca.....	1	1	c15
.....cucguaaguugCaagugcca.....	3	1	c15
.....cucguaaguuguaagugcAa.....	4	1	c15
.....cucguaaguuguaagugcca.....	492	0	c15
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.....cucguaaguuguaagugccU.....	3	1	c15
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.....cucguaaguuguaGgugcca.....	1	1	c15
.....cAcguaaguuguaagugcca.....	1	1	c15
.....cucguaaguuguaagugccag.....	2342	0	c15
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.....Uucguaaguuguaagugccag.....	3	1	c15
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.....cucguaaguuguaagugccaC.....	38	1	c15
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.....cucguaaguugGaagugccagc.....	1	1	c15
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Star Mature

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.....aaguuguaagugccagcuga.....	1	0	c15

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.....cggcucuuacaaccuacguc.....	1	0	c04
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.....cggcucuuacaaccuacgucgg.....	66	0	c04
.....cggcucuuacaCccuacgucgg.....	3	1	c04
.....cggcucuuacaaccuacgucggu.....	3	0	c04
.....ggcucuuacaaccuacgucgg.....	1	0	c04
.....Gcuuacaaccuacgucgg.....	1	1	c04

Star Mature

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.....uuguggaggucucguaaguuguaaguguccagc.....	1	0	c04
.....uccucguaaguuguaaguguccag.....	1	0	c04
.....Ucucguaaguuguaaguguccagc.....	1	1	c04
.....cucguaaguuguaaguUc.....	1	1	c04
.....cucguaaguuguaaguU.....	2	1	c04
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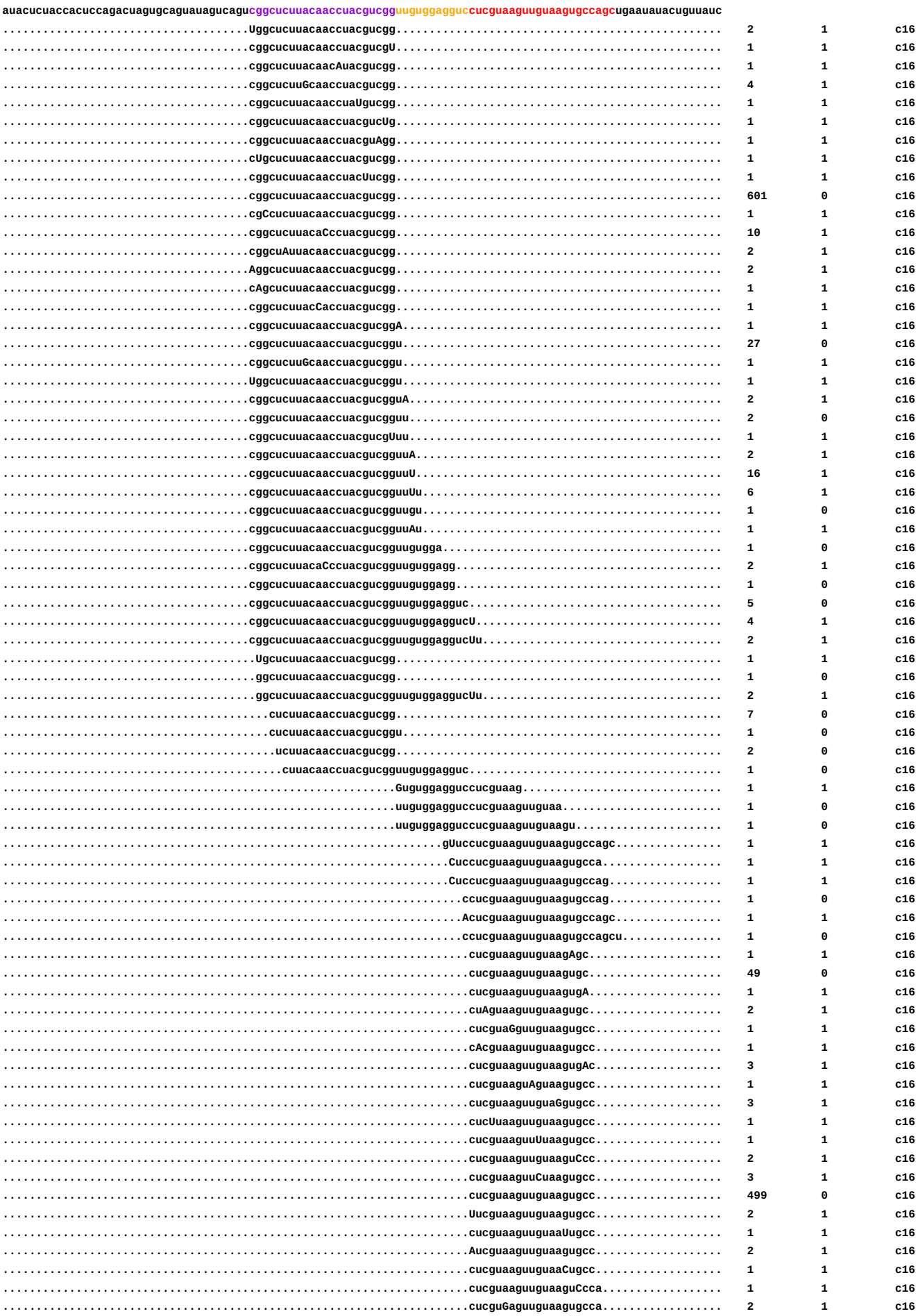
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.....cggcucuuacaaccuacgucgguuU.....	1	1	c09
.....cggcucuuacaaccuacgucgguuA.....	1	1	c09
.....cggcucuuacaaccuacgucgguuguggaggucUu.....	1	1	c09
.....ggcucuuacaaccuacgucgg.....	1	0	c09
.....gcucuuacaaccuacgucggC.....	1	1	c09
.....cucuuacaaccuacgucgg.....	4	0	c09
.....Gcuuacaaccuacgucgg.....	1	1	c09
.....ucuuacaaccuacgucgg.....	1	0	c09
.....uuacaaccuacgucgguuU.....	1	1	c09
.....ccucguaaguuguaagugcca.....	1	0	c09
.....Acucguaaguuguaagugccagc.....	1	1	c09
.....cUucguaaguuguaagugccagc.....	1	1	c09
.....cucguaaguuguaagugc.....	25	0	c09
.....cucguaaguuguaaguCc.....	1	1	c09
.....cucguaGguuguaagugc.....	1	1	c09
.....cucguaaguuguaagugcc.....	120	0	c09
.....cucguaaguuguaGgugcc.....	1	1	c09
.....cucguaGguuguaagugcc.....	2	1	c09
.....cucguaaguuguaagugAc.....	1	1	c09
.....cucgAaaguuguaagugcc.....	1	1	c09
.....cucguaaguuguaagugcUa.....	1	1	c09
.....cucguaaguuguaagugccG.....	1	1	c09
.....Aucguaaguuguaagugcca.....	1	1	c09
.....cucguaaguuguaagugccU.....	3	1	c09
.....cucguaaguuguaCgugcca.....	1	1	c09
.....cucguaaguuguaagugccC.....	1	1	c09
.....cucguaaguuguaaguCcca.....	2	1	c09
.....cucgAaaguuguaagugcca.....	1	1	c09
.....cucguaaguuguaGgugcca.....	3	1	c09
.....cucguaGguuguaagugcca.....	1	1	c09
.....cucguaaguuguaagAgcca.....	1	1	c09
.....cucguaaguugGaagugcca.....	1	1	c09
.....cucguaaguuguaagugcca.....	491	0	c09
.....cucguaaguuCuaagugcca.....	1	1	c09
.....cucguaagAuguaagugccag.....	2	1	c09
.....cucguaaguuguaagugccaU.....	31	1	c09
.....cucguaaguuguaaAugccag.....	1	1	c09
.....cucgCaaguuguaagugccag.....	1	1	c09
.....cucguaaCuuguaagugccag.....	2	1	c09
.....cucguaaguuguaaCugccag.....	3	1	c09
.....cucguaaguuguaagAgccag.....	3	1	c09
.....cucgAaaguuguaagugccag.....	4	1	c09
.....cucguaaguuguaagugcUag.....	5	1	c09
.....cucguaaguAguaagugccag.....	3	1	c09
.....cucguaaguuguaagugcGag.....	2	1	c09
.....cucguaaguuguaGgugccag.....	20	1	c09
.....cucAuaaguuguaagugccag.....	2	1	c09
.....Gucguaaguuguaagugccag.....	2	1	c09
.....cucguaaguuguaaguUccag.....	2	1	c09
.....cucguaaguuguGagugccag.....	1	1	c09
.....cucguaaguuguaagugccGg.....	3	1	c09
.....Aucguaaguuguaagugccag.....	1	1	c09
.....cucguaGguuguaagugccag.....	14	1	c09
.....cucguaaguuguaagugccUg.....	1	1	c09
.....cucguaaguuguaagugccaA.....	5	1	c09
.....cGcguaaguuguaagugccag.....	1	1	c09
.....cucCuaaguuguaagugccag.....	4	1	c09
.....cucguaaguuguaagugAcag.....	7	1	c09
.....cucguaaguuguaagugccaC.....	6	1	c09
.....cCcguaaguuguaagugccag.....	1	1	c09
.....cucguaaguuguaaguCccag.....	4	1	c09
.....cucguaaguuguUagugccag.....	1	1	c09
.....cucguaaguuguaaUugccag.....	3	1	c09
.....cucguaaguuguaagugUcag.....	2	1	c09
.....Uucguaaguuguaagugccag.....	1	1	c09
.....cuAguaaguuguaagugccag.....	1	1	c09

Star Mature

auacucuaccacuccagacuagugcaguauagucagucggcucuuacaaccuacgucgguuguggaggucCUCGUAAGUUGUAAGUGCCAGCugaauauacuguuauc

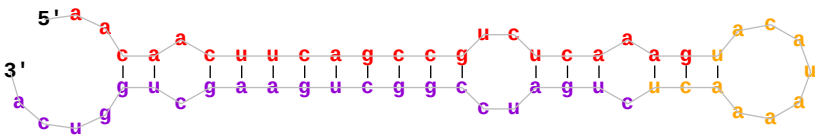
.....cucgGaaguuguaagugccag.....	2	1	c09
.....cucguaaguuguaagugccag.....	2520	0	c09
.....cucguaaguuguaagugcAag.....	3	1	c09
.....cucguaaguuCuaagugccag.....	6	1	c09
.....cucguaaguuguaaguUccagc.....	2	1	c09
.....Gucguaaguuguaagugccagc.....	1	1	c09
.....cucguaaguuguaagugccGgc.....	3	1	c09
.....cucguaaguuguaagugAcagc.....	9	1	c09
.....cucguaaguuguaaUugccagc.....	5	1	c09
.....cucguaaguuguaagugccaUc.....	5	1	c09
.....cucguaaguuguaagCgccagc.....	1	1	c09
.....cucguaaguuguaaCugccagc.....	3	1	c09
.....cucguGaguuguaagugccagc.....	1	1	c09
.....cucguaGguuguaagugccagc.....	13	1	c09
.....cucUuaaguuguaagugccagc.....	2	1	c09
.....cuUguaaguuguaagugccagc.....	1	1	c09
.....cucguaaguuguaagugccagc.....	2562	0	c09
.....Uucguaaguuguaagugccagc.....	1	1	c09
.....cucguaaguuCuaagugccagc.....	4	1	c09
.....cucguaaguuAuaagugccagc.....	1	1	c09
.....cucguaaguuguaagugcAagc.....	4	1	c09
.....cucgGaaguuguaagugccagc.....	1	1	c09
.....cucguaaguAguaagugccagc.....	1	1	c09
.....cucguaaguugAaagugccagc.....	3	1	c09
.....cucguaaguugCaagugccagc.....	1	1	c09
.....cucCuaaguuguaagugccagc.....	2	1	c09
.....cucguaaguuguaagugccagU.....	45	1	c09
.....cucguaaCuuguaagugccagc.....	1	1	c09
.....cucguaaguuguaagugccUgc.....	1	1	c09
.....cucguaaguuguaagugccaCc.....	5	1	c09
.....cucguaagGuguaagugccagc.....	3	1	c09
.....cucguaaguuguaagugccagG.....	9	1	c09
.....cucguaaguuguaGgugccagc.....	21	1	c09
.....cAcguaaguuguaagugccagc.....	2	1	c09
.....cucguaaguuguaagAgccagc.....	1	1	c09
.....cucguaaguuguaaguCccagc.....	2	1	c09
.....cucgAaaguuguaagugccagc.....	1	1	c09
.....cuAguaaguuguaagugccagc.....	7	1	c09
.....cucguaaguuguaagugGcagc.....	1	1	c09
.....cucguaaguuguaagugUcagc.....	1	1	c09
.....cucguaaguuguaagugccagA.....	16	1	c09
.....cucAuaaguuguaagugccagc.....	2	1	c09
.....cucguaaguuguaagugcGagcu.....	1	1	c09
.....cucguaaguuguaagugccagcC.....	12	1	c09
.....cuAguaaguuguaagugccagcu.....	1	1	c09
.....cucguaaguuguaagugccagAu.....	3	1	c09
.....cucguaaguuguaGgugccagcu.....	3	1	c09
.....cucguaaguuguaagugccagcu.....	201	0	c09
.....cucguaaguuguaagugccagUu.....	3	1	c09
.....cCcguaaguuguaagugccagcu.....	1	1	c09
.....cucguaagAuguaagugccagcu.....	1	1	c09
.....cucguaaguuguaagugccagcA.....	53	1	c09
.....cucguaaguuguaagugccagGu.....	1	1	c09
.....cucguaaguuguaagugcUagcu.....	1	1	c09
.....cucguaaguuguaagugccagcG.....	2	1	c09
.....cucguaGguuguaagugccagcu.....	3	1	c09
.....cucguaaguuguaagugccagcuU.....	8	1	c09
.....cucguaaguuguaagugccagcuC.....	1	1	c09
.....cucguaaguuguaagugccagcuA.....	1	1	c09
.....cucguaaguuguaagugccagcGg.....	2	1	c09
.....ucguaaguuguaagugcc.....	1	0	c09
.....ucguaaguuguaagugccag.....	13	0	c09
.....Gcguaaguuguaagugccagc.....	1	1	c09
.....ucguaaguuguaagugccagc.....	7	0	c09
.....ucguaaguuguaagugccagcu.....	1	0	c09
.....cUuaaguuguaagugcca.....	1	1	c09
.....cguaaguuguaagugccag.....	2	0	c09
.....cguaaguuguaagugccagc.....	1	0	c09
.....guaaguuguaagugccag.....	6	0	c09
.....guaaguuguaagugcUagc.....	1	1	c09

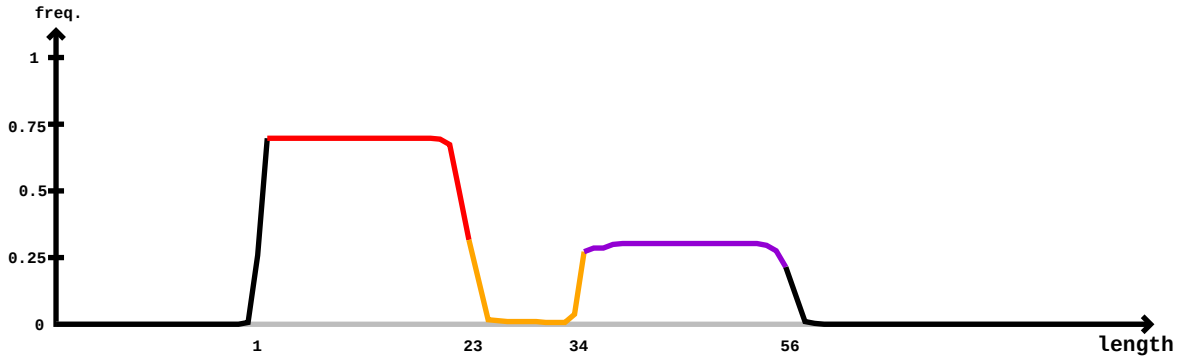
Star Mature

auacucuaccacuccagacuagugcaguauagucagucggcucuuacaaccuacgucgguuguggaggucucguaaguuguaagugccagcugaauauacuguuauc

.....guaaguuguaagugccagU.....	1	1	c09
.....guaGguuguaagugccagc.....	1	1	c09
.....guaaguuguaagugccagc.....	3	0	c09
.....guaaguuguaagugccagcu.....	2	0	c09
.....uaaguuguaagugccagc.....	1	0	c09

Provisional ID	:	group6_11510
Score total	:	146.9
Score for star read(s)	:	3.9
Score for read counts	:	142.4
Score for mfe	:	-0.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	291
Mature read count	:	202
Loop read count	:	0
Star read count	:	89





Mature **Star**

```
5'- auucaggugguuauacuuuaaacaacuucagccgucucaaaguacauaaaacucugauccggcugaagcuggucaaaguuaaacaacaauaucaacgagaaucggaaauagu  -3'   obs
    auucaggugguuauacuuuaaacaacuucagccgucucaaaguacauaaaacucugauccggcugaagcuggucaaaguuaaacaacaauaucaacgagaaucggaaauagu        exp
    ......((.(((..((((((...((.((((((((((..(((.(((.......))).))))..)))))))))).))...))))))..))).))........(((...))).....  reads     mm      sample
    ...................Cacaacuucagccgucucaaag.....................................................................  1         1       c04
    ...................aacaacuucagccgucucaaag.....................................................................  6         0       c04
    ...................aacaacuucagccgucucaaagu....................................................................  1         0       c04
    ..................................................ucugauccggcugaagcuggcuA....................................  1         1       c04
    ..................................................cugauccggcugaagcuggguc.....................................  1         0       c04
    ..................................................cugauccggcugaagcuggguca....................................  1         0       c04
    ..................................................cugauccggcugaagcuggucU.....................................  1         1       c04
    ..................................................cugauccggcugaagcuggucaU....................................  1         1       c04
    ....................................................auccggcugaagcuggucaaa.....................................  1         0       c04

    ..................uGaacaacuucagccgucuca.....................................................................  1         1       c16
    ...................aacaacuucagccgucuca.....................................................................  3         0       c16
    ...................aacaacuucagccgucucaa....................................................................  3         0       c16
    ...................aacaacuucagccgucucaaa...................................................................  1         0       c16
    ...................Cacaacuucagccgucucaaa...................................................................  1         1       c16
    ...................aacaacuucagccgucucaaaA..................................................................  1         1       c16
    ...................aacaacuucagccgucucaaag...................................................................  6         0       c16
    ...................Cacaacuucagccgucucaaag...................................................................  2         1       c16
    ...................aacaacuucagccgucucaaagu..................................................................  1         0       c16
    ...................aacaacuucagccgucucaaaguacauaaaacu.........................................................  1         0       c16
    ..................................................cugauccggcugaagcugg.........................................  1         0       c16
    ..................................................cugauccggcugaagcuggu........................................  2         0       c16
    ..................................................cugauccggcugaagcugguc.......................................  1         0       c16
    ..................................................cugauccggcugaagcuggucU......................................  2         1       c16
    ..................................................cugauccggcugaagcugguca......................................  2         0       c16
    ..................................................cugauccggcugaagcuggucaU.....................................  2         1       c16
    ....................................................auccggcugaagcuggucaaag.....................................  1         0       c16

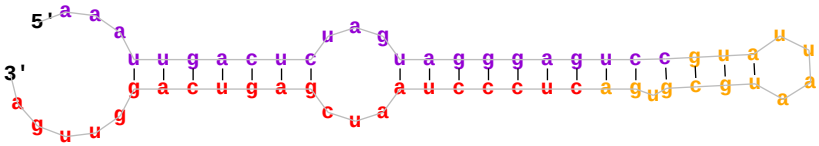
    ...................aacaacuucagccgucucaa....................................................................  2         0       c09
    ...................aacaacuucagccgucucaaa...................................................................  1         0       c09
    ...................Cacaacuucagccgucucaaag...................................................................  1         1       c09
    ...................aacaacuucagccgucucaaag...................................................................  2         0       c09
    ..................................................ucugauccggcugaagcugguc.....................................  1         0       c09
```

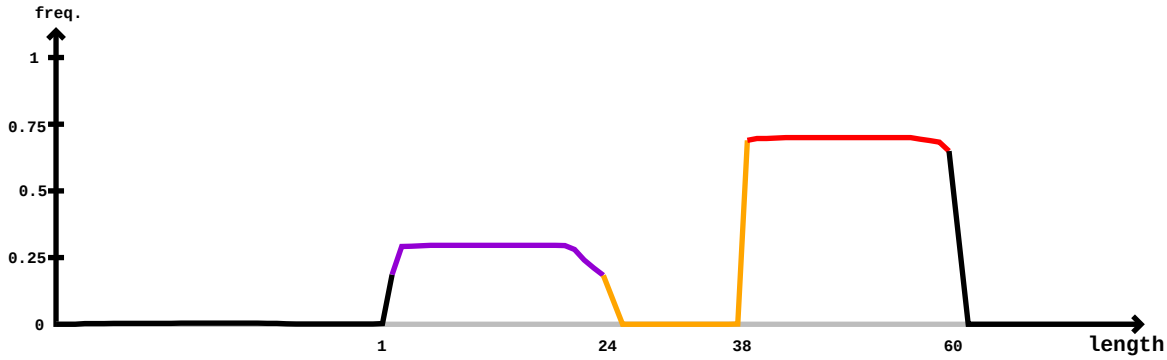
Mature Star

auucaggugguuauacuuuaaacaacuucagccgucucaaaguacauaaaacucugauccggcugaagcuggucaaaguuaaacaacaauaucaacgagaaucggaaauagu

.....cugauccggcugaagcugg.....	1	0	c09
.....cugauccggcugaagcugguc.....	5	0	c09
.....cugauccggcugaagcugguca.....	2	0	c09
.....cugauccggcugaagcuggucU.....	5	1	c09
.....cugauccggcugaagcuggucaa.....	1	0	c09
.....cugauccggcugaagcuggucaU.....	2	1	c09
.....auccggcugaagcuggucU.....	1	1	c09
.....uaaacaacuucagccgucucaa.....	1	0	c15
.....aaacaacuucagccgucucaa.....	33	0	c15
.....aaacaacuucagccgucucaaa.....	33	0	c15
.....aaacaacuucagccgucucaaU.....	1	1	c15
.....aaacaacuucagccgucucaaaC.....	1	1	c15
.....aaacaacuucagccgucucaaaU.....	4	1	c15
.....aaacaacuucagccgucucaaag.....	1	0	c15
.....aacaacuucagccgucuc.....	1	0	c15
.....aacaacuucagccgucucaa.....	6	0	c15
.....aaGaacuucagccgucucaaa.....	1	1	c15
.....aacaacuucagccgucucaaa.....	13	0	c15
.....aacaacuucagccgucucaaag.....	54	0	c15
.....aaUaacuucagccgucucaaag.....	1	1	c15
.....aacaacuucagccgucucaaaU.....	1	1	c15
.....aacaacuucagccgucucaaaC.....	1	1	c15
.....aacaacuucagccgucucaaagu.....	1	0	c15
.....aacaacuucagccgucucaaagA.....	2	1	c15
.....aacaacuucagccgucucaaagAa.....	1	1	c15
.....aacaacuucagccgucucaaaguaA.....	1	1	c15
.....aacaacuucagccgucucaaaguacauaa.....	1	0	c15
.....aacaacuucagccgucucaaaguacauaaaac.....	1	0	c15
.....ucugauccggcugaagcugguc.....	2	0	c15
.....ucugauccggcugaagcugguca.....	2	0	c15
.....ucugauccggcugaagcuggucU.....	3	1	c15
.....ucugauccggcugaagcuggucaU.....	1	1	c15
.....cugauccggcugaagcuggu.....	3	0	c15
.....cugauccggcugaagcugguc.....	6	0	c15
.....cugauccggcugaagcugguca.....	13	0	c15
.....cugauccggcugaagcuggucU.....	3	1	c15
.....cugauccggcugaagcugguUa.....	1	1	c15
.....cugauccggcugaagcuggucaa.....	1	0	c15
.....cugauccggcugaagcuggucaU.....	11	1	c15
.....cugauccggcugaagcuggucaC.....	1	1	c15
.....ugauccggcugaagcugguc.....	1	0	c15
.....ugauccggcugaagcuggucaa.....	2	0	c15
.....ugauccggcugaagcuggucaaa.....	1	0	c15
.....auccggcugaagcuggucU.....	1	1	c15
.....uccggcugaagcuggucu.....	1	0	c15
.....Gaacaacuucagccgucuca.....	1	1	c02
.....aacaacuucagccgucuca.....	1	0	c02
.....Cacaacuucagccgucucaa.....	1	1	c02
.....aacaacuucagccgucucaa.....	5	0	c02
.....aacaacuucagccgucucCa.....	1	1	c02
.....aacaacuucagccgucucaaa.....	2	0	c02
.....aacaacuucagccgucucaaag.....	1	0	c02
.....cugauccggcugaagcuggu.....	1	0	c02

Provisional ID	:	group6_11601
Score total	:	596.4
Score for star read(s)	:	3.9
Score for read counts	:	585.9
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1161
Mature read count	:	816
Loop read count	:	0
Star read count	:	345





Star **Mature**

```
5'- gaaaagaaaaagaagaaggagcucuuggauguuaaauugacucuaguagggagucccguauuaaugcgugacucccuaaucgagucagguugacuuccuuguagcuaaaacg -3'   obs
    gaaaagaaaaagaagaaggagcucuuggauguuaaauugacucuaguagggagucccguauuaaugcgugacucccuaaucgagucagguugacuuccuuguagcuaaaacg      exp
    ..................(((((..(((.(((((.(((((((...(((((((((((((....)))))..)))))))))...)))))))..)))))..)))..).))))..... reads     mm        sample
    ................................aaauugacucuaguaggUa.................................................................. 1         1         c02
    ................................aaauugacucuaguaggga.................................................................. 5         0         c02
    ................................aaauugacucuaguagggag................................................................. 11        0         c02
    ................................aaauugacucuaguagggaA................................................................. 1         1         c02
    ................................aaauugacucuaguagggagu................................................................ 9         0         c02
    ................................aaauugacucuaguagggaguc............................................................... 3         0         c02
    ................................aaauugacucuaguagggaguU............................................................... 1         1         c02
    ................................aaauugacucuaguagggaguA............................................................... 1         1         c02
    ................................aaauugacucuaguagggagucU.............................................................. 42        1         c02
    .................................aauugacucuaguagggag................................................................. 1         0         c02
    .................................aauugacucuaguagggagucU.............................................................. 6         1         c02
    ....................................................................cucccuaaucgagucaggu.............................. 1         0         c02
    ....................................................................cucccuaaucgagucagguug............................ 4         0         c02
    ....................................................................cucccuaaucgaCucagguuga........................... 1         1         c02
    ....................................................................cucccuaaucgagucagguugU........................... 4         1         c02
    ....................................................................cucccuaaucgagucagguuga........................... 29        0         c02
    ....................................................................Aucccuaaucgagucagguuga........................... 2         1         c02
    ....................................................................cucccuaaucgagucagguugaU.......................... 1         1         c02
    ....................................................................cucccuaaucgagucagguugaA.......................... 3         1         c02
    ....................................................................ucccuaaucgagucagguuga............................ 1         0         c02
    ....................................................................ucccuaaucgagucagguugaA........................... 1         1         c02
    ......................................................................ccuaaucgagucagguuga............................ 1         0         c02
    ......................................................................cuaaucgagucagguuga............................. 1         0         c02

    .aaaagaaGaagaagaagga.................................................................................................. 1         1         c15
    .aaaagaaGaagaagaaggagc................................................................................................ 1         1         c15
    ................................aaauugacucuaguagggag................................................................. 1         0         c15
    .................................aauugacucuaguagggagucU.............................................................. 1         1         c15
    ....................................................................cucccuaaucgagucagguuga............................ 1         0         c15

    ................................aaauugacucuaguagggag................................................................. 1         0         c04
    ................................aaauugacucuaguagggagu................................................................ 1         0         c04
    ................................aaauugacucuaguagggagucU.............................................................. 1         1         c04
```

Star Mature

gaaaagaaaaagaagaaggagcucuuggauguuaaauugacucuaguagggagucccguauuaaugcgugacucccuaaucgagucaggguugacuuccuuguagcuaaaacg

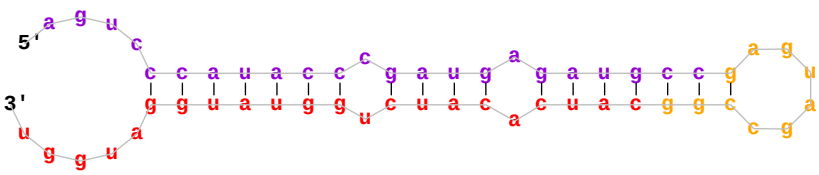
.....aauugacucuaguagggagu.....	1	0	c04
.....aauugacucuaguagggagucU.....	3	1	c04
.....cucccuaaucgagucagguug.....	3	0	c04
.....cucccuaaucgagucagguuU.....	1	1	c04
.....cucccuaaucgagucagguugU.....	2	1	c04
.....cucccuaaucgagucaCguuga.....	1	1	c04
.....cucccuaaucgagucagguuga.....	21	0	c04
.....cucccuaaucgagucagguugaA.....	1	1	c04
.....ucccuaaucgagucagguuga.....	2	0	c04
.aaaagaaaaagaagaaggaAcu.....	1	1	c16
..........gaagaaggagcucuuggauguu.....	1	0	c16
.....uaaauugacucuaguagggagu.....	1	0	c16
.....uaaauugacucuaguagggaguc.....	1	0	c16
.....aaauugacucuaguaggU.....	1	1	c16
.....aaauugacucuaguaggga.....	8	0	c16
.....aaauugacucuaguagggaA.....	1	1	c16
.....aaauugacucuaguagggag.....	4	0	c16
.....Caauugacucuaguagggagu.....	1	1	c16
.....aaauugaUucuaguagggagu.....	1	1	c16
.....aaauugacucuaguagggagu.....	4	0	c16
.....aaauugacucuaguagggaguc.....	8	0	c16
.....Caauugacucuaguagggaguc.....	1	1	c16
.....aaauugacucuaguagggagucU.....	14	1	c16
.....aaauugacucuaguagggagucc.....	1	0	c16
.....aauugacucuaguaggga.....	1	0	c16
.....aauugacucuaguagggag.....	9	0	c16
.....aauugacucuaguagggaU.....	3	1	c16
.....aauugacucuagAagggag.....	1	1	c16
.....Cauugacucuaguagggagu.....	1	1	c16
.....aauugacucuaguagggagu.....	5	0	c16
.....aauugacucuaguagggaguU.....	1	1	c16
.....Cauugacucuaguagggaguc.....	1	1	c16
.....aauugacucuaguagggaguc.....	7	0	c16
.....aauugCcucuaguagggaguc.....	1	1	c16
.....aauugacucuaguagggagucU.....	74	1	c16
.....auugacucuaguagggagu.....	1	0	c16
.....acucccuaaucgagucagguugU.....	1	1	c16
.....cucccuaaucgagucagg.....	5	0	c16
.....cucccuaaucgagucaggu.....	3	0	c16
.....cucccuaaucgagucagguu.....	7	0	c16
.....cucccuaaucgagucagguug.....	31	0	c16
.....cucAcuaaucgagucagguuga.....	4	1	c16
.....cucccuaaucgagCcagguuga.....	1	1	c16
.....cucccuaaucgagGcagguuga.....	1	1	c16
.....cucccuaaucgagucaguUuuga.....	1	1	c16
.....cucccuaaucgagucagguugU.....	59	1	c16
.....cAcccuaaucgagucagguuga.....	1	1	c16
.....cuAccuaaucgagucagguuga.....	2	1	c16
.....cucccuaaucgagucaCguuga.....	1	1	c16
.....cucccuaaucgaguAagguuga.....	1	1	c16
.....cucccuaaGcgagucagguuga.....	1	1	c16
.....cucccuaauAgagucagguuga.....	1	1	c16
.....cucccuaaucgagucagguuga.....	524	0	c16
.....cucccuaaucgagucagguugaU.....	9	1	c16
.....cucccuaaucgagucagguugaG.....	1	1	c16
.....cucccuaaucgagucagguugaA.....	16	1	c16
.....Gcccuaaucgagucagguuga.....	1	1	c16
.....ucccuaaucgagucagguuga.....	3	0	c16
.....ccuaaucgagucagguuga.....	1	0	c16
.....cuaaucgagucagguuga.....	1	0	c16
....agaaGaagaagaaggagc.....	1	1	c09
.....aaauugacucuaguaggga.....	2	0	c09
.....aaauugacucuaCuagggag.....	1	1	c09
.....aaauugacucuaguagggag.....	12	0	c09
.....aaauugacucuaguagggagu.....	9	0	c09
.....Caauugacucuaguagggagu.....	1	1	c09
.....aaauugacucuaguagggaguA.....	1	1	c09
.....Caauugacucuaguagggaguc.....	1	1	c09

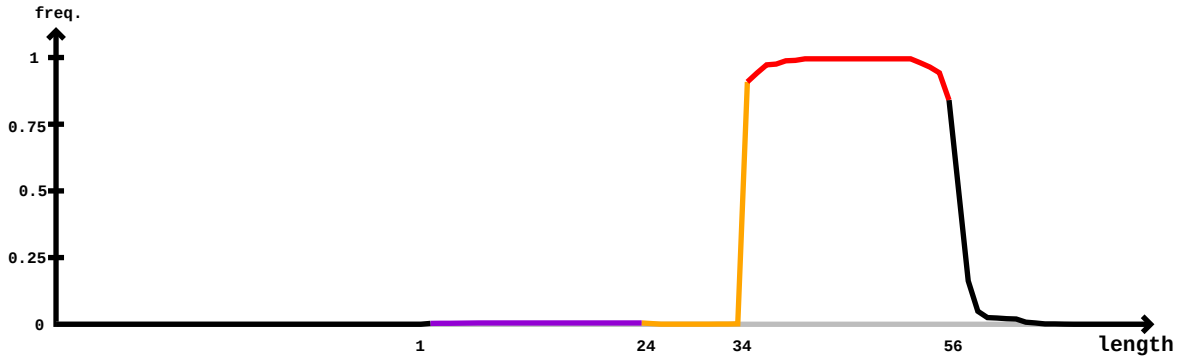
Star Mature

gaaaagaaaaagaagaaggagcucuuggauguuaaauugacucuaguagggagucc guauuaaugcguga cucccuaaucgagucagguuga cuuccuuguagcuaaaacg

....aaauugacucuaguagggaguc....	4	0	c09
....aaauugacucuaguagggagucU....	59	1	c09
....aaauugacucuaguagggagucc....	1	0	c09
....aaauugacucuaguagggagucUg....	2	1	c09
....aauugacucuaguagggagucU....	7	1	c09
....uugacucuaguagggaguc....	1	0	c09
....uugacucuaguagggagucU....	1	1	c09
....ugacucuaguagggagucU....	2	1	c09
....cucccuaaucgagucagg....	2	0	c09
....cucccuaaucgagucaggu....	2	0	c09
....cucccuaaucgaguUagguuga....	2	1	c09
....cucccuaaucgagucagguuga....	50	0	c09
....cucccuaaucgagucagguAga....	1	1	c09
....cucccuaaucgagucagguugaA....	2	1	c09

Provisional ID	:	group6_11702
Score total	:	1221.6
Score for star read(s)	:	3.9
Score for read counts	:	1211
Score for mfe	:	2.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2387
Mature read count	:	2375
Loop read count	:	0
Star read count	:	12





Star **Mature**

```
5'- gcucgcuacggaccggcugcagcggccgccgggcgucagucccauacccgaugagaugccgaguagccggcaucacaucugguauggauggguaagaacugaacuaaacugcu  -3'   obs
    gcucgcuacggaccggcugcagcggccgccgggcgucagucccauacccgaugagaugccgaguagccggcaucacaucugguauggauggguaagaacugaacuaaacugcu        exp
    ...((((.(((..((((((...))))))))))))))(((((((((((((.((((.(((((((.....)))))))).)))).)))))))).......).)))))..........  reads    mm    sample
    ..................................agucccauacccgaugagaugc.....................................................  1        0     c15
    ..................................agucccauacccgaugagaugcc....................................................  5        0     c15
    ..................................aguccGauacccgaugagaugcc....................................................  1        1     c15
    ...................................gucccauacccgaugagaugcc.....................................................  1        0     c15
    ....................................cccauacccgaugagaugcc......................................................  1        0     c15
    ..........................................................cgaguagccggcaucacaucugguaugga.....................  1        0     c15
    ..........................................................caucacaucugguaugga.....................  1        0     c15
    ..........................................................caucacaucugguauggaugU..................  1        1     c15
    ..........................................................caucacaucugguauggaugA..................  2        1     c15
    ..........................................................caucacaucugguauggaugg..................  21       0     c15
    ..........................................................caucacaucAgguauggauggu..................  1        1     c15
    ..........................................................caucacaucugguauggauggu..................  164      0     c15
    ..........................................................caucacaucugguauggauggA..................  1        1     c15
    ..........................................................caucacaucugguauggauggC..................  3        1     c15
    ..........................................................caucacaucugguauggaugUu..................  1        1     c15
    ..........................................................caucacaAcugguauggauggua..................  1        1     c15
    ..........................................................caucacaucugguauggauggGa..................  1        1     c15
    ..........................................................caucacaucugguauggauggua..................  23       0     c15
    ..........................................................caucacaucugguauggaugguU..................  20       1     c15
    ..........................................................caucacaucugguauggauUgua..................  1        1     c15
    ..........................................................caucacaucugguauggauggAa..................  2        1     c15
    ..........................................................caucacaucugguauggaugguaU..................  24       1     c15
    ..........................................................caucacaucugguauggaugguUa..................  2        1     c15
    ..........................................................caucacaucugguauggaugguaa..................  66       0     c15
    ..........................................................caucacaucugguauggaugguaaU..................  1        1     c15
    ..........................................................caucacaucugguauggaugguaag..................  10       0     c15
    ..........................................................caucacaucugguauggaugguaaC..................  2        1     c15
    ..........................................................caucacaucugguauggaugguaaA..................  8        1     c15
    ..........................................................caucacaucugguauggaugguaaga..................  2        0     c15
    ..........................................................caucacaucugguauggaugguaagaa..................  1        0     c15
    ..........................................................aucacaucugguauggaugg.....................  1        0     c15
    ..........................................................aucacaucugguauggauggu.....................  2        0     c15
    ..........................................................aucacaucugguauggauggua.....................  4        0     c15
```

Star Mature

gcucgcuacggaccggcugcagcggccgccgggcgucagucccauacccgaugagaugccgaguagccggcaucacaucugguauggauggguaagaacugaacuaaacugcu

.....aucacaucugguauggaugguaa.....	4	0	c15
.....aucacaucugguauggaugguaU.....	1	1	c15
.....Uucacaucugguauggaugguaa.....	1	1	c15
.....aucacaucugguauggaugguaag.....	7	0	c15
.....aucacaucugguauggaugguaaga.....	1	0	c15
.....ucacaucugguauggaugguaa.....	1	0	c15
.....ucacaucugguauggaugguaagaa.....	2	0	c15
.....ucacaucugguauggaugUuaagaac.....	1	1	c15
.....ucacaucugguauggaugguaagaacu.....	1	0	c15
.....ucacaucugguauggaugguaagaacuga.....	3	0	c15
.....cacaucugguauggaugguaagaacuga.....	1	0	c15
.....aucugguauggauggCaa.....	1	1	c15
.....gcaucacaucugguauggauggu.....	1	0	c02
.....caucacaucugguaugga.....	11	0	c02
.....caucacaucugguauggau.....	4	0	c02
.....caucacaucugguauggaug.....	5	0	c02
.....caucacaucugguauggauC.....	1	1	c02
.....caucacaucugguauggauU.....	1	1	c02
.....cauUacaucugguauggaugg.....	1	1	c02
.....caucacaucugguauggaugg.....	39	0	c02
.....caucacaCcugguauggauggu.....	1	1	c02
.....caucacaucugCuauggauggu.....	1	1	c02
.....caucacaucugguauggauggu.....	270	0	c02
.....cauAacaucugguauggauggu.....	1	1	c02
.....Uaucacaucugguauggauggu.....	1	1	c02
.....caucCcaucugguauggauggu.....	1	1	c02
.....caucacaucuCguauggauggu.....	1	1	c02
.....caucCcaucugguauggauggua.....	1	1	c02
.....caucacaucugguauggaugguC.....	2	1	c02
.....caucacaucugguauggaugguU.....	28	1	c02
.....caucacaucugguaGggauggua.....	1	1	c02
.....caucacaucugguaugCauggua.....	1	1	c02
.....caucacaucuCguauggauggua.....	1	1	c02
.....caucacaucugguauggauggua.....	67	0	c02
.....caucacaucugguauggauggAa.....	1	1	c02
.....caucacaucugguauggaugguaU.....	9	1	c02
.....caucacaucugguauggaugguUa.....	2	1	c02
.....caucacaucugguauggaugguaa.....	24	0	c02
.....cauAacaucugguauggaugguaa.....	1	1	c02
.....caucacaucugguauggaugguaaA.....	1	1	c02
.....Cucacaucugguauggauggu.....	1	1	c02
.....aucacaucugguauggauggu.....	2	0	c02
.....aucacaucugguauggaugguU.....	1	1	c02
.....aucacaucugguauggauggua.....	4	0	c02
.....aucacaucugguauggaugguaU.....	1	1	c02
.....aucacaucugguauggaugguaa.....	3	0	c02
.....aucacaucugguauggaugguaag.....	1	0	c02
.....aucacaucugguauggaugguaaU.....	1	1	c02
.....aucacaucugguauggaugguaaA.....	1	1	c02
.....ucacaucugguauggaugg.....	1	0	c02
.....ucacaucugguauggauggua.....	1	0	c02
.....ucacaucugguauggaugguaU.....	1	1	c02
.....ucacaucugguauggaugguaa.....	5	0	c02
.....ucacaucugguauggaugguaag.....	2	0	c02
.....ucacaucugguauggaugguaagaacu.....	10	0	c02
.....Gcacaucugguauggaugguaagaacu.....	2	1	c02
.....ucacaucugguauggaugguaagaacuU.....	1	1	c02
.....acaucugguauggauggu.....	4	0	c02
.....aucugguauggaugguaa.....	2	0	c02
.....aucugguauggaugguaag.....	1	0	c02
.....agucccauacccgaugagaugcc.....	1	0	c09
.....ccauacccgaugagaugcc.....	1	0	c09
.....cggcaucacaucugguauggau.....	1	0	c09
.....caucacaucugguaugga.....	11	0	c09
.....caucacaucugguauggau.....	16	0	c09
.....caucacaucugguauggaug.....	17	0	c09
.....cauAacaucugguauggaug.....	1	1	c09
.....caucaUaucugguauggaugg.....	2	1	c09

Star Mature

gcucgcuacggaccggcugcagcggccgccgggcgucagucccauacccgaugagaugccgaguagccggcaucacaucugguauggauggguaagaacugaacuaaacugcu

.....caucacaucuCguauggaugg.....	1	1	c09
.....cCucacaucugguauggaugg.....	1	1	c09
.....caucacaucugguauggaugg.....	61	0	c09
.....caucacaucugguauggaCggu.....	1	1	c09
.....caucacaucuggCauggauggu.....	1	1	c09
.....caCcacaucugguauggauggu.....	1	1	c09
.....cauAacaucugguauggauggu.....	2	1	c09
.....caucCcaucugguauggauggu.....	1	1	c09
.....caucacCucugguauggauggu.....	1	1	c09
.....caucacaucugguauggauggu.....	224	0	c09
.....caucacaucugguauggauggA.....	3	1	c09
.....caucacaucugguaugCauggu.....	2	1	c09
.....caucacaucugguauggauggC.....	1	1	c09
.....caucacaucuCguauggauggu.....	1	1	c09
.....caucacaAcugguauggauggu.....	1	1	c09
.....caucacaucugguauCgauggu.....	1	1	c09
.....caucacaucugguauggaugguC.....	1	1	c09
.....caucacaucugguauggauggua.....	34	0	c09
.....caucacaucugguauggaugguU.....	28	1	c09
.....caucacaucugguauggaugguUa.....	1	1	c09
.....caucacaucugguauggaugguaU.....	7	1	c09
.....caucacaucugguauggaugguaC.....	2	1	c09
.....caucacaucugguauggaugguaa.....	17	0	c09
.....caucacaucugguauggaugguaag.....	2	0	c09
.....caucacaucugguauggaugguaaA.....	1	1	c09
.....caucacaucugguauggaugguaagaacuU.....	1	1	c09
.....aucacaucugguauggau.....	1	0	c09
.....aucacaucugguauggaug.....	1	0	c09
.....aucacaucugguauggaugg.....	2	0	c09
.....auUacaucugguauggauggu.....	1	1	c09
.....aucacaucugguauggauggu.....	5	0	c09
.....aucacaucugguauggaugguU.....	1	1	c09
.....aucacaucugguauggauggua.....	8	0	c09
.....aucacaucugguauggaugguC.....	1	1	c09
.....aucacaucugguauggaugguaa.....	3	0	c09
.....aucacaucugguauggaugguaag.....	1	0	c09
.....ucacaucugguauggauggu.....	1	0	c09
.....ucacaucugguauggauggua.....	5	0	c09
.....ucacaucugguauggaugguaa.....	4	0	c09
.....ucacaucugguauggaugguaU.....	1	1	c09
.....ucacaucugguauggaugguaag.....	3	0	c09
.....ucacaucugguauggaugguaagaa.....	1	0	c09
.....ucacaucugguauggaugguaagaacu.....	3	0	c09
.....cacaucugguauggauggu.....	2	0	c09
.....caAaucugguauggauggua.....	1	1	c09
.....cacaucugguauggauggua.....	1	0	c09
.....cacaucugguauggaugguaa.....	1	0	c09
.....CcaucugguauggauggU.....	1	1	c09
.....acaucugguauggauggu.....	10	0	c09
.....acaucugguauggauggua.....	1	0	c09
.....acaucugguauggaugguU.....	2	1	c09
.....acaucugguauggaugguaU.....	3	1	c09
.....caucugguauggauggua.....	1	0	c09
.....caucugguauggaugguaU.....	1	1	c09
.....caucugguauggaugguaa.....	2	0	c09
.....aucugguauggaugguaU.....	3	1	c09
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.....aucugguauggaugguaaA.....	2	1	c09
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.....caucacaucugguaugga.....	2	0	c04
.....caucacaucugguauggau.....	4	0	c04
.....caucacaucugguauggaug.....	4	0	c04
.....caucacaucugguauggaugg.....	15	0	c04
.....caucacaucugguauggauggu.....	42	0	c04
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.....caucacaucugguauggauggua.....	8	0	c04
.....caucacaucugguauggaugguU.....	5	1	c04
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Star Mature

gcucgcuacggaccggcugcagcggccgccgggcgucagucccauacccgaugagaugccgaguagccggcaucacaucugguauggauggguaagaacugaacuaaacugcu

.....caucacaucugguaugUaugguaa.....	1	1	c04
.....caucacaucugguauggaugguaa.....	3	0	c04
.....caucacaucugguauggaugguaU.....	1	1	c04
.....caucacaucugguauggaugguaaA.....	1	1	c04
.....aucacaucugguauggaugguU.....	1	1	c04
.....aucacaucugguauggauggua.....	1	0	c04
.....ucacaucugguauggaugguaagaa.....	1	0	c04
.....acaucugguauggaugguaa.....	1	0	c04
.....gcaucacaucugguauggau.....	1	0	c16
.....caucacaucugguaugga.....	10	0	c16
.....caucacaucugguauggaC.....	1	1	c16
.....caucacaucugguauggau.....	11	0	c16
.....caucacaucugguauggauU.....	1	1	c16
.....caucacaucugguauggaug.....	21	0	c16
.....caucacaucugguaugCaug.....	1	1	c16
.....caucacaucugguauggauCg.....	1	1	c16
.....caucCcaucugguauggaugg.....	1	1	c16
.....caucacaucugguaugCaugg.....	1	1	c16
.....Aaucacaucugguauggaugg.....	1	1	c16
.....caucacaucugguauCgaugg.....	2	1	c16
.....caucGcaucugguauggaugg.....	1	1	c16
.....caucacaucugguauggaugg.....	94	0	c16
.....caucacaucugguauCgauggu.....	1	1	c16
.....caucacaucugguauggauggA.....	2	1	c16
.....cCucacaucugguauggauggu.....	1	1	c16
.....caucacaucugguauggauggu.....	466	0	c16
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.....caucaAaucugguauggauggu.....	1	1	c16
.....cauAacaucugguauggauggu.....	4	1	c16
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.....caucacaucugguauggaugguC.....	6	1	c16
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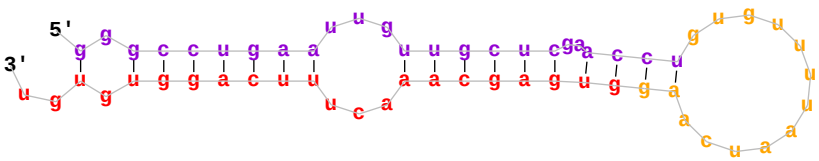
.....caucacaucugAuauggauggua.....	1	1	c16
.....caucacaucugguauggauggua.....	88	0	c16
.....caucaAaucugguauggauggua.....	1	1	c16
.....caucacaucugguauggaugguaU.....	24	1	c16
.....caucacaucugguauggaugguaC.....	1	1	c16
.....caucacaucugguauggaugguaG.....	1	1	c16
.....caucacaucugguauggaugguaa.....	37	0	c16
.....caucacaucugguauggaugguUa.....	7	1	c16
.....caucacaucugguauggaugguaaA.....	6	1	c16
.....caucacaucugguauggaugguaag.....	3	0	c16
.....caucacaucugguauggaugguaagU.....	1	1	c16
.....caucacaucugguauggaugguaagaac.....	1	0	c16
.....caucacaucuCguauggaugguaagaacug.....	1	1	c16
.....caucacaucugguauggaugguaagaacug.....	1	0	c16
.....cauUacaucugguauggaugguaagaacuga.....	1	1	c16
.....aucacaucugguauggaugg.....	1	0	c16
.....aucacaucugguauggauggu.....	3	0	c16
.....Cucacaucugguauggauggu.....	2	1	c16
.....aucacaucugguauggauggua.....	5	0	c16
.....aucacaucugguauggaugguaU.....	1	1	c16
.....aucacaucugguauggaugguaa.....	2	0	c16
.....aucacaucugguauggaugguaag.....	1	0	c16
.....aucacaucugguauggaugguaagaac.....	1	0	c16
.....aucacaucugguauggaugguaagaacuga.....	3	0	c16
.....ucacaucugguauggauggua.....	1	0	c16
.....Gcacaucugguauggaugguaa.....	1	1	c16
.....ucacaucugguauggaugguaag.....	2	0	c16
.....ucacaucugguauggaugguaagaa.....	1	0	c16
.....ucacaucugguauggaugguaagaacu.....	13	0	c16

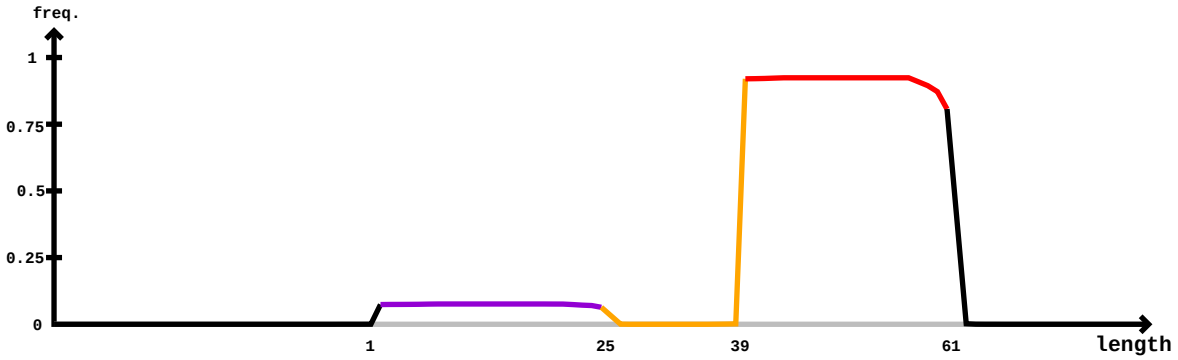
Star Mature

gcucgcuacggaccggcugcagcggccgccgggcgucaguccc auacccgaugagaugccgaguagccggcaucacaucugguauggauggu aagaacugaacuaaacugcu

.....ucacaucugguauggaugguaagaacug.....	3	0	c16
.....ucacaucugguauggaugguaagaacuga.....	1	0	c16
.....Gcacaucugguauggaugguaagaacugaac.....	1	1	c16
.....ucacaucugguauggaugguaagaacugaaU.....	1	1	c16
.....ucaAaucugguauggaugguaagaacugaacu.....	1	1	c16
.....cacaucugguauggaugguU.....	1	1	c16
.....acaucugguauggauggu.....	3	0	c16
.....Ccaucugguauggauggu.....	1	1	c16
.....aUaucugguauggauggu.....	1	1	c16
.....acaucugguauggaugguU.....	2	1	c16
.....acaucugguauggaugguaa.....	1	0	c16
.....aucugguauggaugguaa.....	1	0	c16
.....aucugguauggaugguaU.....	1	1	c16
.....aucugguauggaugguaag.....	1	0	c16

Provisional ID	:	group6_11706
Score total	:	9330
Score for star read(s)	:	3.9
Score for read counts	:	9319.7
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	18292
Mature read count	:	16902
Loop read count	:	0
Star read count	:	1390





Star **Mature**

```
5'- gagaagauaagaagagaguacgguacacugaugggccugaauuguugcucgaaccuguguuuuaaucaaggugagcaaacuuucaggugugguagugccgacuuuucuacga  -3'   obs
    gagaagauaagaagagaguacgguacacugaugggccugaauuguugcucgaaccuguguuuuaaucaaggugagcaaacuuucaggugugguagugccgacuuuucuacga        exp
    .............((((((.(((..(((((((((.(((((((...((((((..((((.............)))))))))...)))))))..)))))))))))))))).....  reads    mm       sample
    ...............................gggccugaauuguugcucgaacc.....................................................................  2        0        c04
    ...............................gggccugaauuguugcucgaaccu....................................................................  13       0        c04
    ....................................ugaauuguugcucgaaccu....................................................................  1        0        c04
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    ..............................................................gugaCcaaacuuucaggugugu........................  1        1        c04
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    ..............................................................Cugagcaaacuuucaggugugu........................  5        1        c04
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    ..............................................................gugagcaaacuuucaggAgugu........................  1        1        c04
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    ..............................................................gugagcaaacuuucaggugugG........................  1        1        c04
    ..............................................................gugagcaaacuuucagguguguu.......................  1        0        c04
    ..........................................................agcaaacuuucaggugugu...........................  1        0        c04

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    ...............................gggccugaauuguugcucgaGcc.................................................................  1        1        c16
    ...............................gggccugaauuguugcucgaaccu................................................................  257      0        c16
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Star	Mature			
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Star Mature

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Star Mature

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Star Mature

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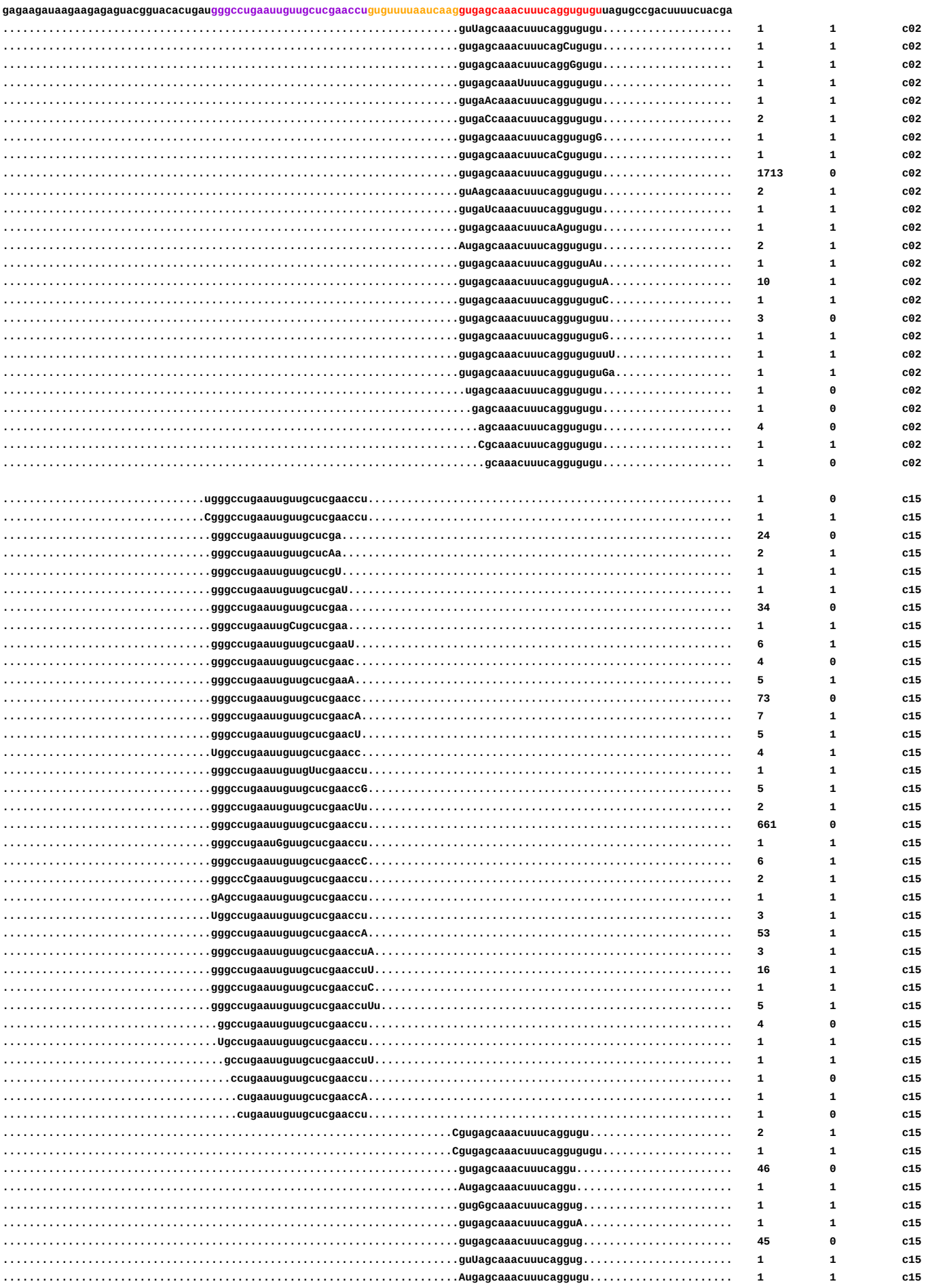
Star
Mature
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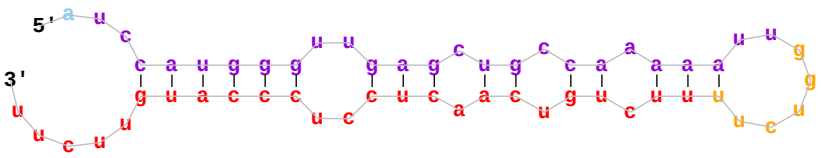
.....gggccugaauuguugcucga..... 24 0 c15
.....gggccugaauuguugcucAa..... 2 1 c15
.....gggccugaauuguugcucgU..... 1 1 c15
.....gggccugaauuguugcucgaU..... 1 1 c15
.....gggccugaauuguugcucgaa..... 34 0 c15
.....gggccugaauugCugcucgaa..... 1 1 c15
.....gggccugaauuguugcucgaaU..... 6 1 c15
.....gggccugaauuguugcucgaac..... 4 0 c15
.....gggccugaauuguugcucgaaA..... 5 1 c15
.....gggccugaauuguugcucgaacc..... 73 0 c15
.....gggccugaauuguugcucgaacA..... 7 1 c15
.....gggccugaauuguugcucgaacU..... 5 1 c15
.....Uggccugaauuguugcucgaacc..... 4 1 c15
.....gggccugaauuguugUucgaaccu..... 1 1 c15
.....gggccugaauuguugcucgaaccG..... 5 1 c15
.....gggccugaauuguugcucgaacUu..... 2 1 c15
.....gggccugaauuguugcucgaaccu..... 661 0 c15
.....gggccugaauGguugcucgaaccu..... 1 1 c15
.....gggccugaauuguugcucgaaccC..... 6 1 c15
.....gggccCgaauuguugcucgaaccu..... 2 1 c15
.....gAgccugaauuguugcucgaaccu..... 1 1 c15
.....Uggccugaauuguugcucgaaccu..... 3 1 c15
.....gggccugaauuguugcucgaaccA..... 53 1 c15
.....gggccugaauuguugcucgaaccuA..... 3 1 c15
.....gggccugaauuguugcucgaaccuU..... 16 1 c15
.....gggccugaauuguugcucgaaccuC..... 1 1 c15
.....gggccugaauuguugcucgaaccuUu..... 5 1 c15
.....ggccugaauuguugcucgaaccu..... 4 0 c15
.....Ugccugaauuguugcucgaaccu..... 1 1 c15
.....gccugaauuguugcucgaaccuU..... 1 1 c15
.....ccugaauuguugcucgaaccu..... 1 0 c15
.....cugaauuguugcucgaaccA..... 1 1 c15
.....cugaauuguugcucgaaccu..... 1 0 c15
.....Cgugagcaaacuuucaggugu..... 2 1 c15
.....Cgugagcaaacuuucaggugugu..... 1 1 c15
.....gugagcaaacuuucaggu..... 46 0 c15
.....Augagcaaacuuucaggu..... 1 1 c15
.....gugGgcaaacuuucaggug..... 1 1 c15
.....gugagcaaacuuucagguA..... 1 1 c15
.....gugagcaaacuuucaggug..... 45 0 c15
.....guUagcaaacuuucaggug..... 1 1 c15
.....Augagcaaacuuucaggugu..... 1 1 c15

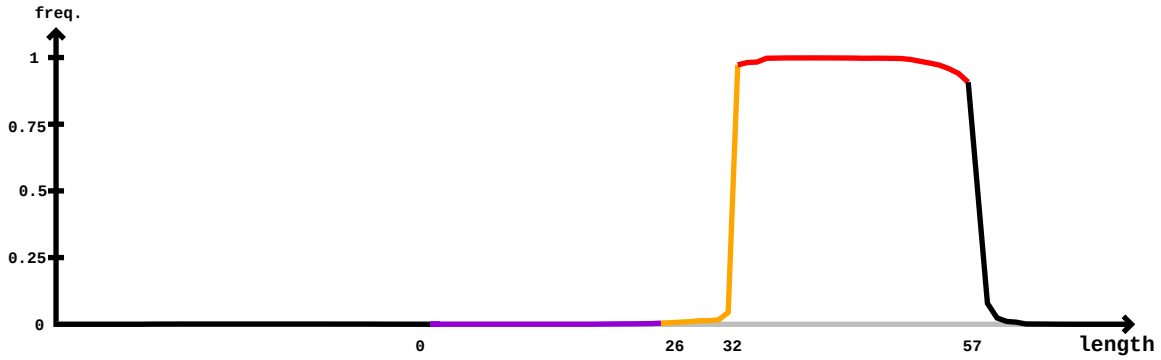
Star Mature

gagaagauaagaagagaguacgguacacugaugggccugaauuguugcucgaaccuguguuuuaaucaaggugagcaaacuuucaggugugguagugccgacuuuucuacga

.....gugagUaaacuuucaggugu.....	1	1	c15
.....Uugagcaaacuuucaggugu.....	1	1	c15
.....gugagcaaacuuucaggugC.....	3	1	c15
.....gugagcaaacuuucaggugu.....	118	0	c15
.....gugagcaaacuuuAaggugug.....	1	1	c15
.....gugagcaaacuuucGggugug.....	1	1	c15
.....gugagcaaacuuucaggGgug.....	1	1	c15
.....gugagcaaaUuuucaggugug.....	1	1	c15
.....gugagcaaacuuuUaggugug.....	1	1	c15
.....gugagcaaacuuucagguguA.....	14	1	c15
.....gugagcaaacuuucaggugug.....	447	0	c15
.....Uugagcaaacuuucaggugug.....	2	1	c15
.....gugagcaaacuuucaggCgug.....	2	1	c15
.....gugagcaaacuuucagguguU.....	1	1	c15
.....gugagcaaacuuucUggugugu.....	1	1	c15
.....gugagcaaacuuucaUgugugu.....	1	1	c15
.....gugagcaaacuuucaggAgugu.....	2	1	c15
.....guUagcaaacuuucaggugugu.....	1	1	c15
.....gugagcaaacuuucagAugugu.....	1	1	c15
.....gugagcaaacuuuAaggugugu.....	3	1	c15
.....gugagcaaacCuucaggugugu.....	1	1	c15
.....gGgagcaaacuuucaggugugu.....	1	1	c15
.....gugagcaaacuuucagguUugu.....	1	1	c15
.....gugagcaaacuuucaggugCgu.....	3	1	c15
.....gugagcaaacuuucagUugugu.....	2	1	c15
.....gugagcaaacuuucaggugugG.....	6	1	c15
.....gAgagcaaacuuucaggugugu.....	3	1	c15
.....gugagcaaacuCucaggugugu.....	3	1	c15
.....gugaUcaaacuuucaggugugu.....	1	1	c15
.....gugagcaaaUuuucaggugugu.....	1	1	c15
.....gugUgcaaacuuucaggugugu.....	1	1	c15
.....gugagcaaacuuucaggCgugu.....	2	1	c15
.....gugagcaaacuuucaggGgugu.....	1	1	c15
.....gugagcaaacuuucaggugugu.....	2515	0	c15
.....gugGgcaaacuuucaggugugu.....	1	1	c15
.....guAagcaaacuuucaggugugu.....	1	1	c15
.....gugagcaaacuuucaCgugugu.....	1	1	c15
.....gugagcaaacuuucaggugAgu.....	4	1	c15
.....gugagcaaacuuucaggugugC.....	17	1	c15
.....gugagcaaacuuucaggugugA.....	17	1	c15
.....Augagcaaacuuucaggugugu.....	1	1	c15
.....gugagcaaacuAucaggugugu.....	1	1	c15
.....gugaAcaaacuuucaggugugu.....	1	1	c15
.....gugagUaaacuuucaggugugu.....	4	1	c15
.....Uugagcaaacuuucaggugugu.....	12	1	c15
.....gugagcaaacuuucagguguAu.....	1	1	c15
.....gugagcaaacuuucagguguUu.....	4	1	c15
.....gugagcaaacuuucaggAguguu.....	1	1	c15
.....gugagcaaacuuucagguguguC.....	2	1	c15
.....gugagcaaacuuucagguguguG.....	2	1	c15
.....gugagcaaacuuucagguguguu.....	106	0	c15
.....gugagcaaacuuucagguguguA.....	33	1	c15
.....gugagcaaacuuucagguguUuu.....	1	1	c15
.....gugagcaaacuuucCgguguguua.....	1	1	c15
.....gugagcaaacuuucagguguguAa.....	3	1	c15
.....gugagcaaacuuucagguguguuU.....	15	1	c15
.....gugagcaaacuuucagguguguua.....	1	0	c15
.....gugagcaaacuuucagguguguuaA.....	1	1	c15
.....ugagcaaacuuucaggugugu.....	1	0	c15
.....gagcaaacuuucaggugugu.....	1	0	c15

Provisional ID	:	group6_11802
Score total	:	4065.3
Score for star read(s)	:	3.9
Score for read counts	:	4069.6
Score for mfe	:	-5.3
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	7994
Mature read count	:	7993
Loop read count	:	0
Star read count	:	1





Star **Mature**

```
5'- gaaaaaguuucuuguaccaaaccuuguuccucugacgauccauggguugagcugccaaaaauuggucuuuucugucaacucccucccauguucuuguuguagucgaguaca  -3'   obs
    gaaaaaguuucuuguaccaaaccuuguuccucugacgauccauggguugagcugccaaaaauuggucuuuucugucaacucccucccauguucuuguuguagucgaguaca        exp
    ......................((((...((.((((((..((((((..(((.((.((.(((.......))).)).)).)))..)))))).)))))).)).)).)).)))....
```

	reads	mm	sample
.....Acaaaaauuggucuuuucugucaacuc.....	1	1	c02
.....caaaaauuggucuuuucugucaacucc.....	2	0	c02
.....aaauuggucuuuucugucaacucccuc.....	1	0	c02
.....auuggucuuuucugucaac.....	1	0	c02
.....uuggucuuuucugucaacucccucca.....	2	0	c02
.....uuggucuuuucugucaacucccucccauU.....	2	1	c02
.....uggucuuuucugucaacucccucccau.....	2	0	c02
.....uggucuuuucugucaacucccucccaugC.....	1	1	c02
.....ucuuuucugucaacucccucccaugCu.....	1	1	c02
.....uuuucugucaacucccucccaugCucu.....	1	1	c02
.....uuuucugucaacucccucccaugCucuu.....	1	1	c02
.....uuucugucaacucccucccaugCucuu.....	2	1	c02
.....uucugucaacucccucccaugCucuu.....	13	1	c02
.....uucugucaacucccucccaugCucuug.....	4	1	c02
.....ugucaacucccucccaugCucuuguu.....	1	1	c02
.....acucccucccaugCucuuguuguagu.....	1	1	c02
.....cccauguAcuuguuguagu.....	1	1	c15
.....cccauguAcuuguuguaguc.....	1	1	c15
.....cccauguAcuuguuguagucg.....	1	1	c15
.....auuggucuuuucugucaacucU.....	1	1	c09
.....uggucuuuucugucaacucccucca.....	1	0	c09
.....uucugucaacucccucccaugCucuu.....	4	1	c09
.....uucugucaacucccucccaugCucuug.....	1	1	c09
........Gucuuguaccaaaccuuguuccucug.....	1	1	c16
.........ucuuguaccaaaccuuguuccucugacU.....	1	1	c16
..........Auguaccaaaccuuguuccu.....	1	1	c16
.....caaaaauuggucuuuucugucaac.....	1	0	c16
.....caaaaauuggucuuuucugucaacucc.....	1	0	c16
.....aaaaauuggucuuuucugucaa.....	1	0	c16
.....aaaaauuggucuuuucugucaacucc.....	2	0	c16

Star Mature

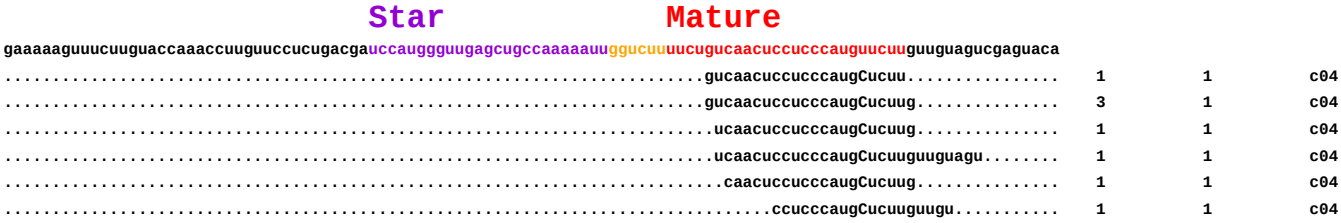
gaaaaaguuucuuguaccaaaccuuguuccucugacguccauggguugagcugccaaaaauuggucuuuucugucaacucccuccccauguucuuguuguagucgaguaca

.....aaaauuggucuuuucugucaacucccuc.....	1	0	c16
.....aaaauugguGuuuucugucaacucccucc.....	1	1	c16
.....aauuggucuuuucugucaacucccucc.....	1	0	c16
.....aauuggucuuuucugucaacucccuccc.....	1	0	c16
.....aauuggucuuuucugucaacucccucccU.....	1	1	c16
.....auuggucuuuucugucaacucccucccau.....	1	0	c16
.....uuggucuuuucugucaacu.....	1	0	c16
.....uuggucuuuucugucaacucc.....	1	0	c16
.....uuggucuuuucugucaacucccc.....	1	0	c16
.....uuggucuuuucugucaacucccucca.....	1	0	c16
.....uuggucuuuucugucaacucccuccau.....	2	0	c16
.....uuggucuuuucugucaacucccuccauU.....	3	1	c16
.....uggucuuuucugucaacucccucca.....	4	0	c16
.....uggucuuuucugucaacucccuccau.....	12	0	c16
.....uggucuuuucugucaacucccuccauU.....	1	1	c16
.....uggucuuuucugucaacucccuccaug.....	5	0	c16
.....uggucuuuucugucaacucccuccaugC.....	7	1	c16
.....uggucuuuucugucaacucccuccauUu.....	1	1	c16
.....uggucuuuucugucaacucccuccaugCu.....	1	1	c16
.....ucuuuucugucaacucccuc.....	1	0	c16
.....ucuuuucugucaacucccuccaugCu.....	2	1	c16
.....ucuuuucugucaacucccuccaugCuc.....	21	1	c16
.....cuuuucugucaacucccuccaugC.....	1	1	c16
.....uuuucugucaacucccucca.....	1	0	c16
.....uuuucugucaacucccuccaugC.....	2	1	c16
.....uuuucugucaacucccuccaugCucu.....	2	1	c16
.....uuuucugucaacucccuccaugCucuu.....	7	1	c16
.....uuucugucaacucccuccaugCu.....	1	1	c16
.....uuucugucaacucccuccaugCuc.....	8	1	c16
.....uuucugucaacucccuccaugCucu.....	9	1	c16
.....uuucugucaacucccuccaugCucuu.....	97	1	c16
.....uuucugucaacucccuccaugCucuug.....	6	1	c16
.....uuucugucaacucccuccaugCucuugu.....	4	1	c16
.....uucugucaacucccucca.....	4	0	c16
.....uucugucaacucccuccau.....	18	0	c16
.....Gucugucaacucccuccaug.....	4	1	c16
.....uucugucaacucUucccaug.....	1	1	c16
.....uucugucaacucccuccaug.....	12	0	c16
.....uucugucaacucccuccaugC.....	24	1	c16
.....uucugucaacucccuccaugCu.....	40	1	c16
.....uucugucaacucccuccaugCuc.....	36	1	c16
.....uucugucaacucccuccaugCucu.....	110	1	c16
.....uucugucaacucccuccaugCucuu.....	2507	1	c16
.....uucugucaacucccuccaugAucuu.....	1	1	c16
.....uucugucaacucccuccauguucuu.....	3	0	c16
.....uucugucaacucccuccaugCucuug.....	1270	1	c16
.....uucugucaacucccuccaugCucuugu.....	235	1	c16
.....uucugucaacucccuccaugCucuuguu.....	25	1	c16
.....ucugucaacucccuccaug.....	1	0	c16
.....ucugucaacucccuccaugC.....	1	1	c16
.....ucugucaacucccuccaugCu.....	3	1	c16
.....ucugucaacucccuccaugCuc.....	1	1	c16
.....ucugucaacucccuccaugCucuu.....	3	1	c16
.....ucugucaacucccuccaugCucuug.....	1	1	c16
.....ucugucaacucccuccaugCucuugu.....	6	1	c16
.....ucugucaacucccuccaugCucuuguu.....	29	1	c16
.....ucugucaacucccuccaugCucuuguug.....	1	1	c16
.....cugucaacucccuccaugCucuu.....	3	1	c16
.....cugucaacucccuccaugCucuugu.....	2	1	c16
.....ugucaacucccuccaugCuc.....	1	1	c16
.....ugucaacucccuccaugCucu.....	2	1	c16
.....ugucaacucccuccaugCucuu.....	5	1	c16
.....ugucaacucccuccaugCucuug.....	1	1	c16
.....ugucaacucccuccaugCucuuguu.....	10	1	c16
.....ugucaacucccuccaugCucuuguug.....	11	1	c16
.....ugucaacucccuccaugCucuuguugu.....	27	1	c16
.....gucaacucccuccaugCucuug.....	1	1	c16
.....ucaacucccuccaugCucuu.....	1	1	c16
.....ucaacucccuccaugCucuug.....	1	1	c16
.....ucaacucccuccaugCucuuguuguagu.....	1	1	c16

Star Mature

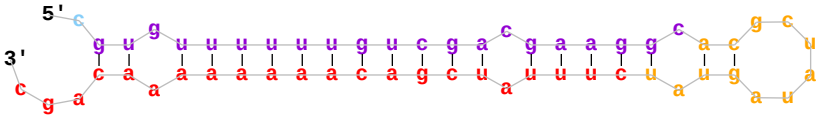
gaaaaaguuucuuguaccaaaccuuguuccucugacguccauggguugagcugccaaaaauuggucuuuucugucaacuccucccauguucuuguuguagucgaguaca

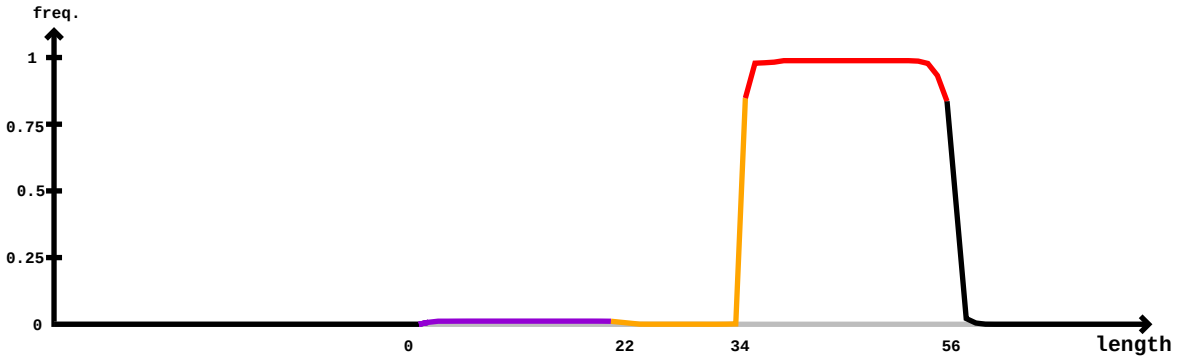
.....uuUuuguaccaaaccuugu.....	1	1	c04
.....uuUuuguaccaaaccuuguuccuc.....	2	1	c04
.....uccauggguugagcugAcaaaaauu.....	1	1	c04
.....aaauuggucuuuucugucaacu.....	1	0	c04
.....aauuggucuuuucugucaacuccuccc.....	1	0	c04
.....uuggucuuuucugucaacuccuGccau.....	1	1	c04
.....uggucuuuucugucaacuccuccc.....	1	0	c04
.....uggucuuuucugucaacuccuccca.....	1	0	c04
.....uggucuuuCcugucaacuccucccau.....	1	1	c04
.....uggucuuuucugucaacuccucccau.....	2	0	c04
.....uggucuuuucugucaacuccucccaug.....	3	0	c04
.....uggucuuuucugucaacuccucccaugG.....	1	1	c04
.....uggucuuuucugucaacuccucccaugC.....	1	1	c04
.....uggucuuuucugucaacuccucccaugCucu.....	1	1	c04
.....ucuuuucugucaacuccucccaugC.....	1	1	c04
.....ucuuuucugucaacuccucccaugCuc.....	3	1	c04
.....cuuuucugucaacuccucccaugCuc.....	1	1	c04
.....uuuucugucaacuccucccaugCucu.....	3	1	c04
.....uuuucugucaacuccucccaugCucuu.....	6	1	c04
.....uuucugucaacuccucccau.....	1	0	c04
.....uuucugucaacuccucccaugC.....	1	1	c04
.....uuucugucaacuccucccaugCu.....	1	1	c04
.....uuucugucaacuccucccaugCuc.....	6	1	c04
.....uuucugucaacuccucccaugCucu.....	4	1	c04
.....uuucugucaacuccucccaugCucuu.....	70	1	c04
.....uuucugucaacuccucccaugCucuug.....	15	1	c04
.....uuucugucaacuccucccaugCucuugu.....	1	1	c04
.....Gucugucaacuccuccca.....	2	1	c04
.....uucugucaacuccucccG.....	1	1	c04
.....uucugucaacuccuccca.....	13	0	c04
.....uucugucaacuccucccau.....	15	0	c04
.....uucugucaCcucucccau.....	1	1	c04
.....uucugucaacuccucccaug.....	19	0	c04
.....uCcugucaacuccucccaug.....	1	1	c04
.....uucugucaacuccucccaugC.....	20	1	c04
.....uucugucaacuccucccaugu.....	1	0	c04
.....uucugucaacuccucccaugAu.....	1	1	c04
.....uucugucaacuccucccaugCu.....	60	1	c04
.....uucugucaacuccucccaugCuc.....	67	1	c04
.....uucugucaacuccucccaugCucu.....	129	1	c04
.....Gucugucaacuccucccauguucuu.....	1	1	c04
.....uucugucaacuccucccauguucuu.....	2	0	c04
.....uucugucaacuccucccaugCucuu.....	1586	1	c04
.....uucugucaacuccucccaugAucuu.....	2	1	c04
.....uucugucaacuccucccaugCucuug.....	1088	1	c04
.....uucugucaacuccucccaugAucuug.....	1	1	c04
.....uucugucaacuccucccauguucuuA.....	1	1	c04
.....uucugucaacuccucccaugGucuugu.....	1	1	c04
.....uucugucaacuccucccaugCucuugu.....	189	1	c04
.....uucugucaacuccucccaugCucuuguu.....	23	1	c04
.....ucugucaacuccucccaugC.....	1	1	c04
.....ucugucaacuccucccaugCuc.....	1	1	c04
.....ucugucaacuccucccaugCucu.....	1	1	c04
.....ucugucaacuccucccaugCucuug.....	4	1	c04
.....ucugucaacuccucccaugCucuugu.....	7	1	c04
.....ucugucaacuccucccaugCucuuguu.....	9	1	c04
.....ucugucaacuccucccaugCucuuguug.....	2	1	c04
.....cugucaacuccucccaugCucu.....	1	1	c04
.....cugucaacuccucccaugCucuu.....	3	1	c04
.....cugucaacuccucccaugCucuug.....	6	1	c04
.....ugucaacuccucccaugCuc.....	1	1	c04
.....ugucaacuccucccaugCucu.....	3	1	c04
.....ugucaacuccucccaugCucuu.....	2	1	c04
.....ugucaacuccucccaugCucuug.....	1	1	c04
.....ugucaacuccucccaugCucuugu.....	3	1	c04
.....ugucaacuccucccaugCucuuguu.....	8	1	c04
.....ugucaacuccucccaugCucuuguug.....	10	1	c04
.....ugucaacuccucccaugCucuuguugu.....	26	1	c04
.....ugucaacuccucccaugCucuuguugua.....	3	1	c04



1	1	c04
3	1	c04
1	1	c04
1	1	c04
1	1	c04
1	1	c04

Provisional ID	:	group6_12078
Score total	:	10037.1
Score for star read(s)	:	3.9
Score for read counts	:	10032.5
Score for mfe	:	-0.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	19690
Mature read count	:	19459
Loop read count	:	0
Star read count	:	231





Star **Mature**

```
5'- cgcuaguauauauacccggcgaagagucagaaaaguc guguuuuuugucgacgaaggc acgcuauaguau cuuuaucgacaaaaaaaacagc aauacccugucuuaguuuaa  -3'   obs
    cgcuaguauauauacccggcgaagagucagaaaagu cguguuuuuugucgacgaaggc acgcuauaguau cuuuaucgacaaaaaaaacagc aauacccugucuuaguuuaa        exp
    ((((.(((....))).))))..(((.(((....((.((.((((((((((.(((((.((......)).)))))..)))))))))))).)).))......))).)))..... reads    mm    sample
    ..................................guguuuuuugucgacgaag..................................................... 2        0     c02
    ..................................guCuuuuuugucgacgaagg..................................................... 1        1     c02
    ..................................guguuuuuugucgacgaagg..................................................... 5        0     c02
    ..................................guguuuuuugucgacgaaggA.................................................... 1        1     c02
    ..................................guguuuuuugucgacgaaggc.................................................... 9        0     c02
    ..................................guguuuuuugucgacgaaggcU................................................... 3        1     c02
    ..................................guguuuuuugucgacgaaggcG................................................... 1        1     c02
    ..................................uguuuuuuugucgacgaag...................................................... 1        0     c02
    ..................................uguuuuuuugucgacgaagg..................................................... 9        0     c02
    ..................................Gguuuuuuugucgacgaagg..................................................... 2        1     c02
    ..................................uguuuuuuugucgacgaaggc.................................................... 16       0     c02
    ..................................Aguuuuuuugucgacgaaggc.................................................... 1        1     c02
    ..................................Gguuuuuuugucgacgaaggc.................................................... 2        1     c02
    ..................................uguuuuuuugucgacgaaggcU................................................... 7        1     c02
    ..................................................................aucuuuaucgacaaaaaaaac..................... 1        0     c02
    ..................................................................Acuuuaucgacaaaaaaaacag.................... 1        1     c02
    ..................................................................cuuuaucgacaaaaaaaa........................ 12       0     c02
    ..................................................................cuuuaucgacaaaaaaaac....................... 36       0     c02
    ..................................................................cCuuaucgacaaaaaaaac....................... 2        1     c02
    ..................................................................cuuuaucgacaaaaaaaA........................ 2        1     c02
    ..................................................................cuuuaucgaUaaaaaaaaca...................... 1        1     c02
    ..................................................................cuuuUucgacaaaaaaaaca...................... 1        1     c02
    ..................................................................cuuuaucgacaaaaaaaaca...................... 349      0     c02
    ..................................................................cuuuaucgacaaaaaaaacC...................... 1        1     c02
    ..................................................................cuuuaucgacaaaaaaaaAa...................... 2        1     c02
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    ..................................................................cuuuauAgacaaaaaaaaca...................... 2        1     c02
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Star Mature

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.....cuuuaucgacaaaaaaaacUgc.....	1	1	c16
.....cuuGaucgacaaaaaaaacagc.....	1	1	c16
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Star Mature

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.....cuAuaucgacaaaaaaaacagca.....	1	1	c16
.....cuuuaucgacaaaaaaaacagUa.....	1	1	c16
.....cuuuaucgacaaaaaaaaAagcaa.....	1	1	c16
.....cuuuaucgacaaaaaaaacagcaG.....	1	1	c16
.....cuuuaucgacaaaaaaaacagcaa.....	58	0	c16
.....cuuuaucgacaaaaaaaacagcUa.....	7	1	c16
.....cuuuaucgacaaaaaaaacagcaU.....	6	1	c16
.....cuuuaucgaAaaaaaaaacagcaa.....	1	1	c16
.....cuuuaucgacaaaaaaaacagcaaA.....	12	1	c16
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.....uuuaucgacaaaaaaaacCgc.....	2	1	c16
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.....uuuaucgacaaaaaaaacaUca.....	1	1	c16
.....Guuaucgacaaaaaaaacagca.....	22	1	c16
.....uuuaucgacaaaaaaaacagUa.....	2	1	c16
.....uuuaucgUcaaaaaaaacagca.....	1	1	c16
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.....uuuaucgacaaaaaaaacagcC.....	4	1	c16
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.....uuuaucgacaaaaaUaacagca.....	2	1	c16
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.....uuuauAgacaaaaaaaacagca.....	1	1	c16
.....Cuuaucgacaaaaaaaacagca.....	1	1	c16
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.....uuuaucgacaaaaaaaacagcaU.....	3	1	c16
.....Guuaucgacaaaaaaaacagcaa.....	7	1	c16
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.....uuuaucgacaaaaaaaacagcUa.....	8	1	c16
.....uuuaucgacaaaaaaaacagcaC.....	2	1	c16
.....uuuaucgacaaaaaaaacagAaa.....	1	1	c16
.....uuuaucgacaaaaaaaacagcaaA.....	9	1	c16
.....uuaucgacaaaaaaaacagc.....	3	0	c16
.....Guaucgacaaaaaaaacagc.....	1	1	c16
.....uuaucgacaaaaaaaacagca.....	1	0	c16
.....uaucgacaaaaaaaacag.....	1	0	c16
.....uaucgacaaaaaaaacagc.....	12	0	c16
.....uCucgacaaaaaaaacagc.....	1	1	c16
.....uaucgacaaaaaaaacagcaa.....	1	0	c16
.....aucgacaaaaaaaacagc.....	20	0	c16
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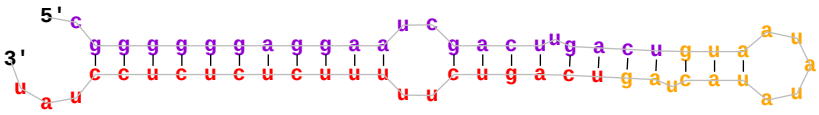
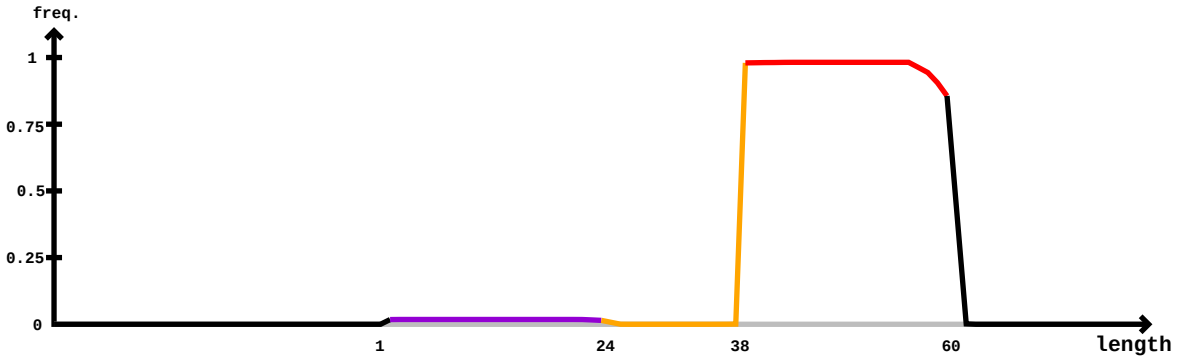
.....aCcgacaaaaaaaacagc.....	1	1	c16
.....Cucgacaaaaaaaacagca.....	2	1	c16
.....aucgacaaaaaaaacagca.....	12	0	c16
.....aucgacaaaaaaaacagcU.....	1	1	c16
.....aucgacaaaaaaaacagcaa.....	2	0	c16

Provisional ID	:	group6_12110
Score total	:	1456561.5
Score for star read(s)	:	3.9
Score for read counts	:	1456551.1
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2856974
Mature read count	:	2805469
Loop read count	:	0
Star read count	:	51505





Star **Mature**

```
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    agaaagaacauuauuuuaauaugucagucgugucgggggggaggaaucgacuugacuguaauauauacuagucagucuuuuucucucuccuauaugguuggcauguaaccguc        exp
    .................(((((((((((((((.((((((((((..((((.(((((((.....))).)))))))).))))))))))).)))))))))))))).....   reads    mm    sample
    ..........................cCugucgggggggaggaaucgacuugacu.....................................................   1        1     c09
    ..............................ucgggggggaggaaucgacuugacu.....................................................   1        0     c09
    ................................cgggggggaggaaucgacu.........................................................   15       0     c09
    ................................cgggggggGggaaucgacu.........................................................   1        1     c09
    ................................cgggggggaggaaucgacuu........................................................   5        0     c09
    ................................cggUgggaggaaucgacuug........................................................   1        1     c09
    ................................cgggggggaggaaucgacuug.......................................................   13       0     c09
    ................................cgggggggaggaaucgacuuga......................................................   45       0     c09
    ................................Aggggggaggaaucgacuuga......................................................   1        1     c09
    ................................cgggggggaggaaucgaAuuga.....................................................   1        1     c09
    ................................cgggggggaggaaGcgacuuga.....................................................   1        1     c09
    ................................cgggggggaggaauAgacuuga.....................................................   1        1     c09
    ................................cgggggggaggaaucgacuugaA....................................................   1        1     c09
    ................................cgggggggaggaaucgacuugac....................................................   68       0     c09
    ................................cgggggggaggaaucgacuuCac....................................................   1        1     c09
    ................................cUgggggaggaaucgacuugac.....................................................   2        1     c09
    ................................cgggggggaggaaucgacuAgacu...................................................   2        1     c09
    ................................cgggAggaggaaucgacuugacu....................................................   1        1     c09
    ................................cgggggggaggaauAgacuugacu...................................................   2        1     c09
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    ................................cgggUggaggaaucgacuugacu....................................................   1        1     c09
    ................................Uggggggaggaaucgacuugacu....................................................   1        1     c09
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    ................................cgggggggaggaauUgacuugacu...................................................   2        1     c09
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    ................................cggggCgaggaaucgacuugacu....................................................   2        1     c09
    ................................cgggggggGggaaucgacuugacu...................................................   1        1     c09
    ................................cggUgggaggaaucgacuugacu....................................................   1        1     c09
    ................................cgggggggaggGaucgacuugacu...................................................   1        1     c09
```

Star Mature

agaaagaacauuauuuuaauaugucagucgugucgggggggaggaaucgacuugacuguaauauauacuagucagucuuuuucucucuccuauaugguuggcauguaaccguc

.....cgggggggaggaaucgCcuugacu.....	2	1	c09
.....cgggggggaggaaucgacuugacu.....	586	0	c09
.....cgggggggaggaaucgacuugGcu.....	1	1	c09
.....cgUgggggaggaaucgacuugacu.....	1	1	c09
.....cgggggggaggaaucgacAugacu.....	1	1	c09
.....cggggAgaggaaucgacuugacu.....	2	1	c09
.....cgggggggaggaaucgacuugacA.....	3	1	c09
.....cgggggggaggaaucUacuugacu.....	1	1	c09
.....cgggggggaggaaucgacuugacuU.....	23	1	c09
.....cgggggggaggaaucgacuugacuA.....	9	1	c09
.....cgggggggaggaaucgacuugacug.....	3	0	c09
.....cgggggggaggaaucgacuugacuC.....	8	1	c09
.....cgggggggaggaaucgacuugacuUu.....	6	1	c09
.....cgggggggaggaaucgacuugacugu.....	1	0	c09
.....cgggggggaggaaucgacuugacuAu.....	3	1	c09
.....cgggggggaggaaucgacuugacuguaaua.....	1	0	c09
.....Cgggggaggaaucgacuugacu.....	1	1	c09
.....ggUaggaaucgacuugac.....	1	1	c09
.....ggaggaaucgacuugacu.....	1	0	c09
.....uugacuguaauauauacu.....	1	0	c09
.....cuguaauauauacuagucagucuuuuucucucuccuau.....	1	0	c09
.....guaauauauacuagucagucuuuuucucucuc.....	1	0	c09
.....guaauauauacuagucagucuuuuucucucuccuau.....	2	0	c09
.....aauauauacuagucagucuuuuucucucuccuau.....	1	0	c09
.....Cuacuagucagucuuuuucucucuccuau.....	1	1	c09
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Star Mature

agaaagaacauuauuuuaauaugucagucgugucgggggggaggaaucgacuugacuguaauauauacuagucagucuuuuucucucuccuauaugguuggcauguaaccguc

.....Cagucagucuuuuucucucuccua.....	1	1	c09
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Star Mature

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.....ucagucuuuuAcucucuc.....	4	1	c09
.....ucagucuuuuuUucucuc.....	3	1	c09
.....ucagucuuGuucucucuc.....	4	1	c09
.....ucagCcuuuuucucucuc.....	4	1	c09
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.....ucaCucuuuuucucucuc.....	6	1	c09
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.....ucagucuuuuucucucGc.....	9	1	c09
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.....uAagucuuuuucucucuc.....	7	1	c09
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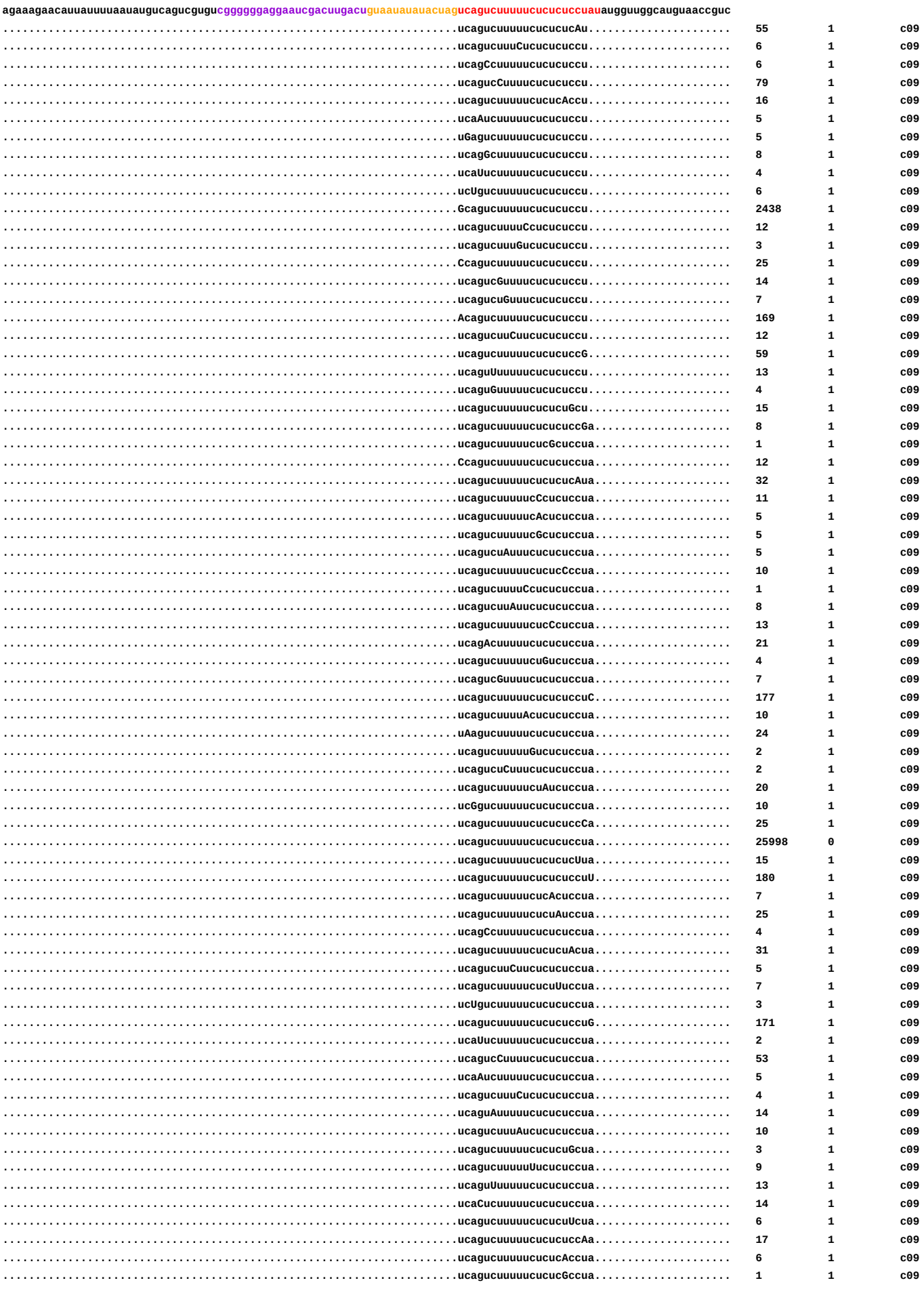

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.....uUuuuuucucucuccuau.....	3	1	c09
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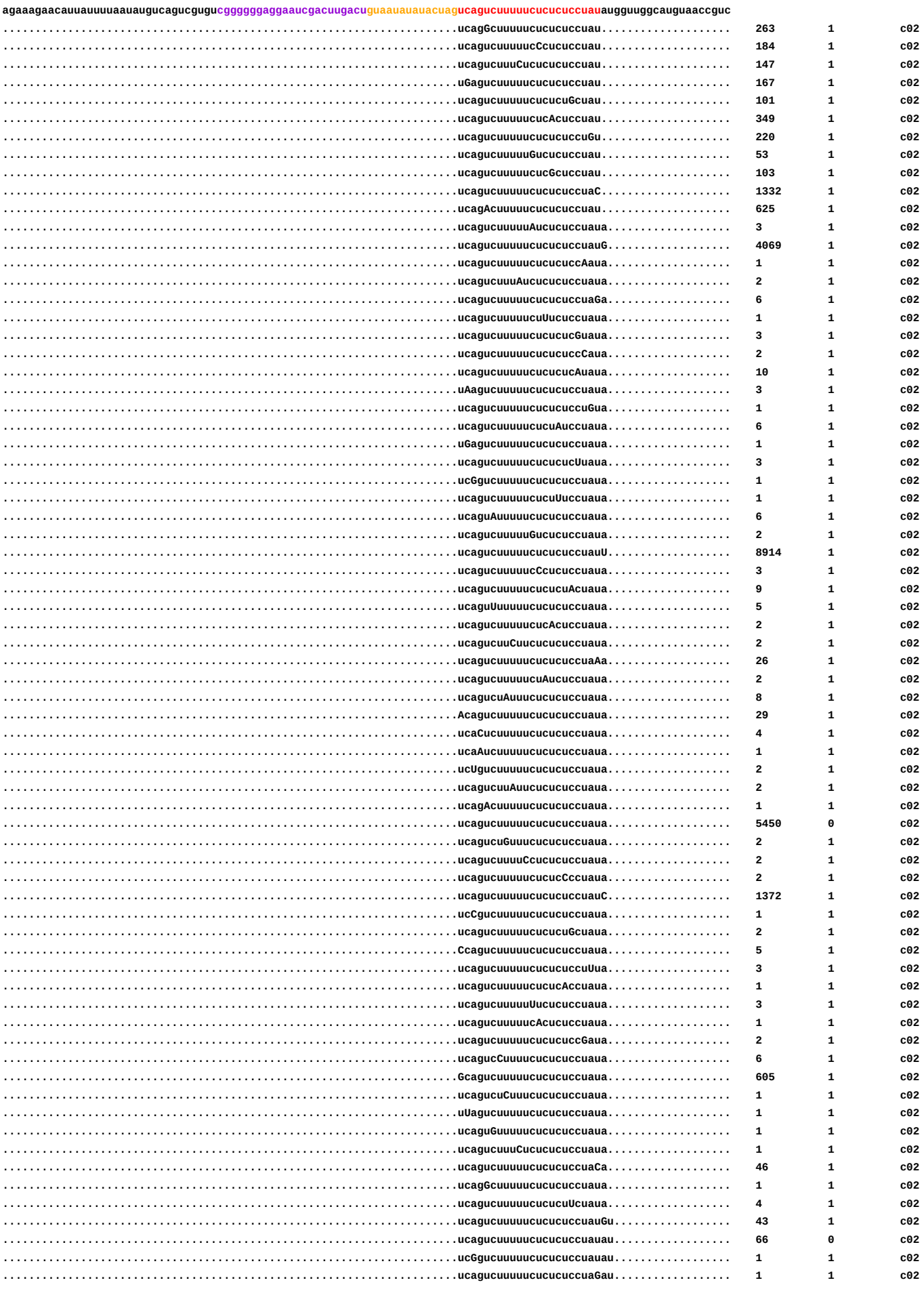
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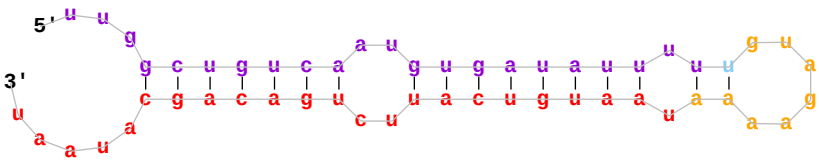
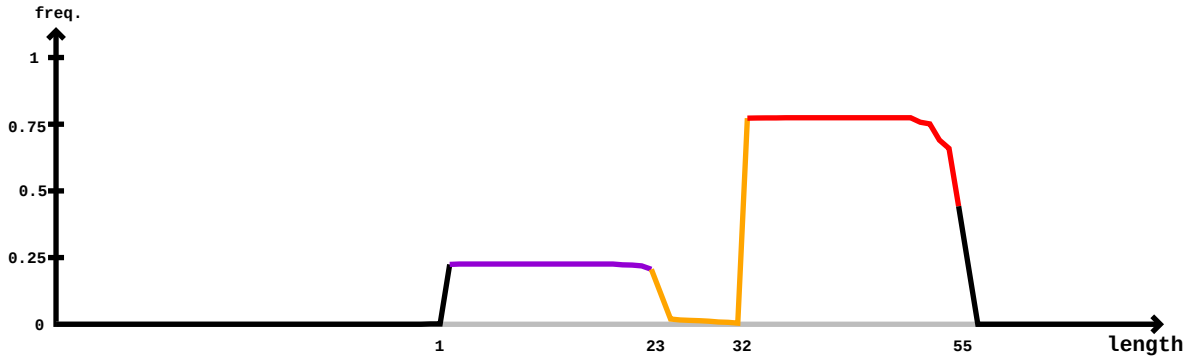
.....uuuuucucucuccuauaA.....	1	1	c02

Provisional ID	:	group6_12148
Score total	:	1668.6
Score for star read(s)	:	3.9
Score for read counts	:	1659.6
Score for mfe	:	0.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	3267
Mature read count	:	2551
Loop read count	:	0
Star read count	:	716





Star **Mature**

```
5'- uuauuagaacaaaaugaccaggacauuucuauggcguauuuggcugucaaugugauauuuuuguagaaaauaaugucauucugacagcauaaugcaaaauagaaacaaacauc  -3'   obs
    uuauuagaacaaaaugaccaggacauuucuauggcguauuuggcugucaaugugauauuuuuguagaaaauaaugucauucugacagcauaaugcaaaauagaaacaaacauc        exp
    .......................(((((((...(((((..(((((((..(((((((((.((......)).)))))))))..)))))))..)))))...)))))))........  reads    mm       sample
    ....................................auuuggcugucaaugugauauu.....................................................  1        0        c02
    ...................................uuggcugucaaugugauauuu......................................................  2        0        c02
    ...................................Guggcugucaaugugauauuuu.....................................................  2        1        c02
    ...................................uuggcugucaaugugauauuuu.....................................................  10       0        c02
    ...................................uuggcugucaaugugauauuuuuguagaaaau...........................................  1        0        c02
    ..........................................................................uaaugucauucugacagc.....................  6        0        c02
    ..........................................................................uaaugucauucugacagca....................  2        0        c02
    ..........................................................................uaaugucauucugacagcau...................  12       0        c02
    ..........................................................................Gaaugucauucugacagcau...................  2        1        c02
    ..........................................................................uaaugucauucugacaCcau...................  1        1        c02
    ..........................................................................uaaugucauucugCcagcau...................  1        1        c02
    ..........................................................................uaaugucauucugacagcauU..................  1        1        c02
    ..........................................................................uaaugucauucugacagcaua..................  3        0        c02
    ..........................................................................Gaaugucauucugacagcaua..................  1        1        c02
    ..........................................................................uaaugucauucugacagcauaa.................  3        0        c02
    ..........................................................................uaaugucauucugacagcauaU.................  1        1        c02
    ..........................................................................uaaugucauucugacagcauaau................  4        0        c02
    ..........................................................................uaaugucauucugCcagcauaau................  1        1        c02

    ....................................auuuggcugucaaugugauauu.....................................................  3        0        c15
    ...................................uuggcugucaaugugaua.........................................................  8        0        c15
    ...................................uuggcugucaaugugauau........................................................  1        0        c15
    ...................................uuggcugucaaugugauauu.......................................................  6        0        c15
    ...................................uuggcugucaaugugauauuu......................................................  30       0        c15
    ...................................uuggcugucaaugugUuauuuu.....................................................  1        1        c15
    ...................................uuggcugGcaaugugauauuuu.....................................................  1        1        c15
    ...................................uuggcugCcaaugugauauuuu.....................................................  1        1        c15
    ...................................uuggcugucaauguCauauuuu.....................................................  1        1        c15
    ...................................uuggcugucaaugugauauuuu.....................................................  448      0        c15
    ...................................uuggcuguUaaugugauauuuu.....................................................  1        1        c15
    ...................................uuggcugucaaugugauauuuA.....................................................  1        1        c15
    ...................................uuggUugucaaugugauauuuu.....................................................  1        1        c15
    ...................................uuggcugucaaugugauauuuuu....................................................  74       0        c15
```

Star Mature

uuauuagaacaaaaugaccaggacauuucuauggcguauuuggcugucaaugugauauuuuuguagaaaauaaugucauucugacagcauaaugcaaaauagaaacaaacauc

.....uuggcugucaaugugauauuuuA.....	2	1	c15
.....uuggcugucGaugugauauuuuu.....	1	1	c15
.....uuggcugucaaugugauauuuuC.....	2	1	c15
.....uuggcugucaaugugauauuuuug.....	2	0	c15
.....uuggcugucaaugugauauuuuuU.....	5	1	c15
.....uuggcugucaaugugauauuuuuA.....	1	1	c15
.....uuggcugucaaugugauauuuuugu.....	5	0	c15
.....uuggcugucaaugugauauuuuugua.....	3	0	c15
.....uuggcugucaaugugauauuuuuguaA.....	1	1	c15
.....uuggcugucaaugugauauuuuuguag.....	5	0	c15
.....uuggcugucaaugugauauuuuuguaga.....	8	0	c15
.....uuggcugucaaugugauauuuuuguagaU.....	1	1	c15
.....uuggcugucaaugugauauuuuuguagaa.....	2	0	c15
.....uuggcugucaaugugauauuuuuguagaaa.....	10	0	c15
.....uuggcugucaaugugauauuuuuguagaaaa.....	11	0	c15
.....uuggcugucaaugugauauuuuuguagaaaU.....	1	1	c15
.....uggcugucaaugugauauuuuu.....	1	0	c15
.....uggcugucaaugugauauuuuuU.....	1	1	c15
.....uggcugucaaugugauauuuuuguaga.....	2	0	c15
.....uggcugucaaugugauauuuuuguagaa.....	1	0	c15
.....uaaugucauucugacagc.....	14	0	c15
.....uaaugucauucugaUagc.....	1	1	c15
.....uaaugucauucugacagca.....	2	0	c15
.....uaaugucauucugacagcau.....	32	0	c15
.....uaaugucauucugacagcaA.....	2	1	c15
.....uaauUucauucugacagcaua.....	1	1	c15
.....uaaugucauucugacagcauU.....	4	1	c15
.....uaaugucauucuUacagcaua.....	1	1	c15
.....uaaugucauucugacagcaua.....	52	0	c15
.....uaaugucauCcugacagcauaa.....	1	1	c15
.....uaaugucauucugacGgcauaa.....	2	1	c15
.....uaaugucauucCgacagcauaa.....	1	1	c15
.....uaauCucauucugacagcauaa.....	1	1	c15
.....uaaugucauucugacagcauaU.....	19	1	c15
.....uaaugucauucugacagcaCaa.....	2	1	c15
.....Caaugucauucugacagcauaa.....	2	1	c15
.....uaaugucauucAgacagcauaa.....	1	1	c15
.....uaaugucauucugacagcauaa.....	627	0	c15
.....uaaugucauucugacagcaCaau.....	1	1	c15
.....uUaugucauucugacagcauaau.....	1	1	c15
.....uaaugucauucugacagcaAaau.....	1	1	c15
.....uaaugucUuucugacagcauaau.....	1	1	c15
.....uaaugucauucugacagcauaaA.....	10	1	c15
.....uaaugucauucCgacagcauaau.....	4	1	c15
.....uaaugucauucugacagcauaaC.....	2	1	c15
.....uGaugucauucugacagcauaau.....	1	1	c15
.....uaaugucauucugaGagcauaau.....	1	1	c15
.....uaaugucauucugacagcauaUu.....	2	1	c15
.....uaaugucauucugacaAcauaau.....	1	1	c15
.....uaaugucauucugacagcauaau.....	1331	0	c15
.....uaaugAcauucugacagcauaau.....	1	1	c15
.....Aaaugucauucugacagcauaau.....	1	1	c15
.....uaaugucauucugacagcaGaau.....	2	1	c15
.....uaaugucauucugacagUauaau.....	1	1	c15
.....uaaugucauucugacagcauaauA.....	1	1	c15
.....uaaugucauucugacagcauaauU.....	17	1	c15
.....uaaugucauucugacagcauaauC.....	2	1	c15
.....aaugucauucugacagcaua.....	1	0	c15
.....aaugucauucugacagcauaau.....	2	0	c15
.....gucauucugacagcauaa.....	1	0	c15
.....gucauucugacagcauaau.....	1	0	c15

.....uuggcugucaaugugauau.....	1	0	c16
.....uuggcugucaaugugauauuu.....	10	0	c16
.....Guggcugucaaugugauauuuu.....	8	1	c16
.....uuggcugucaaugugauauuuu.....	42	0	c16
.....Guggcugucaaugugauauuuuu.....	1	1	c16
.....uuggcugucaaugugauauuuuu.....	4	0	c16
.....uuggcugucaaugugauauuuuug.....	2	0	c16
.....uuggcugucaaugugauauuuuAg.....	1	1	c16

Star Mature

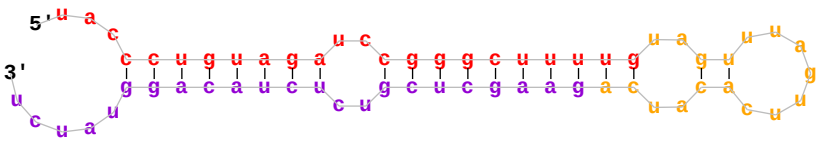
uuauuagaacaaaaugaccaggacauuucuauggcguauuuggcugucaaugugauauuuuuguagaaaauaaugucauucugacagcauaaugcaaaauagaaacaaacauc

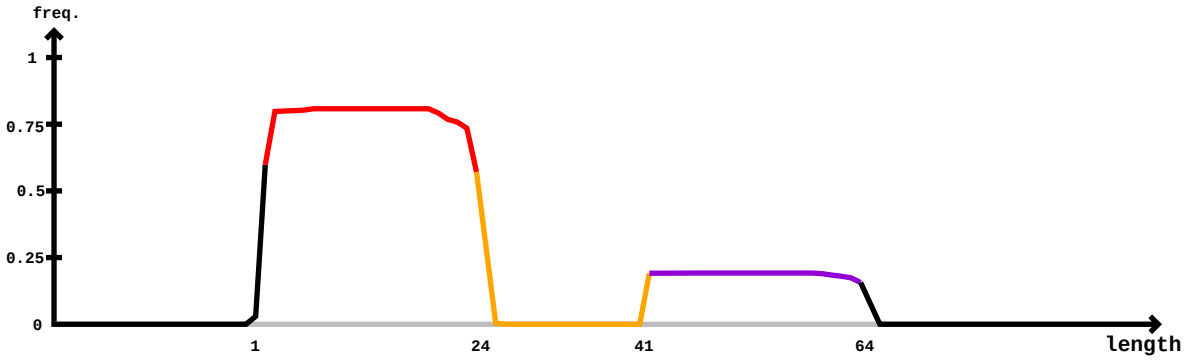
....uuggcugucaaugugauauuuuugua....	1	0	c16
....uuggcugucaaugugauauuuuuguagaaaa....	1	0	c16
....Gaaugucauucugacagc....	3	1	c16
....uaaugucauucugacagc....	25	0	c16
....Gaaugucauucugacagca....	2	1	c16
....uaaugucauucCgacagca....	1	1	c16
....uaaugucauucugacagca....	12	0	c16
....Aaaugucauucugacagcau....	2	1	c16
....uaaugucCuucugacagcau....	1	1	c16
....uaUugucauucugacagcau....	1	1	c16
....Gaaugucauucugacagcau....	8	1	c16
....uaaugucauucugacagcUu....	1	1	c16
....uaaugucauucugacagcau....	133	0	c16
....uaaugucauucugacagcaua....	25	0	c16
....uaaugucauucuCacagcaua....	1	1	c16
....uaaugucauucugacagcauG....	1	1	c16
....uaaugucauucugacagcauC....	1	1	c16
....uaaugucauucugacagcauU....	7	1	c16
....Gaaugucauucugacagcauaa....	5	1	c16
....uaaugucauucugacagcauUa....	2	1	c16
....uaaugucauucugacagcauaa....	34	0	c16
....uaaugucauucugacagcauaU....	3	1	c16
....uaaugucauucugCcagcauaau....	2	1	c16
....uaaugucauucugacagcauaau....	46	0	c16
....uaaugucaGucugacagcauaau....	1	1	c16
....Gaaugucauucugacagcauaau....	4	1	c16
....uaaugucauucugacagcauaaA....	1	1	c16
....augucauucugacagcaua....	1	0	c16

....uuggcugucaaugugaua....	2	0	c04
....uuggcugucaaugugauau....	1	0	c04
....uuggcugucaaugugauauuuu....	2	0	c04
....Guggcugucaaugugauauuuu....	1	1	c04
....uuggcugucaaugugauauuuuu....	2	0	c04
....uaaugucauucugacagc....	2	0	c04
....uaaugucauucugacagcaC....	1	1	c04
....uaaugucauucugacagcau....	1	0	c04
....uaaugucauucugacagcauaa....	3	0	c04
....Gaaugucauucugacagcauaau....	1	1	c04
....uaaugucauucugacagcauaau....	7	0	c04
....uaaugucauucugacagcauaaA....	1	1	c04

....Guggcugucaaugugauauuuu....	1	1	c09
....uuggcugucaaugugauauuuu....	6	0	c09
....uaaugucauucugacagc....	4	0	c09
....uaaugucauucugacagca....	2	0	c09
....uaaugucauucugacagcau....	2	0	c09
....uaaugucauucugacagcaua....	2	0	c09
....uaaugucauucugacagcauU....	1	1	c09
....uaaugucauucugacagcauaU....	1	1	c09
....uaaugucauucugacagcauaa....	5	0	c09
....uaaugucauucugacagcauaau....	6	0	c09

Provisional ID	:	group7_12518
Score total	:	54298.8
Score for star read(s)	:	3.9
Score for read counts	:	54288.9
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	106497
Mature read count	:	86049
Loop read count	:	0
Star read count	:	20448





Mature **Star**

```
5'- auuauggcacauucgugaucuacccuguagauccgggcuuuuguaguuuaguucacaucagaagcucgucucuacagguaucucacggcuggaagaccucgcuacuaacgguu -3'   obs
    auuauggcacauucgugaucuacccuguagauccgggcuuuuguaguuuaguucacaucagaagcucgucucuacagguaucucacggcuggaagaccucgcuacuaacgguu       exp
    .........((.((((((..((((.((((((..((((((((((..((.......))..))))))))))..))))))))))..)))))).))...((((...........)))) reads     mm        sample
    ..................cuacccuguagauccgggc.......................................................................... 5         0         c04
    ..................cuacccuguagauccggCcu.......................................................................... 1         1         c04
    ..................cuacccuguagauccgggcu.......................................................................... 7         0         c04
    ..................cuacccuguagauccgggcuG......................................................................... 1         1         c04
    ..................cuCcccuguagauccgggcuuu........................................................................ 1         1         c04
    ..................cuacccuguagauccgggcuuu........................................................................ 1         0         c04
    ..................cuacccuguagauccgggcuuuu....................................................................... 12        0         c04
    ..................cuacccuguagauccgggcuuAu....................................................................... 1         1         c04
    ..................cuacccugCagauccgggcuuuu....................................................................... 1         1         c04
    ..................cuacccuguagCuccgggcuuuu....................................................................... 1         1         c04
    ..................cuacccugGagauccgggcuuuu....................................................................... 1         1         c04
    ..................cuacGcuguagauccgggcuuuug...................................................................... 1         1         c04
    ..................cuacccuguagauccgggcuuuuA...................................................................... 2         1         c04
    ..................cuacccuguagaucAgggcuuuug...................................................................... 1         1         c04
    ..................cuacccUuagauccgggcuuuug....................................................................... 1         1         c04
    ..................cuacccuguagauccgggcuuuug...................................................................... 66        0         c04
    ..................cuCcccuguagauccgggcuuuug...................................................................... 1         1         c04
    ..................cuacccuguagauccgggcuuuugA..................................................................... 1         1         c04
    ..................cuacccuguagauccgggcuuuugu..................................................................... 3         0         c04
    ..................cuacccuguagauccgggcuuuugC..................................................................... 1         1         c04
    ..................cuacccuguagauccgggcuuuuCu..................................................................... 1         1         c04
    ..................uacccuguagauccgggc............................................................................. 38        0         c04
    ..................uacccuguagauccgggcu............................................................................ 45        0         c04
    ..................Aacccuguagauccgggcu............................................................................ 1         1         c04
    ..................uCcccuguagauccgggcu............................................................................ 1         1         c04
    ..................Gacccuguagauccgggcu............................................................................ 1         1         c04
    ..................uacccuguGgauccgggcu............................................................................ 1         1         c04
    ..................uacccuguagauccgggcuu........................................................................... 12        0         c04
    ..................Gacccuguagauccgggcuuu.......................................................................... 1         1         c04
    ..................uacccuguagauccgggcuuu.......................................................................... 22        0         c04
    ..................uacccuguagauccgggcAuu.......................................................................... 1         1         c04
    ..................Gacccuguagauccgggcuuuu......................................................................... 6         1         c04
    ..................uacAcuguagauccgggcuuuu......................................................................... 2         1         c04
```

Mature Star

auuauggcacauucgugaucuacccuguagauccgggcuuuuguaguuuaguucacaucagaagcucgucucuacagguaucucacggcuggaagaccucgcuacuaacgguu

.....uacccuguagauccgggcuAuu.....	1	1	c04
.....uCcccuguagauccgggcuuuu.....	1	1	c04
.....uacccuguagauccgggcuuuu.....	142	0	c04
.....uacUcuguagauccgggcuuuu.....	1	1	c04
.....uacccuguagauccgggcuuuuU.....	1	1	c04
.....uacccuguagCuccgggcuuuug.....	5	1	c04
.....uacccuguagauccgggAuuuug.....	1	1	c04
.....uCcccuguagauccgggcuuuug.....	3	1	c04
.....uacccuguagauccgggcuuuug.....	567	0	c04
.....uacccuguagauccgggcuuuuA.....	2	1	c04
.....Aacccuguagauccgggcuuuug.....	1	1	c04
.....uacccuguagaGccgggcuuuug.....	1	1	c04
.....uacccuguagauccCggcuuuug.....	1	1	c04
.....uacccuUuagauccgggcuuuug.....	1	1	c04
.....Gacccuguagauccgggcuuuug.....	15	1	c04
.....uacAcuguagauccgggcuuuug.....	3	1	c04
.....uacccuguagauccgggcuuuCg.....	1	1	c04
.....uacccGguagauccgggcuuuug.....	1	1	c04
.....uacccuguagauccgggcGuuug.....	1	1	c04
.....uacccuguagaucAgggcuuuug.....	2	1	c04
.....uacccuguagaucUgggcuuuug.....	1	1	c04
.....uacccuguagauccgUgcuuuug.....	1	1	c04
.....uacccuCuagauccgggcuuuug.....	1	1	c04
.....uacccuguagauccgggcuuuugu.....	10	0	c04
.....uacccuguagauccgggcuuuugG.....	9	1	c04
.....uacccuguagauccgggcuuuugA.....	17	1	c04
.....uacccuguagauccgggcuuuugua.....	1	0	c04
.....uacccuguagauccgggcuuuugAa.....	3	1	c04
.....acccuguagauccgggcu.....	7	0	c04
.....Ccccuguagauccgggcu.....	7	1	c04
.....Ccccuguagauccgggcuu.....	1	1	c04
.....acccuguagauccgggcuu.....	7	0	c04
.....accUuguagauccgggcuu.....	1	1	c04
.....Ccccuguagauccgggcuuu.....	2	1	c04
.....acccuguagauccgUgcuuu.....	1	1	c04
.....acccuguagauccgggcuuu.....	3	0	c04
.....acccuguagauccgggcuuuu.....	28	0	c04
.....Ccccuguagauccgggcuuuu.....	11	1	c04
.....acAcuguagauccgggcuuuu.....	1	1	c04
.....Ccccuguagauccgggcuuuug.....	65	1	c04
.....acccuguagauccCggcuuuug.....	1	1	c04
.....acccuguagauccgggcuuuug.....	206	0	c04
.....acccuguagauccgggcuuuuU.....	1	1	c04
.....acccuguagauccgggcuuuuA.....	1	1	c04
.....acccuCuagauccgggcuuuug.....	1	1	c04
.....acccuguagauccggCcuuuug.....	1	1	c04
.....Ccccuguagauccgggcuuuugu.....	2	1	c04
.....acccuguagauccgggcuuuugG.....	1	1	c04
.....acccuguagauccgggcuuuugA.....	6	1	c04
.....acccuguagauccgggcuuuugu.....	4	0	c04
.....acccuguagauccgggcuuuugAa.....	3	1	c04
.....cccuguagauccgggcuuuug.....	1	0	c04
.....ccuguagauccUggcuuuu.....	1	1	c04
.....ccuguagauccgggcuuuu.....	1	0	c04
.....ccuguagauccgggcuuuug.....	3	0	c04
.....cuguagauccgggcuuuug.....	3	0	c04
.....uguagauccgggcuuuug.....	8	0	c04
.....uguagauccgggcuuuugA.....	2	1	c04
.....gaagcucgucucuacagg.....	7	0	c04
.....gaagcucgucucuacaggu.....	11	0	c04
.....gaagcucgucucuacaggua.....	12	0	c04
.....gaagcucgGcucuacagguau.....	1	1	c04
.....gaagcucgucucuacagguau.....	7	0	c04
.....gaaAcucgucucuacagguau.....	1	1	c04
.....gaagcucgucucuUcagguauc.....	1	1	c04
.....gaagcucgucucuacagguauc.....	56	0	c04
.....gaagcuAgucucuacagguauc.....	1	1	c04
.....gaagcucguUucuacagguaucu.....	1	1	c04
.....gaagcucgucucuacagguaucA.....	5	1	c04
.....gaagcucgucucuacagguaucu.....	275	0	c04

Mature Star

auuauggcacauucgugaucuacccuguagauccgggcuuuuguaguuuaguucacaucagaagcucgucucuacagguaucucacggcuggaagaccucgcuacuaacgguu

.....gaagcucgucucuacCgguaucu.....	1	1	c04
.....gaagcucgucucCacagguaucu.....	1	1	c04
.....gaagcucgucucuacaUguaucu.....	1	1	c04
.....gCagcucgucucuacagguaucu.....	1	1	c04
.....gaagcucgucucuacaCguaucu.....	1	1	c04
.....gaagcuAgucucuacagguaucu.....	1	1	c04
.....gaagcucgucucuacagguaucuU.....	2	1	c04
.....gaagcucgucucuacagguaucuG.....	1	1	c04
.....gaagcucgucucuacagguaucuA.....	27	1	c04
.....gaagcucgucucuacagguaucuc.....	2	0	c04
.....gaagcucgucucuacagguaucuAa.....	6	1	c04
.....gaagcucgucucuacagguaucuca.....	1	0	c04
.....gcucgucucuacagguaucuA.....	1	1	c04
.....cucgucucuacagguauc.....	1	0	c04

.....ucuacccuguagauccgggcuuuug.....	1	0	c16
.....cuacccuguagauccggg.....	2	0	c16
.....cuacccuguagauccgggc.....	9	0	c16
.....cuacccuguagauccgggcu.....	9	0	c16
.....cuacccuguagauccgggcuu.....	4	0	c16
.....cuacccuguagauccgggcuuu.....	22	0	c16
.....cuacccuguagauccgggcuuuA.....	2	1	c16
.....cuacccuguagauccgCgcuuuu.....	1	1	c16
.....cuacccugCagauccgggcuuuu.....	1	1	c16
.....cuacccAguagauccgggcuuuu.....	1	1	c16
.....cuaccguagauccgggcuuuu.....	101	0	c16
.....cuaccguagauccgggcuuuug.....	142	0	c16
.....cuGcccuguagauccgggcuuuug.....	2	1	c16
.....cuacccuguagauccgggcuuuuA.....	2	1	c16
.....cuacccuguagauccgggcuuGug.....	1	1	c16
.....Auacccuguagauccgggcuuuug.....	1	1	c16
.....cuacccuguagaucAgggcuuuug.....	3	1	c16
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.....cuacccuguagCuccgggcuuuug.....	2	1	c16
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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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.....uCcccuguagauccgggcuuuugu.....	4	1	c02
.....uacccuguagauccgggcuuuuAu.....	7	1	c02
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.....uacccuguagauccgggcuuuuUua.....	1	1	c02
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.....acccuguagCuccgggcuuuug.....	8	1	c02

Mature Star

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.....agaagcucgucucuacagguauU.....	1	1	c02
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Mature Star

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.....gaaUcucgucucuacagg.....	1	1	c02
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.....gaagcucgucucuacaAgu.....	1	1	c02
.....gaagcAcgucucuacaggu.....	1	1	c02
.....gaaCcucgucucuacaggu.....	1	1	c02
.....gaagcucgucucuacaggA.....	1	1	c02
.....Uaagcucgucucuacaggu.....	2	1	c02
.....gaagcucgucucuacGggu.....	1	1	c02
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Mature Star

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.....cuacccuguagauccgggcuuuuU.....	4	1	c15
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Mature Star

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.....uacccuguagauccgggcuuuAg.....	1	1	c15
.....uGcccuguagauccgggcuuuug.....	2	1	c15
.....uacccCguagauccgggcuuuug.....	1	1	c15
.....uacccuguagauccCggcuuuug.....	1	1	c15
.....uacccuguagauccgggcAuuug.....	1	1	c15
.....uacccuguagaucUgggcuuuug.....	1	1	c15
.....uacccuguagauccgggcuuuuU.....	34	1	c15
.....uacccuguagauccgggcuuGug.....	1	1	c15
.....uacccuguagauccgUgcuuuug.....	1	1	c15
.....uacccAguagauccgggcuuuug.....	3	1	c15
.....Cacccuguagauccgggcuuuug.....	3	1	c15
.....uacccuguagauccggUcuuuug.....	1	1	c15
.....uacccugGagauccgggcuuuug.....	3	1	c15
.....uaccUuguagauccgggcuuuug.....	2	1	c15
.....uacccuguagauccgggcuuuug.....	3782	0	c15
.....uacccuguagauccgggcuGuug.....	1	1	c15
.....uacccuguagauccgggcGuuug.....	1	1	c15
.....uaccuguUgauccgggcuuuug.....	1	1	c15
.....uacccuguagauccgggcuuAug.....	1	1	c15
.....uacccuguaCauccgggcuuuug.....	1	1	c15
.....uacccuguagauccgggcuuuuC.....	4	1	c15
.....uacccuguagauccgggcuuuuA.....	134	1	c15
.....uacUcuguagauccgggcuuuug.....	2	1	c15
.....uUcccuguagauccgggcuuuug.....	2	1	c15
.....uacccuguagauAcgggcuuuug.....	1	1	c15
.....uacccuguagauUcgggcuuuug.....	1	1	c15
.....uacccuguagauccgggcuuuugu.....	331	0	c15
.....uacccuguagauccgggcuuuuUu.....	1	1	c15
.....uacccuguagauUcgggcuuuugu.....	1	1	c15
.....uacccuguagauccgggcuuuugG.....	3	1	c15
.....uacccuguagauccgggcuuuugA.....	56	1	c15
.....uacccuguagauccUggcuuuugu.....	1	1	c15
.....uacccCguagauccgggcuuuugu.....	1	1	c15
.....uacccuguagauccgggcuuuugC.....	14	1	c15
.....uacccuguagauccgggcuuuuguU.....	25	1	c15
.....uacccuguagauccgggcuuuugCa.....	1	1	c15
.....uacccuguagauccgggcuuuugua.....	6	0	c15
.....uacccuguagauccgggcuuuuguaA.....	1	1	c15
.....acccuguagauccgggcA.....	1	1	c15
.....acccuguagauccgggcu.....	2	0	c15
.....acccuguagauccgggcuu.....	2	0	c15
.....acccuguagauccgggcuuu.....	19	0	c15
.....acccuguagauccgggcuuGu.....	1	1	c15
.....Ucccuguagauccgggcuuuu.....	2	1	c15
.....acccuguagauccgggcuuuC.....	1	1	c15
.....acccuguagauccgggcuuuu.....	218	0	c15

Mature Star

auuauggcacauucgugaucuacccuguagauccgggcuuuuguaguuuaguucacaucagaagcucgucucuacagguaucucacggcuggaagaccucgcuacuaacgguu

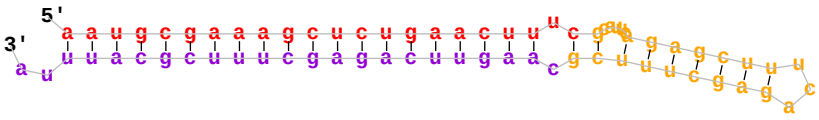
.....acccuguagauccgggcuuuA.....	1	1	c15
.....acccuguagauccgggcuuCu.....	1	1	c15
.....acccuguagauccgggcuuCug.....	1	1	c15
.....acccuguagauAcgggcuuuug.....	2	1	c15
.....aAccuguagauccgggcuuuug.....	2	1	c15
.....acccuguagUuccgggcuuuug.....	2	1	c15
.....acccuguagauccgggcuuuGg.....	1	1	c15
.....acccuguGgauccgggcuuuug.....	1	1	c15
.....acccugGagauccgggcuuuug.....	1	1	c15
.....acccuguagauccgggUuuuug.....	1	1	c15
.....acccuguagCuccgggcuuuug.....	1	1	c15
.....acccCguagauccgggcuuuug.....	2	1	c15
.....acccuguagauccgCgcuuuug.....	1	1	c15
.....acccuguagaucAgggcuuuug.....	2	1	c15
.....acccuguagauccgggcuuuCg.....	3	1	c15
.....acccuguagauccgggcuuuuU.....	13	1	c15
.....acccuguagauUcgggcuuuug.....	1	1	c15
.....acccuguagauccgggcuCuug.....	1	1	c15
.....acccGguagauccgggcuuuug.....	1	1	c15
.....Ccccuguagauccgggcuuuug.....	1	1	c15
.....accAuguagauccgggcuuuug.....	2	1	c15
.....acccuAuagauccgggcuuuug.....	1	1	c15
.....aUccuguagauccgggcuuuug.....	2	1	c15
.....acccuguagauccgUgcuuuug.....	3	1	c15
.....acccuguagauccgggcCuuug.....	1	1	c15
.....acUcuguagauccgggcuuuug.....	2	1	c15
.....acccuguagauccggAcuuuug.....	1	1	c15
.....Gcccuguagauccgggcuuuug.....	2	1	c15
.....acccuguagauccgggcuuuAg.....	1	1	c15
.....Ucccuguagauccgggcuuuug.....	2	1	c15
.....acccuguagauccgggcuuuuA.....	101	1	c15
.....acGcuguagauccgggcuuuug.....	1	1	c15
.....acccuguaAauccgggcuuuug.....	1	1	c15
.....aGccuguagauccgggcuuuug.....	5	1	c15
.....acccuguagauccgggcuuuug.....	3140	0	c15
.....acccuUuagauccgggcuuuug.....	2	1	c15
.....acccuguagGuccgggcuuuug.....	1	1	c15
.....acccuguagauccgggAuuuug.....	2	1	c15
.....acccuguagauccgggcuuuuC.....	9	1	c15
.....acccuguagauccgggcuuGug.....	1	1	c15
.....acccuguagaucUgggcuuuug.....	1	1	c15
.....acccugCagauccgggcuuuug.....	1	1	c15
.....acccugAagauccgggcuuuug.....	1	1	c15
.....accUuguagauccgggcuuuug.....	1	1	c15
.....acccuguagauccgggcuuuugu.....	401	0	c15
.....acccuguagUuccgggcuuuugu.....	1	1	c15
.....acccuguagauccgggcuuuugG.....	1	1	c15
.....acccuguagauccgggcuuuugA.....	61	1	c15
.....acccuguagauccgggcuuuuUu.....	3	1	c15
.....acccuguagauccgggcuuuugC.....	16	1	c15
.....acccuUuagauccgggcuuuugu.....	1	1	c15
.....acccuguagauccgggcuuuugAa.....	3	1	c15
.....acccuguagauccgggcuuuugua.....	7	0	c15
.....acccuguagauccgggcuuuuguU.....	46	1	c15
.....acccuguagauccgggcuuuugCa.....	4	1	c15
.....acccuguagauccgggcuuuuguaU.....	2	1	c15
.....acccuguagauccgggcuuuuguaC.....	1	1	c15
.....acccuguagauccgggcuuuuguaUu.....	1	1	c15
.....cccuguagauccgggcuuuuA.....	2	1	c15
.....cccuguagauccgggcuuuug.....	4	0	c15
.....ccuUuagauccgggcuuuug.....	1	1	c15
.....ccuguagauccgggcuuuug.....	6	0	c15
.....cuguagauccgggcuuuug.....	1	0	c15
.....cuguagauccgggcuuuugu.....	1	0	c15
.....uguagauccgggcuuuug.....	2	0	c15
.....uguagauccgggcuuuugu.....	1	0	c15
.....agaUgcucgucucuacagguau.....	1	1	c15
.....gaagcucguUucuacaggua.....	1	1	c15
.....gaagcucgucucuacaggua.....	2	0	c15
.....gaGgcucgucucuacagguau.....	1	1	c15

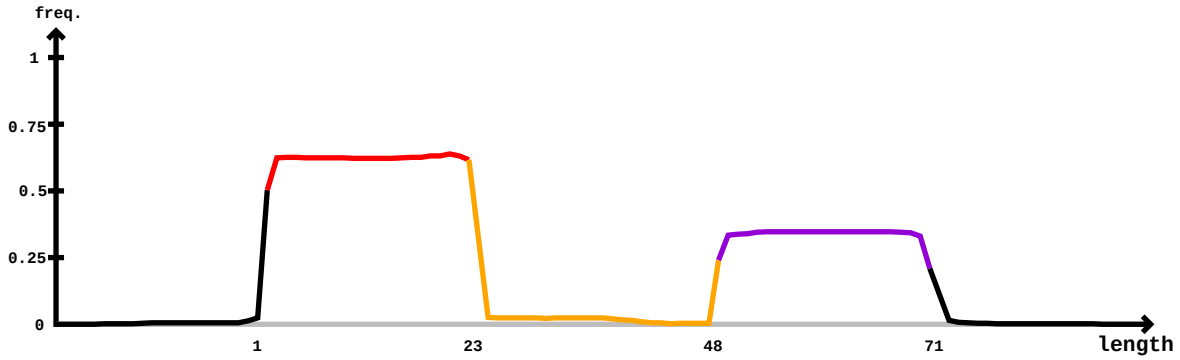
Mature Star

auuauggcacauucgugaucuacccuguagauccgggcuuuuguaguuuaguucacaucagaagcucgucucuacagguaucucacggcuggaagaccucgcuacuaacgguu

.....gaagcucgucucuacagguau.....	2	0	c15
.....Uaagcucgucucuacagguau.....	1	1	c15
.....gaagcucgucucuacagguauc.....	28	0	c15
.....gaagcucgucucuacagguaucA.....	11	1	c15
.....gaagcucgucucuacagguaucC.....	1	1	c15
.....gaagcucgucucuacagguaucu.....	204	0	c15
.....Uaagcucgucucuacagguaucu.....	2	1	c15
.....gaagcucgucucGacagguaucu.....	1	1	c15
.....gaagcucgucucuacagguaucuA.....	1	1	c15
.....gaagcucgucucuacagguaucuU.....	4	1	c15
.....aagcucgucucuacagguaucu.....	1	0	c15

Provisional ID	:	group7_12839
Score total	:	271.1
Score for star read(s)	:	3.9
Score for read counts	:	263.7
Score for mfe	:	2.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	529
Mature read count	:	338
Loop read count	:	4
Star read count	:	187





Mature **Star**

```
5'- gauugaugcgaaguggcguaaaugcgaaagcucugaacuuucgcauucagagcuuucagagcuuucgcaaguucagagcuuucgcauuuacuccacuuugcacuggcaccgu  -3'   obs
    gauugaugcgaaguggcguaaaugcgaaagcucugaacuuucgcauucagagcuuucagagcuuucgcaaguucagagcuuucgcauuuacuccacuuugcacuggcaccgu        exp
    ......((((((((((.(((((((((((((((((((((((.((.....(((((((...)))))))).)))))))))))))))))))))).)))))))))).........   reads    mm    sample
    ...ugaugcgaUguggcguaaaug.....................................................................................   1        1     c04

    ..................uaaaugcgaCagcucugaacuuucgc.....................................................................   1        1     c16
    ...........................................................uucagagcuuucgcauuuacGccac..............   1        1     c16

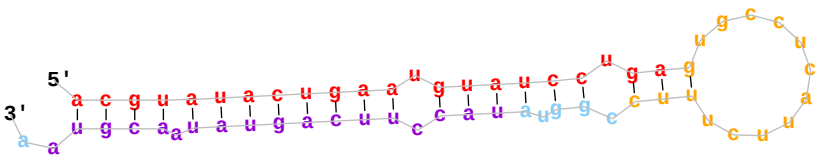
    .......gcgaaguggcguaaaugcgaaa.................................................................................   1        0     c15
    ........cgaaguggcguaaaugcgaa...................................................................................   1        0     c15
    ..................uGaaugcgaaagcucugaacuu........................................................................   1        1     c15
    ..................uaaaugcgaaagcucugaacuu........................................................................   2        0     c15
    ...................aaaugcgaaagcucugaacuu........................................................................   1        0     c15
    ...................aaaugcgaaagcucugaacuuu.......................................................................   4        0     c15
    ...................aaaugcgaaagcucugaacuuuU......................................................................   1        1     c15
    ...................aaugcgaaagcucugaacuu.........................................................................   1        0     c15
    ...................aaugcgaaagcucugaacuuu........................................................................   4        0     c15
    ...................aaugcgaaagcucugaacuuuU.......................................................................   1        1     c15
    ...................aaAgcgaaagcucugaacuuuc.......................................................................   1        1     c15
    ...................aaugcgaaagcucugaacuGuc.......................................................................   1        1     c15
    ...................aaugcgaaagcucugaacuuuc.......................................................................   153      0     c15
    ...................aaugcgaaagcucugCacuuucg......................................................................   1        1     c15
    ...................aaugcgaaagcucugaacuuucU.....................................................................   5        1     c15
    ...................aaugcgaaagcucugaacuuucA.....................................................................   2        1     c15
    ...................aaugcgaaagcucugaacuuucg.....................................................................   92       0     c15
    ....................augcgaaagAucugaacuuuc.......................................................................   1        1     c15
    ....................augcgaaagcucugaacuuuc.......................................................................   20       0     c15
    ....................augcgaaUgcucugaacuuuc.......................................................................   1        1     c15
    ....................augcgaaagcucugaacuuucg......................................................................   42       0     c15
    ....................augcgaaagcucugaacuuucA......................................................................   2        1     c15
    .....................ugcgaaagcucugaacuuucg......................................................................   1        0     c15
    ........................Ggcucugaacuuucgcauuca.....................................................................   1        1     c15
    ..............................gaacuuucgcauucagagcuuu.............................................................   1        0     c15
    ...............................aacuuucgcauucagagcuuu.............................................................   1        0     c15
    ..................................cuuucgcauucagagcuuuc...........................................................   2        0     c15
    ..................................cuuucgcauucagagcuuuca..........................................................   1        0     c15
```

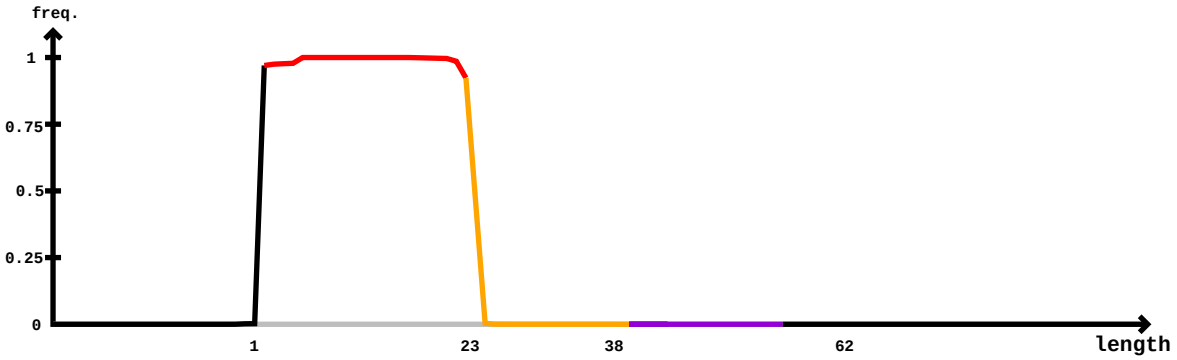
Mature Star

gauugaugcgaaguggcguaaaugcgaaagcucugaacuuucgcauucagagcuuucagagcuuucgcaaguucagagcuuucgcauuuacuccacuuugcacuggcaccgu

.....uucgcauucagagcuuucag.....	3	0	c15
.....uucgcauucagagcuuucaga.....	1	0	c15
.....ucgcauucagagcuuucaga.....	1	0	c15
.....gcauucagagcuuucagagc.....	2	0	c15
.....agcuuucagagcuuucgcaaU.....	1	1	c15
.....uucgcaaguucagagcuuucgcU.....	1	1	c15
.....caaguucagagcuuucgca.....	1	0	c15
.....caaguucagagcuuucgcau.....	1	0	c15
.....caaguucagagcuuucgcauu.....	5	0	c15
.....caaguucGgagcuuucgcauu.....	1	1	c15
.....Uaaguucagagcuuucgcauuu.....	1	1	c15
.....caaguucagagcuuucgcauuA.....	1	1	c15
.....caaguucagagcuuucgcauuu.....	49	0	c15
.....caaguucaUagcuuucgcauuu.....	1	1	c15
.....caaguucagagcuuucgcauuuU.....	6	1	c15
.....caaguucagagcuuucgcauuuG.....	1	1	c15
.....cCaguucagagcuuucgcauuua.....	1	1	c15
.....caaguucagagcuuucgcauuua.....	52	0	c15
.....caaguucagagcuuucgcauuuaA.....	2	1	c15
.....caaguucagagcuuucgcauuuaU.....	6	1	c15
.....caaguucagagcuuucgcauuuaUu.....	1	1	c15
.....aaguucagagcuuucgcauu.....	1	0	c15
.....aaguucagagcuuucgcauuu.....	13	0	c15
.....aGguucagagcuuucgcauuu.....	1	1	c15
.....aaguucagagcuuucgcauuCa.....	1	1	c15
.....aaguucagagcuuucgcauuua.....	31	0	c15
.....aaguucagagcuuucgcauuuac.....	1	0	c15
.....aaguucagagcuuucgcauuuaU.....	3	1	c15
.....aguucagagcuuucgcauuuGc.....	1	1	c15
.....aguucagagcuuucgcauuuac.....	1	0	c15
.....guucagagcuuucgcauuuacu.....	1	0	c15
.....uucagagcuuucgcauuuacu.....	2	0	c15
.....uucagagcuuucgcauuuacuc.....	1	0	c15
.....ucagagcuuucgcauuuacucc.....	1	0	c15
.....uuuGcuccacuuugcacuggc.....	1	1	c15

Provisional ID	:	group7_12841
Score total	:	4.6
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	26371
Mature read count	:	26370
Loop read count	:	0
Star read count	:	1





Mature **Star**

```
5'- gagaacgcgucgccuucugu acguauacugaauguauccuga gugccucauucuuuccggua uaccuucaguauaacgua acagaagaugacacuugccaccgcugccgaag -3'   obs
    gagaacgcgucgccuucugu acguauacugaauguauccuga gugccucauucuuuccggua uaccuucaguauaacgua cagaagaugacacuugccaccgcugccgaag       exp
    ......(.((((.((((((((((((((((((.(((((((.(((...........))).)).)))).)))))))).)))).)))))))).)))).)..((....)).........  reads     mm        sample
    ....................acguauacugaauguauccu.....................................................................................  1         0         c02
    ....................acguauacugaauguaucAu.....................................................................................  1         1         c02
    ....................Ccguauacugaauguauccug....................................................................................  2         1         c02
    ....................acguauacugaauguaucAug....................................................................................  1         1         c02
    ....................acguauacugaauguauccug....................................................................................  11        0         c02
    ....................acguauacAgaauguauccuga...................................................................................  1         1         c02
    ....................Gcguauacugaauguauccuga...................................................................................  1         1         c02
    ....................acguauacugaauguauccuga...................................................................................  204       0         c02
    ....................acguauacugaauguaucUuga...................................................................................  1         1         c02
    ....................aAguauacugaauguauccuga...................................................................................  1         1         c02
    ....................acguauacugaauguauccCga...................................................................................  1         1         c02
    ....................Ccguauacugaauguauccuga...................................................................................  17        1         c02
    ....................acguauacugaaugAauccuga...................................................................................  1         1         c02
    ....................acCuauacugaauguauccuga...................................................................................  1         1         c02
    ....................acguauacugaauguauccuCa...................................................................................  1         1         c02
    ....................acguauacugaauguauccugaC..................................................................................  1         1         c02
    ....................acguauacugaauguauccugaU..................................................................................  1         1         c02
    ....................Ccguauacugaauguauccugag..................................................................................  1         1         c02
    ....................acguauacugaauguauccugaA..................................................................................  2         1         c02
    ......................Gauacugaauguauccuga.....................................................................................  1         1         c02
    ......................auacugaauguauccuga......................................................................................  10        0         c02

    ....................acguauacugaauguauccug....................................................................................  1         0         c15
    ....................acguauacugaauguauccuga...................................................................................  12        0         c15
    ....................acguauacugaauguauccuAa...................................................................................  1         1         c15
    ....................acguauacugaauguauccugaU..................................................................................  1         1         c15
    ..............................................................uaccuucaguauaacAua.....................................  1         1         c15

    ..............ucuguacguauacugaauguauccuga...................................................................................  1         0         c16
    ................guacguauacugaaGgua.....................................................................................  19        1         c16
    ................Auacguauacugaauguau.....................................................................................  1         1         c16
    ................guacguauacugaaGguau.....................................................................................  24        1         c16
    ................guacguauacugaauguauccuU.................................................................................  1         1         c16
```

Mature Star

gagaacgcgucgccuucuguacguauacugaauguauccugagugccucauucuuuccgguauaccuucaguauaacguaacagaagaugacacuugccaccgcugccgaag

.....uacguauacugaauguauccu.....	1	0	c16
.....Cacguauacugaauguauccug.....	1	1	c16
.....Cacguauacugaauguauccuga.....	6	1	c16
.....uUcguauacugaauguauccuga.....	1	1	c16
.....acguauacugaauguauc.....	17	0	c16
.....Ccguauacugaauguauc.....	6	1	c16
.....acguauacugaauguaucc.....	16	0	c16
.....acguauacugaaugAaucc.....	1	1	c16
.....Ccguauacugaauguaucc.....	7	1	c16
.....acguauacugaauCuauccu.....	1	1	c16
.....aAguauacugaauguauccu.....	1	1	c16
.....Ccguauacugaauguauccu.....	32	1	c16
.....acguauacugaauUuauccu.....	1	1	c16
.....acguauacugaaCguauccu.....	1	1	c16
.....acguauacugaauguauccu.....	212	0	c16
.....acguauacugaauguauccuC.....	1	1	c16
.....acguauacugaauguauUcug.....	2	1	c16
.....acCuauacugaauguauccug.....	1	1	c16
.....acguauacugaauguauAcug.....	2	1	c16
.....acguauacugaauguaucAug.....	3	1	c16
.....acguauacuUaauguauccug.....	1	1	c16
.....acguauacugaauguauccuA.....	1	1	c16
.....acguauacugaauguaAccug.....	1	1	c16
.....aAguauacugaauguauccug.....	2	1	c16
.....acguauaUugaauguauccug.....	2	1	c16
.....acguauacugaauCuauccug.....	3	1	c16
.....acguauacugaauguCuccug.....	1	1	c16
.....acguauacugaauguaCccug.....	1	1	c16
.....acguaAacugaauguauccug.....	1	1	c16
.....acguauacugaauguauccCg.....	1	1	c16
.....acguauacugaauguauccuU.....	1	1	c16
.....Ccguauacugaauguauccug.....	245	1	c16
.....Gcguauacugaauguauccug.....	1	1	c16
.....acgCauacugaauguauccug.....	1	1	c16
.....acguauacugaaugAauccug.....	2	1	c16
.....acguauacugaauUuauccug.....	1	1	c16
.....acguauacugaauguauccug.....	1235	0	c16
.....acguauacugaauguauccuAa.....	3	1	c16
.....acguauacugaauguaucAuga.....	50	1	c16
.....acguauacugCauguauccuga.....	6	1	c16
.....acguauacugaauguauccGga.....	1	1	c16
.....acAuauacugaauguauccuga.....	7	1	c16
.....acguauacugaaCguauccuga.....	6	1	c16
.....acguauacugaauguauccugG.....	10	1	c16
.....acguauacugaauUuauccuga.....	8	1	c16
.....acguauacugaauguauccCga.....	10	1	c16
.....acguaCacugaauguauccuga.....	7	1	c16
.....acguauGcugaauguauccuga.....	1	1	c16
.....acguauacugaaAguauccuga.....	13	1	c16
.....acguauacuUaauguauccuga.....	2	1	c16
.....acguaGacugaauguauccuga.....	4	1	c16
.....acguauacugaauguaCccuga.....	4	1	c16
.....Ucguauacugaauguauccuga.....	3	1	c16
.....acguauacugaaugAauccuga.....	9	1	c16
.....aUguauacugaauguauccuga.....	12	1	c16
.....acguauacuAaauguauccuga.....	3	1	c16
.....acguauacugaauguauccugC.....	9	1	c16
.....acguauacugaauguaAccuga.....	12	1	c16
.....acguauacugaaugCauccuga.....	8	1	c16
.....acguauacuCaauguauccuga.....	16	1	c16
.....Ccguauacugaauguauccuga.....	2608	1	c16
.....acguauacugaauguauccuUa.....	6	1	c16
.....aAguauacugaauguauccuga.....	23	1	c16
.....acguGuacugaauguauccuga.....	4	1	c16
.....acguauacugaaGguauccuga.....	4	1	c16
.....acguauaAugaauguauccuga.....	21	1	c16
.....acguauacugaauguauccuCa.....	13	1	c16
.....acguauacugaauguauUcuga.....	2	1	c16
.....acguauacugaGuguauccuga.....	4	1	c16
.....acguauacugaauCuauccuga.....	33	1	c16

Mature Star

gagaacgcgucgccuucuguacguauacugaauguauccugagugccucauucuuuccgguauaccuucaguauaacguaacagaagaugacacuugccaccgcugccgaag

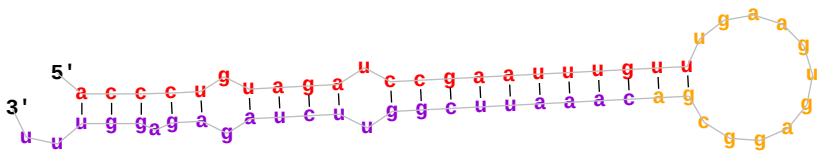
.....Gcguauacugaauguauccuga.....	12	1	c16
.....acguauacugaauguCuccuga.....	2	1	c16
.....acguauacugaauguauccAga.....	14	1	c16
.....acguauUcugaauguauccuga.....	2	1	c16
.....acguauacugaauguGuccuga.....	2	1	c16
.....acguauacugaauguauAcuga.....	59	1	c16
.....acguauacugGauguauccuga.....	9	1	c16
.....acguauacugaauguauccugU.....	68	1	c16
.....acguaAacugaauguauccuga.....	19	1	c16
.....acguauacugaauguaucGuga.....	3	1	c16
.....acguauacGgaauguauccuga.....	3	1	c16
.....acguauacugaauguauGcuga.....	2	1	c16
.....acguauacugaauguauccuga.....	18208	0	c16
.....acguauCcugaauguauccuga.....	2	1	c16
.....acguauacugaauguUuccuga.....	1	1	c16
.....acguauacugaUuguauccuga.....	8	1	c16
.....acgAauacugaauguauccuga.....	9	1	c16
.....acUuauacugaauguauccuga.....	16	1	c16
.....acguUuacugaauguauccuga.....	2	1	c16
.....acguauacAgaauguauccuga.....	5	1	c16
.....acguauacCgaauguauccuga.....	8	1	c16
.....acguauacugaauguaGccuga.....	1	1	c16
.....acguauacugaauAuauccuga.....	4	1	c16
.....acguauacugaauguaucUuga.....	6	1	c16
.....acCuauacugaauguauccuga.....	32	1	c16
.....acguauacugaCuguauccuga.....	1	1	c16
.....acguauaGugaauguauccuga.....	1	1	c16
.....acguauaUugaauguauccuga.....	5	1	c16
.....acguauacugaauguauccugaA.....	156	1	c16
.....acguauacugaauguauccugag.....	30	0	c16
.....acguauacugaauguauccugaU.....	297	1	c16
.....Ccguauacugaauguauccugag.....	4	1	c16
.....acguauacugaauguauccugaC.....	11	1	c16
.....acguauacugaauguauccugaAu.....	10	1	c16
.....acguauacugaauguauccugagG.....	1	1	c16
.....acguauacugaauguauccugagu.....	3	0	c16
.....acguauacugaauguauccugagC.....	2	1	c16
.....acguauacugaauguauccugagA.....	1	1	c16
.....acguauacugaauguauccugaUu.....	53	1	c16
.....acguauacugaauguauccugagug.....	2	0	c16
.....acguauacugaauguauccugagGg.....	1	1	c16
.....acguauacugaauguauccugaguA.....	1	1	c16
.....acguauacugaauguauccugaUug.....	1	1	c16
.....acguauacugaauguauccugagugc.....	1	0	c16
.....acguauacugaauguauccugagAgcc.....	1	1	c16
.....acguauacugaauguauccugagugUc.....	1	1	c16
.....acguauacugaauguauccugagugccuc.....	1	0	c16
.....acguauacugaauguauccugagugccucauucuuuc.....	3	0	c16
.....Ccguauacugaauguauccugagugccucauucuuuc.....	1	1	c16
.....cguauacugaauCuauccug.....	1	1	c16
.....cguauacugaauguauccug.....	13	0	c16
.....Aguauacugaauguauccuga.....	1	1	c16
.....cguauacugaauguauccuga.....	71	0	c16
.....cguauacugaauguauccugag.....	1	0	c16
.....cguauacugaauguauccugaA.....	11	1	c16
.....cguauacugaauguauccugaU.....	22	1	c16
.....cguauacugaauguauccugagu.....	1	0	c16
.....cguauacugaauguauccugaUu.....	6	1	c16
.....cguauacugaauguauccugaAu.....	1	1	c16
.....guauacugaauguauccug.....	1	0	c16
.....guUuacugaauguauccuga.....	1	1	c16
.....Uuauacugaauguauccuga.....	1	1	c16
.....guauacugaauguauccuga.....	30	0	c16
.....guauacugaauguauccugaU.....	10	1	c16
.....Gauacugaauguauccug.....	1	1	c16
.....uauacugaauguauccug.....	1	0	c16
.....uauacugaauguauccuga.....	23	0	c16
.....Gauacugaauguauccuga.....	6	1	c16
.....uauacCgaauguauccuga.....	1	1	c16
.....uauacugaauguauccugaU.....	4	1	c16

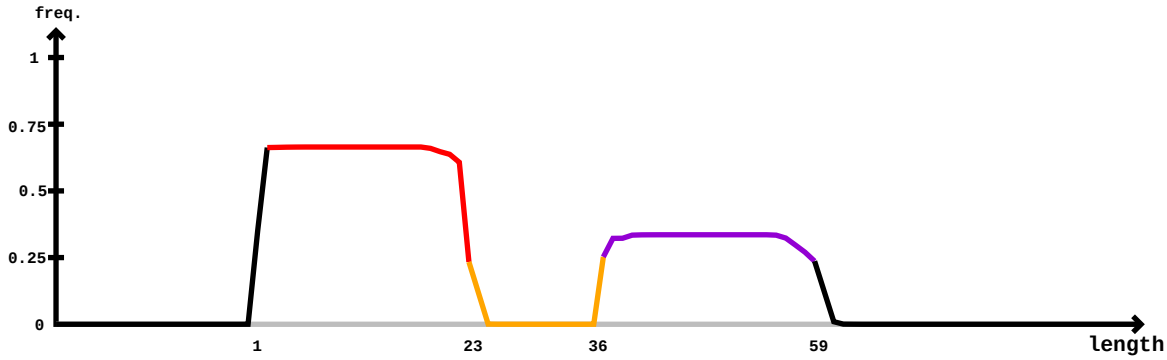
Mature Star

gagaacgcgucgccuucuguacguauacugaauguauccugagugccucauucuuuccgguauaccuucaguauaacguaacagaagaugacacuugccaccgcugccgaag

.....auacugaauguUuccuga.....	2	1	c16
.....auacuAaauguauccuga.....	1	1	c16
.....auacAgaauguauccuga.....	1	1	c16
.....Cuacugaauguauccuga.....	16	1	c16
.....auacugaauguaucAuga.....	5	1	c16
.....auacugaaugCauccuga.....	3	1	c16
.....auacugaauguauccuga.....	469	0	c16
.....auacugaauguauccugU.....	2	1	c16
.....auacugaauguauccuCa.....	1	1	c16
.....auacugaaugAauccuga.....	1	1	c16
.....auacuCaauguauccuga.....	1	1	c16
.....auacugaauguauAcuga.....	2	1	c16
.....auacugaauCuauccuga.....	2	1	c16
.....auacugaauguauccugaA.....	2	1	c16
.....auacugaauguauccugaU.....	4	1	c16
.....auacugaauguauccugaUu.....	1	1	c16
.....auacugaauguauccugagu.....	1	0	c16
.....Gguacguauacugaauguauccuga.....	1	1	c04
.....guacguauacugaauguauccu.....	1	0	c04
.....acguauacugaauguauc.....	1	0	c04
.....acguauacugaauguauccu.....	16	0	c04
.....acguauacugaauCuauccug.....	1	1	c04
.....acguauacugaauguauccug.....	71	0	c04
.....Ccguauacugaauguauccug.....	5	1	c04
.....acguauacugaaAguauccuga.....	1	1	c04
.....acguauacugaauguauccuga.....	956	0	c04
.....acguauacugaauguauAcuga.....	2	1	c04
.....acCuauacugaauguauccuga.....	2	1	c04
.....acgAauacugaauguauccuga.....	2	1	c04
.....acguauacCgaauguauccuga.....	1	1	c04
.....aAguauacugaauguauccuga.....	2	1	c04
.....acguauacugaauguauccugU.....	3	1	c04
.....Ccguauacugaauguauccuga.....	59	1	c04
.....acUuauacugaauguauccuga.....	2	1	c04
.....acguauacugaauCuauccuga.....	1	1	c04
.....acguauacugaauguauccugaU.....	16	1	c04
.....acguauacugaauguauccugaA.....	17	1	c04
.....acguauacugaauguauccugaC.....	1	1	c04
.....acguauacugaauguauccugag.....	4	0	c04
.....cguauacugaauguauccuga.....	1	0	c04
.....Uguauacugaauguauccuga.....	1	1	c04
.....Auauacugaauguauccuga.....	1	1	c04
.....uauacugaauguauccuga.....	3	0	c04
.....auacugaauguauccuga.....	34	0	c04
.....Cuacugaauguauccuga.....	2	1	c04
.....auacugaauguauccugaU.....	1	1	c04
.....acguauacugaauguauc.....	1	0	c09
.....acguauacugaauguaucc.....	1	0	c09
.....acguauacugaauguauccu.....	5	0	c09
.....acguauacugaauguauccug.....	28	0	c09
.....acguauacugaGuguauccuga.....	1	1	c09
.....acguauacugaauguauccAga.....	1	1	c09
.....Ccguauacugaauguauccuga.....	14	1	c09
.....acCuauacugaauguauccuga.....	1	1	c09
.....acguauacugaauguauccuga.....	237	0	c09
.....acguauacugaauguauccugaU.....	1	1	c09
.....acguauacugaauguauccugaA.....	2	1	c09
.....cguauacugaauguauccug.....	1	0	c09
.....cCuauacugaauguauccuga.....	1	1	c09
.....cguauacugaauguauccuga.....	1	0	c09
.....uauacugaauguauccuga.....	1	0	c09
.....auacugaauguauccuga.....	10	0	c09

Provisional ID	:	group7_12843
Score total	:	641687.3
Score for star read(s)	:	3.9
Score for read counts	:	641677.2
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1258634
Mature read count	:	836383
Loop read count	:	0
Star read count	:	422251





Mature **Star**

```
5'- aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug  -3'   obs
    aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug        exp
    .....(((((((((((((..(((((.((((.((((((((((.....)))))))))).))))).)).)))..)))))).)...)))))).....................  reads   mm   sample
    ...............Gucuacccuguagauccgaauuugu.....................................................................  2       1    c02
    ...............Gucuacccuguagauccgaauuuguu....................................................................  1       1    c02
    ...............aAcuacccuguagauccgaauuuguu....................................................................  1       1    c02
    ...............ucuacccuguagauccgaauuug.......................................................................  3       0    c02
    ...............ucuacccuguagauccgaauuugu......................................................................  2       0    c02
    ...............ucuacccuguagauccgaauuuguu.....................................................................  1       0    c02
    ...............Gcuacccuguagauccgaauuuguu.....................................................................  1       1    c02
    ...............cuacccuguagauccgaauuug.......................................................................  1       0    c02
    ...............cuUcccuguagauccgaauuugu......................................................................  1       1    c02
    ...............Auacccuguagauccgaauuugu......................................................................  1       1    c02
    ...............cuacccuguagauccgaauuugu......................................................................  4       0    c02
    ...............Uuacccuguagauccgaauuugu......................................................................  2       1    c02
    ...............cGacccuguagauccgaauuugu......................................................................  1       1    c02
    ...............cGacccuguagauccgaauuuguu.....................................................................  1       1    c02
    ...............cuacccuguagauccgaauuuguu.....................................................................  1       0    c02
    ................uacccCguagauccgaau...........................................................................  1       1    c02
    ................uacccAguagauccgaau...........................................................................  1       1    c02
    ................uacccuguagaucAgaau...........................................................................  4       1    c02
    ................uacccuguagauccgaaA...........................................................................  3       1    c02
    ................uacccuguagauccAaau...........................................................................  1       1    c02
    ................uacccuguagauccgaau...........................................................................  2516    0    c02
    ................uaccUuguagauccgaau...........................................................................  1       1    c02
    ................uacAcuguagauccgaau...........................................................................  14      1    c02
    ................Aacccuguagauccgaau...........................................................................  15      1    c02
    ................uacccuguagauccgaaG...........................................................................  8       1    c02
    ................uacccuguagauAcgaau...........................................................................  3       1    c02
    ................uacccuguGgauccgaau...........................................................................  1       1    c02
    ................uaAccuguagauccgaau...........................................................................  4       1    c02
    ................uaccAuguagauccgaau...........................................................................  1       1    c02
    ................uacccuUuagauccgaau...........................................................................  1       1    c02
    ................uacccuguagCuccgaau...........................................................................  10      1    c02
    ................uacccuguagaGccgaau...........................................................................  2       1    c02
    ................uacccuCuagauccgaau...........................................................................  5       1    c02
```

Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....uacccuguagaucUgaau.....	3	1	c02
.....uaUccuguagauccgaau.....	2	1	c02
.....uacccuguagauccgaaC.....	5	1	c02
.....uacccuguagauccgGau.....	1	1	c02
.....uacccugAagauccgaau.....	1	1	c02
.....uCcccuguagauccgaau.....	9	1	c02
.....uUcccuguagauccgaau.....	2	1	c02
.....uacccuAuagauccgaau.....	2	1	c02
.....Gacccuguagauccgaau.....	174	1	c02
.....uacccuguUgauccgaau.....	1	1	c02
.....Cacccuguagauccgaau.....	1	1	c02
.....uGcccuguagauccgaau.....	1	1	c02
.....uacUcuguagauccgaau.....	2	1	c02
.....uacccuguagauccgaGu.....	3	1	c02
.....uacccuguagauccgCau.....	1	1	c02
.....uacccuguagaucGgaau.....	1	1	c02
.....uacccuguagauccgaCu.....	1	1	c02
.....uacccuguagauccCaau.....	2	1	c02
.....uCcccuguagauccgaauu.....	10	1	c02
.....uacccuguagCuccgaauu.....	9	1	c02
.....uaccAuguagauccgaauu.....	4	1	c02
.....uacGcuguagauccgaauu.....	3	1	c02
.....Gacccuguagauccgaauu.....	343	1	c02
.....uacccuguagauccCaauu.....	2	1	c02
.....uaccUuguagauccgaauu.....	1	1	c02
.....uacccuguagauccgaauC.....	4	1	c02
.....Aacccuguagauccgaauu.....	30	1	c02
.....uacccuguagauccgaaGu.....	7	1	c02
.....uacccuguagauccgaGuu.....	2	1	c02
.....uaUccuguagauccgaauu.....	3	1	c02
.....uacccugCagauccgaauu.....	1	1	c02
.....uacccuguagUuccgaauu.....	1	1	c02
.....uacccuCuagauccgaauu.....	6	1	c02
.....uacccuguagauccgaUuu.....	1	1	c02
.....uacccCguagauccgaauu.....	1	1	c02
.....uacccAguagauccgaauu.....	3	1	c02
.....uacccuguagauccgaaAu.....	5	1	c02
.....uacccuguaCauccgaauu.....	2	1	c02
.....uacccuguagaucUgaauu.....	2	1	c02
.....uacccuguagauGcgaauu.....	1	1	c02
.....uacccugGagauccgaauu.....	1	1	c02
.....Cacccuguagauccgaauu.....	3	1	c02
.....uacccuguagauUcgaauu.....	3	1	c02
.....uacUcuguagauccgaauu.....	3	1	c02
.....uacccuguagauAcgaauu.....	7	1	c02
.....uacccuguagauccgaauG.....	3	1	c02
.....uacccuguagauccgaauu.....	4655	0	c02
.....uacccuAuagauccgaauu.....	4	1	c02
.....uacccuguagauccAaauu.....	2	1	c02
.....uaAccuguagauccgaauu.....	2	1	c02
.....uacccugAagauccgaauu.....	2	1	c02
.....uacccuguagauccUaauu.....	1	1	c02
.....uacccuguagauccgaaCu.....	1	1	c02
.....uacccuguagaucAgaauu.....	9	1	c02
.....uacccuguagauccgaauA.....	8	1	c02
.....uacAcuguagauccgaauu.....	25	1	c02
.....uaccAuguagauccgaauuu.....	3	1	c02
.....uacccuguagGuccgaauuu.....	2	1	c02
.....uacccuguagauccgaauuu.....	3557	0	c02
.....uacccuguagauccgaUuuu.....	1	1	c02
.....uacccuguagCuccgaauuu.....	9	1	c02
.....uacccuguagauccgaaGuu.....	1	1	c02
.....uacccCguagauccgaauuu.....	3	1	c02
.....uacccuguagauccgaauuC.....	6	1	c02
.....uacccuguagaAccgaauuu.....	2	1	c02
.....uacccuguagauccgaauAu.....	1	1	c02
.....uacccuguagauUcgaauuu.....	1	1	c02
.....uacccuguagauAcgaauuu.....	3	1	c02
.....uacccuguGgauccgaauuu.....	1	1	c02
.....uacAcuguagauccgaauuu.....	30	1	c02

Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....uCcccuguagauccgaauuu.....	6	1	c02
.....uacccuguagaucAgaauuu.....	7	1	c02
.....uacUcuguagauccgaauuu.....	1	1	c02
.....uGcccuguagauccgaauuu.....	1	1	c02
.....uacccuguagauccgaaAuu.....	1	1	c02
.....uacccGguagauccgaauuu.....	1	1	c02
.....uacccuguagauccCaauuu.....	1	1	c02
.....Cacccuguagauccgaauuu.....	2	1	c02
.....uacccuguagaucUgaauuu.....	2	1	c02
.....uacccuguagauccgaGuuu.....	1	1	c02
.....uaccUuguagauccgaauuu.....	1	1	c02
.....uacccuguaUauccgaauuu.....	1	1	c02
.....uacccuguagaucGgaauuu.....	1	1	c02
.....uacccugCagauccgaauuu.....	2	1	c02
.....uacccuguagauccgCauuu.....	1	1	c02
.....uacccuguagauccgaauGu.....	3	1	c02
.....uacccuguagauccgGauuu.....	1	1	c02
.....uacGcuguagauccgaauuu.....	1	1	c02
.....uacccuUuagauccgaauuu.....	1	1	c02
.....uacccuguagauccgaauuA.....	11	1	c02
.....uacccuguagauccgaauCu.....	2	1	c02
.....uacccuguagauccgaaCuu.....	2	1	c02
.....uacccuCuagauccgaauuu.....	5	1	c02
.....uacccuguagauccUaauuu.....	1	1	c02
.....Gacccuguagauccgaauuu.....	260	1	c02
.....uacccuguagauccgaauuG.....	2	1	c02
.....uacccuguaCauccgaauuu.....	3	1	c02
.....uaAccuguagauccgaauuu.....	4	1	c02
.....Aacccuguagauccgaauuu.....	11	1	c02
.....uacccugGagauccgaauuug.....	1	1	c02
.....uacccuguaUauccgaauuug.....	1	1	c02
.....uacccuguagaucAgaauuug.....	18	1	c02
.....Aacccuguagauccgaauuug.....	55	1	c02
.....uacccuguagauccgaUuuug.....	2	1	c02
.....uacccuguagauccgaaCuug.....	4	1	c02
.....uacccugAagauccgaauuug.....	8	1	c02
.....uCcccuguagauccgaauuug.....	20	1	c02
.....uaccUuguagauccgaauuug.....	3	1	c02
.....uacccuguagauccgaaGuug.....	8	1	c02
.....uacccuguagauccgGauuug.....	2	1	c02
.....uacccuguagGuccgaauuug.....	1	1	c02
.....uacccuguagaucUgaauuug.....	7	1	c02
.....uacccuguaAauccgaauuug.....	1	1	c02
.....uacccuguagauccgaauuug.....	9517	0	c02
.....uacccuguagauccgaaAuug.....	4	1	c02
.....uacAcuguagauccgaauuug.....	46	1	c02
.....uacccuguagauccgaauGug.....	1	1	c02
.....uacccuguagauccAaauuug.....	1	1	c02
.....uacccuguagauccgaauuAg.....	4	1	c02
.....uacccuguagauccgUauuug.....	2	1	c02
.....uacccuguagaCccgaauuug.....	1	1	c02
.....Cacccuguagauccgaauuug.....	4	1	c02
.....uacccGguagauccgaauuug.....	2	1	c02
.....uacccuguagauccgCauuug.....	2	1	c02
.....uacccuguagauccgaauuuU.....	16	1	c02
.....uaAccuguagauccgaauuug.....	12	1	c02
.....uaUccuguagauccgaauuug.....	3	1	c02
.....uacccuguCgauccgaauuug.....	1	1	c02
.....uacccuguGgauccgaauuug.....	3	1	c02
.....uacccuguagauccgaauuuA.....	8	1	c02
.....uacUcuguagauccgaauuug.....	3	1	c02
.....uacccuguagauAcgaauuug.....	22	1	c02
.....uacccuguagauccgaGuuug.....	2	1	c02
.....uaccAuguagauccgaauuug.....	7	1	c02
.....uacccuguagCuccgaauuug.....	39	1	c02
.....uacccuUuagauccgaauuug.....	1	1	c02
.....uacccAguagauccgaauuug.....	2	1	c02
.....uacccCguagauccgaauuug.....	4	1	c02
.....uacccuguagauccCaauuug.....	2	1	c02
.....uacGcuguagauccgaauuug.....	3	1	c02

Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....uacccuguagUuccgaauuug.....	1	1	c02
.....uacccuCuagauccgaauuug.....	9	1	c02
.....uacccugCagauccgaauuug.....	1	1	c02
.....uUcccuguagauccgaauuug.....	1	1	c02
.....uacccuAuagauccgaauuug.....	1	1	c02
.....uacccuguagauccgaauuGg.....	1	1	c02
.....Gacccuguagauccgaauuug.....	689	1	c02
.....uacccuguagauGcgaauuug.....	1	1	c02
.....uacccuguagauccgaauCug.....	1	1	c02
.....uacccuguaCauccgaauuug.....	3	1	c02
.....uacccuguagauccUaauuug.....	4	1	c02
.....uGcccuguagauccgaauuug.....	2	1	c02
.....uacccuguagauccgaauAug.....	3	1	c02
.....uacccuguagauccgaauuuC.....	5	1	c02
.....uaccGuguagauccgaauuug.....	1	1	c02
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.....uacccuguagaucUgaauuugu.....	69	1	c02
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Mature Star

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..................uacccCguagauccgaauuugu.....	86	1	c02
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..................uacUcuguagauccgaauuugu.....	50	1	c02
..................uacccuguagauccgGauuugu.....	23	1	c02
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..................uacccuguagaAccgaauuugu.....	37	1	c02
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..................uacccCguagauccgaauuuguu.....	2	1	c02
..................uacccuguagauccgaauuugGu.....	2	1	c02
..................uacccugAagauccgaauuuguu.....	1	1	c02
..................uacccuguGgauccgaauuuguu.....	1	1	c02
..................uacccuguagauccgaaGuuguu.....	1	1	c02
..................uacccuguagauccgaauAuguu.....	2	1	c02
..................Cacccuguagauccgaauuuguu.....	1	1	c02
..................uacccugCagauccgaauuuguu.....	1	1	c02
..................uacccuguagauccgaUuuuguu.....	1	1	c02
..................uacccuguagauccgaauuuguu.....	2089	0	c02
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..................uacccuguagauccgaauuuguCu.....	2	1	c02
..................uacccuguagauccgaauuuguuu.....	46	0	c02
..................uacccuguagauccgaauuuguGu.....	3	1	c02
..................uacccuguagauccgaauuuguuG.....	8	1	c02
..................uacccuguagaucGgaauuuguuu.....	1	1	c02
..................uacccuguagauccgCauuuguuu.....	1	1	c02
..................Gacccuguagauccgaauuuguuu.....	2	1	c02
..................uacccuguagauccgaauuuguAu.....	20	1	c02
..................uacccuguagauccgaauuuguuA.....	16	1	c02
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..................Gacccuguagauccgaauuuguuug.....	2	1	c02
..................uacccuguagauccgaauuuguuug.....	5	0	c02
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....................acccuguagauccCaauu.....	2	1	c02
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....................acccuguagauccgaUuu.....	1	1	c02
....................acccuguagaucUgaauu.....	1	1	c02

Mature Star

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Mature Star

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.....acccuguagauUcgaauuug.....	1	1	c02
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.....acccuguagauccgaauuuUu.....	11	1	c02
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.....aUccuguagauccgaauuugu.....	15	1	c02
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Mature Star

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.....acccuguaAauccgaauuugu.....	2	1	c02
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.....acccuguagauccgUauuugu.....	1	1	c02
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.....acccuguUgauccgaauuugu.....	4	1	c02
.....acccuguagauccgaaAuugu.....	5	1	c02
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.....acccuguagauccgaauuuCuu.....	75	1	c02
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Mature Star

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.....acccuguagauccgaaCuuguu.....	14	1	c02
.....acccugGagauccgaauuuguu.....	2	1	c02
.....acccuCuagauccgaauuuguu.....	104	1	c02
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.....acccuguGgauccgaauuuguu.....	18	1	c02
.....acccuguagauccgaaAuuguu.....	21	1	c02
.....acccuguaAauccgaauuuguu.....	3	1	c02
.....acccuguagauccgGauuuguuu.....	1	1	c02
.....acccuguagaucAgaauuuguuu.....	3	1	c02
.....acccuguagauccgaauuuguuA.....	816	1	c02
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.....acccuguaCauccgaauuuguuu.....	2	1	c02
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.....Gcccuguagauccgaauuuguuu.....	1	1	c02
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.....acccuguagauccgaauuuguuAg.....	2	1	c02
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.....acccuguagauccgaauuuguuugU.....	1	1	c02
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.....Ccccuguagauccgaauuuguuuga.....	1	1	c02
.....acccuguagauccgaauuuguuuUa.....	1	1	c02
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.....acccuguagauccgaauuuguuuAaa.....	1	1	c02
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.....acccuguagauccgaauuuguuugaag.....	3	0	c02
.....acccuguagauccgaauuuguuugaagugaggc.....	1	0	c02
.....Ccccuguagauccgaauuuguuugaagugaggc.....	1	1	c02
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.....Ccccuguagauccgaauuuguuugaagugaggcga.....	1	1	c02
.....acccuguagauccgaauuuguuugaagugaggcga.....	3	0	c02
.....cccuCuagauccgaauuu.....	1	1	c02
.....cccuguagauccgaauuu.....	17	0	c02
.....Accuguagauccgaauuu.....	1	1	c02
.....cccuguagauccgaauuug.....	35	0	c02
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.....cAcuguagauccgaauuugu.....	1	1	c02
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.....cUcuguagauccgaauuugu.....	2	1	c02
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.....cccuguagauccgaauAuguu.....	1	1	c02
.....cccuguagauccgaauuuguu.....	217	0	c02

Mature Star

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.....cccuguagauccgaauuuguuA.....	2	1	c02
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.....Ccaaauucgguucuagagaggu.....	1	1	c02
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.....Uaaauucgguucuagaga.....	1	1	c02
.....caaauucgUuucuagaga.....	1	1	c02
.....caaauucUguucuagaga.....	3	1	c02
.....caaauucgguucuagaUa.....	1	1	c02
.....caaauuUgguucuagaga.....	1	1	c02
.....caaauucgguucAagaga.....	1	1	c02
.....caaauucgguAcuagaga.....	1	1	c02
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.....cGaauucgguucuagaga.....	1	1	c02
.....caaauucgguucuagaga.....	868	0	c02
.....caaauucggAucuagaga.....	1	1	c02
.....caaauuAgguucuagaga.....	4	1	c02
.....caaauucgCuucuagaga.....	1	1	c02
.....caaauucgguucuagagG.....	3	1	c02
.....caaauucgguucuagaCa.....	1	1	c02
.....caaauucgguucuagagU.....	1	1	c02
.....caaauAcgguucuagaga.....	1	1	c02
.....caaauucgguucuagGga.....	1	1	c02
.....caaauucgguucuagagC.....	1	1	c02
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.....caaauucgguGcuagagag.....	7	1	c02
.....caaauucgCuucuagagag.....	32	1	c02
.....caaauucgguucuagGgag.....	4	1	c02
.....caaauucgguucuagagag.....	10540	0	c02

Mature Star

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.....caaauucgguucuagagaU.....	11	1	c02
.....caaauucgguucuagagaA.....	49	1	c02
.....caaauucgguucuagaUag.....	6	1	c02
.....caaauCcgguucuagagag.....	3	1	c02
.....caaauucgguucuCgagag.....	1	1	c02
.....caaauucggGucuagagag.....	8	1	c02
.....caaauucgguucCagagag.....	2	1	c02
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.....caaauucgguucuGgagag.....	5	1	c02
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.....caaauucgguucuagagGg.....	4	1	c02
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.....caaauuAgguucuagagag.....	35	1	c02
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.....caaauucgguucuagagUg.....	4	1	c02
.....caaauucUguucuagagag.....	14	1	c02
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.....caaauucgguucuagagaAg.....	4	1	c02
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.....caaauucgguAcuagagagg.....	9	1	c02
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Mature Star

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.....caaauucgguCcuagagagg.....	2	1	c02
.....caaaCucgguucuagagagg.....	4	1	c02
.....caaauucgguucuagagaCg.....	15	1	c02
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.....caaauucgguucuagaCagg.....	7	1	c02
.....Gaaauucgguucuagagagg.....	2	1	c02
.....caaauucUguucuagagagg.....	18	1	c02
.....caaauCcgguucuagagagg.....	2	1	c02
.....caaauucgguucuCgagagg.....	1	1	c02
.....caaauucggAucuagagagg.....	26	1	c02
.....caaaGucgguucuagagagg.....	6	1	c02
.....Uaaauucgguucuagagagg.....	3	1	c02
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.....caaauucgguucuagGgagg.....	3	1	c02
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.....caaauucgguucuagagaggG.....	30	1	c02
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.....caaauucgguucuagCgaggu.....	2	1	c02
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Mature Star

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.....caaauucCguucuagagaggu.....	13	1	c02
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.....caaauucgguuAuagagaggu.....	19	1	c02
.....caaGuucgguucuagagaggu.....	4	1	c02
.....cCaauucgguucuagagaggu.....	1	1	c02
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.....caaauucgUuucuagagaggu.....	5	1	c02
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.....caaauucgUuucuagagagguu.....	4	1	c02
.....caaauucgguucuagagagguA.....	141	1	c02
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.....caaauucgCuucuagagagguu.....	21	1	c02
.....caaauucgguucuagUgagguu.....	4	1	c02
.....caCauucgguucuagagagguuu.....	3	1	c02

Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

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.....caUauucgguucuagagagguuu.....	6	1	c02
.....Uaaauucgguucuagagagguuu.....	32	1	c02
.....caaauucgguucuagagagAuuu.....	11	1	c02
.....caaauucgguucuCgagagguuu.....	3	1	c02
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.....caaauGcgguucuagagagguuu.....	3	1	c02
.....caaauucgguucuagagaggGuu.....	26	1	c02
.....caaauucgguucuagagagguuA.....	134	1	c02
.....caaauucgguucuagCgagguuu.....	9	1	c02
.....cGaauucgguucuagagagguuu.....	13	1	c02
.....caaauucgguucuagagaggCuu.....	17	1	c02
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.....caaauucgguucuGgagagguuu.....	19	1	c02
.....caaauucgguucuUgagagguuu.....	11	1	c02
.....caaauucgguucuagagaCguuu.....	80	1	c02
.....caaauucggAucuagagagguuu.....	61	1	c02
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.....caaUuucgguucuagagagguuu.....	5	1	c02
.....caaauucggGucuagagagguuu.....	63	1	c02
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.....caaauucgguucCagagagguuu.....	19	1	c02
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.....caaauAcgguucuagagagguuu.....	45	1	c02
.....caaauucgCuucuagagagguuu.....	139	1	c02
.....caaaCucgguucuagagagguuu.....	16	1	c02
.....Aaaauucgguucuagagagguuu.....	75	1	c02
.....caaauucgguucuagagaUguuu.....	47	1	c02
.....caaauucgguucuagagaggAuu.....	63	1	c02
.....caaauucgguucuagagagUuuu.....	28	1	c02
.....caaauucgguucuagagagCuuu.....	115	1	c02
.....caaauucgguuUuagagagguuu.....	22	1	c02
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.....caaauucgguucuagagagguuG.....	25	1	c02
.....caaauucgUuucuagagagguuu.....	27	1	c02
.....caaauucgguucuagagagguAu.....	54	1	c02
.....caaauucgguucuagagagguCu.....	15	1	c02
.....caaauucgguucuaAagagguuu.....	7	1	c02
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.....caaauucgguucGagagagguuu.....	19	1	c02
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.....caaauucgguucuagagagguuu.....	61914	0	c02
.....caaauucgguucuaUagagguuu.....	30	1	c02
.....Gaaauucgguucuagagagguuu.....	7	1	c02
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.....caaauucAguucuagagagguuu.....	12	1	c02
.....caaauucgguucuaCagagguuu.....	32	1	c02
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.....caaauucggCucuagagagguuu.....	14	1	c02
.....caGauucgguucuagagagguuu.....	8	1	c02
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.....caaauucgguucuagGgagguuu.....	10	1	c02
.....caaauucgguuGuagagagguuu.....	6	1	c02
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.....caaauucgguAcuagagagguuu.....	30	1	c02
.....caaauucgguuAuagagagguuu.....	96	1	c02
.....caaauucgUuucuagagagguuug.....	1	1	c02

Mature Star

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.....caaauucgguucuagagagguuuA.....	518	1	c02
.....Aaaauucgguucuagagagguuug.....	4	1	c02
.....caaauucgguucuaAagagguuug.....	1	1	c02
.....caaauucgguucuagagagUuuug.....	2	1	c02
.....caUauucgguucuagagagguuug.....	1	1	c02
.....caaauucgguuAuagagagguuug.....	4	1	c02
.....caaauucgguucuagagagCuuug.....	4	1	c02
.....caaauucgguucuagCgagguuug.....	1	1	c02
.....caaauucgguucuagagagguuuU.....	5285	1	c02
.....caaauucgguAcuagagagguuug.....	1	1	c02
.....caaauucggGucuagagagguuug.....	1	1	c02
.....caaauucgguucuagagaCguuug.....	2	1	c02
.....caaauucgguucuagagagguuug.....	1504	0	c02
.....caaauucgguucuagaCagguuug.....	1	1	c02
.....caaauuAgguucuagagagguuug.....	5	1	c02
.....caaauucgguucuagagGgguuug.....	1	1	c02
.....caaaAucgguucuagagagguuug.....	2	1	c02
.....caaauucCguucuagagagguuug.....	4	1	c02
.....caaauucgguucuagagaggGuug.....	1	1	c02
.....caaauucgCuucuagagagguuug.....	5	1	c02
.....caaauucggAucuagagagguuug.....	1	1	c02
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.....caaauucAguucuagagagguuug.....	1	1	c02
.....caaauucgguucuagagagguAug.....	1	1	c02
.....caaauucgguucuagagagguuAg.....	2	1	c02
.....caaauucgguucuagagagguuugu.....	287	0	c02
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.....caaauuUgguucuagagagguuugu.....	1	1	c02
.....Aaaauucgguucuagagagguuugu.....	1	1	c02
.....caaauucgguucuagagagguuuCu.....	17	1	c02
.....caaauucgguucuagagagguuugA.....	66	1	c02
.....caaauucgguucuagagagguuugG.....	16	1	c02
.....caaauucgguucuagagagguuuUu.....	527	1	c02
.....caaauucgguucuagagagguuugC.....	7	1	c02
.....caaauucgguucuagagagguuGgu.....	2	1	c02
.....caaauucgguucuagagagguuuAu.....	44	1	c02
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.....caaauucgguucuagagagguuugGg.....	1	1	c02
.....caaauucgguucuagagagguuuAug.....	1	1	c02
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.....caaauucgguucuagagagguuuguU.....	21	1	c02
.....caaauucgguucuagagagguuuUug.....	1	1	c02
.....caaauucgguucuagagagguuuguC.....	2	1	c02
.....caaauucgguucuagagagguuuguA.....	3	1	c02
.....caaauucgguucuagagagguuugGgu.....	2	1	c02
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.....aaauucgguucuagagaA.....	2	1	c02
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.....aaauucgguucuUgagag.....	1	1	c02
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.....aaauucggCucuagagag.....	1	1	c02
.....aaauucgguucuaUagag.....	2	1	c02
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.....Gaauucgguucuagagagg.....	1	1	c02

Mature Star

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.....aaauucgguucuagagagA.....	1	1	c02
.....aaauucCguucuagagagg.....	2	1	c02
.....aaauuAgguucuagagagg.....	5	1	c02
.....aaauucgguucuUgagagg.....	1	1	c02
.....aaauucgguucuagGgagg.....	1	1	c02
.....aaaAucgguucuagagagg.....	2	1	c02
.....aaauucgguucuagagaCg.....	2	1	c02
.....aaauucgguucuagUgagg.....	1	1	c02
.....aaauuUgguucuagagagg.....	1	1	c02
.....aaauucgUuucuagagagg.....	2	1	c02
.....aaauucgguucuagagagg.....	1792	0	c02
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.....aaauucggGucuagagagg.....	1	1	c02
.....aaauucgguucuagaCagg.....	2	1	c02
.....Uaauucgguucuagagagg.....	1	1	c02
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.....aaauucgguucuagagagU.....	4	1	c02
.....aaauucgguucuGgagagg.....	3	1	c02
.....aaauucgguucuagCgagg.....	1	1	c02
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.....aaauuAgguucuagagaggu.....	6	1	c02
.....aaauucgguuAuagagaggu.....	3	1	c02
.....aaauucgguGcuagagaggu.....	1	1	c02
.....aaauucgguucuagagaggu.....	1428	0	c02
.....aaauucgguucuagagagCu.....	3	1	c02
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.....aaauucgguucuagagaUgu.....	1	1	c02
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.....aaauucggGucuagagagguu.....	4	1	c02
.....aaauucggAucuagagagguu.....	1	1	c02
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.....aaauucgguucuagagagguA.....	10	1	c02
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.....aaauucgguucuagagaUguu.....	1	1	c02
.....aaauucgguucuagagagUuu.....	2	1	c02
.....aaauucgUuucuagagagguu.....	1	1	c02
.....aaauucgguucuGgagagguu.....	1	1	c02
.....aaauuAgguucuagagagguu.....	13	1	c02
.....aaauucgguucuagagagguG.....	5	1	c02
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Mature Star

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.....aaauucgguCcuagagagguu.....	1	1	c02
.....aaauucUguucuagagagguu.....	7	1	c02
.....aaauucgguucAagagagguu.....	1	1	c02
.....aGauucgguucuagagagguu.....	1	1	c02
.....aaauucgguucuagagaggCu.....	1	1	c02
.....aaCuucgguucuagagagguu.....	1	1	c02
.....aaauucgguucuagagagCuu.....	5	1	c02
.....aaauucgCuucuagagagguu.....	9	1	c02
.....aaauucgguucuaUagagguu.....	3	1	c02
.....aaauucgguucuagagaggGu.....	2	1	c02
.....aaauucgguucGagagagguu.....	1	1	c02
.....aaauucgguucuagagagguC.....	3	1	c02
.....aaauucgguucuagaUagguu.....	3	1	c02
.....aaauucgguAcuagagagguu.....	2	1	c02
.....aaauucgguucuagCgagguu.....	2	1	c02
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.....aaauucggCucuagagagguu.....	6	1	c02
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.....aaaAucgguucuagagagguu.....	5	1	c02
.....Caauucgguucuagagagguu.....	111	1	c02
.....aaauucgguucuaCagagguu.....	2	1	c02
.....aaauucgguucuagagaggAu.....	4	1	c02
.....aaauucgguucuagagaCguu.....	3	1	c02
.....aaauucgguucuagagCgguu.....	1	1	c02
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.....aaauucgguucuagagagguuA.....	35	1	c02
.....aaauucgguucuagagGgguuu.....	3	1	c02
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.....aaauucgguucCagagagguuu.....	8	1	c02
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.....aaauucgguGcuagagagguuu.....	8	1	c02
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.....aaaAucgguucuagagagguuu.....	7	1	c02
.....aUauucgguucuagagagguuu.....	4	1	c02
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.....Uaauucgguucuagagagguuu.....	4	1	c02
.....aaauucgCuucuagagagguuu.....	32	1	c02
.....aaauucgguucuagagaCguuu.....	21	1	c02

Mature Star

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.....aaauuUgguucuagagagguuu.....	6	1	c02
.....aaaGucgguucuagagagguuu.....	3	1	c02
.....aaauucgguucuagGgagguuu.....	3	1	c02
.....aaauucgguucuagaUagguuu.....	18	1	c02
.....aaauucgguucuagagagguuG.....	8	1	c02
.....aaauucgguucuagagagUuuu.....	13	1	c02
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.....aaauucgguucuagagagguGu.....	7	1	c02
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.....aaauCcgguucuagagagguuu.....	2	1	c02
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Mature Star

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Mature Star

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.....uacccuguagauccgaGuuuguuu.....	1	1	c15
.....uacUcuguagauccgaauuuguuu.....	1	1	c15
.....uacccuguagauccgaauuuguCu.....	3	1	c15
.....uacccuguagauccgaauuuguuC.....	4	1	c15
.....uacccuAuagauccgaauuuguuu.....	1	1	c15
.....uacccuguagauccgaauuuguuu.....	157	0	c15
.....uacccuguagauccgaauuuguAu.....	30	1	c15
.....uacccuguagauccgaauuuguuug.....	1	0	c15
.....uacccuguagauccgaauuuguuuA.....	3	1	c15
.....uacccuguagauccgaauuuguuuU.....	10	1	c15

Mature Star

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..................uacccuguagauccgaauuuguuuga.....	6	0	c15
..................uacccuguagauccgaauuuguuugaa.....	3	0	c15
..................uacccuguagauccgaauuuguuugaU.....	1	1	c15
..................uacccuguagauccgaauuuguuugaaU.....	1	1	c15
..................uacccuguagauccgaauuuguuugaag.....	4	0	c15
..................uacccuguagauccgaauuuguuugaagug.....	1	0	c15
..................uacccuguagauccgaauuuguuugaaguga.....	2	0	c15
..................Ucccuguagauccgaauu.....	1	1	c15
..................acccuguagauUcgaauu.....	1	1	c15
..................aAccuguagauccgaauu.....	1	1	c15
..................acccuCuagauccgaauu.....	1	1	c15
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..................acccuguagauGcgaauu.....	1	1	c15
..................acccuguagauccgaGuu.....	1	1	c15
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..................aGccuguagauccgaauu.....	2	1	c15
..................acccuguCgauccgaauu.....	1	1	c15
..................acccugCagauccgaauuu.....	1	1	c15
..................acccuguagauccgaauuC.....	1	1	c15
..................acccuguagauccgaauuu.....	362	0	c15
..................acccuguagauccgaUuuu.....	1	1	c15
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..................acUcuguagauccgaauuu.....	1	1	c15
..................acccuguagauccgaauuug.....	9724	0	c15
..................acccuguagauccUaauuug.....	2	1	c15
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..................acccuguagaucGgaauuug.....	7	1	c15
..................Gcccuguagauccgaauuug.....	7	1	c15
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..................acccuguagauccgaGuuug.....	2	1	c15
..................acccuguagaCccgaauuug.....	2	1	c15
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..................Ucccuguagauccgaauuug.....	2	1	c15
..................acccuguagauGcgaauuug.....	1	1	c15
..................acccuguagauccgaCuuug.....	1	1	c15
..................acccuguagGuccgaauuug.....	1	1	c15
..................aGccuguagauccgaauuug.....	5	1	c15
..................acccuguagaAccgaauuug.....	1	1	c15
..................acccuCuagauccgaauuug.....	1	1	c15
..................acccuguagauccgaauuuC.....	6	1	c15
..................acccuguagauccgaaAuug.....	1	1	c15
..................acccuguagauccgaauuuA.....	275	1	c15
..................accAuguagauccgaauuug.....	5	1	c15
..................acccuUuagauccgaauuug.....	1	1	c15
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..................acAcuguagauccgaauuug.....	1	1	c15
..................acccuAuagauccgaauuug.....	8	1	c15
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..................acccugAagauccgaauuug.....	2	1	c15
..................acccuguagauccgaauuCg.....	3	1	c15
..................aAccuguagauccgaauuug.....	3	1	c15
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..................acccuguagauccgaauuuU.....	15	1	c15
..................acUcuguagauccgaauuug.....	4	1	c15
..................acccuguagauccgGauuug.....	1	1	c15
..................acccuguagaucUgaauuug.....	7	1	c15
..................acccuguagauccgaauuAg.....	1	1	c15
..................accUuguagauccgaauuug.....	4	1	c15
..................acccAguagauccgaauuug.....	3	1	c15
..................acccuguagauccgaUuuug.....	2	1	c15
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..................acccuguagauUcgaauuug.....	5	1	c15
..................acccuguagauccAaauuug.....	4	1	c15
..................acccuguCgauccgaauuug.....	1	1	c15
..................acccuguGgauccgaauuug.....	2	1	c15
..................acccuguagauccgaauuugG.....	17	1	c15
..................acccuguagaucUgaauuugu.....	26	1	c15
..................acccuguagauccgaauGugu.....	1	1	c15

Mature Star

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.....acccuguagaAccgaauuugu.....	6	1	c15
.....acGcuguagauccgaauuugu.....	2	1	c15
.....acccuguagaucAgaauuugu.....	20	1	c15
.....acccuAuagauccgaauuugu.....	15	1	c15
.....acccuguUgauccgaauuugu.....	5	1	c15
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.....acccuguagUuccgaauuugu.....	2	1	c15
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Mature Star

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.....acccuguagauccUaauuuguu.....	34	1	c15
.....acccuCuagauccgaauuuguu.....	10	1	c15
.....acccuguUgauccgaauuuguu.....	19	1	c15
.....acccuguCgauccgaauuuguu.....	1	1	c15
.....acccuAuagauccgaauuuguu.....	76	1	c15
.....acccuguagauccgaCuuuguu.....	33	1	c15
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.....acccugGagauccgaauuuguu.....	34	1	c15
.....acccuguagauccgaauuuguA.....	353	1	c15
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.....aGccuguagauccgaauuuguu.....	104	1	c15
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.....aAccuguagauccgaauuuguu.....	44	1	c15
.....acGcuguagauccgaauuuguu.....	7	1	c15
.....acccuguagauccgaauGuguu.....	2	1	c15
.....acccuguagauUcgaauuuguu.....	75	1	c15
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Mature Star

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.....acccuguagauccgaauuuguuG.....	13	1	c15
.....acccuguagauccgaauuuguCu.....	3	1	c15
.....acccuguagauccgaauuCguuu.....	2	1	c15
.....acccuguagauccAaauuuguuu.....	2	1	c15
.....acccuguagauccgaauuuguuu.....	7561	0	c15
.....acccuguagaAccgaauuuguuu.....	2	1	c15
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.....acccuguGgauccgaauuuguuu.....	5	1	c15
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.....acccuAuagauccgaauuuguuu.....	4	1	c15
.....acccuguagCuccgaauuuguuu.....	1	1	c15
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.....ccuguagauccgaauuug.....	11	0	c15
.....Ucuguagauccgaauuugu.....	1	1	c15
.....ccuguagauccgaGuuugu.....	1	1	c15
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Mature Star

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.....ccuguagauccgaauuugA.....	1	1	c15
.....ccuguagauccgaauuugC.....	1	1	c15
.....ccuguagauUcgaauuugu.....	1	1	c15
.....ccuguagauccgaauuuguA.....	1	1	c15
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.....ccuguagauccgaauGuguu.....	1	1	c15
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.....Ccaaauucgguucuagagagguuu.....	13	1	c15
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.....acaaauucgguucuagagagguuuA.....	1	1	c15
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.....Aaaauucgguucuagagag.....	2	1	c15
.....caaauucgguucuagagaU.....	2	1	c15
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.....caaauucgguucuagaUagg.....	3	1	c15
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.....caaauucggAucuagagagg.....	6	1	c15
.....caaauucgguucuagGgagg.....	3	1	c15
.....caaauucgguucCagagagg.....	3	1	c15
.....caaauucgguucuagagagA.....	56	1	c15
.....Uaaauucgguucuagagagg.....	10	1	c15
.....caaauucggCucuagagagg.....	2	1	c15
.....caaauGcgguucuagagagg.....	1	1	c15
.....caaauucUguucuagagagg.....	1	1	c15
.....caaauucgguuAuagagagg.....	1	1	c15
.....caaauucgguucuagagaUg.....	3	1	c15
.....caaauucgguucuUgagagg.....	2	1	c15
.....Aaaauucgguucuagagagg.....	5	1	c15
.....caaauuAgguucuagagagg.....	1	1	c15
.....caaauucgguucuagUgagg.....	2	1	c15

Mature Star

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.....cGaauucgguucuagagagg.....	2	1	c15
.....caaauucgUuucuagagagg.....	1	1	c15
.....caaauucgguucuagagagC.....	12	1	c15
.....caUauucgguucuagagagg.....	1	1	c15
.....caaauucgguucuGgagagg.....	4	1	c15
.....caaauucgguucuagagagg.....	6846	0	c15
.....caaGuucgguucuagagagg.....	1	1	c15
.....caaauCcgguucuagagagg.....	1	1	c15
.....caaauucgguucuaUagagg.....	2	1	c15
.....caaauucgguucuagagGgg.....	1	1	c15
.....caaauuUgguucuagagaggu.....	2	1	c15
.....caaauucgguucCagagaggu.....	3	1	c15
.....cCaauucgguucuagagaggu.....	1	1	c15
.....caaauucgguCcuagagaggu.....	1	1	c15
.....caaauucgUuucuagagaggu.....	4	1	c15
.....caaauucgguucuagaUaggu.....	5	1	c15
.....caaauucgguucuagagaCgu.....	1	1	c15
.....caaauucgAuucuagagaggu.....	1	1	c15
.....caaauucgguuGuagagaggu.....	4	1	c15
.....caaauucgguucuagagagUu.....	3	1	c15
.....caaauuGgguucuagagaggu.....	2	1	c15
.....Uaaauucgguucuagagaggu.....	11	1	c15
.....caaauucgguucuUgagaggu.....	3	1	c15
.....caaauucCguucuagagaggu.....	2	1	c15
.....caaauucgguucAagagaggu.....	1	1	c15
.....Aaaauucgguucuagagaggu.....	7	1	c15
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.....caaauucgCuucuagagaggu.....	1	1	c15
.....caaauucgguucuaAagaggu.....	1	1	c15
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.....caaauucgguucuagagaAgu.....	1	1	c15
.....caaauucAguucuagagaggu.....	4	1	c15
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.....caaauucggAucuagagaggu.....	9	1	c15
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.....caaauucgguucuagagagAu.....	8	1	c15
.....caaauucgguucuagagaggC.....	66	1	c15
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.....caaauucgguucuagagUggu.....	2	1	c15
.....caaauucgguucuagagCggu.....	2	1	c15
.....caaauucgguucuGgagaggu.....	7	1	c15
.....caaauucgguuUuagagaggu.....	2	1	c15
.....caaauucgguucuagagagCu.....	9	1	c15
.....caUauucgguucuagagaggu.....	1	1	c15
.....caaauucUguucuagagaggu.....	4	1	c15
.....caaauucgguucuagagaggG.....	7	1	c15
.....caaauucgguucuaUagaggu.....	1	1	c15
.....caaauucgguucuagUgaggu.....	5	1	c15
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.....caaauucgguucuagagaUgu.....	1	1	c15
.....caaauAcgguucuagagaggu.....	6	1	c15
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.....caaauucgAuucuagagagguu.....	1	1	c15
.....Gaaauucgguucuagagagguu.....	3	1	c15
.....caaauucgguucuagagagUuu.....	8	1	c15
.....caaauucAguucuagagagguu.....	2	1	c15
.....caaaCucgguucuagagagguu.....	1	1	c15
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.....caaauucgguucuagCgagguu.....	3	1	c15
.....caaauuGgguucuagagagguu.....	1	1	c15
.....caaauucgguucuagagaCguu.....	1	1	c15

Mature Star

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.....caaauucgguucuagagagguA.....	147	1	c15
.....caaauucggCucuagagagguu.....	6	1	c15
.....caaauucgguucuagagagCuu.....	2	1	c15
.....cCaauucgguucuagagagguu.....	1	1	c15
.....caaauucgguucuGgagagguu.....	8	1	c15
.....caaauucgguucuagagaggAu.....	34	1	c15
.....caaauucgguucuagagagguu.....	18989	0	c15
.....caaauGcgguucuagagagguu.....	12	1	c15
.....caaauucggGucuagagagguu.....	4	1	c15
.....caaauucgguucAagagagguu.....	1	1	c15
.....caaauucCguucuagagagguu.....	1	1	c15
.....caaauucgguucuagaCagguu.....	1	1	c15
.....caaauucgguucuagagagguC.....	47	1	c15
.....caaauucgguAcuagagagguu.....	3	1	c15
.....caaauucgguucuagagaAguu.....	4	1	c15
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.....cGaauucgguucuagagagguu.....	15	1	c15
.....Uaaauucgguucuagagagguu.....	30	1	c15
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.....caaauucgguucuagGagguu.....	6	1	c15
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.....caaauucgguucuagUgagguu.....	1	1	c15
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.....caaauucgguucuagagCgguu.....	1	1	c15
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.....caaauucggAucuagagagguu.....	17	1	c15
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.....caaauucgguucuagagagAuu.....	6	1	c15
.....caaauucgUuucuagagagguu.....	2	1	c15
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.....caaauucgguucuagagaggGu.....	12	1	c15
.....caaauucgCuucuagagagguu.....	1	1	c15
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.....caaauucgguucuagaUagguu.....	6	1	c15
.....caaauucgguucuaAagagguuu.....	9	1	c15
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.....caaauucgguucuagaCagguuu.....	5	1	c15
.....caaauucgguCcuagagagguuu.....	16	1	c15
.....caaauucggGucuagagagguuu.....	40	1	c15
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.....caaauucgguucAagagagguuu.....	18	1	c15
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.....Aaaauucgguucuagagagguuu.....	59	1	c15
.....caaauucgguucuagCgagguuu.....	1	1	c15
.....caaauucgguucuagagaCguuu.....	1	1	c15
.....cCaauucgguucuagagagguuu.....	8	1	c15
.....caaauucgguGcuagagagguuu.....	3	1	c15
.....cUaauucgguucuagagagguuu.....	43	1	c15
.....caaauucgguuAuagagagguuu.....	9	1	c15
.....caaauucgUuucuagagagguuu.....	9	1	c15
.....caaauucgguucuagGagguuu.....	7	1	c15
.....caaauucgguuUuagagagguuu.....	26	1	c15
.....caaauucgguucuagagaUguuu.....	9	1	c15
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Mature Star

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.....caaauCcgguucuagagagguuu.....	8	1	c15
.....Gaaauucgguucuagagagguuu.....	5	1	c15
.....caaauucUguucuagagagguuu.....	16	1	c15
.....caaauucgAuucuagagagguuu.....	17	1	c15
.....caaauucgguucGagagagguuu.....	19	1	c15
.....caaauucCguucuagagagguuu.....	3	1	c15
.....caaauuUgguucuagagagguuu.....	19	1	c15
.....caaauucggAucuagagagguuu.....	72	1	c15
.....caaauucgguucuagagagguuG.....	23	1	c15
.....caaauucgguucuagagagguCu.....	26	1	c15
.....caaauucgguucCagagagguuu.....	19	1	c15
.....caaauucgguucuagagaggAuu.....	132	1	c15
.....caaauucgguucuCgagagguuu.....	4	1	c15
.....caaauucgCuucuagagagguuu.....	1	1	c15
.....caaauucgguucuagagagUuuu.....	43	1	c15
.....caaauucgguuGuagagagguuu.....	11	1	c15
.....cGaauucgguucuagagagguuu.....	60	1	c15
.....caaauucgguucuagagagAuuu.....	36	1	c15
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.....caaauucgguucuagagUgguuu.....	4	1	c15
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.....caaauucgguucuagagagCuuu.....	7	1	c15
.....caaauucgguucuagagagguuA.....	482	1	c15
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.....caaauucgguucuagagaggGuu.....	50	1	c15
.....Uaaauucgguucuagagagguuu.....	126	1	c15
.....caaauucgguucuagagagguuC.....	253	1	c15
.....caaauucAguucuagagagguuu.....	20	1	c15
.....caaauucgguucuagagagguGu.....	5	1	c15
.....caaauucgguucuagagagAuuug.....	1	1	c15
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.....caaauucggGucuagagagguuug.....	1	1	c15
.....caaauucgguucuagagagguuug.....	1904	0	c15
.....caaauucgguucuagGgagguuug.....	2	1	c15
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.....Aaaauucgguucuagagagguuug.....	3	1	c15
.....caaauucgguucuagaUagguuug.....	1	1	c15
.....caaauucgguucuagagagguuAg.....	2	1	c15
.....caaauucgguucuagagagguuCg.....	1	1	c15
.....caaauucgAuucuagagagguuug.....	1	1	c15
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.....caaauucgguucuagagaggAuug.....	4	1	c15
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.....caaauucgguuGuagagagguuug.....	1	1	c15
.....caaauucgguucGagagagguuug.....	1	1	c15
.....caaauucgguucuagagagguuuC.....	192	1	c15
.....caaauucgguucuagagagguuuU.....	12953	1	c15
.....caUauucgguucuagagagguuugu.....	1	1	c15
.....caaauucgguucuagagagguuuAu.....	222	1	c15
.....caaauGcgguucuagagagguuugu.....	2	1	c15
.....caaauucggAucuagagagguuugu.....	1	1	c15

Mature Star

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.....caaauAcgguucuagagagguuugu.....	1	1	c15
.....caaauucgguucCagagagguuugu.....	1	1	c15
.....caaauucgguucuagagagguuuCu.....	51	1	c15
.....caaauucgguucuagagagguuugC.....	23	1	c15
.....caaauucgguucuagagaUguuugu.....	1	1	c15
.....caaauucgguucuagagagguuuUu.....	2683	1	c15
.....caaauucgguucuagagagguuugA.....	55	1	c15
.....caaauucgguucuagagagguuugu.....	762	0	c15
.....caaauucgguucGagagagguuugu.....	1	1	c15
.....cGaauucgguucuagagagguuugu.....	1	1	c15
.....caaauucgguucuagagagguuuguU.....	76	1	c15
.....caaauucgguucuagagagguuuUug.....	2	1	c15
.....caaauucgguucuagagagguuuguA.....	7	1	c15
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.....caaauucgguucuagagagguuuguC.....	1	1	c15
.....caaauucgguucuagagagguuuguUu.....	34	1	c15
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.....caaauucgguucuagagagguuuguCu.....	2	1	c15
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.....aaauucgguucuagagagU.....	1	1	c15
.....aaauucgguucuagagagA.....	1	1	c15
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.....aaauucgguucuagagagUu.....	1	1	c15
.....Caauucgguucuagagaggu.....	1	1	c15
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.....aaauucgguucuGgagaggu.....	1	1	c15
.....aaauucgguucuagagaggu.....	352	0	c15
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.....Uaauucgguucuagagaggu.....	1	1	c15
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.....aaauucgguucuagagGgguuu.....	1	1	c15
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.....aaauucgguucuagagagguuC.....	12	1	c15
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.....aUauucgguucuagagagguuu.....	2	1	c15
.....aaauucgguuAuagagagguuu.....	2	1	c15
.....aaauuAgguucuagagagguuu.....	1	1	c15
.....aaauucgguucuagagagguuA.....	36	1	c15
.....Caauucgguucuagagagguuu.....	3	1	c15
.....aaauucgguucuagagagguAu.....	2	1	c15
.....aaauucggAucuagagagguuu.....	6	1	c15

Mature Star

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.....aaaAucgguucuagagagguuu.....	2	1	c15
.....Gaauucgguucuagagagguuu.....	3	1	c15
.....Uaauucgguucuagagagguuu.....	8	1	c15
.....aaauucgguucuagaUagguuu.....	1	1	c15
.....aaauucgguucuagagaggGuu.....	11	1	c15
.....aaauucgguucuagUgagguuu.....	2	1	c15
.....aaauucgguucuagagaUguuu.....	3	1	c15
.....aaauucAguucuagagagguuu.....	2	1	c15
.....aaauucgguucuagagCgguuu.....	1	1	c15
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.....aGauucgguucuagagagguuu.....	3	1	c15
.....aGauucgguucuagagagguuug.....	4	1	c15
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Mature Star

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..................uacccuguagauccgaauuuguuA.....	14	1	c09
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..................uacccuguagauccgaauuuguuugG.....	1	1	c09
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Mature Star

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Mature Star

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Mature Star

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.....acccuguagauccgaauuuCuu.....	24	1	c09
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Mature Star

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Mature Star

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.....Ucaaauucgguucuagagagguuu.....	2	1	c09
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.....aaaCucgguucuagagagguuu.....	1	1	c09
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.....aaauucgguucGagagagguuu.....	1	1	c09
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Mature Star

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.....aaauucgguucuagagagguuuUu.....	77	1	c09
.....aaauucggGucuagagagguuugu.....	1	1	c09
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.....aaauucgguucuagagagguuuCu.....	4	1	c09
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.....aaauucgguucuagagagguuuguC.....	2	1	c09
.....aaauucgguucuagagagguuuguU.....	6	1	c09
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.....aaauucgguucuagagagguuuguAu.....	6	1	c09
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Mature Star

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.....auucgguucuaUagaggu.....	1	1	c09
.....auucgguucuagagaggG.....	3	1	c09
.....auucgguucuagaUaggu.....	1	1	c09
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Mature Star

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.....aAucgguucuagagagguuu.....	3	1	c09
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.....auucgguucuagagagUuuu.....	3	1	c09
.....aCucgguucuagagagguuu.....	2	1	c09
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.....auucgguucuagagagguuuC.....	17	1	c09
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Mature Star

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Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguguugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....caaauucgguucuagagagguuuA.....	1	1	c04
.....caaauucgguucuagagagguuuU.....	19	1	c04
.....caaauucgguucuagagagguuug.....	7	0	c04
.....caaauucgguucuagagagguuuUu.....	1	1	c04
.....caaauucgguucuagagagguuugu.....	1	0	c04
.....caaauucgguucuagagagguuugA.....	1	1	c04
.....aaauucgguucuagagag.....	1	0	c04
.....aaauucgguucuagagagg.....	4	0	c04
.....aaauucgguucuagagaggu.....	1	0	c04
.....aaauucgguucuagagaggG.....	1	1	c04
.....aaauucgguucuagagagguu.....	10	0	c04
.....aaauucgguucuagagagguuu.....	29	0	c04
.....aaauucgguucuagagaguuu.....	1	1	c04
.....aaauucgguucuagagagguuug.....	16	0	c04
.....aaauucgguucuagagagguuuU.....	14	1	c04
.....aaauucgguucuagagaguuuugu.....	1	1	c04
.....aaauucgguucuagagagguuuUu.....	1	1	c04
.....aaauucgguucuagagagguuugu.....	3	0	c04
.....aaauucgguucuagagagguuugA.....	1	1	c04
.....auucgguucuagagaggu.....	3	0	c04
.....auucgguucuagagagguu.....	6	0	c04
.....auucgguucuagagagguuu.....	15	0	c04
.....auucgguucuagagagguuuU.....	1	1	c04
.....uucgguucuagagagguu.....	1	0	c04
.....uucgguucuagagagguuu.....	3	0	c04

.....Aaucuacccuguagauccgaauuuguu.....	1	1	c16
.....Gcuacccuguagauccgaauuugu.....	1	1	c16
.....cuacccuguagauccgaauuugu.....	2	0	c16
.....cuacAcuguagauccgaauuugu.....	1	1	c16
.....Gacccuguagauccgaau.....	18	1	c16
.....uacccuguagauccgaaG.....	1	1	c16
.....uCcccuguagauccgaau.....	2	1	c16
.....uacccuguagauccgaau.....	208	0	c16
.....Aacccuguagauccgaau.....	2	1	c16
.....uacccuguagaucAgaau.....	1	1	c16
.....uacAcuguagauccgaau.....	1	1	c16
.....uaccAuguagauccgaau.....	1	1	c16
.....uacccGguagauccgaau.....	1	1	c16
.....uacccuguagauccgaauG.....	1	1	c16
.....uacccuCuagauccgaauu.....	2	1	c16
.....uacccugAagauccgaauu.....	3	1	c16
.....Aacccuguagauccgaauu.....	2	1	c16
.....Gacccuguagauccgaauu.....	23	1	c16
.....uacccuguagCuccgaauu.....	1	1	c16
.....uCcccuguagauccgaauu.....	1	1	c16
.....uacAcuguagauccgaauu.....	1	1	c16
.....uaccUuguagauccgaauu.....	1	1	c16
.....uacccuguagauccgaauu.....	422	0	c16
.....uacccuguagauccgaauC.....	2	1	c16
.....uacccuguagauAcgaauu.....	1	1	c16
.....Aacccuguagauccgaauuu.....	1	1	c16
.....Cacccuguagauccgaauuu.....	1	1	c16
.....uacccuguagauccgaauuC.....	1	1	c16
.....uCcccuguagauccgaauuu.....	1	1	c16
.....uaccAuguagauccgaauuu.....	1	1	c16
.....uacccuguagaAccgaauuu.....	1	1	c16
.....uacccuguagauccgaaGuu.....	1	1	c16
.....uacccuguagauccgaauuA.....	1	1	c16
.....Gacccuguagauccgaauuu.....	22	1	c16
.....uacccuguagCuccgaauuu.....	2	1	c16
.....uacccuguagauccgaauuu.....	324	0	c16
.....uacccuguagauccgaauuGg.....	1	1	c16
.....uacccuCuagauccgaauuug.....	2	1	c16
.....uacccuguaCauccgaauuug.....	1	1	c16
.....uacccuguagauccgaaGuug.....	1	1	c16
.....uacccuguagauccgaauuug.....	879	0	c16
.....uaAccuguagauccgaauuug.....	2	1	c16
.....uacccuguagauAcgaauuug.....	1	1	c16
.....uacccAguagauccgaauuug.....	1	1	c16

Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....Aacccuguagauccgaauuug.....	3	1	c16
.....uacUcuguagauccgaauuug.....	1	1	c16
.....uacccuguagauccgaauuuU.....	3	1	c16
.....uacccuguagaucAgaauuug.....	1	1	c16
.....uacccuguagCuccgaauuug.....	5	1	c16
.....uacccuguagauccgaauuuC.....	1	1	c16
.....Gacccuguagauccgaauuug.....	69	1	c16
.....uCcccuguagauccgaauuug.....	2	1	c16
.....Cacccuguagauccgaauuug.....	2	1	c16
.....uacccuguagauccUaauuug.....	1	1	c16
.....uacAcuguagauccgaauuug.....	6	1	c16
.....Cacccuguagauccgaauuugu.....	9	1	c16
.....uCcccuguagauccgaauuugu.....	37	1	c16
.....uacccuguagauccgaaCuugu.....	5	1	c16
.....uaccAuguagauccgaauuugu.....	9	1	c16
.....uaUccuguagauccgaauuugu.....	1	1	c16
.....uacccuUuagauccgaauuugu.....	6	1	c16
.....uacccuguagaCccgaauuugu.....	4	1	c16
.....uacccuguagauccgaauuuUu.....	5	1	c16
.....uacccuguagauccgUauuugu.....	2	1	c16
.....uacccuguagauccgaaGuugu.....	3	1	c16
.....uacccCguagauccgaauuugu.....	6	1	c16
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.....Gacccuguagauccgaauuugu.....	1034	1	c16
.....uacccuguagauccgaauuAgu.....	12	1	c16
.....uacccuguagaucUgaauuugu.....	4	1	c16
.....uacccuAuagauccgaauuugu.....	4	1	c16
.....uaccGuguagauccgaauuugu.....	3	1	c16
.....uGcccuguagauccgaauuugu.....	6	1	c16
.....uacccuguagauccgaauuugA.....	14	1	c16
.....uacccuguagauccgaauuCgu.....	1	1	c16
.....uaccUuguagauccgaauuugu.....	2	1	c16
.....uacccuguagauccgGauuugu.....	1	1	c16
.....uacccAguagauccgaauuugu.....	6	1	c16
.....uUcccuguagauccgaauuugu.....	1	1	c16
.....uacccuguagauccgaaAuugu.....	2	1	c16
.....uacccuguagauccgaauAugu.....	7	1	c16
.....uacccuguagauccgaauuGgu.....	2	1	c16
.....uacccuguagauccgaauuugC.....	5	1	c16
.....uacUcuguagauccgaauuugu.....	6	1	c16
.....uacccuguagaucGgaauuugu.....	2	1	c16
.....uacccuguagauccgaauuuCu.....	18	1	c16
.....uacAcuguagauccgaauuugu.....	75	1	c16
.....uacccuguagauUcgaauuugu.....	1	1	c16
.....uacccuguagauccgaGuuugu.....	3	1	c16
.....uacccuguagauAcgaauuugu.....	21	1	c16
.....uacccuguagauccgaauuugu.....	13304	0	c16
.....uacccuguagauccAaauuugu.....	2	1	c16
.....uacccuguagCuccgaauuugu.....	39	1	c16
.....uacGcuguagauccgaauuugu.....	8	1	c16
.....uacccuguagaAccgaauuugu.....	1	1	c16
.....uacccuguagauccgaauGugu.....	1	1	c16
.....Aacccuguagauccgaauuugu.....	77	1	c16
.....uacccGuagauccgaauuugu.....	4	1	c16
.....uacccuguagUuccgaauuugu.....	1	1	c16
.....uacccuguGgauccgaauuugu.....	3	1	c16
.....uacccuguagauccCaauuugu.....	5	1	c16
.....uacccugGagauccgaauuugu.....	1	1	c16
.....uacccuguaCauccgaauuugu.....	5	1	c16
.....uaGccuguagauccgaauuugu.....	2	1	c16
.....uacccuguaUauccgaauuugu.....	4	1	c16
.....uacccuguagaucAgaauuugu.....	20	1	c16
.....uacccuguagauccgaauuugG.....	4	1	c16
.....uacccuguaAauccgaauuugu.....	3	1	c16
.....uacccuguagauGcgaauuugu.....	5	1	c16
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.....uacccuguagauccUaauuugu.....	10	1	c16
.....uacccuCuagauccgaauuugu.....	15	1	c16
.....uacccuguUgauccgaauuugu.....	1	1	c16

Mature Star

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.....uaAccuguagauccgaauuugu.....	9	1	c16
.....uacccuguagGuccgaauuugu.....	2	1	c16
.....uacccuAuagauccgaauuuguu.....	1	1	c16
.....Aacccuguagauccgaauuuguu.....	1	1	c16
.....uacccuguagauccgaauuuguu.....	192	0	c16
.....uacAcuguagauccgaauuuguu.....	2	1	c16
.....uacccuguagCuccgaauuuguu.....	1	1	c16
.....uacccuguagauccgaauuuguC.....	14	1	c16
.....uacccGguagauccgaauuuguu.....	1	1	c16
.....Gacccuguagauccgaauuuguu.....	15	1	c16
.....uCcccuguagauccgaauuuguu.....	1	1	c16
.....uacccuguagauccgaauuuguA.....	208	1	c16
.....uacccuguagauccgaauuuguG.....	10	1	c16
.....uacccuguagauccgaauuAguu.....	1	1	c16
.....uacccuguagauccgaauuuguuu.....	2	0	c16
.....uacccuguagauccgaauuuguCu.....	2	1	c16
.....uacccuguagauccgaauuuguAu.....	6	1	c16
.....uacccuguagauccgaauuuguuA.....	7	1	c16
.....Gacccuguagauccgaauuuguuu.....	3	1	c16
.....uacccuguagauccgaauuuguuug.....	3	0	c16
.....uacccuguagauccgaauuuguuuga.....	2	0	c16
.....uacccuguagauccgaauuuguuugaag.....	1	0	c16
.....uacccuguagauccgaauuuguuugaagugaggcgac.....	1	0	c16
.....acccuguagauccgaauA.....	1	1	c16
.....acccuguagauAcgaauu.....	1	1	c16
.....acccuguagauccgaauu.....	113	0	c16
.....Ccccuguagauccgaauu.....	76	1	c16
.....acccuguagaucUgaauu.....	1	1	c16
.....acccugAagauccgaauu.....	1	1	c16
.....Ucccuguagauccgaauu.....	1	1	c16
.....acccuguagCuccgaauuu.....	1	1	c16
.....acccuguagauccgaauuu.....	199	0	c16
.....acccuguagauccgaauCu.....	1	1	c16
.....Ccccuguagauccgaauuu.....	105	1	c16
.....acccuguUgauccgaauuu.....	1	1	c16
.....acccuguagauccgaauuC.....	1	1	c16
.....acccuguagauccgaauuG.....	2	1	c16
.....acccuguagauccgaauuuC.....	2	1	c16
.....acccuguagauccgaauuAg.....	1	1	c16
.....acccuUuagauccgaauuug.....	1	1	c16
.....acAcuguagauccgaauuug.....	3	1	c16
.....acccuCuagauccgaauuug.....	2	1	c16
.....acccuguagauccgaauuuA.....	2	1	c16
.....acccuguagauccgaauuCg.....	1	1	c16
.....acccuguagauAcgaauuug.....	1	1	c16
.....acccuguagaucAgaauuug.....	4	1	c16
.....Ccccuguagauccgaauuug.....	418	1	c16
.....acccuguagauccgaauuug.....	646	0	c16
.....acccuguagauccgaaAuug.....	1	1	c16
.....acccuguagCuccgaauuug.....	1	1	c16
.....accAuguagauccgaauuug.....	2	1	c16
.....acccuguagauccgaauuuU.....	1	1	c16
.....acccuguagaucAgaauuugu.....	7	1	c16
.....aAccuguagauccgaauuugu.....	4	1	c16
.....acccuCuagauccgaauuugu.....	7	1	c16
.....acccuguaCauccgaauuugu.....	2	1	c16
.....acccuguagCuccgaauuugu.....	4	1	c16
.....acccuguagauccgaauuugu.....	1471	0	c16
.....acUcuguagauccgaauuugu.....	2	1	c16
.....acccugGagauccgaauuugu.....	1	1	c16
.....acccuguagauccgaauuuUu.....	2	1	c16
.....acccuguagauccgaauuugA.....	1	1	c16
.....acccAguagauccgaauuugu.....	1	1	c16
.....acccuguagauccgaUuuugu.....	1	1	c16
.....acccuguagauccgaauuuCu.....	1	1	c16
.....acccuguagauccAaauuugu.....	1	1	c16
.....acAcuguagauccgaauuugu.....	7	1	c16
.....acccuguagaAccgaauuugu.....	1	1	c16
.....acccuguagauccgaauuCgu.....	1	1	c16
.....acccugAagauccgaauuugu.....	1	1	c16

Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....acccuguagauccgaauuuAu.....	2	1	c16
.....acccuguagauccgaaAuugu.....	2	1	c16
.....acccuguUgauccgaauuugu.....	1	1	c16
.....acccuguagauccgaauuugG.....	1	1	c16
.....acccuguagauccCaauuugu.....	1	1	c16
.....acccuguagauAcgaauuugu.....	2	1	c16
.....Ccccuguagauccgaauuugu.....	864	1	c16
.....acccuguagauccgaauAugu.....	1	1	c16
.....accAuguagauccgaauuugu.....	2	1	c16
.....aUccuguagauccgaauuugu.....	1	1	c16
.....acccuguaCauccgaauuuguu.....	4	1	c16
.....acccuUuagauccgaauuuguu.....	3	1	c16
.....acccuguagaCccgaauuuguu.....	1	1	c16
.....acccuguagauccUaauuuguu.....	3	1	c16
.....acccuguaUauccgaauuuguu.....	1	1	c16
.....acccuguagauccgaauuuUuu.....	4	1	c16
.....acccuguUgauccgaauuuguu.....	1	1	c16
.....acccAguagauccgaauuuguu.....	5	1	c16
.....acccugAagauccgaauuuguu.....	2	1	c16
.....accUuguagauccgaauuuguu.....	6	1	c16
.....Ccccuguagauccgaauuuguu.....	2656	1	c16
.....Ucccuguagauccgaauuuguu.....	1	1	c16
.....acccuguaAauccgaauuuguu.....	1	1	c16
.....acccGuagauccgaauuuguu.....	1	1	c16
.....aUccuguagauccgaauuuguu.....	1	1	c16
.....acccuguagauccgaauuuguC.....	2	1	c16
.....acccuguagauccgaauuugCu.....	3	1	c16
.....acccCguagauccgaauuuguu.....	2	1	c16
.....acccuguagaucGgaauuuguu.....	2	1	c16
.....acAcuguagauccgaauuuguu.....	18	1	c16
.....acccuguagauccgaauuCguu.....	1	1	c16
.....acccuguagauccgaauuuCuu.....	7	1	c16
.....acccuguagauccgaauuuguu.....	4761	0	c16
.....Gcccuguagauccgaauuuguu.....	5	1	c16
.....acUcuguagauccgaauuuguu.....	4	1	c16
.....acccuguagauccCaauuuguu.....	4	1	c16
.....acccuguagauccgaaCuuguu.....	1	1	c16
.....acccuguagauccgaauAuguu.....	4	1	c16
.....acGcuguagauccgaauuuguu.....	1	1	c16
.....acccuguagaucUgaauuuguu.....	4	1	c16
.....acccuguagauccgaauuuguA.....	15	1	c16
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.....acccuguagauccgaauuGguu.....	1	1	c16
.....acccuguagaAccgaauuuguu.....	1	1	c16
.....acccuguagauccgaauuugGu.....	1	1	c16
.....acccuguagauccgaauuugAu.....	3	1	c16
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.....acccuguagauccgaaAuuguu.....	4	1	c16
.....acccuguagaucAgaauuuguu.....	18	1	c16
.....accAuguagauccgaauuuguu.....	10	1	c16
.....acccuguGgauccgaauuuguu.....	2	1	c16
.....acccuguagauccgaaGuuguu.....	2	1	c16
.....acccuAuagauccgaauuuguu.....	1	1	c16
.....acccuCuagauccgaauuuguu.....	14	1	c16
.....acccuguagauccgaauuuguG.....	3	1	c16
.....acccuguagauAcgaauuuguu.....	10	1	c16
.....acccuguagauccgaauuuAuu.....	1	1	c16
.....aGccuguagauccgaauuuguu.....	1	1	c16
.....acccuguagCuccgaauuuguuu.....	1	1	c16
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.....acccuguagauccgaauuuguuu.....	169	0	c16
.....acAcuguagauccgaauuuguuu.....	1	1	c16
.....acccuguagauccgaauuuguuA.....	196	1	c16
.....acccuguagauccgaauuuguuG.....	8	1	c16
.....acccuguagauccgaUuuuguuu.....	1	1	c16
.....acccCguagauccgaauuuguuu.....	1	1	c16
.....aUccuguagauccgaauuuguuu.....	1	1	c16
.....Ccccuguagauccgaauuuguuu.....	84	1	c16
.....acccuguaCauccgaauuuguuu.....	1	1	c16
.....acccuguUgauccgaauuuguuu.....	1	1	c16

Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....acccuguagauccgaauuuguuC.....	9	1	c16
.....aAccuguagauccgaauuuguuu.....	1	1	c16
.....acccuguagauccgaauuuguuuU.....	10	1	c16
.....acccuguagauccgaauuuguuAg.....	1	1	c16
.....acccuguagauccgaauuuguuuA.....	1	1	c16
.....acccuguagauccgaauuuguuug.....	2	0	c16
.....acccuguagauccgaauuuguuuga.....	2	0	c16
.....acccuguagauccgaauuuguuuUa.....	1	1	c16
.....Ccccuguagauccgaauuuguuuga.....	1	1	c16
.....acccuguagauccgaauuuguuugG.....	1	1	c16
.....acccuguagauccgaauuuguuuAa.....	2	1	c16
.....Ccccuguagauccgaauuuguuuugaagugaggcg.....	1	1	c16
.....acccuguagauccgaauuuguuugaagugaggcga.....	3	0	c16
.....Ccccuguagauccgaauuuguuugaagugaggcga.....	3	1	c16
.....cccuguagauccgaauuu.....	1	0	c16
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.....cccuguagauccgaauuugu.....	10	0	c16
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.....cAcuguagauccgaauuuguu.....	1	1	c16
.....Gccuguagauccgaauuuguu.....	1	1	c16
.....cccuguagauccgaauuuguu.....	8	0	c16
.....cccuguagauccgaauuuguuu.....	1	0	c16
.....ccuguagauccgaauuug.....	2	0	c16
.....ccuguagauccgUauuugu.....	1	1	c16
.....ccuguagauccgaauuugu.....	19	0	c16
.....ccuguagauccgaauuuguu.....	24	0	c16
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.....Uuguagauccgaauuuguu.....	1	1	c16
.....cuguagauccgaauuuguuA.....	1	1	c16
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.....uguagauccgaauuuguA.....	1	1	c16
.....uguagauccgaauuuguuA.....	1	1	c16
.....uguagauccgaauuuguuu.....	1	0	c16
.....ugaagugaggcgacaaauucgguucuagagagguuu.....	1	0	c16
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.....gGgacaaauucgguucuagagagguuu.....	1	1	c16
.....gGcaaauucgguucuagagaggu.....	1	1	c16
.....aAaaauucgguucuagagagguuu.....	2	1	c16
.....Ucaaauucgguucuagagagguuu.....	1	1	c16
.....caaauucgguucuagaga.....	75	0	c16
.....caaauucgguAcuagaga.....	1	1	c16
.....caaauucgguuAuagaga.....	1	1	c16
.....caaauucgguucuagagaA.....	5	1	c16
.....caaauuAgguucuagagag.....	1	1	c16
.....caaauucgguucuagagag.....	341	0	c16
.....caaaGucgguucuagagag.....	1	1	c16
.....caaauucgguucuagaCag.....	1	1	c16
.....caaaAucgguucuagagag.....	1	1	c16
.....caaauucgguuAuagagag.....	2	1	c16
.....cCaauucgguucuagagag.....	1	1	c16
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.....caaauucgguucuaCagag.....	1	1	c16
.....caaauucCguucuagagag.....	1	1	c16
.....caaauucgguuAuagagagg.....	5	1	c16
.....caaauucgguucuagagaCg.....	3	1	c16
.....Aaaauucgguucuagagagg.....	1	1	c16
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.....caaauucgguucuagagaUg.....	1	1	c16
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.....caaauucgguucuagagGgg.....	1	1	c16
.....caaauucgguucuagagagU.....	2	1	c16
.....caaaAucgguucuagagagg.....	3	1	c16
.....caaauucgguucuagagagA.....	1	1	c16
.....caaauucgUuucuagagagg.....	2	1	c16
.....caaauuUgguucuagagagg.....	2	1	c16

Mature Star

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.....caaauucgguucCagagaggu.....	1	1	c16
.....caaaAucgguucuagagaggu.....	3	1	c16
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.....caaauucgguGcuagagaggu.....	2	1	c16
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.....cGaauucgguucuagagaggu.....	1	1	c16
.....caaauucgUuucuagagaggu.....	1	1	c16
.....caaauucgguAcuagagaggu.....	1	1	c16
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.....caaauucggGucuagagaggu.....	1	1	c16
.....caaauucgguCcuagagaggu.....	1	1	c16
.....caaauucCguucuagagaggu.....	1	1	c16
.....caaauucgguuAuagagaggu.....	1	1	c16
.....caaauucgguucuagagagguC.....	4	1	c16
.....caaauucgguucuagagagUuu.....	4	1	c16
.....caaauucgguucuGgagagguu.....	1	1	c16
.....caaauucgguucuagaAagguu.....	1	1	c16
.....caaauucgguucAagagagguu.....	2	1	c16
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.....caaauucgguucuGgagagguuu.....	2	1	c16
.....caaauucgguucAagagagguuu.....	2	1	c16

Mature Star

aauuuuagugcccuacaucuacccuguagauccgaauuuguuugaagugaggcgacaaauucgguucuagagagguuuguguggugcaugcacugcaacguuucaagucug

.....caaauucgguucuagagaggGuu.....	4	1	c16
.....caaauucgguucuagaCagguuu.....	6	1	c16
.....caaauucgguucuaCagagguuu.....	5	1	c16
.....caaGuucgguucuagagagguuu.....	1	1	c16
.....caaaAucgguucuagagagguuu.....	10	1	c16
.....Uaaauucgguucuagagagguuu.....	2	1	c16
.....caaauucgguAcuagagagguuu.....	8	1	c16
.....caaauucggAucuagagagguuu.....	4	1	c16
.....caaauAcgguucuagagagguuu.....	6	1	c16
.....caaauucgguucuagagagguCu.....	3	1	c16
.....caaauucgguucuaUagagguuu.....	7	1	c16
.....Aaaauucgguucuagagagguuu.....	6	1	c16
.....caaaCucgguucuagagagguuu.....	3	1	c16
.....caaauucgguuAuagagagguuu.....	10	1	c16
.....caGauucgguucuagagagguuu.....	1	1	c16
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.....caaauucgguuGuagagagguuu.....	1	1	c16
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.....caaauucgguucuagagaggAuu.....	5	1	c16
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.....caaauucgguucuagagagguuug.....	191	0	c16
.....caaauucgguucuagagagguuGg.....	1	1	c16
.....caaauucgguucuagagagguuuC.....	14	1	c16
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.....caaauucgguucuagagagguuuA.....	75	1	c16
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.....caaauucgguucuagagagguuugG.....	4	1	c16
.....caaauucgguucuagagagguuugu.....	41	0	c16
.....caaauucgguucuagagagguuuUu.....	102	1	c16
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Mature Star

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.....aaauucCguucuagagagguu.....	1	1	c16
.....aaaAucgguucuagagagguu.....	1	1	c16
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.....aaauucgguAcuagagagguu.....	1	1	c16
.....aaauucgguucuagagagguA.....	1	1	c16
.....aaauucgguucuagagagguu.....	304	0	c16
.....aaauucgguucuagagaUguu.....	1	1	c16
.....aaauucgguuAuagagagguu.....	1	1	c16
.....aaauCcgguucuagagagguuu.....	1	1	c16
.....Caauucgguucuagagagguuu.....	92	1	c16
.....aaaCucgguucuagagagguuu.....	1	1	c16
.....aaauucgguucuagagagguAu.....	2	1	c16
.....aaauucgguucuagagagguuC.....	2	1	c16
.....aaauucgguucuagagagguuG.....	1	1	c16
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.....aaauucgguucuagagagCuuu.....	4	1	c16
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Mature Star

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..........aaauucgguucuagagagguuuAu..........	8	1	c16
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..........aaauucgCuucuagagagguuugu..........	1	1	c16
..........aaauucgguucuagagagguuugC..........	3	1	c16
..........aaauucgguucuagagagguuuguA..........	4	1	c16
..........aaauucgguucuagagagguuuguU..........	6	1	c16
..........aaauucgguucuagagagguuuguAu..........	4	1	c16
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..........Gucgguucuagagagguuu..........	4	1	c16
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..........uucgguucuagagagguuugu..........	2	0	c16
..........Gcgguucuagagagguuu..........	1	1	c16
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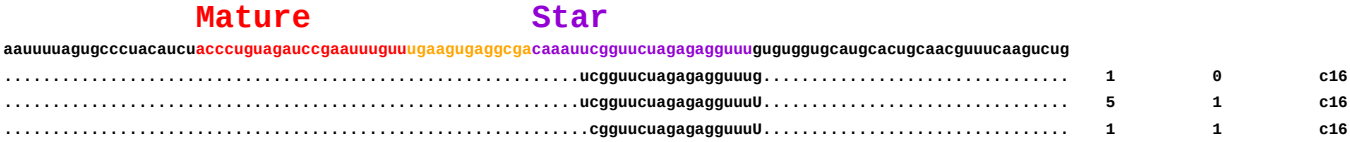
Mature
Star
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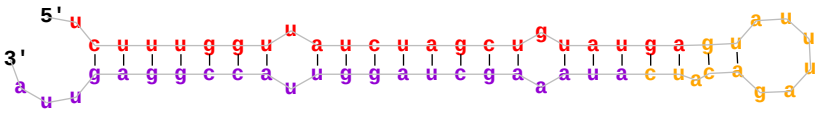
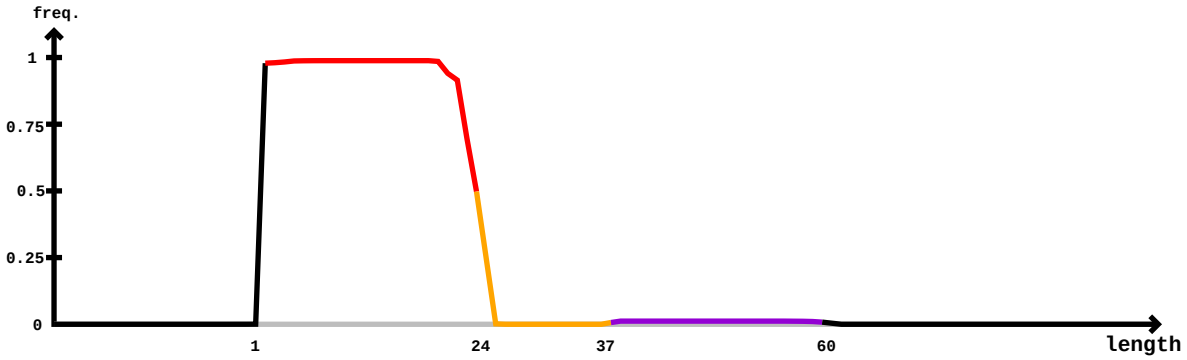
.....ucgguucuagagagguuug..... 1 0 c16
.....ucgguucuagagagguuuU..... 5 1 c16
.....cgguucuagagagguuuU..... 1 1 c16

Provisional ID	:	group7_12847
Score total	:	207593.7
Score for star read(s)	:	3.9
Score for read counts	:	207583.6
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	407178
Mature read count	:	402371
Loop read count	:	0
Star read count	:	4807





Mature **Star**

```
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    gaaaguagacuggguaguuaucuuuggguuaucuagcuguaugaguauuuagacaucauaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg      exp
    ....(((((.(((..(.(((.(((((((.(((((((.(((((((......)).)))))).)))))))).)))))))).))).).)))))))...(((.....))).........  reads      mm         sample
    ..............aAuuaucuuuggguuaucuagcuguaug.....................................................................................  1          1          c09
    ..............guuUucuuuggguuaucuagcugu.........................................................................................  1          1          c09
    ..............guuCucuuuggguuaucuagcuguaug.....................................................................................  1          1          c09
    ..............gCuaucuuuggguuaucuagcuguauga...................................................................................  1          1          c09
    ..............uuCucuuuggguuaucuagc...........................................................................................  1          1          c09
    ..............Cuaucuuuggguuaucuagcu.........................................................................................  1          1          c09
    ..............uuGucuuuggguuaucuagcugu.......................................................................................  1          1          c09
    ..............Auaucuuuggguuaucuagcuguauga...................................................................................  1          1          c09
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    ..............uuUucuuuggguuaucuagcuguauga...................................................................................  1          1          c09
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Mature Star

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Mature Star

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Mature Star

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.....cuuuggguuaucuagcuguauA.....	1	1	c09
.....cuuuCguuaucuagcuguaug.....	1	1	c09
.....cCuuggguuaucuagcuguaug.....	2	1	c09
.....cGuuggguuaucuagcuguaug.....	1	1	c09
.....cuuuggguuaucuagcuguaAg.....	1	1	c09
.....Uuuuggguuaucuagcuguauga.....	2	1	c09
.....cuuGgguuaucuagcuguauga.....	1	1	c09
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.....cuuuggguuaucuagcuguauga.....	116	0	c09
.....Guuuggguuaucuagcuguauga.....	1	1	c09
.....cuuugCuuaucuagcuguauga.....	1	1	c09
.....cuuugUuuaucuagcuguauga.....	1	1	c09
.....cAuuggguuaucuagcuguauga.....	1	1	c09
.....cuuuggguuaucuagcuguaugC.....	1	1	c09
.....Auuuggguuaucuagcuguauga.....	1	1	c09
.....cuuuggguuaucuagcuguaugaU.....	2	1	c09
.....cuuuggguuaucuagcuguaugaC.....	1	1	c09
.....cuuuggguuaucuagcuguaugaA.....	6	1	c09
.....Guuggguuaucuagcugua.....	1	1	c09
.....uuuggguuaucuagcugua.....	16	0	c09
.....uuuggguGucuagcugua.....	1	1	c09
.....uuuggguuaucuagcugAau.....	1	1	c09
.....uAuggguuaucuagcuguau.....	1	1	c09
.....uuuggguuaucuagcuguau.....	97	0	c09
.....Guuggguuaucuagcuguau.....	7	1	c09
.....Cuuggguuaucuagcuguau.....	1	1	c09
.....uuuggguuaucuagcuguGu.....	1	1	c09
.....uuuggguuaucuagcuguaA.....	2	1	c09
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.....uuuggguuaucuagcuguauC.....	1	1	c09
.....uuuggguuaucuagcuguauU.....	1	1	c09
.....uuuUguuaucuagcuguaug.....	1	1	c09
.....uuuggAuaucuagcuguaug.....	1	1	c09
.....uuuggguuaucuagcuguaug.....	88	0	c09
.....Guuggguuaucuagcuguaug.....	8	1	c09
.....uAuggguuaucuagcuguaug.....	1	1	c09
.....Auuggguuaucuagcuguaug.....	1	1	c09
.....uuuggguuaucuagcuguauga.....	185	0	c09
.....uuuggguuaucuagcuguaugG.....	1	1	c09
.....uuuggguuaucuagGuguauga.....	1	1	c09
.....Cuuggguuaucuagcuguauga.....	2	1	c09
.....uCuggguuaucuagcuguauga.....	1	1	c09
.....uuGgguuaucuagcuguauga.....	1	1	c09

Mature Star

gaaaguagacuggguuaguuaucuuuggguuaucuagcuguaugaguauuuagacaucauaaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg

.....uuuggguuauAuagcuguauga.....	1	1	c09
.....uuuggguuaucuagcuguaugC.....	3	1	c09
.....Guuggguuaucuagcuguauga.....	16	1	c09
.....uuuggguuaucuagcuguaugU.....	5	1	c09
.....uuuggguuaucuagcuguauAa.....	1	1	c09
.....Auuggguuaucuagcuguauga.....	1	1	c09
.....uuuggguuaucuagcuguaugaA.....	4	1	c09
.....uuuggguuaucuagcuguaugaU.....	2	1	c09
.....uuuggguuaucuagcuguaugGg.....	1	1	c09
.....Guuggguuaucuagcuguaugagu.....	1	1	c09
.....uCggguuaucuagcuguau.....	1	1	c09
.....uuggguuaucuaCcuguau.....	2	1	c09
.....Auggguuaucuagcuguau.....	4	1	c09
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.....uuggguuaucuaUcuguaug.....	1	1	c09
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.....uuggguuaucuagAuguauga.....	1	1	c09
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.....uuggguuaucuagcuguaugU.....	5	1	c09
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.....Cugguuaucuagcuguauga.....	2	1	c09
.....uuggguuaucuagcuguaugaU.....	7	1	c09
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.....ugUuuaucuagcuguaug.....	1	1	c09
.....ugguGaucuagcuguaug.....	1	1	c09
.....ugguuaucuagcuguauC.....	1	1	c09
.....ugguuaucuagcuguaug.....	47	0	c09
.....ugguuaucuagcuguauU.....	1	1	c09
.....ugguuaucuagcuCuaug.....	1	1	c09
.....Agguuaucuagcuguauga.....	1	1	c09
.....ugCuuaucuagcuguauga.....	1	1	c09
.....ugguuaucuagcuguauga.....	90	0	c09
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.....ugguuaucuagcuguaugaU.....	2	1	c09
.....ugguuaucuagcuguaugag.....	1	0	c09
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.....gguuaucuagcuguaugaU.....	1	1	c09
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.....guuaucuagcuguaugaA.....	3	1	c09
.....guuaucuagcuguaugaU.....	2	1	c09
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.....uuaucuagcuguaugaUu.....	1	1	c09
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.....auaaagcuagguuaccgga.....	17	0	c09
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.....auaaagcuagguuacAggag.....	1	1	c09
.....auaaagAuagguuaccggag.....	1	1	c09
.....auaaagUuagguuaccggag.....	1	1	c09
.....auaaagcuagguuaccggag.....	34	0	c09
.....auaaagcuagguuaccggagu.....	67	0	c09

Mature Star

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.....auaaagcuagguuacAggagu.....	1	1	c09
.....auaaagcuagguuaccggaguu.....	217	0	c09
.....Cuaaagcuagguuaccggaguu.....	2	1	c09
.....auaaagcuagguuaccUgaguu.....	1	1	c09
.....auaaaCcuagguuaccggaguu.....	1	1	c09
.....auaaagcuagguuaccggaUuu.....	1	1	c09
.....auaaagcuagguuacAggaguua.....	1	1	c09
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.....auaaagcuagguuaccggaguua.....	353	0	c09
.....auaaagcuaggAuaccggaguua.....	1	1	c09
.....auaaagcuagguuaccAgaguua.....	1	1	c09
.....Guaaagcuagguuaccggaguua.....	1	1	c09
.....auaaagcuagguuaccggaguuC.....	2	1	c09
.....auaaagcuagguuaccggaguuaG.....	3	1	c09
.....auaaagcuagguuaccggaguuaU.....	22	1	c09
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.....Caaagcuagguuaccggaguua.....	1	1	c09
.....uaaagcuagguuaccggaguuG.....	1	1	c09
.....uaaagcuagguuaccggaguuU.....	7	1	c09
.....Aaaagcuagguuaccggaguua.....	2	1	c09
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.....uaaagcuaggAuaccggaguua.....	1	1	c09
.....uaaagcuagguuacAggaguua.....	2	1	c09
.....uaaagcuGgguuaccggaguua.....	1	1	c09
.....Gaaagcuagguuaccggaguua.....	32	1	c09
.....uaaagcuagguuaccggaguuaC.....	1	1	c09
.....uaaagcuagguuaccggaguuaG.....	2	1	c09
.....uaaagcuagguuaccggaguuaU.....	13	1	c09
.....Gaaagcuagguuaccggaguuaa.....	1	1	c09
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.....Cgcuagguuaccggaguu.....	1	1	c09
.....agcuagguuaccggaguua.....	1	0	c09
.....agcuagguuaccggaguuaU.....	1	1	c09
.....gcuagguuaccggaguua.....	1	0	c09

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.....uGaucuuugguuaucuagcuguauga.....	2	1	c04
.....uaAcuuugguuaucuagcuguauga.....	2	1	c04
.....aucuuugguuaucuagcuguau.....	1	0	c04
.....aCcuuugguuaucuagcuguaug.....	1	1	c04
.....Cucuuugguuaucuagcuguauga.....	1	1	c04
.....auUuuugguuaucuagcuguauga.....	2	1	c04
.....aucAuugguuaucuagcuguauga.....	1	1	c04
.....aucuuugguuaucuagcuguauga.....	2	0	c04
.....aucuuugguuaucuagcuguaugaA.....	1	1	c04
.....Gcuuugguuaucuagcug.....	4	1	c04
.....ucuuugguuaucuagcuU.....	11	1	c04

Mature Star

gaaaguagacuggguaguuaucuuuggguuaucuagcuguaugaguauuuagacaucauaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg

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.....ucuuuggguaucuagcuA.....	1	1	c04
.....ucuuuggguaucuagcug.....	73	0	c04
.....ucuuuggguaucuagcuC.....	1	1	c04
.....ucuuuggguaucuagAug.....	1	1	c04
.....ucuuuggAuaucuagcugu.....	1	1	c04
.....ucuuuggguaucuagcugA.....	1	1	c04
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.....Gcuuuggguaucuagcugu.....	51	1	c04
.....Acuuuggguaucuagcugu.....	4	1	c04
.....ucuuuggguaucuagAugu.....	1	1	c04
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.....ucuuuggguaucuagcugG.....	2	1	c04
.....ucuuuggguaucuagcuUu.....	6	1	c04
.....ucuuugCuuaucuagcugu.....	2	1	c04
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.....ucuuuggguaucuagcugC.....	3	1	c04
.....ucuuuggguaCcuagcugua.....	1	1	c04
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.....ucuuuggguaucuagcuguC.....	3	1	c04
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.....ucuuuggguauAuagcugua.....	1	1	c04
.....ucuuuggguaucuaCcugua.....	1	1	c04
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.....ucuuuggGuaucuagcugua.....	1	1	c04
.....uGuuuggguaucuagcugua.....	1	1	c04
.....ucuAuggguaucuagcugua.....	1	1	c04
.....ucuuuCguuaucuagcuguau.....	3	1	c04
.....ucuuuggguaucuagAuguau.....	2	1	c04
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.....ucuuuggguaAcuagcuguau.....	1	1	c04
.....ucuuugAuuaucuagcuguau.....	1	1	c04
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.....ucuuuggguaucuagUuguau.....	1	1	c04
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.....ucuuuggguaucuGgcuguau.....	1	1	c04
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.....ucuuuggguaucuagcuCuau.....	3	1	c04
.....ucuuuggguaucuaCcuguau.....	1	1	c04
.....ucuuuggguaucuagcuguaG.....	2	1	c04
.....ucuuuggguaucuagcuguUu.....	1	1	c04
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.....ucuuuggguauUuagcuguau.....	1	1	c04
.....ucuuuggguaucuagcuUuau.....	1	1	c04
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.....ucuuuggguauAuagcuguau.....	1	1	c04
.....ucuuuggguaucuagcuguaA.....	21	1	c04
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.....ucuuuggguaucuagcuguGu.....	1	1	c04
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.....ucuuuggguaucuagcuguaGg.....	1	1	c04
.....ucuuuggguaucuaCcuguaug.....	3	1	c04

Mature Star

gaaaguagacuggguaguuaucuuuggguuaucuagcuguauguauuuuagacaucauaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg

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.....ucuAuggguuaucuagcuguaug.....	1	1	c04
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.....ucuuuggguuaucuagcuguaCg.....	1	1	c04
.....ucuuuggguuaucuGgcuguaug.....	3	1	c04
.....ucuuuggguuaucuagcuguauU.....	17	1	c04
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.....Acuuuggguuaucuagcuguaug.....	12	1	c04
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.....ucuuuCguuaucuagcuguaug.....	2	1	c04
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.....ucuuuggguuaucuagcuguaugU.....	21	1	c04
.....ucuuuggguuaucuagAuguauga.....	18	1	c04
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.....ucuuuggguuauUuagcuguauga.....	3	1	c04
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.....ucuuugUuuaucuagcuguauga.....	3	1	c04
.....ucuuuggguuaucuagcuguCuga.....	1	1	c04
.....ucuuugCuuaucuagcuguauga.....	8	1	c04
.....ucuuuggguuaucuagcuguauAa.....	18	1	c04
.....ucuuAgguuaucuagcuguauga.....	3	1	c04

Mature Star

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.....ucuuuggguuaucuagcuguaugG.....	11	1	c04
.....ucuuugAuuaucuagcuguauga.....	2	1	c04
.....ucuuuggguuaucuaUcuguauga.....	3	1	c04
.....ucuuuggguuaucuagUuguauga.....	2	1	c04
.....ucuuuggguuaucuagcugCauga.....	2	1	c04
.....Acuuuggguuaucuagcuguauga.....	41	1	c04
.....ucuuuAguuaucuagcuguauga.....	1	1	c04
.....ucuuuggguuaucuagcugGauga.....	1	1	c04
.....Gcuuuggguuaucuagcuguauga.....	501	1	c04
.....ucuuugguGaucuagcuguauga.....	2	1	c04
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.....ucuuuggguuaucGagcuguauga.....	1	1	c04
.....ucuuuggguuaucuagcuguUuga.....	3	1	c04
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.....ucuuuggguuaucuagcuguaugaU.....	36	1	c04
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.....ucuuuggguuaucuagcuCuaugag.....	1	1	c04
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.....ucuuuggguuaucuagGuguaugagu.....	1	1	c04
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.....ucuuuggguuaucuagcuguaugagC.....	4	1	c04
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.....cuAuggguuaucuagcuguaug.....	1	1	c04
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.....Auuuggguuaucuagcuguauga.....	7	1	c04
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.....Guuuggguuaucuagcuguauga.....	1	1	c04
.....cuuuggguuaucuagcuguaugaA.....	6	1	c04
.....uuuggguuaucuagcugua.....	5	0	c04
.....uCuggguuaucuagcuguau.....	2	1	c04
.....uuuggguuaucuagcuguau.....	4	0	c04
.....Auuggguuaucuagcuguau.....	1	1	c04
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.....Guuggguuaucuagcuguauga.....	4	1	c04
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.....Auuggguuaucuagcuguauga.....	6	1	c04
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.....uuggguuaucuagcuguau.....	7	0	c04
.....Auggguuaucuagcuguaug.....	1	1	c04
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Mature Star

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.....uugguuaucuagAuguauga.....	1	1	c04
.....uugguuaucuagcuguauga.....	40	0	c04
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.....uugguuaucuagcuguaugaA.....	31	1	c04
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.....ugguuaucuagcuguaug.....	2	0	c04
.....ugguuaucuagcuguauga.....	24	0	c04
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.....ugguuaucuagcuguaAga.....	1	1	c04
.....ugguuaucuagcuguauCa.....	1	1	c04
.....ugguuaucuagcuguaugaA.....	6	1	c04
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.....uaaagcuagguuaccggaguuaG.....	1	1	c04
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.....Cucuuugguuaucuagcuguau.....	2	1	c16
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Mature Star

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.....ucuuugUuuaucuagcugu.....	2	1	c16
.....ucuuuggguaucuagAugu.....	3	1	c16
.....ucuuuggAuaucuagcugu.....	1	1	c16
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.....ucuuuCguuaucuagcugu.....	2	1	c16
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.....ucuuuggguuaucuagUugua.....	1	1	c16
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.....ucuuuggguuaucuagcuguU.....	3	1	c16
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.....ucuuuggguuauAuagcugua.....	2	1	c16
.....ucuuuggguuaAcuagcugua.....	1	1	c16
.....Ccuuuggguuaucuagcuguau.....	2	1	c16
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.....ucuuuggguuaucuagGuguau.....	1	1	c16
.....Gcuuuggguuaucuagcuguau.....	945	1	c16
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Mature Star

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.....ucuuuCguuaucuagcuguau.....	7	1	c16
.....ucuuuggguuaAcuagcuguau.....	4	1	c16
.....ucuuuggguuaucuagcuguGu.....	2	1	c16
.....ucuuuggguuaucuagcuguaA.....	14	1	c16
.....ucuuuggguuaucuCgcuguau.....	2	1	c16
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.....ucuuugguuCucuagcuguau.....	2	1	c16
.....ucuuuggguuaucuagcGguau.....	1	1	c16
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.....ucuuuggguuaucuagcuguaG.....	5	1	c16
.....ucuuuggguGaucuagcuguau.....	8	1	c16
.....ucuuuggCuaucuagcuguau.....	1	1	c16
.....ucuuuggguuaucuagcuAuau.....	1	1	c16
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.....ucuuuggguuaucuagcCguau.....	6	1	c16
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.....ucuuuggguuaucuaUcuguau.....	2	1	c16
.....ucuuuggguuaucuagcuguUu.....	1	1	c16
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.....uUuuuggguuaucuagcuguau.....	8	1	c16
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.....ucAuuggguuaucuagcuguau.....	6	1	c16
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.....uAuuuggguuaucuagcuguaug.....	3	1	c16
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.....uUuuuggguuaucuagcuguaug.....	2	1	c16
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Mature Star

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.....ucuuuggguuaucuagcugCaug.....	4	1	c16
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.....ucuCuggguuaucuagcuguaug.....	1	1	c16
.....ucuuuggguuaucuagcuguauA.....	39	1	c16
.....ucuuuggguuaucuagcugGaug.....	1	1	c16
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Mature Star

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.....ucuuugUuuaucuagcuguauga.....	17	1	c16
.....ucAuuggguuaucuagcuguauga.....	15	1	c16
.....ucuuuggAuaucuagcuguauga.....	22	1	c16
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.....ucuuuUguuaucuagcuguauga.....	24	1	c16
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.....ucuuugguuaucuagcuguaugU.....	245	1	c16
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.....Guuggguuaucuagcuguau.....	1	1	c16
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Mature Star

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.....uaaagcuaggguuaccgga.....	2	0	c16
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Mature Star

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..........uaaagcuaCguuaccggaguua..........	2	1	c16
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Mature Star

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.....ucuuuggCuaucuagcugu.....	3	1	c02
.....ucuuuggguuaucuagcuAu.....	13	1	c02
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.....ucuuuggguuaucGagcugu.....	1	1	c02
.....ucuuuggguuaucuagcCgu.....	3	1	c02
.....Ccuuuggguuaucuagcugu.....	4	1	c02
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Mature Star

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.....ucuuuggguGucuagcuguau.....	5	1	c02

Mature Star

gaaaguagacuggguaguuaucuuuggguuaucuagcuguaugaguauuuagacaucauaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg

.....ucuCuggguuaucuagcuguau.....	9	1	c02
.....ucuuuggguuaucuagcuCuau.....	68	1	c02
.....ucuuuggguuaucuagcuguaG.....	11	1	c02
.....Acuuuggguuaucuagcuguau.....	186	1	c02
.....ucuuuggguuauAuagcuguau.....	45	1	c02
.....ucuuuggAuaucuagcuguau.....	32	1	c02
.....ucuuuggguuaucCagcuguau.....	11	1	c02
.....ucuuuggguuaucuagcuguaC.....	16	1	c02
.....ucuuuggguuaucuaAcuguau.....	7	1	c02
.....ucuuuggguuaCcuagcuguau.....	9	1	c02
.....ucuGuggguuaucuagcuguau.....	7	1	c02
.....ucuuuggguuaAcuagcuguau.....	16	1	c02
.....Gcuuuggguuaucuagcuguau.....	5610	1	c02
.....Ccuuuggguuaucuagcuguau.....	14	1	c02
.....ucuuuggguuaucuagcuguau.....	50166	0	c02
.....ucuuuCguuaucuagcuguau.....	86	1	c02
.....ucuuuggguCucuagcuguau.....	3	1	c02
.....ucuuuggguuaucuagGuguau.....	1	1	c02
.....ucuuuggguUucuagcuguau.....	6	1	c02
.....ucGuuggguuaucuagcuguau.....	12	1	c02
.....ucuuAgguuaucuagcuguau.....	42	1	c02
.....ucuuuggGuaucuagcuguau.....	9	1	c02
.....ucuuuggguuaucuagcCguau.....	17	1	c02
.....ucuuugguCaucuagcuguau.....	8	1	c02
.....ucuuuggguuaucGagcuguau.....	10	1	c02
.....ucuuuggguuaucuagcuAuau.....	12	1	c02
.....ucuuuggguuaucuagcuguaA.....	70	1	c02
.....uUuuuggguuaucuagcuguaug.....	40	1	c02
.....ucuuuggguuaGcuagcuguaug.....	6	1	c02
.....ucuuuggguuaucuGgcuguaug.....	18	1	c02
.....ucuuugguCaucuagcuguaug.....	5	1	c02
.....ucuAugguuaucuagcuguaug.....	16	1	c02
.....uAuuuggguuaucuagcuguaug.....	40	1	c02
.....ucuuuggguuaucuagcuguauU.....	194	1	c02
.....ucuuuggguuaucuagcuguGug.....	12	1	c02
.....ucuuuggguuaucCagcuguaug.....	15	1	c02
.....ucuuuggguuaucuagUuguaug.....	13	1	c02
.....ucuuugUuuaucuagcuguaug.....	28	1	c02
.....Acuuuggguuaucuagcuguaug.....	157	1	c02
.....ucuuuggguuaAcuagcuguaug.....	20	1	c02
.....ucuuugguAaucuagcuguaug.....	16	1	c02
.....ucuuuggguuaucuaAcuguaug.....	2	1	c02
.....ucuuuggguuaucuagcuguaAg.....	17	1	c02
.....ucuuuUguuaucuagcuguaug.....	32	1	c02
.....ucuuuggGuaucuagcuguaug.....	8	1	c02
.....ucuuuggguuaucuagcuguCug.....	1	1	c02
.....ucuuugguGaucuagcuguaug.....	10	1	c02
.....ucuuCgguuaucuagcuguaug.....	6	1	c02
.....ucuuGgguuaucuagcuguaug.....	8	1	c02
.....ucuuuggguuaucuagcuguauA.....	150	1	c02
.....ucuuuggguuaucuCgcuguaug.....	6	1	c02
.....ucuuuggguuaucuagcuguUug.....	9	1	c02
.....ucuuuggguuaucuagcugAaug.....	10	1	c02
.....Ccuuuggguuaucuagcuguaug.....	20	1	c02
.....ucuuuggguuaucuagcuguaGg.....	9	1	c02
.....ucuGuggguuaucuagcuguaug.....	4	1	c02
.....ucuuuCguuaucuagcuguaug.....	62	1	c02
.....ucCuuggguuaucuagcuguaug.....	9	1	c02
.....ucuuAgguuaucuagcuguaug.....	21	1	c02
.....ucuuuggguuaucuagcGguaug.....	7	1	c02
.....ucuuuggguuaucuagcuguauC.....	122	1	c02
.....ucuCuggguuaucuagcuguaug.....	5	1	c02
.....ucuuuggguuauUuagcuguaug.....	10	1	c02
.....ucuuuggguuaucuagcCguaug.....	22	1	c02
.....ucuuuggguuaucuagcuUuaug.....	7	1	c02
.....ucuuuggguuauGuagcuguaug.....	4	1	c02
.....ucuuuggguuaucuaUcuguaug.....	23	1	c02
.....ucuuugAuuaucuagcuguaug.....	6	1	c02
.....ucuuuggguuaucuagcugGaug.....	3	1	c02
.....ucGuuggguuaucuagcuguaug.....	10	1	c02

Mature Star

gaaaguagacuggguaguuaucuuuggguuaucuagcuguaugaguauuuagacaucauaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg

.....ucAuuggguuaucuagcuguaug.....	30	1	c02
.....ucuuuggguuaucuagcuCuaug.....	32	1	c02
.....ucuuugCuuaucuagcuguaug.....	53	1	c02
.....ucuuuggguuaucAagcuguaug.....	26	1	c02
.....ucuuuggAuaucuagcuguaug.....	36	1	c02
.....ucuuugguuaCcuagcuguaug.....	4	1	c02
.....ucuuuggCuaucuagcuguaug.....	12	1	c02
.....ucuuuggguuaucuagGuguaug.....	7	1	c02
.....ucuuuggguuaucuagcuguaCg.....	9	1	c02
.....ucuuuggguuUucuagcuguaug.....	9	1	c02
.....ucuuuggguuaucuagAuguaug.....	85	1	c02
.....ucuuuggguuaucuagcAguaug.....	14	1	c02
.....Gcuuuggguuaucuagcuguaug.....	4930	1	c02
.....ucuuuggguuGucuagcuguaug.....	7	1	c02
.....ucuuuggguuaucuUgcuguaug.....	10	1	c02
.....ucuuuggguuaucuaCcuguaug.....	57	1	c02
.....uGuuuggguuaucuagcuguaug.....	16	1	c02
.....ucuuuggguuaucuagcuAuaug.....	10	1	c02
.....ucuuuggguuaucuagcuguaug.....	44902	0	c02
.....ucuuuggguuauAuagcuguaug.....	70	1	c02
.....ucuuuggguuaucGagcuguaug.....	6	1	c02
.....ucuuuAguuaucuagcuguaug.....	2	1	c02
.....ucuuuggguuaucuagcugCaug.....	21	1	c02
.....ucuuuggguuaucuagcuguaAga.....	28	1	c02
.....ucuuuggguuaucuagcuguaugC.....	102	1	c02
.....ucuuugguuaGcuagcuguauga.....	6	1	c02
.....ucuuuUguuaucuagcuguauga.....	50	1	c02
.....ucuuugguuGucuagcuguauga.....	6	1	c02
.....ucCuuggguuaucuagcuguauga.....	26	1	c02
.....ucGuuggguuaucuagcuguauga.....	22	1	c02
.....uAuuuggguuaucuagcuguauga.....	57	1	c02
.....ucuuuggguuaucuagcuguaugU.....	1494	1	c02
.....ucuuuggguuUucuagcuguauga.....	11	1	c02
.....ucuuuggguuaucuagcuguauCa.....	73	1	c02
.....ucuuuggguuaucuagcAguauga.....	28	1	c02
.....ucuuuggguuaucuagGuguauga.....	12	1	c02
.....ucuGuggguuaucuagcuguauga.....	17	1	c02
.....uGuuuggguuaucuagcuguauga.....	27	1	c02
.....ucuuuggguuaucuagUuguauga.....	30	1	c02
.....ucuuuggGuaucuagcuguauga.....	20	1	c02
.....uUuuuggguuaucuagcuguauga.....	43	1	c02
.....ucuuuggguuaucGagcuguauga.....	9	1	c02
.....ucuuuggguuaucuagcuAuauga.....	23	1	c02
.....ucuuuggguuaucuagcugAauga.....	23	1	c02
.....ucuuAgguuaucuagcuguauga.....	54	1	c02
.....ucuuugguCaucuagcuguauga.....	16	1	c02
.....ucuuuggguuaucuaAcuguauga.....	12	1	c02
.....ucuuuggguuaucuagcuguaGga.....	8	1	c02
.....ucuuugguuaAcuagcuguauga.....	32	1	c02
.....ucuuuggguuaucuagcuguauAa.....	31	1	c02
.....ucuuugguuaCcuagcuguauga.....	14	1	c02
.....ucuuuggguuaucuCgcuguauga.....	18	1	c02
.....ucuuuggguuaucuagAuguauga.....	161	1	c02
.....ucuuuggguuaucuagcuUuauga.....	34	1	c02
.....ucuuuggguuaucuagcGguauga.....	19	1	c02
.....ucuuCgguuaucuagcuguauga.....	8	1	c02
.....ucuuuggguuaucuagcuguGuga.....	28	1	c02
.....ucuuugguAaucuagcuguauga.....	18	1	c02
.....ucuuuggguuaucuagcuguauga.....	89799	0	c02
.....ucuuugAuuaucuagcuguauga.....	11	1	c02
.....ucuuuggguuauGuagcuguauga.....	5	1	c02
.....ucuuuggguuaucuaCcuguauga.....	87	1	c02
.....ucuuugCuuaucuagcuguauga.....	95	1	c02
.....ucuuugguGaucuagcuguauga.....	17	1	c02
.....ucuuugguuCucuagcuguauga.....	8	1	c02
.....Gcuuuggguuaucuagcuguauga.....	10272	1	c02
.....ucuuuCguuaucuagcuguauga.....	122	1	c02
.....Ccuuuggguuaucuagcuguauga.....	42	1	c02
.....ucuuuggguuaucAagcuguauga.....	31	1	c02
.....ucuuuggguuaucuagcuguaugG.....	140	1	c02

Mature Star

gaaaguagacuggguaguuaucuuuggguuaucuagcuguaugaguauuuagacaucauaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg

.....ucuuuggguuaucuagcCguauga.....	42	1	c02
.....ucuuuggguuauAuagcuguauga.....	119	1	c02
.....ucuuuggguuaucCagcuguauga.....	15	1	c02
.....ucuuuggAuaucuagcuguauga.....	59	1	c02
.....ucuuuAguuaucuagcuguauga.....	16	1	c02
.....ucuuGgguuaucuagcuguauga.....	10	1	c02
.....ucuuugguuaucuagcuguUuga.....	19	1	c02
.....ucuuugUuuaucuagcuguauga.....	51	1	c02
.....ucuuugguuaucuUgcuguauga.....	8	1	c02
.....ucuuugguuaucuGgcuguauga.....	24	1	c02
.....ucuuugguuauUuagcuguauga.....	26	1	c02
.....ucuuugguuaucuagcuguCuga.....	5	1	c02
.....ucuuugguuaucuagcuguaCga.....	19	1	c02
.....ucuuugguuaucuagcuCuauga.....	120	1	c02
.....ucuCugguuaucuagcuguauga.....	11	1	c02
.....ucuuugguuaucuagcugGauga.....	5	1	c02
.....ucuuugguuaucuagcugCauga.....	43	1	c02
.....ucAuugguuaucuagcuguauga.....	47	1	c02
.....ucuAugguuaucuagcuguauga.....	33	1	c02
.....ucuuugguuaucuagcuguauUa.....	39	1	c02
.....ucuuugguuaucuaUcuguauga.....	51	1	c02
.....Acuuugguuaucuagcuguauga.....	406	1	c02
.....ucuuuggCuaucuagcuguauga.....	14	1	c02
.....ucuuugguuaucuagcuguauCag.....	1	1	c02
.....ucuuugguuaucuagcuguaugag.....	188	0	c02
.....ucuuuCguuaucuagcuguaugag.....	1	1	c02
.....ucuuugguuaucuagcuCuaugag.....	2	1	c02
.....Gcuuugguuaucuagcuguaugag.....	26	1	c02
.....ucuuugguuaucuagcuguaugaU.....	2016	1	c02
.....ucuuugguuaucuagcuguaugUg.....	6	1	c02
.....ucuuugguuaucuaUcuguaugag.....	1	1	c02
.....ucuuugguuaucuagcuguaugaA.....	5143	1	c02
.....ucuuugguuaucuagcuguaugaC.....	58	1	c02
.....ucuuugguuaucuagcuguaugGg.....	5	1	c02
.....ucuuugguuaucuagcuguaugaCu.....	3	1	c02
.....ucuuugguuaucuagcuguaugCgu.....	1	1	c02
.....ucuuugguuaucuagcuguaugaAu.....	141	1	c02
.....ucuuugguuaucuagcuguaugagA.....	12	1	c02
.....ucuuugguuaucuagcuguaugagG.....	8	1	c02
.....ucuuugguuaucuagcuguaugagu.....	8	0	c02
.....ucuuugguuaucuagcuguauCagu.....	1	1	c02
.....ucuuugguuaucuagcuguaugagC.....	5	1	c02
.....ucuuugguuaucuagcuguaugaUu.....	115	1	c02
.....ucuuugguuaucuagcuguaugaUua.....	2	1	c02
.....ucuuugguuaucuagcuguaugaAua.....	2	1	c02
.....ucuuugguuaucuagcuguaugagCa.....	1	1	c02
.....ucuuugguuaucuagcuguaugagGa.....	1	1	c02
.....ucuuugguuaucuagcuguaugaUuau.....	1	1	c02
.....ucuuugguuaucuagcuguaugaAuau.....	2	1	c02
.....cuuugguuaucuagcugu.....	16	0	c02
.....cAuugguuaucuagcugu.....	1	1	c02
.....Uuuugguuaucuagcugu.....	1	1	c02
.....cuuugguuaucuagcugua.....	5	0	c02
.....cuuugCuuaucuagcuguau.....	1	1	c02
.....cuuugguuaucuagcuguau.....	49	0	c02
.....Auuugguuaucuagcuguau.....	1	1	c02
.....Guuugguuaucuagcuguau.....	1	1	c02
.....cCuugguuaucuagcuguau.....	1	1	c02
.....cuuugguuaucuUgcuguau.....	1	1	c02
.....cuuugUuuaucuagcuguaug.....	1	1	c02
.....Guuugguuaucuagcuguaug.....	1	1	c02
.....cuuugguuaucuagcuguaug.....	48	0	c02
.....Auuugguuaucuagcuguaug.....	2	1	c02
.....cuCugguuaucuagcuguauga.....	1	1	c02
.....cuuugguuaucuagcuguaugU.....	3	1	c02
.....cAuugguuaucuagcuguauga.....	1	1	c02
.....cCuugguuaucuagcuguauga.....	3	1	c02
.....cuuugguuaucuagcuguauga.....	121	0	c02
.....cuGugguuaucuagcuguauga.....	1	1	c02
.....cuuugguuauAuagcuguauga.....	1	1	c02

Mature Star

gaaaguagacuggguaguuaucuuuggguuaucuagcuguaugaguauuuagacaucauaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg

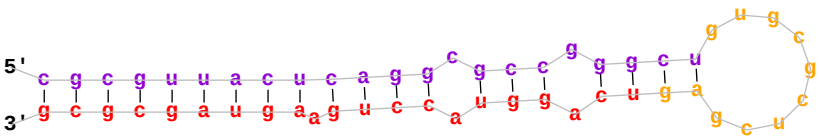
.....Auuuggguuaucuagcuguauga.....	5	1	c02
.....Guuuggguuaucuagcuguauga.....	1	1	c02
.....cuuuggguuaucuagcuguaugaU.....	1	1	c02
.....cuuuggguuaucuagcuguaugaA.....	4	1	c02
.....uuuggguuaucuagcuCua.....	1	1	c02
.....uuuggguuaucuagcugua.....	14	0	c02
.....uuuggguuaucuagcuguau.....	103	0	c02
.....Auuggguuaucuagcuguau.....	2	1	c02
.....uCuggguuaucuagcuguau.....	2	1	c02
.....Guuggguuaucuagcuguau.....	6	1	c02
.....uuuggguuaucuagcuguaug.....	102	0	c02
.....Cuuggguuaucuagcuguaug.....	1	1	c02
.....Guuggguuaucuagcuguaug.....	9	1	c02
.....uuuggguuauUuagcuguaug.....	1	1	c02
.....uuuggguuaucuagcuCuaug.....	1	1	c02
.....Auuggguuaucuagcuguauga.....	2	1	c02
.....Guuggguuaucuagcuguauga.....	28	1	c02
.....uuuggguuaucuagcuCuauga.....	1	1	c02
.....uuuggguuaucuagcuguaugC.....	1	1	c02
.....uuugAuuaucuagcuguauga.....	1	1	c02
.....uuuggguuaucuagcuguauga.....	183	0	c02
.....uuuggguuaucuagcuguaugU.....	3	1	c02
.....uGuggguuaucuagcuguauga.....	1	1	c02
.....uuugCuuaucuagcuguauga.....	2	1	c02
.....uuuggguuaucuagcuguaugaU.....	2	1	c02
.....uuuggguuaucuagcuguaugag.....	2	0	c02
.....uuuggguuaucuagcuguaugaC.....	1	1	c02
.....uuuggguuaucuagcuguaugaA.....	3	1	c02
.....uuuggguuaucuagcuguaugaUu.....	1	1	c02
.....uuuggguuaucuagcuguaugagu.....	1	0	c02
.....uuUguuaucuagcuguau.....	1	1	c02
.....uuggguuaucuagAuguau.....	1	1	c02
.....Gugguuaucuagcuguau.....	7	1	c02
.....uuggguuaucuagcuguau.....	94	0	c02
.....uuggguuaucuaUcuguau.....	1	1	c02
.....uuggguuauAuagcuguaug.....	1	1	c02
.....uuggguuaAcuagcuguaug.....	1	1	c02
.....Gugguuaucuagcuguaug.....	11	1	c02
.....uuggguuaucuagcuguaug.....	98	0	c02
.....uuggguuaucuagcuguauU.....	1	1	c02
.....uuggguuaCcuagcuguaug.....	1	1	c02
.....uugCuuaucuagcuguauga.....	1	1	c02
.....uuggguuaucuagcuguaugG.....	1	1	c02
.....uuggguuaucuagUuguauga.....	1	1	c02
.....Gugguuaucuagcuguauga.....	15	1	c02
.....uuggguuauUuagcuguauga.....	2	1	c02
.....uuggguuaucuagcuguaugU.....	5	1	c02
.....uuggguuaucuagcuguauga.....	235	0	c02
.....Augguuaucuagcuguauga.....	1	1	c02
.....uuggguuaucuagcuguaugaA.....	16	1	c02
.....uuggguuaucuagcuguaugaU.....	5	1	c02
.....uuggguuaucuagcuguaugaUu.....	1	1	c02
.....ugguuaucuagcuguaug.....	6	0	c02
.....Gguuaucuagcuguaug.....	1	1	c02
.....Gguuaucuagcuguauga.....	1	1	c02
.....ugguuaucuagcuguauga.....	15	0	c02
.....ugguuaucuagcuguaugaAu.....	1	1	c02
.....Uguuaucuagcuguauga.....	1	1	c02
.....gguuaucuagcuguauga.....	12	0	c02
.....gguuaucuagcuguaugaA.....	1	1	c02
.....guuaucuagcuguaugaA.....	4	1	c02
.....uuaucuagcuguaugagA.....	1	1	c02
.....uuaucuagcuguaugaUu.....	1	1	c02
.....uuaucuagcuguaugaAu.....	4	1	c02
.....auaaagcuagguuaccgg.....	4	0	c02
.....Cuaaagcuagguuaccgga.....	1	1	c02
.....auaaagcuagguuaccgga.....	15	0	c02
.....auaaagcuagguuaccggag.....	24	0	c02
.....Cuaaagcuagguuaccggagu.....	1	1	c02
.....auaaagcuagguuaccggagu.....	49	0	c02

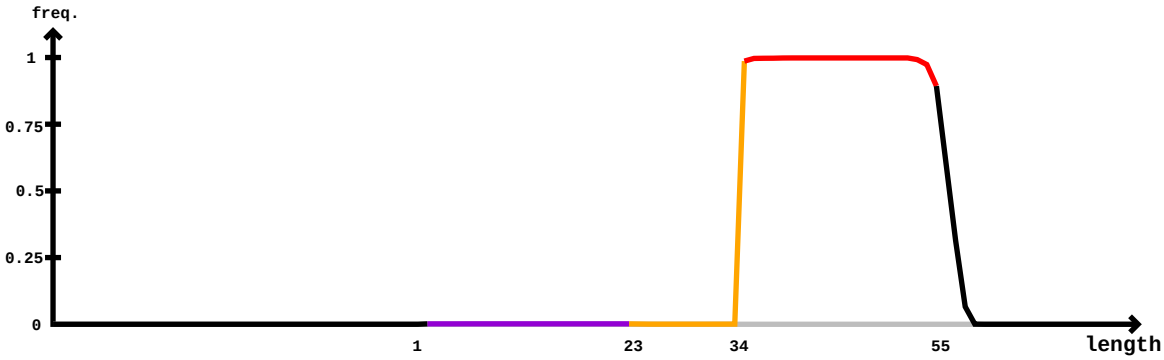
Mature Star

gaaaguagacuggguaguuaucuuuggguuaucuagcuguaugaguauuuagacaucauaaagcuaggguuaccggaguuaaguuccaucuacaucgucgauaugacaacacugg

.....auaaagcuaggguuacUggaguu.....	1	1	c02
.....auaaagcuaggguuacAggaguu.....	1	1	c02
.....auaaaUcuaggguuaccggaguu.....	1	1	c02
.....Cuaaagcuaggguuaccggaguu.....	3	1	c02
.....auaaagcuaggguuaccggaguu.....	114	0	c02
.....auaaaCcuaggguuaccggaguu.....	1	1	c02
.....auaaagcuagCuuaccggaguua.....	1	1	c02
.....auaaagcuaggguuaccggaguuG.....	1	1	c02
.....auaaagAuaggguuaccggaguua.....	1	1	c02
.....auaaagcuaggguuaccggagCua.....	1	1	c02
.....auaaagcuaggguuaccggaCuua.....	2	1	c02
.....auaaCgcuaggguuaccggaguua.....	1	1	c02
.....auaaagcAaggguuaccggaguua.....	1	1	c02
.....auaaagcuaggguuacAggaguua.....	4	1	c02
.....auaaagcuaggguuUccggaguua.....	1	1	c02
.....auaaagcuaggguuaccggaguuU.....	14	1	c02
.....aCaaagcuaggguuaccggaguua.....	1	1	c02
.....auaaagcuaggguuaccggaguua.....	460	0	c02
.....Cuaaagcuaggguuaccggaguua.....	14	1	c02
.....auaaagcuaggguuaccgCaguua.....	1	1	c02
.....auaaagcuaggguuaAcggaguua.....	1	1	c02
.....auaaagcuaggguuaccggaguuaa.....	27	0	c02
.....auaaagcuaggguuaccggaguuaC.....	2	1	c02
.....auaaagcuaggguuaccggaguuaU.....	15	1	c02
.....auaaagcuaggguuaccggaguuaag.....	1	0	c02
.....uaaagcuaggguuacAgga.....	1	1	c02
.....Gaaagcuaggguuaccgga.....	3	1	c02
.....uaaagcuaggguuaccgCa.....	1	1	c02
.....uaaagcuaggguuaccgga.....	17	0	c02
.....uaaagcuaggguuacAggag.....	1	1	c02
.....uaaagcuagguuGccggag.....	1	1	c02
.....uaaagcuaggguuaccggag.....	10	0	c02
.....uaaagcuaggguuaccggagu.....	19	0	c02
.....uaaagcuagUuuaccggagu.....	1	1	c02
.....uaaagcuaggguuaccggagA.....	1	1	c02
.....Gaaagcuaggguuaccggagu.....	6	1	c02
.....uaaagcuaggguuacAggagu.....	1	1	c02
.....uaaagcuaggguuaccggaguu.....	120	0	c02
.....Gaaagcuaggguuaccggaguu.....	15	1	c02
.....uaaagcuaggguuaccggaguA.....	2	1	c02
.....uaaagcuaggguuaccggagGu.....	1	1	c02
.....uaaagUuaggguuaccggaguu.....	2	1	c02
.....uaaagcuaggguuacAggaguu.....	2	1	c02
.....Aaaagcuaggguuaccggaguu.....	1	1	c02
.....uaaagcuagguuCccggaguu.....	1	1	c02
.....uaaagcuaggguuaccggaguuU.....	2	1	c02
.....uaaagcuaggguuaccggaguua.....	452	0	c02
.....uaaagcuaggguuacAggaguua.....	2	1	c02
.....uaaagcuaggguuaccggaguCa.....	1	1	c02
.....Aaaagcuaggguuaccggaguua.....	3	1	c02
.....uaaagcuaggguuaccAgaguua.....	2	1	c02
.....uaaagcuaggAuaccggaguua.....	1	1	c02
.....uaaagcuaggguuaccggaCuua.....	1	1	c02
.....uaaagcuaggguuaccggaguAa.....	1	1	c02
.....Gaaagcuaggguuaccggaguua.....	54	1	c02
.....uaaagcCaggguuaccggaguua.....	2	1	c02
.....Gaaagcuaggguuaccggaguuaa.....	2	1	c02
.....uaaagcuaggguuaccggaguuaa.....	16	0	c02
.....uaaagcuaggguuaccggaguuaG.....	2	1	c02
.....uaaagcuaggguuaccggaguuaU.....	20	1	c02
.....uaaagcuaggguuaccggaguuaaA.....	1	1	c02
.....aagcuaggguuaccggaguua.....	2	0	c02
.....Uagcuaggguuaccggaguua.....	1	1	c02
.....agcuaggguuaccggaguua.....	1	0	c02
.....agcuaggguuaccggaguuaU.....	1	1	c02
.....gcuaggguuaccggaguua.....	1	0	c02
.....Ucuaggguuaccggaguua.....	1	1	c02

Provisional ID	:	group8_13115
Score total	:	5.9
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	2.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	79940
Mature read count	:	79844
Loop read count	:	0
Star read count	:	96





Star **Mature**

```
5'- gagcgagcgcuauaaauaggagcaggcgacggcggcgcgcguuacucaggcgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccg  -3'   obs
    gagcgagcgcuauaaauaggagcaggcgacggcggcgcgcguuacucaggcgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccg        exp
    (.(((.(((((.........))).((((.((((((((((((((((((((.(((.((((.........)))).))).)))).)))))))))))))))))).)))))))))).
```

reads	mm	sample
1	0	c02
5	0	c02
1	1	c02
1	1	c02
1	1	c02
1	0	c02
1	0	c02
1	1	c02
8	1	c02
137	0	c02
1	1	c02
1	1	c02
2	1	c02
1	1	c02
1	1	c02
1	1	c02
1	1	c02
1	1	c02
1	1	c02
880	0	c02
1	1	c02
1	1	c02
1	1	c02
67	1	c02
2	1	c02
3	1	c02
1	1	c02
2	1	c02
1	1	c02
2	1	c02
1	1	c02
1	1	c02
2	1	c02

Star Mature

gagcgagcgcuauaaauaggagcaggcgacggcggcgcgcguuacucaggcgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccg

.....ucagguaccuCaaguagcgc.....	3	1	c02
.....ucaUguaccugaaguagcgc.....	2	1	c02
.....uUagguaccugaaguagcgc.....	6	1	c02
.....ucagguaccugaaguagAgc.....	7	1	c02
.....ucagguacUugaaguagcgc.....	3	1	c02
.....ucaggAaccugaaguagcgc.....	1	1	c02
.....uAagguaccugaaguagcgc.....	1	1	c02
.....ucagguaccugaaguagUgc.....	1	1	c02
.....ucagguacGugaaguagcgc.....	1	1	c02
.....Ccagguaccugaaguagcgc.....	2	1	c02
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.....ucagguUccugaaguagcgc.....	1	1	c02
.....ucagguaccugaaguGgcgc.....	1	1	c02
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.....ucagguaccugaaguCgcgc.....	1	1	c02
.....ucagguGccugaaguagcgc.....	1	1	c02
.....ucagCuaccugaaguagcgc.....	4	1	c02
.....ucagguaccugaGguagcgc.....	3	1	c02
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.....Acagguaccugaaguagcgc.....	4	1	c02
.....ucagguaAcugaaguagcgc.....	2	1	c02
.....ucaCguaccugaaguagcgc.....	2	1	c02
.....ucagguaccugaagAagcgc.....	1	1	c02
.....ucagguaccAgaaguagcgc.....	1	1	c02
.....ucagguCccugaaguagcgc.....	3	1	c02
.....ucagguaccugaUguagcgc.....	1	1	c02
.....ucagguaccugaaguagcUc.....	1	1	c02
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.....ucaggAaccugaaguagcgcg.....	4	1	c02
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.....ucagguacUugaaguagcgcg.....	2	1	c02
.....ucaggCaccugaaguagcgcg.....	4	1	c02
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.....ucagguaccugaaguagcCcg.....	8	1	c02
.....ucagguaccuAaaguagcgcg.....	2	1	c02
.....ucagguaccugaaguagcgGg.....	1	1	c02
.....ucCgguaccugaaguagcgcg.....	5	1	c02
.....ucagguaccugaaguaCcgcg.....	17	1	c02
.....uUagguaccugaaguagcgcg.....	8	1	c02
.....ucagguaccugaaguagcgAg.....	22	1	c02
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.....ucagguaccugaaguagGgcg.....	2	1	c02
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Star Mature

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.....ucaCguaccugaaguagcgcg.....	5	1	c02
.....ucagguaccugaGguagcgcg.....	6	1	c02
.....ucagguaccAgaaguagcgcg.....	8	1	c02
.....Acagguaccugaaguagcgcg.....	32	1	c02
.....ucagguaccugUaguagcgcg.....	2	1	c02
.....ucagguaccugaUguagcgcg.....	4	1	c02
.....ucagguaccugGaguagcgcg.....	1	1	c02
.....ucagguaccugaaguaAcgcg.....	1	1	c02
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.....ucagguacAugaaguagcgcg.....	12	1	c02
.....ucagguaAcugaaguagcgcg.....	8	1	c02
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.....ucagguaccugaaguagUgcgc.....	5	1	c02
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.....ucaggAaccugaaguagcgcgc.....	4	1	c02
.....ucagguaccugaaguaAcgcgc.....	1	1	c02
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Star Mature

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.....ucagguaUcugaaguagcgcgc.....	1	1	c02
.....ucGgguaccugaaguagcgcgc.....	3	1	c02
.....ucagguaccugaaguagcgcgA.....	103	1	c02
.....ucagguaccugaagAagcgcgc.....	1	1	c02
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.....ucagguaccugaaguagcgcgcgUc.....	2	1	c02
.....cagguaccugaaguagcg.....	1	0	c02
.....cagguaccugaaguagcC.....	1	1	c02
.....cagguaccugaaguagcgc.....	11	0	c02
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.....cagguaccugaaguagcgcg.....	26	0	c02
.....Uagguaccugaaguagcgcg.....	2	1	c02
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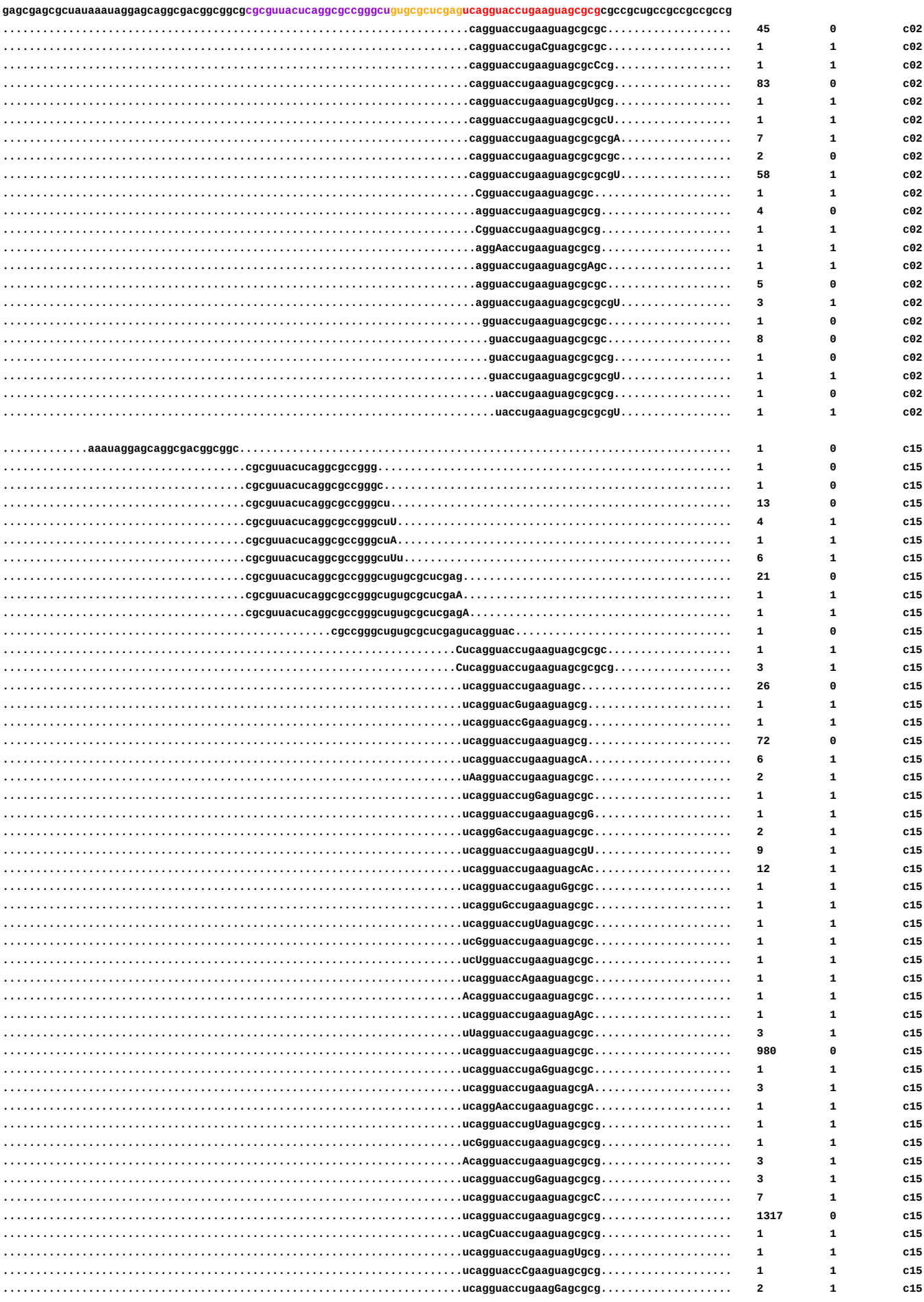
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.....cagguaccugaaguagcgcgcg..... 83 0 c02
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.....guaccugaaguagcgcgcgU..... 1 1 c02
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.....ucagguaccugaaguagcgG..... 1 1 c15
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.....ucagguaccugaaguagcAc..... 12 1 c15
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.....ucagguaccugaagGagcgcg..... 2 1 c15

Star Mature

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.....ucaggAaccugaaguagcgcg.....	1	1	c15
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.....ucagguaccugaUguagcgcg.....	1	1	c15
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.....uGagguaccugaaguagcgcg.....	3	1	c15
.....ucagguacUugaaguagcgcg.....	1	1	c15
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.....ucagguaccuCaaguagcgcgc.....	1	1	c15
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.....ucaggGaccugaaguagcgcgc.....	2	1	c15
.....ucagguaAcugaaguagcgcgc.....	1	1	c15
.....uUagguaccugaaguagcgcgc.....	4	1	c15
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.....ucagguacUugaaguagcgcgc.....	1	1	c15
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.....................................guuacucaggcgccgggcu.............................................  2  0  c16
.....................................uuacucaggcgccgggcu..............................................  1  0  c16
.....................................................................gaCucagguaccugaaguagcgcg.....  1  1  c16
.....................................................................Cucagguaccugaaguagcgcgc......  1  1  c16
.....................................................................ucagguCccugaaguagc...........  1  1  c16
.....................................................................Gcagguaccugaaguagc...........  7  1  c16
.....................................................................ucagguaccugaaCuagc...........  1  1  c16
.....................................................................Acagguaccugaaguagc...........  1  1  c16
.....................................................................ucagguaccugaaguagc...........  64  0  c16
.....................................................................ucagguaccugaaUuagc...........  1  1  c16
.....................................................................ucagguaccugaaguagcg..........  237  0  c16
.....................................................................ucagguaccugaaguGgcg..........  1  1  c16
.....................................................................ucagguaccugaaguaCcg..........  1  1  c16
.....................................................................ucGgguaccugaaguagcg..........  1  1  c16
.....................................................................Gcagguaccugaaguagcg..........  20  1  c16
.....................................................................ucagguaccugaaUuagcg..........  1  1  c16
.....................................................................Acagguaccugaaguagcg..........  2  1  c16
.....................................................................uGagguaccugaaguagcg..........  1  1  c16
.....................................................................ucaAguaccugaaguagcg..........  1  1  c16
.....................................................................ucagguaccugGaguagcg..........  1  1  c16
.....................................................................ucagguaccugaaguagcgc.........  934  0  c16
.....................................................................ucagguaAcugaaguagcgc.........  1  1  c16
.....................................................................ucagguaccugaaguaUcgc.........  2  1  c16
.....................................................................ucUgguaccugaaguagcgc.........  2  1  c16
.....................................................................ucagCuaccugaaguagcgc.........  2  1  c16
.....................................................................Gcagguaccugaaguagcgc.........  78  1  c16
```

Star Mature

gagcgagcgcuauaaauaggagcaggcgacggcggcgcgcguuacucaggcgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccg

.....ucagguaccugaaguCgcgc.....	3	1	c16
.....ucaggGaccugaaguagcgc.....	1	1	c16
.....ucaUguaccugaaguagcgc.....	2	1	c16
.....ucagguaccugaagAagcgc.....	1	1	c16
.....ucagguaccugaCguagcgc.....	1	1	c16
.....ucagguUccugaaguagcgc.....	2	1	c16
.....ucCgguaccugaaguagcgc.....	1	1	c16
.....ucagguaccCgaaguagcgc.....	1	1	c16
.....ucagguaccgaaguGgcgc.....	1	1	c16
.....ucagguCccugaaguagcgc.....	4	1	c16
.....ucagguaccugaaCuagcgc.....	2	1	c16
.....ucagguaccugaaguaCcgc.....	1	1	c16
.....ucagguaccugaaguagcgA.....	4	1	c16
.....ucagguaccugaaguagcgU.....	5	1	c16
.....ucagguacAugaaguagcgc.....	3	1	c16
.....ucGgguaccugaaguagcgc.....	1	1	c16
.....ucaggAaccugaaguagcgc.....	1	1	c16
.....uUagguaccugaaguagcgc.....	1	1	c16
.....Acagguaccugaaguagcgc.....	3	1	c16
.....ucagUuaccugaaguagcgc.....	1	1	c16
.....ucagguaccugaaguagAgc.....	3	1	c16
.....ucagguaccugaaguagcCc.....	2	1	c16
.....ucagguaccugCaguagcgc.....	1	1	c16
.....Ccagguaccugaaguagcgc.....	1	1	c16
.....ucagguaccgaaguGgcgcg.....	1	1	c16
.....ucagguaccugaGguagcgcg.....	4	1	c16
.....ucagguaccugaaguagcgcg.....	3180	0	c16
.....ucagguUccugaaguagcgcg.....	1	1	c16
.....ucagguaccugCaguagcgcg.....	2	1	c16
.....ucagguaccugaaguaUcgcg.....	1	1	c16
.....ucaggCaccugaaguagcgcg.....	2	1	c16
.....ucagguacAugaaguagcgcg.....	8	1	c16
.....ucagCuaccugaaguagcgcg.....	3	1	c16
.....ucagguaccugaaguagcgcA.....	5	1	c16
.....ucagguaccugaaguCgcgcg.....	3	1	c16
.....ucagguaccugaaguaAcgcg.....	1	1	c16
.....ucaggAaccugaaguagcgcg.....	3	1	c16
.....ucagguaccCgaaguagcgcg.....	4	1	c16
.....ucagguaccugaaguaCcgcg.....	2	1	c16
.....ucCgguaccugaaguagcgcg.....	2	1	c16
.....ucagguaccugaaCuagcgcg.....	5	1	c16
.....ucagguaccuCaaguagcgcg.....	2	1	c16
.....ucagguaccugaagCagcgcg.....	1	1	c16
.....ucagguCccugaaguagcgcg.....	3	1	c16
.....Gcagguaccugaaguagcgcg.....	227	1	c16
.....ucagguaccugaaUuagcgcg.....	2	1	c16
.....ucagguaccugaaguagcCcg.....	1	1	c16
.....ucaCguaccugaaguagcgcg.....	1	1	c16
.....ucagguaccugaaguagcAcg.....	1	1	c16
.....ucagguaccugaaguagAgcg.....	9	1	c16
.....ucagguaccugaCguagcgcg.....	2	1	c16
.....ucagguaccugaaguagcgAg.....	6	1	c16
.....ucagguaccugaaguagcUcg.....	4	1	c16
.....ucagguacUugaaguagcgcg.....	1	1	c16
.....ucagguacGugaaguagcgcg.....	1	1	c16
.....ucagguaccAgaaguagcgcg.....	1	1	c16
.....uAagguaccugaaguagcgcg.....	2	1	c16
.....ucagguaccGgaaguagcgcg.....	2	1	c16
.....ucGgguaccugaaguagcgcg.....	5	1	c16
.....Acagguaccugaaguagcgcg.....	12	1	c16
.....ucagguaAcugaaguagcgcg.....	2	1	c16
.....ucagguaccugaUguagcgcg.....	1	1	c16
.....ucagguaccugaaguagUgcg.....	5	1	c16
.....ucagguaccugaaguagcgcU.....	88	1	c16
.....ucagguaccuUaaguagcgcg.....	2	1	c16
.....uUagguaccugaaguagcgcg.....	5	1	c16
.....ucUgguaccugaaguagcgcg.....	1	1	c16
.....Ccagguaccugaaguagcgcg.....	1	1	c16
.....ucagguaccugaagAagcgcg.....	1	1	c16
.....ucagguaccugaaguagcgcC.....	6	1	c16

Star Mature

gagcgagcgcuauaaauaggagcaggcgacggcggcgcgcguuacucaggcgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccg

.....ucagguaccugaaguagcgcgc.....	1527	0	c16
.....ucagguaccuCaaguagcgcgc.....	1	1	c16
.....ucagguacAugaaguagcgcgc.....	2	1	c16
.....ucagguaccugaaguagcgcUc.....	2	1	c16
.....ucagguCccugaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaguagcgcgU.....	324	1	c16
.....ucagguaccugaaguaUcgcgc.....	3	1	c16
.....ucagguaccugaaguagcgcAc.....	1	1	c16
.....ucagguaccugaaguagcgAgc.....	1	1	c16
.....ucagguaccugaaCuagcgcgc.....	3	1	c16
.....ucGgguaccugaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaguagUgcgc.....	1	1	c16
.....ucagguaccugaaguagcgcCc.....	1	1	c16
.....ucagguaccugCaguagcgcgc.....	1	1	c16
.....ucagguaccugaaguagAgcgc.....	1	1	c16
.....ucagguaccugaaguagcAcgc.....	1	1	c16
.....ucagguaccugaagCagcgcgc.....	1	1	c16
.....ucagguaccCgaaguagcgcgc.....	1	1	c16
.....uUagguaccugaaguagcgcgc.....	2	1	c16
.....ucagguaccugaaguagcUcgc.....	1	1	c16
.....ucUgguaccugaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaguCgcgcgc.....	9	1	c16
.....ucagguaAcugaaguagcgcgc.....	3	1	c16
.....ucagguaccuUaaguagcgcgc.....	1	1	c16
.....Acagguaccugaaguagcgcgc.....	4	1	c16
.....ucagguaccugaaguagcgcgA.....	19	1	c16
.....ucagguaccugaaguGgcgcgc.....	1	1	c16
.....ucagguaccugaaguagcCcgc.....	1	1	c16
.....Gcagguaccugaaguagcgcgc.....	125	1	c16
.....ucagguaccugaaAuagcgcgc.....	1	1	c16
.....ucagguaccugaCguagcgcgc.....	1	1	c16
.....ucagguaccugaaguagcgUgc.....	3	1	c16
.....ucagUuaccugaaguagcgcgc.....	2	1	c16
.....ucagCuaccugaaguagcgcgc.....	1	1	c16
.....ucagguaUcugaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaguaCcgcgc.....	1	1	c16
.....ucagguaccugaaguagcgcgG.....	4	1	c16
.....ucagguUccugaaguagcgcgcg.....	1	1	c16
.....ucaAguaccugaaguagcgcgcg.....	1	1	c16
.....ucagguaccugaaguagcgcgcC.....	3	1	c16
.....ucagguaccugaaguagUgcgcg.....	2	1	c16
.....ucagguaccugaagAagcgcgcg.....	1	1	c16
.....ucagguaUcugaaguagcgcgcg.....	1	1	c16
.....ucaCguaccugaaguagcgcgcg.....	2	1	c16
.....ucagguaccugaaguagcCcgcg.....	4	1	c16
.....ucagguacAugaaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaguagcgcCcg.....	5	1	c16
.....ucGgguaccugaaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaguagcgcgcA.....	18	1	c16
.....ucagguaccugaaguaCcgcgcg.....	3	1	c16
.....ucagguaccGgaaguagcgcgcg.....	1	1	c16
.....ucagguaccugaaguagcUcgcg.....	3	1	c16
.....ucagguaccCgaaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaUuagcgcgcg.....	3	1	c16
.....ucagguaccugaaguagcgcgUg.....	5	1	c16
.....ucaggGaccugaaguagcgcgcg.....	2	1	c16
.....Acagguaccugaaguagcgcgcg.....	9	1	c16
.....ucagguaccugCaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaguagAgcgcg.....	15	1	c16
.....uUagguaccugaaguagcgcgcg.....	3	1	c16
.....uAagguaccugaaguagcgcgcg.....	2	1	c16
.....Gcagguaccugaaguagcgcgcg.....	252	1	c16
.....ucCgguaccugaaguagcgcgcg.....	3	1	c16
.....ucagguaccugaagCagcgcgcg.....	2	1	c16
.....ucagguaccuAaaguagcgcgcg.....	1	1	c16
.....ucagUuaccugaaguagcgcgcg.....	2	1	c16
.....ucagguaccugGaguagcgcgcg.....	1	1	c16
.....ucagguaccugaaguagcgAgcg.....	4	1	c16
.....ucagCuaccugaaguagcgcgcg.....	6	1	c16
.....ucagguCccugaaguagcgcgcg.....	2	1	c16

Star Mature

gagcgagcgcuauaaauaggagcaggcgacggcggcgcgcguuacucaggcgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccg

.....ucagguaccugaaguCgcgcgcg.....	8	1	c16
.....ucagguaccugaaguagcgGgcg.....	1	1	c16
.....ucagguaccugaaguagcgcgAg.....	7	1	c16
.....ucagguaccugaaguagcgcgcU.....	62	1	c16
.....ucagguaccAgaaguagcgcgcg.....	5	1	c16
.....ucagguaccuCaaguagcgcgcg.....	5	1	c16
.....ucagguaccugaaguagcgcgcg.....	3014	0	c16
.....ucUgguaccugaaguagcgcgcg.....	1	1	c16
.....ucagguaccugaaguagcgcgGg.....	1	1	c16
.....ucagguaAcugaaguagcgcgcg.....	2	1	c16
.....ucagguaccugaaCuagcgcgcg.....	4	1	c16
.....ucaUguaccugaaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaguGgcgcgcg.....	1	1	c16
.....ucagguaccugaCguagcgcgcg.....	1	1	c16
.....ucagguaccugaaguagcgcgcCc.....	1	1	c16
.....Gcagguaccugaaguagcgcgcgc.....	1	1	c16
.....ucagguaccugaaguagcgcgcgc.....	12	0	c16
.....ucCgguaccugaaguagcgcgcgc.....	1	1	c16
.....ucagguaccugaaguagcgcgcUc.....	5	1	c16
.....ucagguaccugaaguagcgcgcgA.....	60	1	c16
.....ucagguaccugaaguagcgcgcgU.....	660	1	c16
.....ucagguaccugaaguagcgcgcgG.....	1	1	c16
.....ucagguaccugaaguagcgcgcgcA.....	1	1	c16
.....ucagguaccugaaguagcgcgcgcc.....	2	0	c16
.....ucagguaccugaaguagcgcgcgAc.....	1	1	c16
.....ucagguaccugaaguagcgcgcgUc.....	1	1	c16
.....cagguaccugaaguagcg.....	2	0	c16
.....cagguaccugaaguagcgc.....	5	0	c16
.....cagguaccugaaguagcgcg.....	10	0	c16
.....cagCuaccugaaguagcgcgc.....	1	1	c16
.....cagguaccugaaguagcgcgc.....	11	0	c16
.....cagguaccugaaguagcgcgAg.....	1	1	c16
.....cagguaccugCaguagcgcgcg.....	1	1	c16
.....cagguaccugaaguagcgcgcA.....	1	1	c16
.....cagguaccugaaguagcgcgcg.....	70	0	c16
.....cagguaccuCaaguagcgcgcg.....	1	1	c16
.....cagguaccugaaguagcgcgcgA.....	5	1	c16
.....cagguaccugaaguagcgcgcgU.....	45	1	c16
.....agguaccugaaguagcgcg.....	2	0	c16
.....gguaccugaaguagcgcgc.....	1	0	c16
.....gguaccugaaguagcgcgcg.....	1	0	c16
.....guaccugaaguagcgcgc.....	3	0	c16
.....guaccugaaguagcgcgcg.....	2	0	c16
.....uaccugaaguagcgcgcg.....	3	0	c16
.....uaccugaaguagcgcgcgU.....	1	1	c16
.....accugaaguagcgcgcgU.....	1	1	c16

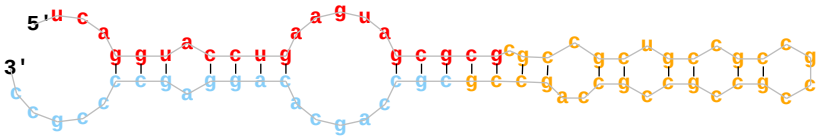
.....cgcguuacucaggcgccgggcu.....	7	0	c04
.....cgcguuacucaggcgccgggcuA.....	1	1	c04
.....gcguuacucaggcgccgggcu.....	1	0	c04
.....Ugucagguaccugaaguagcgcgcg.....	1	1	c04
.....Gcagguaccugaaguagc.....	1	1	c04
.....ucagguaccuCaaguagc.....	1	1	c04
.....ucagguaccugaaguagc.....	30	0	c04
.....ucagguaccugaaguagcg.....	10	0	c04
.....ucCgguaccugaaguagcgc.....	1	1	c04
.....ucagguaccugaaguagcgc.....	23	0	c04
.....ucagguaccugaaguagAgcg.....	2	1	c04
.....ucagguaccugaaguagcgcU.....	7	1	c04
.....ucagguCccugaaguagcgcg.....	1	1	c04
.....ucagguaccugaaAuagcgcg.....	1	1	c04
.....ucagguacAugaaguagcgcg.....	2	1	c04
.....ucagguaccugaaguaCcgcg.....	2	1	c04
.....ucagguaccugGaguagcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcg.....	488	0	c04
.....uUagguaccugaaguagcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcA.....	3	1	c04
.....Gcagguaccugaaguagcgcg.....	25	1	c04
.....Acagguaccugaaguagcgcg.....	1	1	c04
.....ucaAguaccugaaguagcgcgc.....	1	1	c04

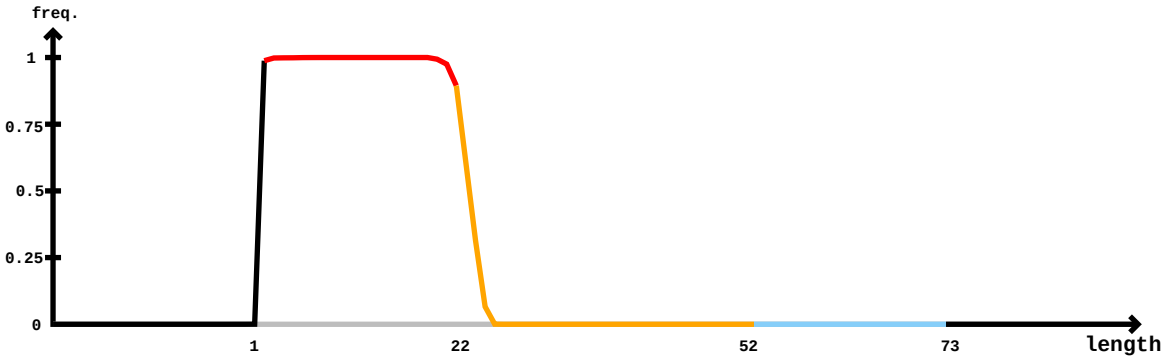
Star Mature

gagcgagcgcuauaaauaggagcaggcgacggcggcgcgcguuacucaggcgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccg

.....ucagguaUcugaaguagcgcgc.....	1	1	c04
.....ucagguaccugaaguagcgcCc.....	2	1	c04
.....ucagguaccugaaguagcgAgc.....	1	1	c04
.....ucagguaccugaaguagcgcgG.....	2	1	c04
.....ucaUguaccugaaguagcgcgc.....	1	1	c04
.....ucagguaccugaaguGgcgcgc.....	1	1	c04
.....ucagguaccugaaguagcgcgA.....	6	1	c04
.....ucagguaccGgaaguagcgcgc.....	1	1	c04
.....ucagguaAcugaaguagcgcgc.....	1	1	c04
.....Gcagguaccugaaguagcgcgc.....	28	1	c04
.....ucagguaccugaaguagcgcgc.....	291	0	c04
.....ucagguaccugCaguagcgcgc.....	2	1	c04
.....ucagguaccugaaguagcgcgU.....	24	1	c04
.....ucagguaccugaaguagcgcgUg.....	1	1	c04
.....ucagguaccugaaguagcgcgcU.....	8	1	c04
.....Acagguaccugaaguagcgcgcg.....	2	1	c04
.....ucagguCccugaaguagcgcgcg.....	2	1	c04
.....ucagguaccugaaguagcgcCcg.....	1	1	c04
.....ucagguaccugaaguagcgcgcA.....	5	1	c04
.....uUagguaccugaaguagcgcgcg.....	3	1	c04
.....ucUgguaccugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguagcgAgcg.....	1	1	c04
.....ucagguaccugaaCuagcgcgcg.....	1	1	c04
.....Gcagguaccugaaguagcgcgcg.....	33	1	c04
.....ucagguaccugaaguaCcgcgcg.....	1	1	c04
.....uGagguaccugaaguagcgcgcg.....	1	1	c04
.....ucagguacAugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcgcg.....	762	0	c04
.....ucagCuaccugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaagCagcgcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcgcC.....	3	1	c04
.....ucGgguaccugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguCgcgcgcg.....	1	1	c04
.....ucagguacGugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugCaguagcgcgcg.....	2	1	c04
.....ucagguaccCgaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaGguagcgcgcg.....	1	1	c04
.....ucagguaccAgaaguagcgcgcg.....	1	1	c04
.....ucagguaccuUaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcgcgU.....	98	1	c04
.....ucagguaccugaaguagcgcgcgA.....	15	1	c04
.....ucagguaccugaaguagcgcgGgc.....	1	1	c04
.....ucagguaccugaaguagcgcgcgGc.....	1	1	c04
.....cagguaccugaaguagcgcg.....	1	0	c04
.....cagguaccugaaguagcgcgc.....	1	0	c04
.....cagguaccugaaguagcgcgU.....	1	1	c04
.....cagguaccugaaguagcgcgcg.....	5	0	c04
.....cagguaccugaaguaUcgcgcg.....	1	1	c04
.....cagguaccugaaguagcgcgcgU.....	4	1	c04
.....agguaccugaaguagcgcgcg.....	1	0	c04
.....Ugguaccugaaguagcgcgcg.....	1	1	c04
.....gUuaccugaaguagcgcg.....	1	1	c04
.....guaccugaaguagcgcgc.....	1	0	c04
.....guaccugaaguagcgcgcg.....	3	0	c04
.....uCccugaaguagcgcgcg.....	1	1	c04
.....uaUcugaaguagcgcgcg.....	1	1	c04
.....uaccugaaguagcgcgcg.....	1	0	c04

Provisional ID	:	group8_13116
Score total	:	1.6
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	2.1
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	79845
Mature read count	:	79844
Loop read count	:	1
Star read count	:	0





Mature **Star**

```
5'- cgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccgccgccagccgcgccagcacaggagccccgccgccgcacgcccauuguacu  -3'   exp
    ....((((.((((((..((.((..(((.((((.....((((((.((.((.((.((....)).)).)).)..)))))))).....)))).)))..)))))..)))))))).....  reads     mm        sample
    ..............ucgaUucagguaccugaaguagcg.....................................................................  1         1         c02
    ..............Agagucagguaccugaaguagcgcg...................................................................  1         1         c02
    ..............gagucagguaccugaaguagcgcg.....................................................................  1         0         c02
    ..............gucagguaccugaaguagcgcgc......................................................................  1         0         c02
    ..............ucagguaccugaaAuagc...........................................................................  1         1         c02
    ..............ucGgguaccugaaguagc...........................................................................  1         1         c02
    ..............Gcagguaccugaaguagc...........................................................................  8         1         c02
    ..............ucagguaccugaaguagA...........................................................................  1         1         c02
    ..............ucagguaccugaaguagc...........................................................................  137       0         c02
    ..............ucagguaccCgaaguagc...........................................................................  1         1         c02
    ..............Acagguaccugaaguagc...........................................................................  2         1         c02
    ..............Acagguaccugaaguagcg..........................................................................  3         1         c02
    ..............ucagCuaccugaaguagcg..........................................................................  1         1         c02
    ..............ucagguaccCgaaguagcg..........................................................................  2         1         c02
    ..............ucaggAaccugaaguagcg..........................................................................  1         1         c02
    ..............ucagguaccugaaguaCcg..........................................................................  2         1         c02
    ..............ucagguaccAgaaguagcg..........................................................................  1         1         c02
    ..............ucagguaccugaaguagAg..........................................................................  2         1         c02
    ..............ucagguaccugaaCuagcg..........................................................................  1         1         c02
    ..............ucagguaccugaaguagcA..........................................................................  1         1         c02
    ..............ucagguaccugaaguagcg..........................................................................  880       0         c02
    ..............Ccagguaccugaaguagcg..........................................................................  1         1         c02
    ..............ucagguaccugaaguagcU..........................................................................  2         1         c02
    ..............ucaUguaccugaaguagcg..........................................................................  1         1         c02
    ..............ucagguaccugaaguagUg..........................................................................  1         1         c02
    ..............ucagguacAugaaguagcg..........................................................................  1         1         c02
    ..............ucagguGccugaaguagcg..........................................................................  1         1         c02
    ..............ucagguaAcugaaguagcg..........................................................................  1         1         c02
    ..............Gcagguaccugaaguagcg..........................................................................  67        1         c02
    ..............uUagguaccugaaguagcg..........................................................................  1         1         c02
    ..............ucagguaccugaaguagUgc.........................................................................  1         1         c02
    ..............ucagguaccugGaguagcgc.........................................................................  1         1         c02
    ..............ucagguaAcugaaguagcgc.........................................................................  2         1         c02
    ..............ucagguaccugaaguaCcgc.........................................................................  3         1         c02
```

Mature Star

cgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccgccgccagccgcgccagcacaggagccccgccgccgcacgcccauuguacu

.....Gcagguaccugaaguagcgc.....	252	1	c02
.....ucaggAaccugaaguagcgc.....	1	1	c02
.....ucagguaccugaaguagAgc.....	7	1	c02
.....ucagguaccugaUguagcgc.....	1	1	c02
.....ucagguaccugaaguagcgU.....	8	1	c02
.....ucagguaccuCaaguagcgc.....	3	1	c02
.....ucaggCaccugaaguagcgc.....	1	1	c02
.....ucagguaccugaaguCgcgc.....	1	1	c02
.....ucagguCccugaaguagcgc.....	3	1	c02
.....ucagUuaccugaaguagcgc.....	1	1	c02
.....Acagguaccugaaguagcgc.....	4	1	c02
.....ucagguaccugaaguagcUc.....	1	1	c02
.....ucagguaccugaaguagcgA.....	8	1	c02
.....uGagguaccugaaguagcgc.....	1	1	c02
.....ucagguaccugaGguagcgc.....	3	1	c02
.....ucaCguaccugaaguagcgc.....	2	1	c02
.....ucaUguaccugaaguagcgc.....	2	1	c02
.....ucagguGccugaaguagcgc.....	1	1	c02
.....ucagguacUugaaguagcgc.....	3	1	c02
.....ucagguacGugaaguagcgc.....	1	1	c02
.....ucagguaccugaagAagcgc.....	1	1	c02
.....Ccagguaccugaaguagcgc.....	2	1	c02
.....uAagguaccugaaguagcgc.....	1	1	c02
.....ucagCuaccugaaguagcgc.....	4	1	c02
.....ucGgguaccugaaguagcgc.....	1	1	c02
.....ucaAguaccugaaguagcgc.....	1	1	c02
.....ucagguaccugaaguagcCc.....	1	1	c02
.....ucagguaccugaaguagcgc.....	2683	0	c02
.....ucagguaccugaaguGgcgc.....	1	1	c02
.....ucagguaccugCaguagcgc.....	1	1	c02
.....ucagguaccAgaaguagcgc.....	1	1	c02
.....uUagguaccugaaguagcgc.....	6	1	c02
.....ucagguUccugaaguagcgc.....	1	1	c02
.....ucagguaccuUaaguagcgc.....	1	1	c02
.....ucagguaccCgaaguagcgc.....	2	1	c02
.....ucagguaccGgaaguagcgcg.....	6	1	c02
.....ucagguaccuUaaguagcgcg.....	3	1	c02
.....ucCgguaccugaaguagcgcg.....	5	1	c02
.....ucagguGccugaaguagcgcg.....	1	1	c02
.....Acagguaccugaaguagcgcg.....	32	1	c02
.....ucagguaccugaGguagcgcg.....	6	1	c02
.....ucagguaccuCaaguagcgcg.....	10	1	c02
.....ucagguaccugaaguaAcgcg.....	1	1	c02
.....ucagguaccugaaguagcAcg.....	3	1	c02
.....ucagguaccugaaguagcgUg.....	3	1	c02
.....Gcagguaccugaaguagcgcg.....	896	1	c02
.....ucagguaccugaaguagAgcg.....	31	1	c02
.....ucaAguaccugaaguagcgcg.....	1	1	c02
.....uUagguaccugaaguagcgcg.....	8	1	c02
.....ucagAuaccugaaguagcgcg.....	2	1	c02
.....ucagguacAugaaguagcgcg.....	12	1	c02
.....ucagguaccuAaaguagcgcg.....	2	1	c02
.....ucUgguaccugaaguagcgcg.....	2	1	c02
.....Ccagguaccugaaguagcgcg.....	5	1	c02
.....ucagguaccugaaguagcgcg.....	10625	0	c02
.....ucagguaAcugaaguagcgcg.....	8	1	c02
.....ucagguaccAgaaguagcgcg.....	8	1	c02
.....ucagguCccugaaguagcgcg.....	6	1	c02
.....ucagguaccugaaguagcgcC.....	14	1	c02
.....ucagguaccugaaguaUcgcg.....	5	1	c02
.....ucagguaccugUaguagcgcg.....	2	1	c02
.....ucaggCaccugaaguagcgcg.....	4	1	c02
.....uGagguaccugaaguagcgcg.....	1	1	c02
.....ucagguaccugaaguagGgcg.....	2	1	c02
.....ucagguaccugaaguGgcgcg.....	2	1	c02
.....ucagguacGugaaguagcgcg.....	3	1	c02
.....ucagguaccugaaguCgcgcg.....	3	1	c02
.....ucagguaccugaaguagcgcA.....	22	1	c02
.....ucagguaccugaaguagcgAg.....	22	1	c02
.....ucaCguaccugaaguagcgcg.....	5	1	c02

Mature Star

cgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccgccgccagccgcgccagcacaggagccccgccgccgcacgcccauuguacu

.....ucagguaccugGaguagcgcg.....	1	1	c02
.....ucagguaccugaUguagcgcg.....	4	1	c02
.....ucaUguaccugaaguagcgcg.....	7	1	c02
.....uAagguaccugaaguagcgcg.....	3	1	c02
.....ucGgguaccugaaguagcgcg.....	7	1	c02
.....ucagguaccugaaguUgcgcg.....	2	1	c02
.....ucagguaccugaaguagcgGg.....	1	1	c02
.....ucagguaccugaaguaCcgcg.....	17	1	c02
.....ucaggAaccugaaguagcgcg.....	4	1	c02
.....ucagUuaccugaaguagcgcg.....	3	1	c02
.....ucagguaccugaaguagcgcU.....	90	1	c02
.....ucagguaccugaaUuagcgcg.....	1	1	c02
.....ucagguaccugaaCuagcgcg.....	7	1	c02
.....ucagguaUcugaaguagcgcg.....	4	1	c02
.....ucagguaccugaaguagcUcg.....	11	1	c02
.....ucagguaccugaagCagcgcg.....	3	1	c02
.....ucagguUccugaaguagcgcg.....	1	1	c02
.....ucagguaccugaaguagUgcg.....	5	1	c02
.....ucagguaccCgaaguagcgcg.....	7	1	c02
.....ucagguaccugaaguagcCcg.....	8	1	c02
.....ucagguaccugaagGagcgcg.....	2	1	c02
.....ucagguaccugCaguagcgcg.....	5	1	c02
.....ucagCuaccugaaguagcgcg.....	7	1	c02
.....ucagguacUugaaguagcgcg.....	2	1	c02
.....ucagguaccugaaguaUcgcgc.....	2	1	c02
.....ucagguaccugaaguagcAcgc.....	1	1	c02
.....ucaAguaccugaaguagcgcgc.....	3	1	c02
.....ucagguaccugaaguagUgcgc.....	5	1	c02
.....ucagguaccugaaguagcgcgc.....	5676	0	c02
.....Gcagguaccugaaguagcgcgc.....	485	1	c02
.....ucagguaccugaaguagcgcUc.....	2	1	c02
.....ucagguaccugCaguagcgcgc.....	2	1	c02
.....ucagguaccugaaguagcgcgU.....	343	1	c02
.....ucUgguaccugaaguagcgcgc.....	2	1	c02
.....ucagguaccugaaguaAcgcgc.....	1	1	c02
.....ucagguaccugaUguagcgcgc.....	2	1	c02
.....ucagguaccugaaguaCcgcgc.....	4	1	c02
.....ucagguacUugaaguagcgcgc.....	2	1	c02
.....ucagguaccugaaguagAgcgc.....	25	1	c02
.....ucaUguaccugaaguagcgcgc.....	1	1	c02
.....ucagguaccugaaguagcgcgG.....	7	1	c02
.....ucagguaccugaaUuagcgcgc.....	4	1	c02
.....ucagguaccugaaCuagcgcgc.....	4	1	c02
.....ucagAuaccugaaguagcgcgc.....	1	1	c02
.....ucagguaccugaaguGgcgcgc.....	4	1	c02
.....ucagguUccugaaguagcgcgc.....	1	1	c02
.....ucagguaccugaCguagcgcgc.....	2	1	c02
.....ucagguaccAgaaguagcgcgc.....	4	1	c02
.....ucGgguaccugaaguagcgcgc.....	3	1	c02
.....ucagguaccuCaaguagcgcgc.....	1	1	c02
.....ucagguaccGgaaguagcgcgc.....	2	1	c02
.....ucagguCccugaaguagcgcgc.....	11	1	c02
.....Acagguaccugaaguagcgcgc.....	11	1	c02
.....ucagguaccugaaguagcgcCc.....	2	1	c02
.....ucaggCaccugaaguagcgcgc.....	1	1	c02
.....ucaggAaccugaaguagcgcgc.....	4	1	c02
.....ucCgguaccugaaguagcgcgc.....	4	1	c02
.....ucagguaUcugaaguagcgcgc.....	1	1	c02
.....uUagguaccugaaguagcgcgc.....	10	1	c02
.....ucagguaccugaaguCgcgcgc.....	22	1	c02
.....ucagguaccugaagAagcgcgc.....	1	1	c02
.....ucagguaccugaaguagcgcAc.....	3	1	c02
.....ucagguacAugaaguagcgcgc.....	1	1	c02
.....ucagguaccuUaaguagcgcgc.....	3	1	c02
.....ucagguaccugaaguagcgcgA.....	103	1	c02
.....ucaCguaccugaaguagcgcgc.....	8	1	c02
.....ucagguaccCgaaguagcgcgc.....	4	1	c02
.....ucagguaccugaagGagcgcgc.....	1	1	c02
.....ucagguaccugaaguagcUcgc.....	7	1	c02
.....ucagguaccugaaguagcgAgc.....	11	1	c02

Mature Star

cgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccgccgccagccgcgccagcacaggagccccgccgccgcacgcccauuguacu

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.....ucagguaccugaGguagcgcgc.....	2	1	c02
.....ucagguaccugaaguagcgUgc.....	2	1	c02
.....ucagguaAcugaaguagcgcgc.....	6	1	c02
.....ucagguaccugaaguagcCcgc.....	5	1	c02
.....Ccagguaccugaaguagcgcgc.....	1	1	c02
.....uAagguaccugaaguagcgcgc.....	5	1	c02
.....ucagguaccugaagCagcgcgcg.....	1	1	c02
.....Acagguaccugaaguagcgcgcg.....	4	1	c02
.....ucagguaccugaaguUgcgcgcg.....	1	1	c02
.....ucagguaccugUaguagcgcgcg.....	1	1	c02
.....ucagguacAugaaguagcgcgcg.....	2	1	c02
.....ucagguaccugaaUuagcgcgcg.....	1	1	c02
.....ucagguaUcugaaguagcgcgcg.....	1	1	c02
.....ucagguaccugaaguagcgcgAg.....	4	1	c02
.....ucagguaccugaaguagAgcgcg.....	4	1	c02
.....ucagguaccugaaguGgcgcgcg.....	1	1	c02
.....ucagguaccugaaguCgcgcgcg.....	8	1	c02
.....ucagguaccugaaguagcgcgGg.....	1	1	c02
.....ucagguaccugaaguagcUcgcg.....	1	1	c02
.....ucagguaccugaaguagGgcgcg.....	1	1	c02
.....ucagguaccAgaaguagcgcgcg.....	1	1	c02
.....ucCgguaccugaaguagcgcgcg.....	2	1	c02
.....ucagguacGugaaguagcgcgcg.....	2	1	c02
.....ucagguaccugaaguagcgcgcU.....	45	1	c02
.....ucagguaccugaaCuagcgcgcg.....	3	1	c02
.....ucagguaccugGaguagcgcgcg.....	1	1	c02
.....ucagguaccCgaaguagcgcgcg.....	1	1	c02
.....ucagguCccugaaguagcgcgcg.....	3	1	c02
.....ucagCuaccugaaguagcgcgcg.....	3	1	c02
.....ucagguaccugaaguagcgcgcg.....	1468	0	c02
.....ucagguaccugaaguagcgAgcg.....	3	1	c02
.....ucagguaccugaaguagcgcgcC.....	5	1	c02
.....ucagguaccugCaguagcgcgcg.....	2	1	c02
.....Gcagguaccugaaguagcgcgcg.....	119	1	c02
.....uUagguaccugaaguagcgcgcg.....	1	1	c02
.....ucagguaccuUaaguagcgcgcg.....	2	1	c02
.....ucagguaccugaaguagcgcgcA.....	49	1	c02
.....ucagguaccugaaguagcgcCcg.....	2	1	c02
.....ucagguaccugaaguaUcgcgcg.....	3	1	c02
.....ucagguaccugaaguagcgcgUg.....	3	1	c02
.....uAagguaccugaaguagcgcgcg.....	1	1	c02
.....ucagguaccugaaguagcCcgcg.....	1	1	c02
.....ucagguaccugaaguagcgcUcg.....	4	1	c02
.....ucagguaccugaaguagcgGgcg.....	1	1	c02
.....ucagguaccugaagAagcgcgcg.....	2	1	c02
.....ucagguaAcugaaguagcgcgcg.....	2	1	c02
.....ucagguaccuCaaguagcgcgcg.....	2	1	c02
.....Ccagguaccugaaguagcgcgcg.....	3	1	c02
.....ucaCguaccugaaguagcgcgcg.....	2	1	c02
.....ucagguaccugaaguaCcgcgcg.....	3	1	c02
.....ucagguaccugaaCuagcgcgcgc.....	1	1	c02
.....ucagguaccugaaguagcgcgcgU.....	536	1	c02
.....ucagguaccugaaguagcgcgcgA.....	81	1	c02
.....ucagguaccugaaguagcgcgcgc.....	5	0	c02
.....Gcagguaccugaaguagcgcgcgc.....	1	1	c02
.....ucagguaccugaaguagcgcgcgG.....	2	1	c02
.....ucagguaccugaaguagcgcgcgUc.....	2	1	c02
.....cagguaccugaaguagcg.....	1	0	c02
.....cagguaccugaaguagcC.....	1	1	c02
.....cagguaccugaaguagcgc.....	11	0	c02
.....Uagguaccugaaguagcgcg.....	2	1	c02
.....cagguaccugaaguagcgcg.....	26	0	c02
.....cagguaccugaaguagAgcg.....	1	1	c02
.....cagguaccugaCguagcgcgc.....	1	1	c02
.....cagguaccugaaguagcgcgA.....	1	1	c02
.....cagguaccugaaguagAgcgc.....	1	1	c02
.....cagguaccugaaguagcgcgc.....	45	0	c02
.....cagguaccugaaguagcgcgcg.....	83	0	c02
.....cagguaccugaaguagcgUgcg.....	1	1	c02

Mature Star

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.....................cagguaccugaaguagcgcgcU.....  1  1  c02
.....................cagguaccugaaguagcgcCcg.....  1  1  c02
.....................cagguaccugaaguagcgcgcgc.....  2  0  c02
.....................cagguaccugaaguagcgcgcgU.....  58  1  c02
.....................cagguaccugaaguagcgcgcgA.....  7  1  c02
......................Cgguaccugaaguagcgc.....  1  1  c02
......................agguaccugaaguagcgcg.....  4  0  c02
......................aggAaccugaaguagcgcg.....  1  1  c02
......................Cgguaccugaaguagcgcg.....  1  1  c02
......................agguaccugaaguagcgAgc.....  1  1  c02
......................agguaccugaaguagcgcgc.....  5  0  c02
......................agguaccugaaguagcgcgcgU.....  3  1  c02
.......................gguaccugaaguagcgcgc.....  1  0  c02
........................guaccugaaguagcgcgc.....  8  0  c02
........................guaccugaaguagcgcgcg.....  1  0  c02
........................guaccugaaguagcgcgcgU.....  1  1  c02
.........................uaccugaaguagcgcgcg.....  1  0  c02
.........................uaccugaaguagcgcgcgU.....  1  1  c02

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...................Cucagguaccugaaguagcgcgc.....  1  1  c15
...................Cucagguaccugaaguagcgcgcg.....  3  1  c15
.....................ucagguaccugaaguagc.....  26  0  c15
.....................ucagguaccugaaguagcA.....  6  1  c15
.....................ucagguacGugaaguagcg.....  1  1  c15
.....................ucagguaccGgaaguagcg.....  1  1  c15
.....................ucagguaccugaaguagcg.....  72  0  c15
.....................ucagguaccugaaguagcgU.....  9  1  c15
.....................ucagguaccugaGguagcgc.....  1  1  c15
.....................Acagguaccugaaguagcgc.....  1  1  c15
.....................ucagguaccAgaaguagcgc.....  1  1  c15
.....................ucagguaccugaaguagcgG.....  1  1  c15
.....................ucagguaccugaaguGgcgc.....  1  1  c15
.....................ucaggGaccugaaguagcgc.....  2  1  c15
.....................ucagguaccugaaguagcgA.....  3  1  c15
.....................ucaggAaccugaaguagcgc.....  1  1  c15
.....................ucagguaccugGaguagcgc.....  1  1  c15
.....................uAagguaccugaaguagcgc.....  2  1  c15
.....................ucagguaccugaaguagcAc.....  12  1  c15
.....................uUagguaccugaaguagcgc.....  3  1  c15
.....................ucagguaccugUaguagcgc.....  1  1  c15
.....................ucagguaccugaaguagcgc.....  980  0  c15
.....................ucagguaccugaaguagAgc.....  1  1  c15
.....................ucGgguaccugaaguagcgc.....  1  1  c15
.....................ucUgguaccugaaguagcgc.....  1  1  c15
.....................ucagguGccugaaguagcgc.....  1  1  c15
.....................ucagguaccugaaguagcgcC.....  7  1  c15
.....................ucaggGaccugaaguagcgcg.....  4  1  c15
.....................ucagguaccugaaguagcgcg.....  1317  0  c15
.....................ucagguaccugaaguagcgcA.....  121  1  c15
.....................ucagguaccugGaguagcgcg.....  3  1  c15
.....................ucagCuaccugaaguagcgcg.....  1  1  c15
.....................ucagguaccCgaaguagcgcg.....  1  1  c15
.....................ucGgguaccugaaguagcgcg.....  1  1  c15
.....................uGagguaccugaaguagcgcg.....  3  1  c15
.....................ucagguaUcugaaguagcgcg.....  3  1  c15
.....................ucagguaccugUaguagcgcg.....  1  1  c15
.....................Acagguaccugaaguagcgcg.....  3  1  c15
.....................ucaggAaccugaaguagcgcg.....  1  1  c15
.....................ucagguaccugaaguagcgcU.....  112  1  c15
.....................ucagguaccugaaguagUgcg.....  1  1  c15
.....................ucagguaccugaaguaUcgcg.....  1  1  c15
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.....................ucagguaccugaagGagcgcg.....  2  1  c15
.....................ucagguaccugaUguagcgcg.....  1  1  c15
.....................ucaggCaccugaaguagcgcgc.....  5  1  c15
.....................ucagguaccugaaguagAgcgc.....  1  1  c15
.....................ucaggAaccugaaguagcgcgc.....  5  1  c15
.....................ucagguaccugaaguagcAcgc.....  2  1  c15
.....................ucagguaccugaaUuagcgcgc.....  1  1  c15
```

Mature Star

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.....ucagguaccugaaguagcgcgG.....	1	1	c15
.....ucagguaccugaGguagcgcgc.....	2	1	c15
.....ucagguaccugaaguagcgAgc.....	5	1	c15
.....ucagguaccugaaguagcUcgc.....	2	1	c15
.....ucaggGaccugaaguagcgcgc.....	2	1	c15
.....ucagguaccugaUguagcgcgc.....	1	1	c15
.....ucagguaccugaaguagcgcgU.....	252	1	c15
.....ucagCuaccugaaguagcgcgc.....	1	1	c15
.....ucagguaccugaaguaAcgcgc.....	1	1	c15
.....ucagguaccugaaguagcgcgA.....	34	1	c15
.....ucagguaccuCaaguagcgcgc.....	1	1	c15
.....ucagguaccugGaguagcgcgc.....	1	1	c15
.....ucagguaccugaagAagcgcgc.....	2	1	c15
.....ucagguaccugaaguGgcgcgc.....	2	1	c15
.....ucagguacUugaaguagcgcgc.....	1	1	c15
.....ucagguaAcugaaguagcgcgc.....	1	1	c15
.....ucGgguaccugaaguagcgcgc.....	5	1	c15
.....ucagguaccugaagGagcgcgc.....	3	1	c15
.....ucagguaccugaaguagcgGgc.....	2	1	c15
.....ucagguCccugaaguagcgcgc.....	1	1	c15
.....ucagguaccugaaguagcgcAc.....	35	1	c15
.....ucagguaccugaaguUgcgcgc.....	1	1	c15
.....uAagguaccugaaguagcgcgc.....	2	1	c15
.....Ccagguaccugaaguagcgcgc.....	1	1	c15
.....Acagguaccugaaguagcgcgc.....	2	1	c15
.....ucagguaccGgaaguagcgcgc.....	1	1	c15
.....ucagguaccugaaguagcgcgc.....	3950	0	c15
.....uUagguaccugaaguagcgcgc.....	4	1	c15
.....ucagguaccugaaguagUgcgc.....	3	1	c15
.....ucagguaccCgaaguagcgcgc.....	1	1	c15
.....ucagUuaccugaaguagcgcgc.....	1	1	c15
.....ucagguaccugaCguagcgcgc.....	1	1	c15
.....ucagguaccugaaguaUcgcgc.....	1	1	c15
.....ucagguaccugaaguagcgUgc.....	1	1	c15
.....ucagguaUcugaaguagcgcgc.....	5	1	c15
.....uGagguaccugaaguagcgcgc.....	1	1	c15
.....ucagguaccugaagAagcgcgcg.....	7	1	c15
.....ucagguaGcugaaguagcgcgcg.....	1	1	c15
.....ucagguaccAgaaguagcgcgcg.....	6	1	c15
.....ucagguaccugaaguagcgcgcC.....	34	1	c15
.....ucagguaccCgaaguagcgcgcg.....	6	1	c15
.....ucaggGaccugaaguagcgcgcg.....	20	1	c15
.....uAagguaccugaaguagcgcgcg.....	5	1	c15
.....ucagguaccugaaguagcgcAcg.....	5	1	c15
.....ucagguaUcugaaguagcgcgcg.....	1	1	c15
.....ucCgguaccugaaguagcgcgcg.....	4	1	c15
.....ucagguaccugaaguagcgUgcg.....	8	1	c15
.....ucaggCaccugaaguagcgcgcg.....	6	1	c15
.....ucagguGccugaaguagcgcgcg.....	1	1	c15
.....ucagguaccugaaguagcgcgcA.....	877	1	c15
.....ucagguaccugaagCagcgcgcg.....	7	1	c15
.....ucagguaccugaaguagcAcgcg.....	3	1	c15
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.....ucagguaccugaaguCgcgcgcg.....	1	1	c15
.....ucagguaccugaaUuagcgcgcg.....	4	1	c15
.....ucagguaccugaaguagcgcCcg.....	1	1	c15
.....ucagguaccugaGguagcgcgcg.....	2	1	c15
.....Gcagguaccugaaguagcgcgcg.....	1	1	c15
.....ucagguaccugaaguagcgcgAg.....	5	1	c15
.....ucagguaccuAaaguagcgcgcg.....	2	1	c15
.....ucagguaccugaaguagcUcgcg.....	5	1	c15
.....ucagguaccugaaguagcgcGg.....	1	1	c15
.....ucagguaccugaaguagcgcUcg.....	3	1	c15
.....ucagguaccugaCguagcgcgcg.....	1	1	c15
.....ucagguaccugaaAuagcgcgcg.....	1	1	c15
.....ucaggAaccugaaguagcgcgcg.....	11	1	c15
.....Ccagguaccugaaguagcgcgcg.....	5	1	c15
.....ucagguaccugaaguagcgcgcg.....	9899	0	c15
.....ucagguaccugaaguGgcgcgcg.....	6	1	c15
.....ucagguaccugUaguagcgcgcg.....	5	1	c15

Mature Star

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.....ucagguaccugaaguagcgcgUg.....	4	1	c15
.....ucagguaccugaaguaUcgcgcg.....	1	1	c15
.....ucagguaccugaaguagcCcgcg.....	3	1	c15
.....ucUgguaccugaaguagcgcgcg.....	2	1	c15
.....ucagguaccugaaguagcgGgcg.....	6	1	c15
.....uUagguaccugaaguagcgcgcg.....	12	1	c15
.....ucagguUccugaaguagcgcgcg.....	2	1	c15
.....uGagguaccugaaguagcgcgcg.....	5	1	c15
.....ucagguaccugaaguagUgcgcg.....	10	1	c15
.....ucagguaccGgaaguagcgcgcg.....	1	1	c15
.....ucagguaccugaaCuagcgcgcg.....	1	1	c15
.....ucagguaccugaaguaAcgcgcg.....	1	1	c15
.....ucagguaccugaUguagcgcgcg.....	3	1	c15
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.....ucagguaccugGaguagcgcgcg.....	9	1	c15
.....ucagguaccugaaguagcgAgcg.....	5	1	c15
.....ucagUuaccugaaguagcgcgcg.....	1	1	c15
.....ucagguaccugaaguagAgcgcg.....	3	1	c15
.....ucagguacAugaaguagcgcgcg.....	1	1	c15
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.....Acagguaccugaaguagcgcgcg.....	4	1	c15
.....ucagguaccugCaguagcgcgcg.....	1	1	c15
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.....ucGgguaccugaaguagcgcgcg.....	13	1	c15
.....ucagguaccugaaguagcgcgUgc.....	1	1	c15
.....ucagguaccugaaguaAcgcgcgc.....	1	1	c15
.....ucagguaccugaaguagcgcgcUc.....	3	1	c15
.....ucagguaccugaaguagcgcgcgU.....	2374	1	c15
.....uUagguaccugaaguagcgcgcgc.....	1	1	c15
.....ucaggCaccugaaguagcgcgcgc.....	1	1	c15
.....ucagguaccugaaguagcgcgcgc.....	102	0	c15
.....ucagguaccugaaguagcgcUcgc.....	1	1	c15
.....ucagguaccugaaguagcgcgcgA.....	447	1	c15
.....ucagguaccugaaguagcgcgcgG.....	2	1	c15
.....ucagguaccugaaguagcgcgcCc.....	1	1	c15
.....ucagguaccugaaguagcgcgcgAc.....	2	1	c15
.....ucagguaccugaaguagcgcgcgcA.....	5	1	c15
.....ucagguaccugaaguagcgcgcgUc.....	9	1	c15
.....ucagguaccugaaguagcgcgcgcU.....	3	1	c15
.....cagguaccugaaguagcg.....	1	0	c15
.....cagguaccugaaguagcgc.....	4	0	c15
.....cagguaccugaaguagcgcg.....	4	0	c15
.....caUguaccugaaguagcgcgc.....	1	1	c15
.....cagguaccugaaguagcgcgc.....	34	0	c15
.....caggGaccugaaguagcgcgc.....	1	1	c15
.....cagguaccugaaguagcgcgU.....	2	1	c15
.....cagguaccugaaguagcgcgcg.....	136	0	c15
.....caggGaccugaaguagcgcgcg.....	1	1	c15
.....caggAaccugaaguagcgcgcg.....	1	1	c15
.....cagguaccugaaguagcgcgcA.....	16	1	c15
.....cagguaccugaaguagcgcgcU.....	6	1	c15
.....cagguaccugaagAagcgcgcg.....	1	1	c15
.....cagguaccugaaguagcgcgcC.....	1	1	c15
.....cagguaccugaaguagcgcgcgc.....	2	0	c15
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.....cagguaccugaaguagcgcgcgU.....	60	1	c15
.....cagguaccugaaguagcgcgcgA.....	5	1	c15
.....agguaccugaaguagcgcgc.....	1	0	c15
.....agguaccugaaguagcgcgcg.....	9	0	c15
.....gguaccugaaguagcgcgcg.....	1	0	c15
.....uaccugaaguagcgcgcA.....	1	1	c15
.....uaccugaaguagcgcgcg.....	1	0	c15
.....Cgccgccgccgccgccgccagc.....	1	1	c15

.....gagucagguaccugaaguagcgcg.....	1	0	c09
.....Aagucagguaccugaaguagcgcg.....	1	1	c09
.....Ggucagguaccugaaguagcgcgcg.....	1	1	c09
.....Cucagguaccugaaguagcg.....	1	1	c09
.....Cucagguaccugaaguagcgcg.....	2	1	c09
.....Cucagguaccugaaguagcgcgc.....	2	1	c09

Mature	Star		
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.....ucagguaccugaaguaAc.....	1	1	c09
.....Acagguaccugaaguagc.....	1	1	c09
.....ucagguaccugaaguagc.....	200	0	c09
.....Gcagguaccugaaguagc.....	9	1	c09
.....ucagguacGugaaguagc.....	1	1	c09
.....ucagCuaccugaaguagc.....	1	1	c09
.....Acagguaccugaaguagcg.....	1	1	c09
.....ucagguaccugaaguagcU.....	1	1	c09
.....ucagguaccugaaCuagcg.....	1	1	c09
.....ucagguaccugaaguagcC.....	6	1	c09
.....ucagguaccugaaguagAg.....	1	1	c09
.....ucagguaccugaaguGgcg.....	1	1	c09
.....ucagguaccugaaguagcg.....	131	0	c09
.....ucagguaccugaaguagcA.....	2	1	c09
.....Gcagguaccugaaguagcg.....	10	1	c09
.....ucagguaccugaaguagAgc.....	2	1	c09
.....ucagCuaccugaaguagcgc.....	2	1	c09
.....ucagguaccugaaguaCcgc.....	2	1	c09
.....ucagguaccugaUguagcgc.....	1	1	c09
.....ucagguacAugaaguagcgc.....	3	1	c09
.....Acagguaccugaaguagcgc.....	7	1	c09
.....ucagguaccugGaguagcgc.....	1	1	c09
.....ucaggCaccugaaguagcgc.....	1	1	c09
.....ucagguaccugaaguUgcgc.....	1	1	c09
.....ucagguaccugaaUuagcgc.....	1	1	c09
.....ucagguaccAgaaguagcgc.....	1	1	c09
.....Gcagguaccugaaguagcgc.....	64	1	c09
.....ucagguaccugaaguagcgG.....	1	1	c09
.....ucagguaccugaGguagcgc.....	1	1	c09
.....ucagguaccugaaguagcgA.....	1	1	c09
.....ucagguaccugaaguagcgU.....	8	1	c09
.....ucagguaccugaagCagcgc.....	1	1	c09
.....ucagguaccugaaguagcgc.....	1170	0	c09
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.....ucagguaccugaaguagcUc.....	2	1	c09
.....ucagguaccugaaguaUcgc.....	1	1	c09
.....ucagguaccugaaCuagcgc.....	3	1	c09
.....ucagguaAcugaaguagcgc.....	1	1	c09
.....ucaCguaccugaaguagcgc.....	1	1	c09
.....ucagguaccugaaguagcAc.....	1	1	c09
.....ucagguaccugaaguagUgc.....	1	1	c09
.....ucagguaccAgaaguagcgcg.....	3	1	c09
.....ucagguaccugGaguagcgcg.....	4	1	c09
.....ucagguaccugaaCuagcgcg.....	7	1	c09
.....ucagguaccugaaguagcAcg.....	1	1	c09
.....ucaggCaccugaaguagcgcg.....	1	1	c09
.....ucagguaccGgaaguagcgcg.....	2	1	c09
.....ucagguaccugaaguagcgUg.....	5	1	c09
.....Gcagguaccugaaguagcgcg.....	442	1	c09
.....uUagguaccugaaguagcgcg.....	7	1	c09
.....ucagguaccugaaguGgcgcg.....	5	1	c09
.....ucagguacAugaaguagcgcg.....	9	1	c09
.....ucagguCccugaaguagcgcg.....	6	1	c09
.....ucagguaccugaaguagAgcg.....	19	1	c09
.....ucagguaUcugaaguagcgcg.....	1	1	c09
.....ucagguaccugCaguagcgcg.....	3	1	c09
.....ucagguaccugaaguagcgcg.....	8446	0	c09
.....ucagguacUugaaguagcgcg.....	3	1	c09
.....ucagguaccugaaguagcgcU.....	81	1	c09
.....uAagguaccugaaguagcgcg.....	3	1	c09
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.....ucagguaccugaaUuagcgcg.....	5	1	c09
.....ucUgguaccugaaguagcgcg.....	3	1	c09
.....Acagguaccugaaguagcgcg.....	34	1	c09
.....ucagguaccugaaguagcgcC.....	7	1	c09
.....ucagguaccugaaguagcgGg.....	1	1	c09
.....ucagguaccugaaguUgcgcg.....	2	1	c09
.....ucagguaccugaaguaAcgcg.....	3	1	c09
.....ucaUguaccugaaguagcgcg.....	2	1	c09

Mature Star

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.....ucagguaccugaaguagcgAg.....	10	1	c09
.....ucagguaccugaaguaCcgcg.....	12	1	c09
.....ucagguaccugaaguaUcgcg.....	2	1	c09
.....ucagguaccuCaaguagcgcg.....	5	1	c09
.....ucagguUccugaaguagcgcg.....	1	1	c09
.....ucagguaGcugaaguagcgcg.....	3	1	c09
.....ucagguaAcugaaguagcgcg.....	8	1	c09
.....ucCgguaccugaaguagcgcg.....	3	1	c09
.....ucagguaccugaagAagcgcg.....	3	1	c09
.....ucagguacGugaaguagcgcg.....	1	1	c09
.....ucaCguaccugaaguagcgcg.....	3	1	c09
.....ucagguaccCgaaguagcgcg.....	4	1	c09
.....ucagguaccugaaguagcgcA.....	20	1	c09
.....ucagguaccugaaguagcUcg.....	6	1	c09
.....ucagguaccugaUguagcgcg.....	3	1	c09
.....ucGgguaccugaaguagcgcg.....	8	1	c09
.....ucagguaccugaaguagUgcg.....	10	1	c09
.....ucagguaccugaaguagcCcg.....	7	1	c09
.....ucaggAaccugaaguagcgcg.....	1	1	c09
.....Ccagguaccugaaguagcgcg.....	4	1	c09
.....ucagguaccugaagCagcgcg.....	4	1	c09
.....ucagguaccugaagGagcgcg.....	4	1	c09
.....ucagguaccugaaguCgcgcg.....	5	1	c09
.....ucagguaccuUaaguagcgcg.....	1	1	c09
.....ucagguacGugaaguagcgcgc.....	1	1	c09
.....ucagCuaccugaaguagcgcgc.....	5	1	c09
.....ucagguaccugaagAagcgcgc.....	3	1	c09
.....ucagguaccugaaguaAcgcgc.....	4	1	c09
.....ucagguaccugaaguCgcgcgc.....	6	1	c09
.....ucagguaccuCaaguagcgcgc.....	3	1	c09
.....Ccagguaccugaaguagcgcgc.....	3	1	c09
.....ucagguaccugaaguUgcgcgc.....	1	1	c09
.....ucagguaccugaaguGgcgcgc.....	4	1	c09
.....ucagguaccugaaguagcgcgG.....	13	1	c09
.....ucagguaccugaaguagcgcgA.....	95	1	c09
.....ucagguaAcugaaguagcgcgc.....	1	1	c09
.....ucagguaccugaaguagcgcgc.....	4675	0	c09
.....ucagguaccugaaguaCcgcgc.....	8	1	c09
.....ucagguaccugaagCagcgcgc.....	3	1	c09
.....ucagguaccugaaguagcgcgU.....	264	1	c09
.....ucagguUccugaaguagcgcgc.....	2	1	c09
.....ucagguaccugaaguaUcgcgc.....	6	1	c09
.....uAagguaccugaaguagcgcgc.....	2	1	c09
.....ucagguaccugaaguagcgcCc.....	5	1	c09
.....ucagguaccugaaguagcgUgc.....	1	1	c09
.....ucagguaccugaaguagcAcgc.....	4	1	c09
.....Gcagguaccugaaguagcgcgc.....	274	1	c09
.....ucagguaccugCaguagcgcgc.....	4	1	c09
.....ucagguacAugaaguagcgcgc.....	3	1	c09
.....ucCgguaccugaaguagcgcgc.....	3	1	c09
.....Acagguaccugaaguagcgcgc.....	22	1	c09
.....ucagAuaccugaaguagcgcgc.....	3	1	c09
.....ucagguaccCgaaguagcgcgc.....	1	1	c09
.....ucaCguaccugaaguagcgcgc.....	2	1	c09
.....ucaggGaccugaaguagcgcgc.....	1	1	c09
.....ucagguacUugaaguagcgcgc.....	2	1	c09
.....ucagguaccugGaguagcgcgc.....	2	1	c09
.....ucagguaccugaaguagcCcgc.....	4	1	c09
.....ucagguaccugaaguagcUcgc.....	6	1	c09
.....ucagguaccAgaaguagcgcgc.....	2	1	c09
.....ucGgguaccugaaguagcgcgc.....	5	1	c09
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.....ucagguCccugaaguagcgcgc.....	6	1	c09
.....ucagguaccugaUguagcgcgc.....	4	1	c09
.....ucagguaccugUaguagcgcgc.....	1	1	c09
.....ucagguaccugaaguagcgcUc.....	7	1	c09
.....ucagguaccugaaUuagcgcgc.....	3	1	c09
.....ucagguaccuUaaguagcgcgc.....	1	1	c09
.....ucagguaccugaaguagAgcgc.....	9	1	c09

Mature Star

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.....ucagguaccugaaguagcgAgc.....	10	1	c09
.....ucUgguaccugaaguagcgcgc.....	3	1	c09
.....ucaggAaccugaaguagcgcgc.....	1	1	c09
.....ucagguGccugaaguagcgcgc.....	1	1	c09
.....ucagguaccugaGguagcgcgc.....	3	1	c09
.....ucagguaccugaaCuagcgcgc.....	2	1	c09
.....ucagUuaccugaaguagcgcgc.....	1	1	c09
.....ucagguaccugaaguagUgcgc.....	3	1	c09
.....ucagguaccugaaguagcgAgcg.....	2	1	c09
.....ucagguaccugaaguaCcgcgcg.....	1	1	c09
.....Acagguaccugaaguagcgcgcg.....	6	1	c09
.....ucagguaccugaaguagcgcgcA.....	48	1	c09
.....ucagguaccugaaguagcgcgAg.....	5	1	c09
.....ucagguaccugaaguagcgcgcU.....	37	1	c09
.....ucagguaccugaaguaAcgcgcg.....	2	1	c09
.....ucaCguaccugaaguagcgcgcg.....	2	1	c09
.....ucGgguaccugaaguagcgcgcg.....	1	1	c09
.....ucaAguaccugaaguagcgcgcg.....	1	1	c09
.....ucagguaccugaaUuagcgcgcg.....	1	1	c09
.....ucagguaccugaaguaUcgcgcg.....	1	1	c09
.....ucagguaccugaaguagcgcgcC.....	8	1	c09
.....ucagguaccugaaguagcgcgUg.....	2	1	c09
.....ucagguaccugaaguagcgcUcg.....	1	1	c09
.....ucagguacAugaaguagcgcgcg.....	2	1	c09
.....ucagguaccugUaguagcgcgcg.....	1	1	c09
.....ucagguaccugaaCuagcgcgcg.....	2	1	c09
.....ucagguaccugaaguagcgcgGg.....	5	1	c09
.....ucagguaccugaGguagcgcgcg.....	3	1	c09
.....Gcagguaccugaaguagcgcgcg.....	86	1	c09
.....ucagguaccugaCguagcgcgcg.....	1	1	c09
.....ucagguaccugCaguagcgcgcg.....	2	1	c09
.....ucagguaccugaaguCgcgcgcg.....	6	1	c09
.....ucagguaccAgaaguagcgcgcg.....	2	1	c09
.....ucCgguaccugaaguagcgcgcg.....	2	1	c09
.....ucaggAaccugaaguagcgcgcg.....	1	1	c09
.....Ccagguaccugaaguagcgcgcg.....	1	1	c09
.....uAagguaccugaaguagcgcgcg.....	1	1	c09
.....ucagguaccugaaguagcgcgcg.....	1521	0	c09
.....ucagguaccugaaguagAgcgcg.....	4	1	c09
.....ucagguacUugaaguagcgcgcg.....	2	1	c09
.....ucagguaccugaaguagcCcgcg.....	4	1	c09
.....ucagguaccugaaguGgcgcgcg.....	2	1	c09
.....ucagguaccugaaguagcgCcg.....	2	1	c09
.....ucagguaccugaaguagcAcgcg.....	1	1	c09
.....ucagguaccugaaguagUgcgcg.....	3	1	c09
.....ucagguaccugaUguagcgcgcg.....	1	1	c09
.....ucUgguaccugaaguagcgcgcg.....	1	1	c09
.....ucagguaccugaaguagcgcgcgc.....	5	0	c09
.....ucagguaccugaaguagcgcgcgG.....	2	1	c09
.....ucagguaccugaaguagcgcgcgU.....	503	1	c09
.....ucagguaccugaaguagcgcgcgA.....	72	1	c09
.....ucagguaccugaaguagcgcgGgc.....	1	1	c09
.....ucagguaccugaaguagcgcgCc.....	1	1	c09
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.....ucagguaccugaaguagcgcgcUc.....	2	1	c09
.....ucagguaccugaaguagcgcgcgcA.....	1	1	c09
.....ucagguaccugaaguagcgcgcgUc.....	2	1	c09
.....cagguaccugaaguagcgc.....	4	0	c09
.....cagguaccugaaguagcgcg.....	24	0	c09
.....cagguaccugaaguaUcgcgc.....	1	1	c09
.....cagguaccugaaguagcgcgU.....	1	1	c09
.....cagguaccugaaguagcgcgc.....	22	0	c09
.....cagguaccugaaguCgcgcgc.....	1	1	c09
.....cagguaccugaaguagcgcgcg.....	34	0	c09
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.....cagguaccugaaguagcgcgcA.....	1	1	c09
.....cagguaccugaaguagcgcgcgU.....	21	1	c09
.....cagguaccugaaguagcgcgcgA.....	4	1	c09

Mature Star

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.....Ugguaccugaaguagcgc.....	1	1	c09
.....agguaccugaaguagcgcg.....	9	0	c09
.....aUguaccugaaguagcgcg.....	1	1	c09
.....agguaccugaaguagcgcgc.....	6	0	c09
.....agguaccugaaguagcgcgcg.....	2	0	c09
.....agguaccugaaguagcgcgcgU.....	1	1	c09
.....gguaccugaaguagcgcg.....	8	0	c09
.....gguaccugaaguagcgcgc.....	4	0	c09
.....guaccugaaCuagcgcgc.....	1	1	c09
.....guaccugaaguagcgcgc.....	28	0	c09
.....guaccugaaguagcgcgA.....	2	1	c09
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.....guaccugaaguagcgcgcg.....	5	0	c09
.....Auaccugaaguagcgcgcg.....	1	1	c09
.....guaccugaaguagcgcgcgU.....	1	1	c09
.....guaccugaaguagcgcgcgA.....	1	1	c09
.....uaccugaaguagcgcgcg.....	4	0	c09
.....uaccugaaguagcgcgcgU.....	1	1	c09
.....accugaaguagcgcgcgU.....	2	1	c09
.....Ugucagguaccugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguagc.....	30	0	c04
.....Gcagguaccugaaguagc.....	1	1	c04
.....ucagguaccuCaaguagc.....	1	1	c04
.....ucagguaccugaaguagcg.....	10	0	c04
.....ucagguaccugaaguagcgc.....	23	0	c04
.....ucCgguaccugaaguagcgc.....	1	1	c04
.....ucagguCccugaaguagcgcg.....	1	1	c04
.....ucagguaccugGaguagcgcg.....	1	1	c04
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.....uUagguaccugaaguagcgcg.....	1	1	c04
.....ucagguaccugaaguagAgcg.....	2	1	c04
.....ucagguaccugaaguaCcgcg.....	2	1	c04
.....Acagguaccugaaguagcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcU.....	7	1	c04
.....ucagguaccugaaguagcgcA.....	3	1	c04
.....ucagguaccugaaguagcgcg.....	488	0	c04
.....ucagguacAugaaguagcgcg.....	2	1	c04
.....Gcagguaccugaaguagcgcg.....	25	1	c04
.....ucaUguaccugaaguagcgcgc.....	1	1	c04
.....ucaAguaccugaaguagcgcgc.....	1	1	c04
.....ucagguaccugaaguagcgcCc.....	2	1	c04
.....ucagguaccugaaguGgcgcgc.....	1	1	c04
.....Gcagguaccugaaguagcgcgc.....	28	1	c04
.....ucagguaccugaaguagcgAgc.....	1	1	c04
.....ucagguaccugaaguagcgcgU.....	24	1	c04
.....ucagguaAcugaaguagcgcgc.....	1	1	c04
.....ucagguaUcugaaguagcgcgc.....	1	1	c04
.....ucagguaccugaaguagcgcgG.....	2	1	c04
.....ucagguaccugCaguagcgcgc.....	2	1	c04
.....ucagguaccugaaguagcgcgc.....	291	0	c04
.....ucagguaccugaaguagcgcgA.....	6	1	c04
.....ucagguaccGgaaguagcgcgc.....	1	1	c04
.....Gcagguaccugaaguagcgcgcg.....	33	1	c04
.....uGagguaccugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcgcg.....	762	0	c04
.....ucagguaccugaaguagcgcgcU.....	8	1	c04
.....ucagguaccugaaCuagcgcgcg.....	1	1	c04
.....uUagguaccugaaguagcgcgcg.....	3	1	c04
.....ucagguacGugaaguagcgcgcg.....	1	1	c04
.....ucGgguaccugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguCgcgcgcg.....	1	1	c04
.....ucagguaccCgaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaagCagcgcgcg.....	1	1	c04
.....ucagguCccugaaguagcgcgcg.....	2	1	c04
.....ucagguaccuUaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaGguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcgcC.....	3	1	c04
.....ucagguaccAgaaguagcgcgcg.....	1	1	c04

Mature Star

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.....ucagCuaccugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguaCcgcgcg.....	1	1	c04
.....ucagguaccugaaguagcgAgcg.....	1	1	c04
.....ucagguacAugaaguagcgcgcg.....	1	1	c04
.....Acagguaccugaaguagcgcgcg.....	2	1	c04
.....ucagguaccugCaguagcgcgcg.....	2	1	c04
.....ucagguaccugaaguagcgcgcA.....	5	1	c04
.....ucagguaccugaaguagcgcgUg.....	1	1	c04
.....ucUgguaccugaaguagcgcgcg.....	1	1	c04
.....ucagguaccugaaguagcgcgcgA.....	15	1	c04
.....ucagguaccugaaguagcgcgGgc.....	1	1	c04
.....ucagguaccugaaguagcgcgcgU.....	98	1	c04
.....ucagguaccugaaguagcgcgcgGc.....	1	1	c04
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.....cagguaccugaaguagcgcgc.....	1	0	c04
.....cagguaccugaaguagcgcgU.....	1	1	c04
.....cagguaccugaaguagcgcgcg.....	5	0	c04
.....cagguaccugaaguaUcgcgcg.....	1	1	c04
.....cagguaccugaaguagcgcgcgU.....	4	1	c04
.....agguaccugaaguagcgcgcg.....	1	0	c04
.....Ugguaccugaaguagcgcgcg.....	1	1	c04
.....gUuaccugaaguagcgcg.....	1	1	c04
.....guaccugaaguagcgcgc.....	1	0	c04
.....guaccugaaguagcgcgcg.....	3	0	c04
.....uCccugaaguagcgcgcg.....	1	1	c04
.....uaUcugaaguagcgcgcg.....	1	1	c04
.....uaccugaaguagcgcgcg.....	1	0	c04
.....gaCucagguaccugaaguagcgcg.....	1	1	c16
.....Cucagguaccugaaguagcgcgc.....	1	1	c16
.....ucagguCccugaaguagc.....	1	1	c16
.....Acagguaccugaaguagc.....	1	1	c16
.....ucagguaccugaaUuagc.....	1	1	c16
.....ucagguaccugaaCuagc.....	1	1	c16
.....Gcagguaccugaaguagc.....	7	1	c16
.....ucagguaccugaaguagc.....	64	0	c16
.....ucagguaccugaaguGgcg.....	1	1	c16
.....ucagguaccugaaUuagcg.....	1	1	c16
.....ucGgguaccugaaguagcg.....	1	1	c16
.....Gcagguaccugaaguagcg.....	20	1	c16
.....uGagguaccugaaguagcg.....	1	1	c16
.....ucaAguaccugaaguagcg.....	1	1	c16
.....ucagguaccugaaguaCcg.....	1	1	c16
.....ucagguaccugaaguagcg.....	237	0	c16
.....Acagguaccugaaguagcg.....	2	1	c16
.....ucagguaccugGaguagcg.....	1	1	c16
.....ucGgguaccugaaguagcgc.....	1	1	c16
.....ucagguaccugaaguGgcgc.....	1	1	c16
.....ucagguaccugaaguCgcgc.....	3	1	c16
.....ucCgguaccugaaguagcgc.....	1	1	c16
.....ucagguaccugaagAagcgc.....	1	1	c16
.....ucaUguaccugaaguagcgc.....	2	1	c16
.....ucagguaccugaCguagcgc.....	1	1	c16
.....ucagguaccugaaguagcgU.....	5	1	c16
.....ucagguaccCgaaguagcgc.....	1	1	c16
.....ucagguaccugaaguagcCc.....	2	1	c16
.....ucagguaccugaaguaCcgc.....	1	1	c16
.....ucagguaccugaaguagcgc.....	934	0	c16
.....Gcagguaccugaaguagcgc.....	78	1	c16
.....ucagguacAugaaguagcgc.....	3	1	c16
.....Ccagguaccugaaguagcgc.....	1	1	c16
.....ucagguaccugaaguaUcgc.....	2	1	c16
.....ucaggAaccugaaguagcgc.....	1	1	c16
.....ucagCuaccugaaguagcgc.....	2	1	c16
.....ucagguCccugaaguagcgc.....	4	1	c16
.....ucagguaccugaaguagcgA.....	4	1	c16
.....ucagguaccugaaguagAgc.....	3	1	c16
.....uUagguaccugaaguagcgc.....	1	1	c16
.....ucagUuaccugaaguagcgc.....	1	1	c16

Mature	Star		
cgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccgccgccagccgcgccagcacaggagccccgccgccgcacgcccauuguacu			
.....ucUgguaccugaaguagcgc.....	2	1	c16
.....ucagguaccugaaCuagcgc.....	2	1	c16
.....Acagguaccugaaguagcgc.....	3	1	c16
.....ucaggGaccugaaguagcgc.....	1	1	c16
.....ucagguaccugCaguagcgc.....	1	1	c16
.....ucagguUccugaaguagcgc.....	2	1	c16
.....ucagguaAcugaaguagcgc.....	1	1	c16
.....ucagguaccugaaguaAcgcg.....	1	1	c16
.....ucagguaccugaGguagcgcg.....	4	1	c16
.....ucUgguaccugaaguagcgcg.....	1	1	c16
.....ucagguaccugaaguagcCcg.....	1	1	c16
.....ucagguacGugaaguagcgcg.....	1	1	c16
.....ucGgguaccugaaguagcgcg.....	5	1	c16
.....uUagguaccugaaguagcgcg.....	5	1	c16
.....ucagguaccGgaaguagcgcg.....	2	1	c16
.....Acagguaccugaaguagcgcg.....	12	1	c16
.....ucagguaccugaagCagcgcg.....	1	1	c16
.....ucagguaccAgaaguagcgcg.....	1	1	c16
.....ucagguaccuUaaguagcgcg.....	2	1	c16
.....ucagguaccugaaCuagcgcg.....	5	1	c16
.....ucagguaccugaCguagcgcg.....	2	1	c16
.....ucagguaAcugaaguagcgcg.....	2	1	c16
.....ucaggCaccugaaguagcgcg.....	2	1	c16
.....ucaggAaccugaaguagcgcg.....	3	1	c16
.....ucagguaccugaaguagcgcA.....	5	1	c16
.....ucagguaccugCaguagcgcg.....	2	1	c16
.....ucagguCccugaaguagcgcg.....	3	1	c16
.....ucagguaccugaaguagcgcU.....	88	1	c16
.....ucagguaccugaaguaUcgcg.....	1	1	c16
.....ucaCguaccugaaguagcgcg.....	1	1	c16
.....Gcagguaccugaaguagcgcg.....	227	1	c16
.....ucagguaccugaaguagcgAg.....	6	1	c16
.....ucagguaccugaaUuagcgcg.....	2	1	c16
.....ucagguacAugaaguagcgcg.....	8	1	c16
.....ucagguaccugaaguagcUcg.....	4	1	c16
.....ucagguaccugaaguGgcgcg.....	1	1	c16
.....uAagguaccugaaguagcgcg.....	2	1	c16
.....ucagguaccugaaguCgcgcg.....	3	1	c16
.....ucagguaccugaagAagcgcg.....	1	1	c16
.....ucagguaccugaaguagUgcg.....	5	1	c16
.....ucagguaccugaaguagcgcC.....	6	1	c16
.....ucagguaccCgaaguagcgcg.....	4	1	c16
.....ucagguaccugaaguagcgcg.....	3180	0	c16
.....ucagguacUugaaguagcgcg.....	1	1	c16
.....ucagCuaccugaaguagcgcg.....	3	1	c16
.....ucagguUccugaaguagcgcg.....	1	1	c16
.....ucagguaccugaaguagAgcg.....	9	1	c16
.....ucagguaccugaaguagcAcg.....	1	1	c16
.....ucCgguaccugaaguagcgcg.....	2	1	c16
.....Ccagguaccugaaguagcgcg.....	1	1	c16
.....ucagguaccugaaguaCcgcg.....	2	1	c16
.....ucagguaccuCaaguagcgcg.....	2	1	c16
.....ucagguaccugaUguagcgcg.....	1	1	c16
.....ucagguaccCgaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaCuagcgcgc.....	3	1	c16
.....ucagCuaccugaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaAuagcgcgc.....	1	1	c16
.....ucagguaccugaaguagcgcgU.....	324	1	c16
.....ucagguaccugaaguGgcgcgc.....	1	1	c16
.....ucagguCccugaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaguaUcgcgc.....	3	1	c16
.....ucagguaccugaagCagcgcgc.....	1	1	c16
.....ucagguaccugaaguagcgUgc.....	3	1	c16
.....ucagguaccugaaguCgcgcgc.....	9	1	c16
.....ucagguaAcugaaguagcgcgc.....	3	1	c16
.....ucagguaccugaaguagcAcgc.....	1	1	c16
.....ucagguaccugCaguagcgcgc.....	1	1	c16
.....Gcagguaccugaaguagcgcgc.....	125	1	c16
.....ucagguaccugaaguagcgcgA.....	19	1	c16
.....ucUgguaccugaaguagcgcgc.....	1	1	c16

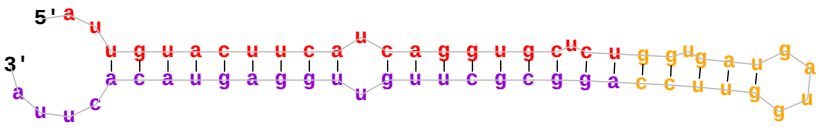
Mature	Star		
cgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccgccgccagccgcgccagcacaggagccccgccgccgcacgcccauuguacu			
.....ucGgguaccugaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaguagcUcgc.....	1	1	c16
.....ucagguaccugaaguagcgcUc.....	2	1	c16
.....ucagguaccugaaguagcgAgc.....	1	1	c16
.....ucagguaccugaaguagcgcCc.....	1	1	c16
.....ucagguaccugaaguagcCcgc.....	1	1	c16
.....Acagguaccugaaguagcgcgc.....	4	1	c16
.....uUagguaccugaaguagcgcgc.....	2	1	c16
.....ucagguaccugaaguagAgcgc.....	1	1	c16
.....ucagguaccugaaguagcgcgc.....	1527	0	c16
.....ucagguaccugaaguagcgcgG.....	4	1	c16
.....ucagguaccugaaguagcgcAc.....	1	1	c16
.....ucagguaccugaaguaCcgcgc.....	1	1	c16
.....ucagguaccuUaaguagcgcgc.....	1	1	c16
.....ucagguaccugaCguagcgcgc.....	1	1	c16
.....ucagguaUcugaaguagcgcgc.....	1	1	c16
.....ucagUuaccugaaguagcgcgc.....	2	1	c16
.....ucagguaccuCaaguagcgcgc.....	1	1	c16
.....ucagguaccugaaguagUgcgc.....	1	1	c16
.....ucagguacAugaaguagcgcgc.....	2	1	c16
.....ucagguaccGgaaguagcgcgcg.....	1	1	c16
.....ucagguaccCgaaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaguagcUcgcg.....	3	1	c16
.....uUagguaccugaaguagcgcgcg.....	3	1	c16
.....ucagguaccugGaguagcgcgcg.....	1	1	c16
.....ucagguaccugaagCagcgcgcg.....	2	1	c16
.....ucagguaccugaaguagcgGgcg.....	1	1	c16
.....ucagguaccugaaguagcgcgcU.....	62	1	c16
.....ucaCguaccugaaguagcgcgcg.....	2	1	c16
.....ucagguaUcugaaguagcgcgcg.....	1	1	c16
.....uAagguaccugaaguagcgcgcg.....	2	1	c16
.....ucGgguaccugaaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaguagcgcgcg.....	3014	0	c16
.....ucagguaccugaaguagcgcCcg.....	5	1	c16
.....ucagguUccugaaguagcgcgcg.....	1	1	c16
.....ucagguaccugaagAagcgcgcg.....	1	1	c16
.....ucagguaccugaaUuagcgcgcg.....	3	1	c16
.....Acagguaccugaaguagcgcgcg.....	9	1	c16
.....ucagguaccugaaguCgcgcgcg.....	8	1	c16
.....ucagguaccugCaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaguagAgcgcg.....	15	1	c16
.....ucaAguaccugaaguagcgcgcg.....	1	1	c16
.....ucagUuaccugaaguagcgcgcg.....	2	1	c16
.....ucagguaccuAaaguagcgcgcg.....	1	1	c16
.....ucagguaccugaaguagcCcgcg.....	4	1	c16
.....ucagguaccugaaguagcgcgcA.....	18	1	c16
.....ucagguaccugaaguaCcgcgcg.....	3	1	c16
.....ucagguaccugaaguagcgcgUg.....	5	1	c16
.....ucagCuaccugaaguagcgcgcg.....	6	1	c16
.....ucagguCccugaaguagcgcgcg.....	2	1	c16
.....ucagguaccugaaguagcgcgGg.....	1	1	c16
.....ucaggGaccugaaguagcgcgcg.....	2	1	c16
.....ucagguaccugaaCuagcgcgcg.....	4	1	c16
.....ucaUguaccugaaguagcgcgcg.....	4	1	c16
.....ucagguaccuCaaguagcgcgcg.....	5	1	c16
.....ucagguaccugaaguagUgcgcg.....	2	1	c16
.....ucUgguaccugaaguagcgcgcg.....	1	1	c16
.....Gcagguaccugaaguagcgcgcg.....	252	1	c16
.....ucagguaccugaCguagcgcgcg.....	1	1	c16
.....ucagguaAcugaaguagcgcgcg.....	2	1	c16
.....ucagguaccugaaguGgcgcgcg.....	1	1	c16
.....ucagguaccAgaaguagcgcgcg.....	5	1	c16
.....ucagguaccugaaguagcgcgAg.....	7	1	c16
.....ucagguaccugaaguagcgcgcC.....	3	1	c16
.....ucCgguaccugaaguagcgcgcg.....	3	1	c16
.....ucagguacAugaaguagcgcgcg.....	4	1	c16
.....ucagguaccugaaguagcgAgcg.....	4	1	c16
.....ucagguaccugaaguagcgcgcgc.....	12	0	c16
.....ucagguaccugaaguagcgcgcgU.....	660	1	c16
.....Gcagguaccugaaguagcgcgcgc.....	1	1	c16

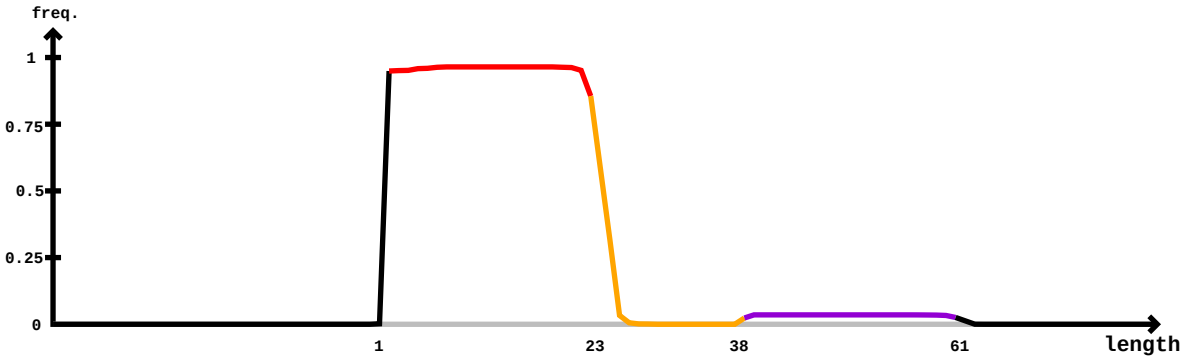
Mature Star

cgccgggcugugcgcucgagucagguaccugaaguagcgcgcgccgcugccgccgccgccgccgccgccagccgcgccagcacaggagccccgccgccgcacgcccauuguacu

.....ucagguaccugaaguagcgcgcUc.....	5	1	c16
.....ucagguaccugaaguagcgcgcG.....	1	1	c16
.....ucagguaccugaaguagcgcgcCc.....	1	1	c16
.....ucCgguaccugaaguagcgcgcgc.....	1	1	c16
.....ucagguaccugaaguagcgcgcgA.....	60	1	c16
.....ucagguaccugaaguagcgcgcgUc.....	1	1	c16
.....ucagguaccugaaguagcgcgcgAc.....	1	1	c16
.....ucagguaccugaaguagcgcgcgcA.....	1	1	c16
.....ucagguaccugaaguagcgcgcgcc.....	2	0	c16
.....cagguaccugaaguagcg.....	2	0	c16
.....cagguaccugaaguagcgc.....	5	0	c16
.....cagguaccugaaguagcgcg.....	10	0	c16
.....cagCuaccugaaguagcgcgc.....	1	1	c16
.....cagguaccugaaguagcgcgc.....	11	0	c16
.....cagguaccugCaguagcgcgcg.....	1	1	c16
.....cagguaccugaaguagcgcgAg.....	1	1	c16
.....cagguaccugaaguagcgcgcg.....	70	0	c16
.....cagguaccuCaaguagcgcgcg.....	1	1	c16
.....cagguaccugaaguagcgcgcA.....	1	1	c16
.....cagguaccugaaguagcgcgcU.....	45	1	c16
.....cagguaccugaaguagcgcgcgA.....	5	1	c16
.....agguaccugaaguagcgcg.....	2	0	c16
.....gguaccugaaguagcgcgc.....	1	0	c16
.....gguaccugaaguagcgcgcg.....	1	0	c16
.....guaccugaaguagcgcgc.....	3	0	c16
.....guaccugaaguagcgcgcg.....	2	0	c16
.....uaccugaaguagcgcgcg.....	3	0	c16
.....uaccugaaguagcgcgcgU.....	1	1	c16
.....accugaaguagcgcgcgU.....	1	1	c16

Provisional ID	:	group8_13117
Score total	:	23246.2
Score for star read(s)	:	3.9
Score for read counts	:	23235.4
Score for mfe	:	2.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	45587
Mature read count	:	43982
Loop read count	:	0
Star read count	:	1605





Mature **Star**

```
5'- gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc  -3'   obs
    gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc  -3'   exp
    ((....))...(((.....(((((((((((.....(((((((((.(((((((.((((.(((....)))))))))))))))).)))))))))).....)))).)))))))..)))..
```

	reads	mm	sample
.....cauuguacuucaucaggug.....	1	0	c09
.....cauuguacuucaucaggugcu.....	1	0	c09
.....cauuguacuucaucaggugcuc.....	6	0	c09
.....cauuguacuucaucaggugcucu.....	9	0	c09
.....cauuguacuucaucaggugcucA.....	1	1	c09
.....cauuguacuucaucaggugcucuU.....	1	1	c09
.....cauuguacuucaucaggugcucug.....	1	0	c09
.....cauuguacuucaucaggugcucugg.....	2	0	c09
.....Aauuguacuucaucaggugcucugg.....	1	1	c09
.....cauuguacuucaucaggugcucugU.....	1	1	c09
.....auuguacuucaucGggug.....	1	1	c09
.....auuguacuucaucaggug.....	25	0	c09
.....auuguacuucaucagguU.....	2	1	c09
.....auuguacuucaucaggugc.....	6	0	c09
.....auuguacuucaucagguUcu.....	1	1	c09
.....auuguacuucaucaggugcG.....	1	1	c09
.....auuguacuucaucagUugcu.....	1	1	c09
.....auuguacuucaucaggugcu.....	81	0	c09
.....auuguacuucaucaggugcA.....	1	1	c09
.....auuguacAucaucaggugcuc.....	2	1	c09
.....auuAuacuucaucaggugcuc.....	2	1	c09
.....aAuguacuucaucaggugcuc.....	1	1	c09
.....auuguacuuAaucaggugcuc.....	1	1	c09
.....auuguacuucaucaggugAuc.....	2	1	c09
.....Cuuguacuucaucaggugcuc.....	22	1	c09
.....auuguCcuucaucaggugcuc.....	2	1	c09
.....auuguacuucaucaggugcuG.....	1	1	c09
.....auuguaAuucaucaggugcuc.....	1	1	c09
.....auuguacuucaGcaggugcuc.....	1	1	c09
.....auuguacuucCucaggugcuc.....	1	1	c09
.....auuguacuucaucaggCgcuc.....	1	1	c09
.....auuguacuucaucaggugcuU.....	12	1	c09
.....auuguacuucaucCggugcuc.....	1	1	c09

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....auuguacuucauUaggugcuc.....	2	1	c09
.....auuguacuucaucaggugcuc.....	1164	0	c09
.....auuguacuucaucaggugcAc.....	1	1	c09
.....auuguacuucauAaggugcuc.....	1	1	c09
.....auCguacuucaucaggugcuc.....	1	1	c09
.....auugAacuucaucaggugcuc.....	2	1	c09
.....auuguacuucaucagguCcuc.....	1	1	c09
.....auuguacuucaucagUugcuc.....	6	1	c09
.....auAguacuucaucaggugcuc.....	1	1	c09
.....auuguacuucaucaggugcuA.....	4	1	c09
.....aGuguacuucaucaggugcuc.....	1	1	c09
.....auuguacuucaucagCugcuc.....	4	1	c09
.....auugAacuucaucaggugcucu.....	3	1	c09
.....auAguacuucaucaggugcucu.....	2	1	c09
.....auuguaGuucaucaggugcucu.....	1	1	c09
.....auuguacuuUaucaggugcucu.....	2	1	c09
.....auCguacuucaucaggugcucu.....	2	1	c09
.....auuguacuucauUaggugcucu.....	1	1	c09
.....auuguacuucaucaggugGucu.....	3	1	c09
.....auuguacuucaucagAugcucu.....	1	1	c09
.....auuCuacuucaucaggugcucu.....	3	1	c09
.....auuguacuuAaucaggugcucu.....	7	1	c09
.....auuguacuucaucaggGgcucu.....	1	1	c09
.....auuguacuucaAcaggugcucu.....	1	1	c09
.....auuguacuucaucaggugcucA.....	4	1	c09
.....auuguacuucaucaggugAucu.....	6	1	c09
.....auuguacuucaucagCugcucu.....	9	1	c09
.....auuguacuGcaucaggugcucu.....	1	1	c09
.....aAuguacuucaucaggugcucu.....	2	1	c09
.....auuguacuucaucaggCgcucu.....	2	1	c09
.....Guuguacuucaucaggugcucu.....	1	1	c09
.....auuguaAuucaucaggugcucu.....	6	1	c09
.....auuguacuucaCcaggugcucu.....	1	1	c09
.....auuguacuucaucaggugcucu.....	4539	0	c09
.....auuguacuucaucaggugcuAu.....	6	1	c09
.....auuguCcuucaucaggugcucu.....	3	1	c09
.....auuguacuucaucaCgugcucu.....	4	1	c09
.....auuguacuucaucaUgugcucu.....	3	1	c09
.....auuguacuucaucagguCcucu.....	12	1	c09
.....auuguacuucCucaggugcucu.....	2	1	c09
.....auuguacuucaucaggugcucC.....	4	1	c09
.....aGuguacuucaucaggugcucu.....	1	1	c09
.....auuguacuCcaucaggugcucu.....	1	1	c09
.....auuguGcuucaucaggugcucu.....	1	1	c09
.....auuguacuAcaucaggugcucu.....	1	1	c09
.....auuAuacuucaucaggugcucu.....	1	1	c09
.....auuguacuucaucagUugcucu.....	12	1	c09
.....auuUuacuucaucaggugcucu.....	1	1	c09
.....auuguacuucaucaggugcCcu.....	2	1	c09
.....auuguacCucaucaggugcucu.....	1	1	c09
.....auuguacuucGucaggugcucu.....	1	1	c09
.....auuguacuucaucaggugUucu.....	3	1	c09
.....auuguacuucaucGggugcucu.....	3	1	c09
.....auuguacuucauAaggugcucu.....	8	1	c09
.....auuguacuucaucaggugcuUu.....	3	1	c09
.....auuguacuucaucaAgugcucu.....	1	1	c09
.....Cuuguacuucaucaggugcucu.....	107	1	c09
.....auuguacuucaucaggugcGcu.....	1	1	c09
.....auuguacuucaucaggugcAcu.....	1	1	c09
.....auuguacAucaucaggugcucu.....	3	1	c09
.....auugCacuucaucaggugcucu.....	3	1	c09
.....auuguacuucaucagguUcucu.....	3	1	c09
.....auuguacuucaucaggugcucuU.....	282	1	c09
.....auuguaUuucaucaggugcucug.....	1	1	c09
.....auuguacuucaucaggugcucug.....	1682	0	c09
.....Guuguacuucaucaggugcucug.....	2	1	c09
.....auuguacuucauGaggugcucug.....	1	1	c09
.....auuguacuucaucaggugcAcug.....	1	1	c09
.....auuguacuucaucaggugAucug.....	3	1	c09
.....auuguCcuucaucaggugcucug.....	1	1	c09

Mature		**Star**	
gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc			
.....auuCuacuucaucaggugcucug.....	2	1	c09
.....auuguacuucaucaggugcuAug.....	2	1	c09
.....auuguacuuAaucaggugcucug.....	1	1	c09
.....auuguacuucaucaggAgcucug.....	1	1	c09
.....auuguaAuucaucaggugcucug.....	2	1	c09
.....auuguacuucaucagguCcucug.....	4	1	c09
.....auuguacuucaAcaggugcucug.....	1	1	c09
.....auuguacuuUaucaggugcucug.....	2	1	c09
.....auuguacuucaucUggugcucug.....	1	1	c09
.....auuguacuucaucaggugcucuA.....	19	1	c09
.....auuguacuucaucagCugcucug.....	3	1	c09
.....auuguacuucaucagUugcucug.....	1	1	c09
.....auuguacuucauUaggugcucug.....	1	1	c09
.....auuguacuucaucaggugcGcug.....	2	1	c09
.....auuguacuucaucaUgugcucug.....	1	1	c09
.....Cuuguacuucaucaggugcucug.....	31	1	c09
.....auuguacuucauAaggugcucug.....	2	1	c09
.....auuguGcuucaucaggugcucug.....	1	1	c09
.....auuguacuucaucaggugcucuC.....	11	1	c09
.....auuguacuucGucaggugcucug.....	1	1	c09
.....auuguacCucaucaggugcucug.....	1	1	c09
.....auuguacuucaucaggugUucug.....	1	1	c09
.....auuguacuucauGaggugcucugg.....	2	1	c09
.....auuCuacuucaucaggugcucugg.....	1	1	c09
.....auuguacuucaucagCugcucugg.....	2	1	c09
.....auugGacuucaucaggugcucugg.....	1	1	c09
.....auuguacuucaucaCgugcucugg.....	1	1	c09
.....auuguacuucaucGggugcucugg.....	3	1	c09
.....Cuuguacuucaucaggugcucugg.....	25	1	c09
.....auuguacuuUaucaggugcucugg.....	1	1	c09
.....auuguacAucaucaggugcucugg.....	2	1	c09
.....auuguacuucaucaggugcucuCg.....	3	1	c09
.....auugCacuucaucaggugcucugg.....	1	1	c09
.....auuguacuucaucaggugcucCgg.....	3	1	c09
.....Guuguacuucaucaggugcucugg.....	1	1	c09
.....auuUuacuucaucaggugcucugg.....	1	1	c09
.....auugAacuucaucaggugcucugg.....	3	1	c09
.....auuguacuucaucaggugcucuUg.....	3	1	c09
.....auuguacuucaucaggugcGcugg.....	1	1	c09
.....auuguacuucaucaggugcucugg.....	1530	0	c09
.....auuguacuucUucaggugcucugg.....	1	1	c09
.....auuguacuucauAaggugcucugg.....	4	1	c09
.....auuguacuucaucaggugcuAugg.....	3	1	c09
.....aAuguacuucaucaggugcucugg.....	1	1	c09
.....auuguGcuucaucaggugcucugg.....	1	1	c09
.....auuguacuucaucaggugcucugU.....	278	1	c09
.....auuAuacuucaucaggugcucugg.....	1	1	c09
.....auGguacuucaucaggugcucugg.....	1	1	c09
.....auuguacuucaucaggugcucugA.....	48	1	c09
.....auuguacuucaucagguUcucugg.....	1	1	c09
.....auuguacuucaucUggugcucugg.....	1	1	c09
.....auuguacuucaucaggugcucuAg.....	1	1	c09
.....auuguacuucauUaggugcucugg.....	1	1	c09
.....auuguacuucaucaggugcAcugg.....	1	1	c09
.....auuguacuucaucaggugcucugC.....	8	1	c09
.....aCuguacuucaucaggugcucugg.....	1	1	c09
.....auuguacuuAaucaggugcucugg.....	1	1	c09
.....auuguacuucaucaggugcucuggC.....	12	1	c09
.....auuguacuucaucaggugcucugAu.....	3	1	c09
.....auuguacuucaucaggugcucugCu.....	1	1	c09
.....auuguacuucaucaggugcucugUu.....	24	1	c09
.....Cuuguacuucaucaggugcucuggu.....	1	1	c09
.....auuguacuucaucaggugcucuggA.....	34	1	c09
.....auuguacuucaucaggugcucuggu.....	38	0	c09
.....auuguacuucaucaggugcucuggAg.....	3	1	c09
.....auuguacuucaucaggugcucuggUu.....	9	1	c09
.....auuguacuucaucaggugcucuggUC.....	1	1	c09
.....auuguacuucaucaggugcucuggUA.....	2	1	c09
.....auuguacuucaucaggugcucuggUUa.....	1	1	c09
.....auuguacuucaucaggugcucuggUAa.....	3	1	c09

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

..............................auuguacuucaucaggugcucugguUau.....	1	1	c09
..............................uGguacuucaucaggugcucu.....	1	1	c09
..............................uuguacuucaucaggugcucu.....	5	0	c09
..............................uuguacuucaucaggugcucuU.....	2	1	c09
..............................uuguacuucaucaggugcucug.....	2	0	c09
..............................uuguacuucaucaggugcucugg.....	3	0	c09
..............................uguacuucaucaggCgcuc.....	1	1	c09
..............................uguacuucaucaggugcucu.....	5	0	c09
..............................Aguacuucaucaggugcucug.....	1	1	c09
..............................uguacuucaucaggugcucug.....	2	0	c09
..............................uguacuucaucaggugcucugg.....	4	0	c09
..............................uguacuucaucaggugcucuggA.....	2	1	c09
..............................guacuucaucaggugcuc.....	17	0	c09
..............................Cuacuucaucaggugcuc.....	1	1	c09
..............................Cuacuucaucaggugcucu.....	2	1	c09
..............................guacuucaucagCugcucu.....	1	1	c09
..............................guacuucaucaggugcucu.....	76	0	c09
..............................gCacuucaucaggugcucu.....	1	1	c09
..............................guacuucaucaggugcucuU.....	3	1	c09
..............................guacuAcaucaggugcucug.....	1	1	c09
..............................guaAuucaucaggugcucug.....	1	1	c09
..............................guacuucaucaggugcucug.....	25	0	c09
..............................guacuucaucaggugcucugU.....	4	1	c09
..............................gAacuucaucaggugcucugg.....	1	1	c09
..............................guacuucaucaggugcucugg.....	22	0	c09
..............................uacuucaucaggugcucu.....	17	0	c09
..............................uacuucaucaggugcucug.....	3	0	c09
..............................uacuucaucaggugcucuU.....	2	1	c09
..............................uacuucaucaggugcucugA.....	1	1	c09
..............................uacuucaucaggugcucugg.....	1	0	c09
..............................Ccuucaucaggugcucug.....	6	1	c09
..............................acuucaucaggugcucuU.....	8	1	c09
..............................acuucaucaggugcucuA.....	1	1	c09
..............................acuucaucaggugcucug.....	22	0	c09
..............................acuucaucaggugcucuC.....	1	1	c09
..............................Ccuucaucaggugcucugg.....	5	1	c09
..............................acuucaucaggugcucugU.....	7	1	c09
..............................acuucaucaggugcucugg.....	32	0	c09
..............................acuucaucaggugcucugUu.....	1	1	c09
..............................acuucaucaggugcucuggA.....	1	1	c09
..............................cuucaucaggugcucugU.....	7	1	c09
..............................cuucaucaggugcucugg.....	13	0	c09
..............................cuucaucaggugcucuggA.....	1	1	c09
..............................uucaucaggugcucuggA.....	1	1	c09
..............................Cggcgcuuguuggaguac.....	1	1	c09
..............................aggcgcuuguuggaguaca.....	5	0	c09
..............................aggcgcuuguuggaguacac.....	3	0	c09
..............................aggcgcuuguuggaguacacu.....	19	0	c09
..............................aggcgcuAguuggaguacacuu.....	1	1	c09
..............................Cggcgcuuguuggaguacacuu.....	10	1	c09
..............................aggcgAuuguuggaguacacuu.....	1	1	c09
..............................aggcgcuuguuggaguacacuu.....	64	0	c09
..............................aggcgcuuguuggaguacacuuU.....	10	1	c09
..............................aggcgcuuguuggaguacacuuC.....	1	1	c09
..............................Cggcgcuuguuggaguacacuua.....	1	1	c09
..............................aggcgcuuguuggaguacacuua.....	25	0	c09
..............................aggcgcuuguuggaguacacuuac.....	2	0	c09
..............................aggcgcuuguuggaguacacuuaU.....	10	1	c09
..............................aggcgcuuguuggaguacacuuaA.....	3	1	c09
..............................ggcgcuuguuggaguaca.....	3	0	c09
..............................ggcgcuuguuggaguacac.....	2	0	c09
..............................ggcgcuuguuggaguacacu.....	2	0	c09
..............................ggcgcuuguuggaguacacuu.....	35	0	c09
..............................ggcgcuuguuggaguacacuua.....	30	0	c09
..............................ggcgcuuguuggaguacacuuU.....	4	1	c09
..............................ggcgcuuguuUgaguacacuua.....	1	1	c09
..............................ggcgcuuguuggaguacacuuaA.....	4	1	c09
..............................ggcgcuuguuggaguacacuuaU.....	8	1	c09
..............................ggcgcuuguuggaguacacuuacA.....	1	1	c09
..............................cauuguacuucaucaggugcuc.....	1	0	c04

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....cauuguacuucaucaggugcucug.....	1	0	c04
.....cauuguacuucaucaggugcucugg.....	8	0	c04
.....auuguacuucaucaggug.....	2	0	c04
.....auuguacuucaucaggugc.....	2	0	c04
.....Cuuguacuucaucaggugcu.....	1	1	c04
.....auuguacuucauAaggugcu.....	1	1	c04
.....auuguacuucaucaggugcu.....	3	0	c04
.....auuguacuucaucaggugcuU.....	1	1	c04
.....auuguacuucaucaggAgcuc.....	1	1	c04
.....auuguacuucaucaggugcuc.....	36	0	c04
.....auuguacuucaucaggugcuA.....	1	1	c04
.....auuguacuucaucaggugcucu.....	454	0	c04
.....auuguacuucaucaggugAucu.....	1	1	c04
.....auuguacuucaucaggugcuAu.....	1	1	c04
.....auuguacuucaucagguCcucu.....	1	1	c04
.....aAuguacuucaucaggugcucu.....	1	1	c04
.....auGguacuucaucaggugcucu.....	1	1	c04
.....auuguacuucaucaggugcGcu.....	1	1	c04
.....auuguacuucaucaggCgcucu.....	2	1	c04
.....auuguacuucUucaggugcucu.....	1	1	c04
.....auuguacuucGucaggugcucu.....	1	1	c04
.....Cuuguacuucaucaggugcucu.....	11	1	c04
.....Guuguacuucaucaggugcucu.....	1	1	c04
.....auuguacuucaucaUgugcucu.....	1	1	c04
.....auuguacuucaucaggugcucG.....	1	1	c04
.....auuguacuucaucaggugcucuC.....	4	1	c04
.....auuguacAucaucaggugcucug.....	2	1	c04
.....auuguacuucaucaggugcuAug.....	2	1	c04
.....auAguacuucaucaggugcucug.....	1	1	c04
.....auuguacuucaucagguCcucug.....	3	1	c04
.....auuguacuucaucaggugcGcug.....	1	1	c04
.....auuguacuucGucaggugcucug.....	1	1	c04
.....auuguacuucauAaggugcucug.....	2	1	c04
.....auuguacuucaucaggugcucug.....	505	0	c04
.....auuguCcuucaucaggugcucug.....	1	1	c04
.....auugAacuucaucaggugcucug.....	1	1	c04
.....auuguacuucaucaggugcucuA.....	2	1	c04
.....Cuuguacuucaucaggugcucug.....	8	1	c04
.....auuguacuucaucaggugcucuU.....	28	1	c04
.....auuguacuuUaucaggugcucug.....	1	1	c04
.....Uuuguacuucaucaggugcucug.....	1	1	c04
.....auuguaGuucaucaggugcucug.....	1	1	c04
.....auuguacuucaucaggugcuUug.....	1	1	c04
.....auuguacuucaucaggugcucugU.....	74	1	c04
.....auuguacuucaucaggugcucugg.....	528	0	c04
.....auuguCcuucaucaggugcucugg.....	1	1	c04
.....auuguacuucauAaggugcucugg.....	1	1	c04
.....auuguacuucaucaggugcuAugg.....	1	1	c04
.....Cuuguacuucaucaggugcucugg.....	17	1	c04
.....auuguacuucaucagUugcucugg.....	1	1	c04
.....auuguacAucaucaggugcucugg.....	1	1	c04
.....auuguacuucaucGggugcucugg.....	1	1	c04
.....auuguacuucaucaggugAucugg.....	3	1	c04
.....Uuuguacuucaucaggugcucugg.....	2	1	c04
.....auuguacuucaucaggugcGcugg.....	1	1	c04
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.....auuguacuucaucagguUcucugg.....	1	1	c04
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.....auuguacuucaucagCugcucugg.....	1	1	c04
.....auuguacuucaucaggugcucugC.....	4	1	c04
.....auuguGcuucaucaggugcucugg.....	1	1	c04
.....auuguacuuAaucaggugcucugg.....	1	1	c04
.....auuguacuucaucaggugcCcugg.....	1	1	c04
.....auuguacuucaucUggugcucugg.....	1	1	c04
.....auuguacuucaucagguCcucugg.....	1	1	c04
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.....auuguacuucaucaggugcucuggC.....	2	1	c04
.....auAguacuucaucaggugcucuggu.....	1	1	c04
.....auuguacuucaucaggugcucugAu.....	1	1	c04
.....auuguacuucaucaggugcucugUu.....	9	1	c04

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....auuguacuucaucaggugcucuggu.....	16	0	c04
.....auuguacuucaucaggugcucugguU.....	3	1	c04
.....auuguacuucaucaggugcucugguUau.....	1	1	c04
.....uuguacuucaucaggugcuc.....	1	0	c04
.....uuguacuucaucaggugcucugg.....	1	0	c04
.....uguaGuucaucaggugcucu.....	1	1	c04
.....uguacuucaucaggugcucugU.....	1	1	c04
.....guacuucaucaggugcucu.....	10	0	c04
.....guacuucaucaggugcucug.....	8	0	c04
.....guacuucaucaggugcucugg.....	1	0	c04
.....guacuucaucaggugcucuggu.....	1	0	c04
.....Ccuucaucaggugcucug.....	2	1	c04
.....acuucaucaggugcucug.....	4	0	c04
.....acuucaucaggugcucugU.....	1	1	c04
.....acuucaucaggugcucugg.....	2	0	c04
.....cuucaucaggugcucugg.....	3	0	c04
.....aggcgcuuguuggaguaca.....	1	0	c04
.....aggcgcuuguuggaguacacu.....	1	0	c04
.....aggcgcuuguuggaguacacuu.....	4	0	c04
.....aggcgcuuguuggaguacacuua.....	14	0	c04
.....Cggcgcuuguuggaguacacuua.....	1	1	c04
.....aggcgcuuguuggaguacacuuaA.....	1	1	c04
.....ggcgcuuguuggaguacac.....	1	0	c04
.....ggcgcuuguuggaguacacu.....	2	0	c04
.....ggcgcuuguuggaguacacuu.....	2	0	c04
.....ggcgcuuguuggaguacacuua.....	11	0	c04
.....ggcgcuuguuggaguacacuuU.....	1	1	c04
.....ggcgcuuguuggaguacacuuaU.....	1	1	c04

.....cauuguacuucaucaggugcuc.....	2	0	c16
.....cauuguacuucaucaggugcucu.....	14	0	c16
.....cauuguacuucaucaggugcucug.....	6	0	c16
.....cauuguacuucaucaggugcucugg.....	8	0	c16
.....cauuguacuucaucaggugcucugU.....	3	1	c16
.....cauuguacuucaucaggugcucuggC.....	1	1	c16
.....auuguacuucaucaggug.....	15	0	c16
.....Cuuguacuucaucaggug.....	2	1	c16
.....auuguacuucaucagguU.....	1	1	c16
.....auuguacuucaucaggugc.....	14	0	c16
.....aCuguacuucaucaggugcu.....	1	1	c16
.....Cuuguacuucaucaggugcu.....	6	1	c16
.....auuguacuucaucCggugcu.....	1	1	c16
.....auuguacuucaucaCgugcu.....	1	1	c16
.....auuguacuucaucaggugcu.....	135	0	c16
.....auuguacuucauAaggugcu.....	1	1	c16
.....auuguacCucaucaggugcu.....	1	1	c16
.....auuguacuucaucUggugcu.....	1	1	c16
.....auuguacuucaucGggugcu.....	1	1	c16
.....auugAacuucaucaggugcuc.....	3	1	c16
.....auuguacuucGucaggugcuc.....	1	1	c16
.....auuguacuucaucagguUcuc.....	2	1	c16
.....auuguacuucaucaggugcuA.....	3	1	c16
.....auuguacuucaucaggugAuc.....	1	1	c16
.....auuguacuucaucaggugcuc.....	1393	0	c16
.....auuguacuucaucagCugcuc.....	4	1	c16
.....auuguacuucaucaggugcuU.....	16	1	c16
.....auuguacuucaucaCgugcuc.....	3	1	c16
.....auuguaAuucaucaggugcuc.....	4	1	c16
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.....auuguacuucaucaggAgcuc.....	1	1	c16
.....auuguacuucaucagguAcuc.....	2	1	c16
.....auuguacuucaucagAugcuc.....	1	1	c16
.....auuCuacuucaucaggugcuc.....	4	1	c16
.....auuguUcuucaucaggugcuc.....	1	1	c16

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....auuguacuucCucaggugcuc.....	3	1	c16
.....Cuuguacuucaucaggugcuc.....	91	1	c16
.....auuguacuucaucaggGgcuc.....	1	1	c16
.....auCguacuucaucaggugcuc.....	1	1	c16
.....auuguacuuAaucaggugcuc.....	1	1	c16
.....aAuguacuucaucaggugcuc.....	2	1	c16
.....auuguacuucaucagguCcuc.....	1	1	c16
.....auuguGcuucaucaggugcuc.....	1	1	c16
.....auuguacAucaucaggugcuc.....	1	1	c16
.....auuguacuucUucaggugcuc.....	1	1	c16
.....auuguacuucaucaggCgcuc.....	1	1	c16
.....auuguacuucaucaggugUuc.....	2	1	c16
.....auuguacuucCucaggugcucu.....	8	1	c16
.....auuguacuucaucagUugcucu.....	7	1	c16
.....Cuuguacuucaucaggugcucu.....	286	1	c16
.....auuguacuucaCcaggugcucu.....	1	1	c16
.....auAguacuucaucaggugcucu.....	1	1	c16
.....auGguacuucaucaggugcucu.....	1	1	c16
.....auuguacuucauGaggugcucu.....	1	1	c16
.....auuguacuGcaucaggugcucu.....	1	1	c16
.....auuguacuucaucaggugcCcu.....	1	1	c16
.....auuguacuucaucagguUcucu.....	5	1	c16
.....auuguCcuucaucaggugcucu.....	3	1	c16
.....auuguacuucaucaggugcucu.....	4571	0	c16
.....auuguacGucaucaggugcucu.....	2	1	c16
.....auuguacuucauAaggugcucu.....	8	1	c16
.....auuguacuucaucagguAcucu.....	1	1	c16
.....auuguacAucaucaggugcucu.....	5	1	c16
.....auuguacuucaucagAugcucu.....	1	1	c16
.....auugAacuucaucaggugcucu.....	2	1	c16
.....auuguacuucaucaggugcAcu.....	1	1	c16
.....auuguacuucaGcaggugcucu.....	1	1	c16
.....auuguacuucaucCggugcucu.....	1	1	c16
.....aCuguacuucaucaggugcucu.....	3	1	c16
.....auuguacuucaucaggugcucA.....	2	1	c16
.....auuguacuAcaucaggugcucu.....	2	1	c16
.....Guuguacuucaucaggugcucu.....	3	1	c16
.....auuguGcuucaucaggugcucu.....	1	1	c16
.....auuguacuuGaucaggugcucu.....	1	1	c16
.....auuguaUuucaucaggugcucu.....	3	1	c16
.....auuguacuucaucaggAgcucu.....	1	1	c16
.....auuguacuucaucaggugcuAu.....	5	1	c16
.....auuguacuucaucaUgugcucu.....	3	1	c16
.....auuguacuucauUaggugcucu.....	3	1	c16
.....auuguacuucaucaggugAucu.....	7	1	c16
.....auuguacuucaucaggugGucu.....	1	1	c16
.....aAuguacuucaucaggugcucu.....	2	1	c16
.....auuguacuuUaucaggugcucu.....	2	1	c16
.....auugGacuucaucaggugcucu.....	1	1	c16
.....auuCuacuucaucaggugcucu.....	5	1	c16
.....auuguacuucaucagguCcucu.....	9	1	c16
.....auuguaGuucaucaggugcucu.....	1	1	c16
.....auuguacuucaucaggGgcucu.....	2	1	c16
.....auuguacuucaucaggugcucG.....	1	1	c16
.....auuguacuucaucUgggugcucu.....	3	1	c16
.....auuguacuucaucagCugcucu.....	11	1	c16
.....auuguacuucaucGggugcucu.....	3	1	c16
.....auuguacuucaucaggugcucC.....	3	1	c16
.....auuguacuucUucaggugcucu.....	1	1	c16
.....auuguacuucaucaggugUucu.....	3	1	c16
.....auuguacuuAaucaggugcucu.....	8	1	c16
.....auuguacuucaucaCgugcucu.....	2	1	c16
.....auugCacuucaucaggugcucu.....	2	1	c16
.....auuguaAuucaucaggugcucu.....	3	1	c16
.....auuguacuucaucaggugcuUu.....	3	1	c16
.....auuguacuucaucaggCgcucu.....	2	1	c16
.....auuguacuucaucaggugcucuU.....	283	1	c16
.....auuguCcuucaucaggugcucug.....	6	1	c16
.....Uuuguacuucaucaggugcucug.....	1	1	c16
.....auuguacuucGucaggugcucug.....	2	1	c16

	Mature	Star			
gcgccagcacaggagccccgccgccgcacgccc	auuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc				
.....	auuguacuGcaucaggugcucug	.....	1	1	c16
.....	auuguacuucaucagguUcucug	.....	1	1	c16
.....	auuguacuuAaucaggugcucug	.....	1	1	c16
.....	auuguacuucaucaggugcucug	.....	3425	0	c16
.....	auuguacuucaucaggugcuAug	.....	5	1	c16
.....	auuguacuucaucaUgugcucug	.....	3	1	c16
.....	auuguacuucCucaggugcucug	.....	4	1	c16
.....	auuguacGucaucaggugcucug	.....	1	1	c16
.....	auugAacuucaucaggugcucug	.....	3	1	c16
.....	auuguacuucaucaggugcGcug	.....	1	1	c16
.....	auuAuacuucaucaggugcucug	.....	1	1	c16
.....	Cuuguacuucaucaggugcucug	.....	250	1	c16
.....	auuguacuucaucagguCcucug	.....	5	1	c16
.....	auuguacuucauGaggugcucug	.....	1	1	c16
.....	auuguacuucaucaggCgcucug	.....	1	1	c16
.....	auuguacuucaucaggugcucGg	.....	1	1	c16
.....	auuguacuucaucaggugcAcug	.....	1	1	c16
.....	auuguacuucaucCggugcucug	.....	2	1	c16
.....	auuguacuucaucaggugcucuC	.....	4	1	c16
.....	auuguacuucaucaCgugcucug	.....	4	1	c16
.....	auuguacuucaucagCugcucug	.....	8	1	c16
.....	auuUuacuucaucaggugcucug	.....	1	1	c16
.....	auuguacuuGaucaggugcucug	.....	2	1	c16
.....	auuguacuucaucagguAcucug	.....	2	1	c16
.....	auuguacuucaucaAgugcucug	.....	1	1	c16
.....	auuguacuucaucaggugcCcug	.....	1	1	c16
.....	auuguacAucaucaggugcucug	.....	2	1	c16
.....	auuguaAuucaucaggugcucug	.....	5	1	c16
.....	auuguacuucauUaggugcucug	.....	1	1	c16
.....	auuguacuuUaucaggugcucug	.....	1	1	c16
.....	aAuguacuucaucaggugcucug	.....	4	1	c16
.....	auuguacuucaucaggugcucCg	.....	2	1	c16
.....	auuguacuucaucaggugcucuA	.....	6	1	c16
.....	auuguacuAcaucaggugcucug	.....	3	1	c16
.....	auuguacuucaucUggugcucug	.....	4	1	c16
.....	auuguacuucauAaggugcucug	.....	4	1	c16
.....	auuCuacuucaucaggugcucug	.....	4	1	c16
.....	Guuguacuucaucaggugcucug	.....	5	1	c16
.....	auuguacuucaucaggugAucug	.....	4	1	c16
.....	auuguacuucaucagUugcucug	.....	1	1	c16
.....	auuguacuucaucaggugcucAg	.....	3	1	c16
.....	auuguacuucaucaggugcuGug	.....	1	1	c16
.....	auAguacuucaucaggugcucug	.....	2	1	c16
.....	auuguacuucaucGggugcucug	.....	3	1	c16
.....	auuguacuucUucaggugcucug	.....	1	1	c16
.....	auuguacuucaucaggugcucCgg	.....	3	1	c16
.....	auuguCcuucaucaggugcucugg	.....	5	1	c16
.....	auuguacuucaucagguCcucugg	.....	3	1	c16
.....	auuguacuucaucaggugAucugg	.....	8	1	c16
.....	auuguacuucaucGggugcucugg	.....	5	1	c16
.....	auuguacuucaucaggugcuGugg	.....	1	1	c16
.....	auuguacuucaucaggugcucuUg	.....	2	1	c16
.....	auuCuacuucaucaggugcucugg	.....	6	1	c16
.....	auuguacuucauAaggugcucugg	.....	2	1	c16
.....	auuguacuucaucaggugcucAgg	.....	2	1	c16
.....	auuguaUuucaucaggugcucugg	.....	1	1	c16
.....	auuguacCucaucaggugcucugg	.....	2	1	c16
.....	auuguacuucaucUggugcucugg	.....	1	1	c16
.....	auuguacuucaucagUugcucugg	.....	1	1	c16
.....	auuguacuuAaucaggugcucugg	.....	2	1	c16
.....	Guuguacuucaucaggugcucugg	.....	2	1	c16
.....	auuUuacuucaucaggugcucugg	.....	2	1	c16
.....	auuguacuucaucaggugcucugU	.....	923	1	c16
.....	auuguacuucaucaggugcucugC	.....	16	1	c16
.....	auuguacuucaucagguUcucugg	.....	2	1	c16
.....	auuguacuucaucaggugUucugg	.....	1	1	c16
.....	auuguacuucauUaggugcucugg	.....	1	1	c16
.....	auuguacuucaucaggugcucugA	.....	71	1	c16
.....	auCguacuucaucaggugcucugg	.....	1	1	c16
.....	auuguacuucaucaggugcucugg	.....	3067	0	c16

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....auuguacuucaucaggugcAcugg.....	1	1	c16
.....auuguacuAcaucaggugcucugg.....	2	1	c16
.....auuguacuucaucaggugcucuCg.....	3	1	c16
.....auuguacuucaucCggugcucugg.....	1	1	c16
.....auuguacuucaucaggugcucGgg.....	1	1	c16
.....aGuguacuucaucaggugcucugg.....	1	1	c16
.....auuguacuucUucaggugcucugg.....	1	1	c16
.....auuguacuucaucaggugcucuAg.....	2	1	c16
.....auuguacuucaucaggAgcucugg.....	2	1	c16
.....auuguacuucaucaUgugcucugg.....	1	1	c16
.....Cuuguacuucaucaggugcucugg.....	217	1	c16
.....auuguacuucaucaggCgcucugg.....	1	1	c16
.....auuguaAuucaucaggugcucugg.....	3	1	c16
.....auuguacuucaucaggugcCcugg.....	2	1	c16
.....auuguacuucaucaCgugcucugg.....	1	1	c16
.....auuguacGucaucaggugcucugg.....	1	1	c16
.....auuguacuucaAcaggugcucugg.....	2	1	c16
.....auuguacuGcaucaggugcucugg.....	1	1	c16
.....auuguacuucaucagCugcucugg.....	6	1	c16
.....auuguacuucaucaggugcuAugg.....	10	1	c16
.....auugCacuucaucaggugcucugg.....	4	1	c16
.....auuguacAucaucaggugcucugg.....	2	1	c16
.....Cuuguacuucaucaggugcucuggu.....	4	1	c16
.....auuguacuucaucaggugcucuggG.....	2	1	c16
.....aAuguacuucaucaggugcucuggu.....	1	1	c16
.....auuguacuAcaucaggugcucuggu.....	1	1	c16
.....auuguacuucaucaggugcucugAu.....	4	1	c16
.....auuguacuucaucaggugcucugCu.....	3	1	c16
.....auuguacuucaucaggugAucuggu.....	1	1	c16
.....auuguacuucaucaggugcucuggC.....	11	1	c16
.....auuguacuucaucaggugcucuggu.....	113	0	c16
.....auuguacuucaucaggugcucugUu.....	159	1	c16
.....auugAacuucaucaggugcucuggu.....	2	1	c16
.....auuguacuucaucAUgugcucuggu.....	1	1	c16
.....auuguacuucaucaggugcucuggA.....	31	1	c16
.....auuguacuucaucaggugcucugguA.....	2	1	c16
.....auuguacuucaucaggugcucugguU.....	15	1	c16
.....auuguacuucaucaggugcucugguUa.....	1	1	c16
.....auuguacuucaucaggugcucugguUau.....	2	1	c16
.....auuguacuucaucaggugcucugguAau.....	1	1	c16
.....uuguacuucaucaggugcu.....	1	0	c16
.....Guguacuucaucaggugcuc.....	1	1	c16
.....uuguacuucaucaggugcuc.....	2	0	c16
.....Cuguacuucaucaggugcucu.....	1	1	c16
.....Guguacuucaucaggugcucu.....	2	1	c16
.....uuguacuucaucaggugcucu.....	6	0	c16
.....uuguacuucaucaggugcucug.....	4	0	c16
.....uuguacuucaucaggugcucugU.....	1	1	c16
.....Guguacuucaucaggugcucugg.....	1	1	c16
.....uuguacuucaucaggugcucugg.....	7	0	c16
.....uguacuucaucaggugcuc.....	1	0	c16
.....uguacuucaucaggugcucu.....	4	0	c16
.....uguacuucaucaggugcucug.....	2	0	c16
.....uguacuucaucaggugcucugg.....	9	0	c16
.....Uuacuucaucaggugcucu.....	1	1	c16
.....guacuucaucaggugcucu.....	28	0	c16
.....Cuacuucaucaggugcucu.....	1	1	c16
.....guacuucaucaggugcucug.....	28	0	c16
.....guacuucaucaggugcucuA.....	1	1	c16
.....guacuucaucaggugcucuU.....	1	1	c16
.....guacuucaucaggugcucugA.....	1	1	c16
.....guacuucaucaggugcucugg.....	12	0	c16
.....guacuucaucaggugcucugU.....	5	1	c16
.....guacuucaucaggugcucuggA.....	1	1	c16
.....Gacuucaucaggugcucu.....	1	1	c16
.....uacuucaucaggugcucu.....	2	0	c16
.....uacuucaucaggugcucug.....	2	0	c16
.....Gacuucaucaggugcucug.....	2	1	c16
.....uacuucaucaggugcucugg.....	5	0	c16
.....uacuucaucaggugcucugU.....	2	1	c16

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....acuucaucaggugcucuU.....	1	1	c16
.....Ccuucaucaggugcucug.....	10	1	c16
.....acuucaucaggugcucug.....	14	0	c16
.....acuucaucaggugcAcug.....	1	1	c16
.....acuucaucaggugcucugU.....	3	1	c16
.....acuucaucaggCgcucugg.....	1	1	c16
.....Ccuucaucaggugcucugg.....	7	1	c16
.....acuucaucaggugcucugg.....	21	0	c16
.....cuucaucaggugcucugg.....	17	0	c16
.....cuCcaucaggugcucugg.....	2	1	c16
.....cuucaucaggugcucugU.....	2	1	c16
.....Cggcgcuuguuggaguac.....	1	1	c16
.....aggcgcuuguuggaguacac.....	5	0	c16
.....aggcgcuuguuggaguacacu.....	4	0	c16
.....Cggcgcuuguuggaguacacu.....	3	1	c16
.....aggcgcuuguuggaguacacuu.....	33	0	c16
.....Cggcgcuuguuggaguacacuu.....	9	1	c16
.....aggcgcuuguuggaguacacuua.....	52	0	c16
.....aggcgcuuguuggaguaUacuua.....	1	1	c16
.....Cggcgcuuguuggaguacacuua.....	6	1	c16
.....aggcgcuuguuggaguacacuuaU.....	3	1	c16
.....aggcgcuuguuggaguacacuuac.....	4	0	c16
.....aggcgcuuguuggaguacacuuaA.....	2	1	c16
.....aggcgcuuguuggaguacacuuacA.....	1	1	c16
.....ggcgcuuguuggaguacac.....	1	0	c16
.....ggcgcuuguuggaguacacu.....	3	0	c16
.....ggcgcuuguuggaguacacuu.....	24	0	c16
.....ggcgcuuguuggaguacacuuU.....	4	1	c16
.....ggcgcuuguuggaguacacuua.....	34	0	c16
.....ggcgcuuguuggaguacacuuaU.....	11	1	c16
.....ggcgcuuguuggaguacacuuac.....	2	0	c16
.....ggcgcuuguuggaguacacuuaA.....	2	1	c16
.....ggcgcuuguuggaguacacuuacA.....	1	1	c16
.....cgcuuguuggaguacacuua.....	1	0	c16

.....cauuguacuucaucaggugcu.....	1	0	c15
.....cauuguacuucaucaggugcucugg.....	1	0	c15
.....cauuguacuucaucaggugcucugguU.....	2	1	c15
.....auuguacuucaucaggug.....	2	0	c15
.....auuguacuucaucaggugc.....	7	0	c15
.....auuguacuucaucaggugcu.....	15	0	c15
.....auuguacuucaucaggAgcuc.....	1	1	c15
.....auuguacuucaucaggugcuA.....	1	1	c15
.....auuguacuucaucaggugcuc.....	137	0	c15
.....auuguacuucaucaggugcuU.....	1	1	c15
.....auuguacuucaucaggugcucu.....	58	0	c15
.....auuguaAuucaucaggugcucug.....	1	1	c15
.....auuguacuucaucaggCgcucug.....	2	1	c15
.....auuguacuucaucaggugcucuU.....	15	1	c15
.....auuguacuucaucaggugcucuC.....	1	1	c15
.....auuguacGucaucaggugcucug.....	1	1	c15
.....aAuguacuucaucaggugcucug.....	1	1	c15
.....auuguacuucaucaggugcucCg.....	1	1	c15
.....Uuuguacuucaucaggugcucug.....	2	1	c15
.....auuguacuucaucaggugcCcug.....	1	1	c15
.....auuguacuucaucaggugcucuA.....	34	1	c15
.....auugGacuucaucaggugcucug.....	1	1	c15
.....auuguacuucaucaggAgcucug.....	1	1	c15
.....aGuguacuucaucaggugcucug.....	1	1	c15
.....auuguacuucaucaggugcucug.....	634	0	c15
.....auuguacuucaucGggugcucug.....	2	1	c15
.....auugCacuucaucaggugcucug.....	1	1	c15
.....auuguacuucaucaggugcucGg.....	1	1	c15
.....auuguacuucaucaggugcGcugg.....	3	1	c15
.....auuguacuucaucagguAcucugg.....	1	1	c15
.....auuguacAucaucaggugcucugg.....	2	1	c15
.....aCuguacuucaucaggugcucugg.....	3	1	c15
.....auuguacuucaucaggAgcucugg.....	5	1	c15
.....auuguacuucaucaggCgcucugg.....	5	1	c15
.....auCguacuucaucaggugcucugg.....	1	1	c15

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....auuguacuucaucaggugcucugC.....	34	1	c15
.....auuguacuucaucaggGgcucugg.....	2	1	c15
.....auuguacuucaucaggugcucugA.....	78	1	c15
.....auuguacuucaucagAugcucugg.....	2	1	c15
.....auuguacuucaucaggugcAcugg.....	1	1	c15
.....auuguacuucaucaggugcuUugg.....	2	1	c15
.....auuguacuucaucGggugcucugg.....	2	1	c15
.....Cuuguacuucaucaggugcucugg.....	1	1	c15
.....auuguacuucGucaggugcucugg.....	1	1	c15
.....auuguacuucaucUggugcucugg.....	1	1	c15
.....auuguacuucaucaggugcucugg.....	2713	0	c15
.....auuguGcuucaucaggugcucugg.....	1	1	c15
.....auuguacuucaucaggugcuAugg.....	1	1	c15
.....auuguacGucaucaggugcucugg.....	1	1	c15
.....auuguacuucaucaggugcucCgg.....	3	1	c15
.....auuguacuucaucaggugcucugU.....	1115	1	c15
.....auuguacuucaucaggugcucGgg.....	1	1	c15
.....auuguacuucaucaggugcCcugg.....	1	1	c15
.....auuUuacuucaucaggugcucugg.....	1	1	c15
.....auuguacuucaucaggugcucuAg.....	3	1	c15
.....Guuguacuucaucaggugcucugg.....	2	1	c15
.....aGuguacuucaucaggugcucugg.....	3	1	c15
.....auugCacuucaucaggugcucugg.....	1	1	c15
.....auuAuacuucaucaggugcucugg.....	1	1	c15
.....auuguacuucauGaggugcucugg.....	2	1	c15
.....aAuguacuucaucaggugcucugg.....	1	1	c15
.....auuguacuucaucaggugcucuUg.....	1	1	c15
.....auuguacuucaucaggugcucugAu.....	8	1	c15
.....auuguacuucaucaggCgcucuggu.....	2	1	c15
.....auuguacuucaucaggAgcucuggu.....	1	1	c15
.....auuguacuucaucaggugcucugUu.....	195	1	c15
.....auuguacuucaucaggugcucugCu.....	23	1	c15
.....auuguacuucaucaggugcucuggA.....	7	1	c15
.....auuguacuucaucaggugcucuggu.....	399	0	c15
.....auuguacuucauGaggugcucuggu.....	1	1	c15
.....auuguacuucaucaggugcucuggC.....	5	1	c15
.....auuguGcuucaucaggugcucuggu.....	1	1	c15
.....auuguacuuUaucaggugcucuggu.....	1	1	c15
.....auuguacuucaucaggugcucuggug.....	1	0	c15
.....auuguacuucaucaggugcucugguC.....	1	1	c15
.....auuguacuucaucaggugcucugUug.....	1	1	c15
.....auuguacuucaucaggugcucugguU.....	131	1	c15
.....auuguacuucaucaggugcucugguA.....	11	1	c15
.....auuguacuucaucaggugcucugguAa.....	6	1	c15
.....auuguacuucaucaggugcucugguUa.....	9	1	c15
.....auuguacuucaucaggugcucuggGga.....	1	1	c15
.....auuguacuucaucaggugcucugguUau.....	35	1	c15
.....uguacuucaucaggugcucu.....	1	0	c15
.....uguacuucaucaggugcucugg.....	1	0	c15
.....guacuucaucaggugcucug.....	2	0	c15
.....guacuucaucaggugcucugg.....	2	0	c15
.....guacuucaucaggugcucugU.....	1	1	c15
.....guacuucaucaggugcucuggA.....	1	1	c15
.....acuucaucaggugcucugg.....	1	0	c15
.....cuucaucaggugcucugg.....	2	0	c15
.....aggcgcuuguuggaguacac.....	6	0	c15
.....Uggcgcuuguuggaguacacu.....	1	1	c15
.....aggcgcuuguuggaguacacu.....	12	0	c15
.....aggcgcuuguuggaguacacuu.....	41	0	c15
.....aggcgcuuguuggaguacacuA.....	1	1	c15
.....aggcgcuuguuggaguacacuua.....	452	0	c15
.....aggcgcuuguugAaguacacuua.....	1	1	c15
.....Gggcgcuuguuggaguacacuua.....	1	1	c15
.....aggcgcuuAuuggaguacacuua.....	1	1	c15
.....aggcgcuuguuAgaguacacuua.....	1	1	c15
.....aggcgcuuguuggaguacacuCa.....	2	1	c15
.....aggcgcuuguuggaguacacuuU.....	7	1	c15
.....aggcgcuuguuggaAuacacuua.....	1	1	c15
.....Uggcgcuuguuggaguacacuua.....	2	1	c15
.....aggcgcuuguuggagAacacuua.....	1	1	c15

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....aggcgcuuguuggaguacacuuac.....	22	0	c15
.....aggcgcuuguuggaguacacuuaU.....	53	1	c15
.....aggcgcuuguuggaguacacuuaA.....	12	1	c15
.....aggcgcuuguuggaguacacuuacA.....	3	1	c15
.....aggcgcuuguuggaguacacuuacc.....	1	0	c15
.....ggcgcuuguuggaguacacu.....	2	0	c15
.....ggcgcuuguuggagAacacuu.....	1	1	c15
.....ggcgcuuguuggaguacacuu.....	11	0	c15
.....ggcgcuuguuggaguacacGua.....	1	1	c15
.....Ugcgcuuguuggaguacacuua.....	1	1	c15
.....ggcgcuuguuggUguacacuua.....	1	1	c15
.....ggcgcuuguuggaguacacuuU.....	1	1	c15
.....Agcgcuuguuggaguacacuua.....	1	1	c15
.....ggcgcuuguuggaguacacuua.....	187	0	c15
.....ggcgcuuguuggaguacacuuaU.....	21	1	c15
.....ggcgcuuguuggaguacacuuac.....	5	0	c15
.....ggcgcuuguuggaguacacuuaA.....	3	1	c15
.....ggcgcuuguuggaguacacuuacc.....	1	0	c15

.....cauuguacuucaucaggugcu.....	1	0	c02
.....cauuguacuucaucaggugcuc.....	1	0	c02
.....cauuguacuucaucaggugcucu.....	5	0	c02
.....cauuguacuucaucaggugcucug.....	1	0	c02
.....cauuguacuucaucaggugcucugg.....	1	0	c02
.....Cuuguacuucaucaggug.....	2	1	c02
.....auuguacuucaucaggug.....	7	0	c02
.....auuguacuucaucaggugc.....	17	0	c02
.....auuguacuucaucaggugU.....	1	1	c02
.....Cuuguacuucaucaggugc.....	4	1	c02
.....auuguacuucUucaggugcu.....	1	1	c02
.....auuguacuucaucaggugUu.....	1	1	c02
.....auuguaUuucaucaggugcu.....	1	1	c02
.....auuguacuucaucaggugcu.....	207	0	c02
.....aAuguacuucaucaggugcu.....	1	1	c02
.....auAguacuucaucaggugcu.....	1	1	c02
.....auuguacuucaucGggugcu.....	1	1	c02
.....auuguacuucaucaggugAu.....	1	1	c02
.....Cuuguacuucaucaggugcu.....	11	1	c02
.....auuguacuCcaucaggugcu.....	1	1	c02
.....auuguacuucaucaCgugcuc.....	1	1	c02
.....auugAacuucaucaggugcuc.....	1	1	c02
.....auuguacuucaucaggugcuU.....	18	1	c02
.....auuguacuucaucaggugcuG.....	1	1	c02
.....auuguacuucaucaggugcuA.....	8	1	c02
.....auuguacuucaucGggugcuc.....	3	1	c02
.....auuguacuucaucCggugcuc.....	1	1	c02
.....Cuuguacuucaucaggugcuc.....	72	1	c02
.....auuguacuucaucagguUcuc.....	1	1	c02
.....auuguacuucaucaUgugcuc.....	2	1	c02
.....auuguacuucaucagguCcuc.....	2	1	c02
.....auuguacuucauUaggugcuc.....	1	1	c02
.....Guuguacuucaucaggugcuc.....	1	1	c02
.....auugCacuucaucaggugcuc.....	1	1	c02
.....auuguacuucaucaggugcuc.....	1252	0	c02
.....auuguacuuAaucaggugcuc.....	2	1	c02
.....auuUuacuucaucaggugcuc.....	1	1	c02
.....auuguacuucCucaggugcuc.....	3	1	c02
.....auuguacuucaucagguAcuc.....	1	1	c02
.....auuguacuucauAaggugcuc.....	2	1	c02
.....auuguacuucaucaggugcCc.....	1	1	c02
.....auuguacuucUucaggugcuc.....	1	1	c02
.....auuguacuCcaucaggugcuc.....	1	1	c02
.....auuguacuucaucagCugcuc.....	5	1	c02
.....auuguacuucaucagUugcuc.....	1	1	c02
.....auuguacAucaucaggugcuc.....	4	1	c02
.....auuguaAuucaucaggugcuc.....	1	1	c02
.....auuguacuucaAcaggugcucu.....	1	1	c02
.....auuguaAuucaucaggugcucu.....	3	1	c02
.....auuguacuucaucaggugcucC.....	1	1	c02
.....auuguacuucaCcaggugcucu.....	3	1	c02

	Mature	Star			
gcgccagcacaggagccccgccgccgcacgccc	auuguacuucaucaggugcucu	ggugaugaugguucc	aggcgcuuguuggaguacacuua	ccgugucggcgguaguccgc	
..............................auuguacuucCucaggugcucu..				6	1 c02
..............................auuguaUuucaucaggugcucu..				2	1 c02
..............................auuguacuucaucaggugcGcu..				1	1 c02
..............................auuguacuucaucagguUcucu..				1	1 c02
..............................auuguacuGcaucaggugcucu..				3	1 c02
..............................auuguacuucaucagguCcucu..				7	1 c02
..............................auuguacuucauUaggugcucu..				2	1 c02
..............................auuguacuucaucaggAgcucu..				1	1 c02
..............................Cuuguacuucaucaggugcucu..				262	1 c02
..............................auuUuacuucaucaggugcucu..				2	1 c02
..............................auuguacuucaucaggGgcucu..				1	1 c02
..............................auuguacuucaucaggugUucu..				8	1 c02
..............................auuguacuucaucaggugcucu..				4519	0 c02
..............................auuCuacuucaucaggugcucu..				5	1 c02
..............................auuguaGuucaucaggugcucu..				1	1 c02
..............................auCguacuucaucaggugcucu..				2	1 c02
..............................auugGacuucaucaggugcucu..				1	1 c02
..............................auuguacuucaucaggugcCcu..				1	1 c02
..............................auuguacAucaucaggugcucu..				2	1 c02
..............................auuguacuuGaucaggugcucu..				1	1 c02
..............................auugAacuucaucaggugcucu..				5	1 c02
..............................auuguacuucaucagCugcucu..				14	1 c02
..............................aAuguacuucaucaggugcucu..				3	1 c02
..............................auuguacuucaucaggCgcucu..				1	1 c02
..............................auuAuacuucaucaggugcucu..				1	1 c02
..............................auuguCcuucaucaggugcucu..				3	1 c02
..............................auuguacuucaucGggugcucu..				1	1 c02
..............................auuguacuucaucaggugcucG..				2	1 c02
..............................auuguacuucaucaggugcuUu..				3	1 c02
..............................auuguacuucaucaggugcuGu..				1	1 c02
..............................auuguacuucaucaUgugcucu..				4	1 c02
..............................auuguacuuAaucaggugcucu..				6	1 c02
..............................auuguacuucaucaggugcuAu..				9	1 c02
..............................auuguacuucaGcaggugcucu..				2	1 c02
..............................aCuguacuucaucaggugcucu..				2	1 c02
..............................auuguacuucaucagUugcucu..				6	1 c02
..............................auuguacuucaucagAugcucu..				2	1 c02
..............................aGuguacuucaucaggugcucu..				1	1 c02
..............................auuguacuucauGaggugcucu..				1	1 c02
..............................auuguacuAcaucaggugcucu..				2	1 c02
..............................Guuguacuucaucaggugcucu..				2	1 c02
..............................auuguacuucaucaggugcAcu..				2	1 c02
..............................auuguacuucGucaggugcucu..				2	1 c02
..............................auuguacuucaucaCgugcucu..				3	1 c02
..............................auuguacuucaucaggugAucu..				7	1 c02
..............................auuguacuucaucCggugcucu..				4	1 c02
..............................auuguacuucauAaggugcucu..				9	1 c02
..............................auuguacuucaucaggugcucA..				6	1 c02
..............................auuguacuucaucUggugcucu..				1	1 c02
..............................auuguacuucaucaggugcuAug..				2	1 c02
..............................auuguacuGcaucaggugcucug..				1	1 c02
..............................auuguacuucaucaggugAucug..				2	1 c02
..............................auuguacuucaucGggugcucug..				1	1 c02
..............................auuguacuucauAaggugcucug..				1	1 c02
..............................auuguacuucaucaggugcGcug..				1	1 c02
..............................auuguacuucaucaggugcucuC..				6	1 c02
..............................auuguacuucauGaggugcucug..				1	1 c02
..............................auuguacuucaucaCgugcucug..				1	1 c02
..............................auuguacuucaucagCugcucug..				2	1 c02
..............................auugAacuucaucaggugcucug..				2	1 c02
..............................auuguacuucaucaggugcucuA..				7	1 c02
..............................auuguacuuAaucaggugcucug..				2	1 c02
..............................Cuuguacuucaucaggugcucug..				72	1 c02
..............................auugCacuucaucaggugcucug..				1	1 c02
..............................auCguacuucaucaggugcucug..				1	1 c02
..............................auuguacuucaucaggugcucAg..				1	1 c02
..............................auuguCcuucaucaggugcucug..				4	1 c02
..............................auuguacuucaucagguCcucug..				2	1 c02
..............................auuguacCucaucaggugcucug..				1	1 c02
..............................auuCuacuucaucaggugcucug..				2	1 c02

Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugaugguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

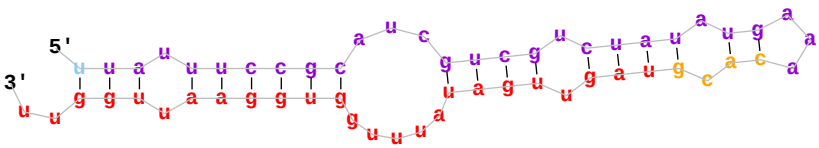
.....auuguacuucaucaggugcuGug.....	1	1	c02
.....auuUuacuucaucaggugcucug.....	1	1	c02
.....auuguacuucaucUggugcucug.....	1	1	c02
.....auuguacuucaucaggugUucug.....	1	1	c02
.....auuguacuucaucaggAgcucug.....	2	1	c02
.....aAuguacuucaucaggugcucug.....	2	1	c02
.....auuguacuucaucagguAcucug.....	1	1	c02
.....auuguacuucaucaggGgcucug.....	1	1	c02
.....auuguacuucaucaggugcucug.....	1255	0	c02
.....auuguacuucaucaggugcucuU.....	156	1	c02
.....auuguacuucauUaggugcucug.....	1	1	c02
.....auuguacuucaucagUugcucug.....	1	1	c02
.....auuguacuucaucaggugAucugg.....	2	1	c02
.....auugCacuucaucaggugcucugg.....	1	1	c02
.....auuguaUuucaucaggugcucugg.....	1	1	c02
.....aGuguacuucaucaggugcucugg.....	1	1	c02
.....auuguacuucaucaggugcuAugg.....	2	1	c02
.....auuguacuucaucaggAgcucugg.....	1	1	c02
.....auuguacuucauAaggugcucugg.....	2	1	c02
.....auuguacuucaucagAugcucugg.....	1	1	c02
.....auuguacuucCucaggugcucugg.....	1	1	c02
.....auuguacuucUucaggugcucugg.....	1	1	c02
.....auAguacuucaucaggugcucugg.....	1	1	c02
.....aCuguacuucaucaggugcucugg.....	1	1	c02
.....auuguacuucauUaggugcucugg.....	1	1	c02
.....auuguacuucaucaggugcucugg.....	1028	0	c02
.....auugAacuucaucaggugcucugg.....	2	1	c02
.....Cuuguacuucaucaggugcucugg.....	48	1	c02
.....auuguacCucaucaggugcucugg.....	1	1	c02
.....auuguacuucaucagguUucugg.....	1	1	c02
.....auuguCcuucaucaggugcucugg.....	1	1	c02
.....auuguacuuAaucaggugcucugg.....	2	1	c02
.....auuguacuucAcaggugcucugg.....	1	1	c02
.....auuguacuucaucGggugcucugg.....	2	1	c02
.....auuguacuucaucaggugcucugC.....	5	1	c02
.....auuguacuucaucaggugcucuCg.....	1	1	c02
.....auuguacuucaucaggugcucCgg.....	1	1	c02
.....auuguacuucaucaggugcucuUg.....	1	1	c02
.....auuguaAuucaucaggugcucugg.....	1	1	c02
.....auuguacAucaucaggugcucugg.....	1	1	c02
.....auuCuacuucaucaggugcucugg.....	1	1	c02
.....auuguacuucaucaggugcucugU.....	422	1	c02
.....auuguacuucaucaggugcucugA.....	58	1	c02
.....Cuuguacuucaucaggugcucuggu.....	1	1	c02
.....auuguacuucaucaggugcucuggC.....	8	1	c02
.....auuguacuucaucaggugcucugCu.....	1	1	c02
.....auuguacuucaucaggugcucuggu.....	37	0	c02
.....auuguacuucaucaggugcucuggA.....	31	1	c02
.....auuguacuucaucaggugcucugAu.....	3	1	c02
.....auuguacuucaucaggugcucugUu.....	42	1	c02
.....auuguacuucaucaggugcucugguA.....	4	1	c02
.....auuguacuucaucaggugcucugguU.....	7	1	c02
.....uuguacuucaucaggugcuc.....	4	0	c02
.....uuguacuucaucaggugcucu.....	12	0	c02
.....Auguacuucaucaggugcucu.....	2	1	c02
.....uuguacuucaucaggugcucuU.....	2	1	c02
.....uuguacuucaucaggugcucug.....	3	0	c02
.....uuguacuucaucaggugcucugU.....	4	1	c02
.....uuguacuucaucaggugcucugg.....	4	0	c02
.....uuguacuucaucaggugcucugC.....	1	1	c02
.....uguacuucaucaggugcuc.....	1	0	c02
.....uguacuucaucaggugcucu.....	1	0	c02
.....uguacuucaucaggugcucug.....	1	0	c02
.....uguacuucaucaggugcucugg.....	1	0	c02
.....guacuucaucaggugcuc.....	4	0	c02
.....guacuucaucaggugcucu.....	23	0	c02
.....guacuucaucaggugcucugg.....	4	0	c02
.....guacuucaucaggugcucugU.....	3	1	c02
.....guacuucaucaggugcucuggG.....	2	1	c02
.....uacuucaucaggugcuUu.....	1	1	c02

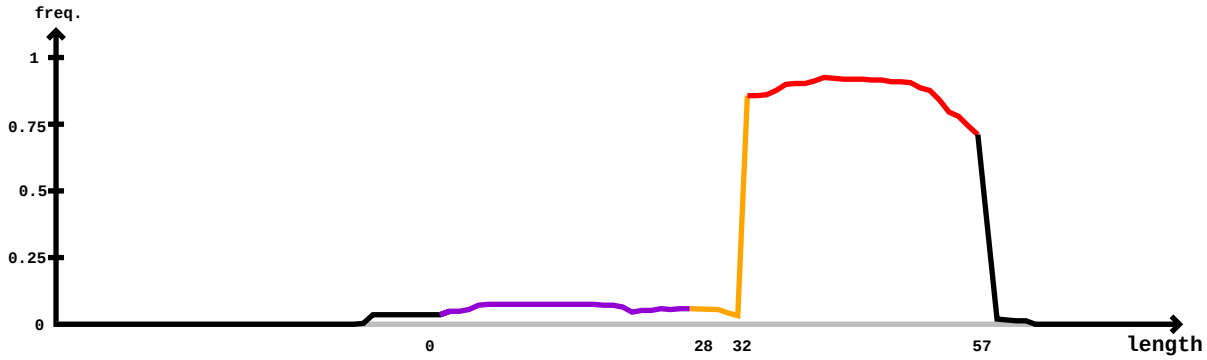
Mature Star

gcgccagcacaggagccccgccgccgcacgcccauuguacuucaucaggugcucuggugaugauggguuccaggcgcuuguuggaguacacuuaccgugucggcgguaguccgc

.....uacuucaucaggugcucu.....	7	0	c02
.....uacuucaucaggugcucug.....	2	0	c02
.....uacuucaucaggugcucuU.....	1	1	c02
.....uacuucaucaggugcucugU.....	3	1	c02
.....uacuucaucaggugcucugg.....	1	0	c02
.....acuucaucaggugcucuU.....	3	1	c02
.....acuucaucaggugcuAug.....	1	1	c02
.....Ccuucaucaggugcucug.....	3	1	c02
.....acuucaucaggugcucug.....	6	0	c02
.....acuucaucaggugcucugg.....	8	0	c02
.....acuucaucaggugcucugU.....	6	1	c02
.....Ccuucaucaggugcucugg.....	1	1	c02
.....acuucaucaggugcucuggguU.....	1	1	c02
.....cuucaucaggugcucugg.....	8	0	c02
.....cuucaucaggugcucugA.....	2	1	c02
.....cuucaucaggugcucugU.....	5	1	c02
.....aggcgcuuguuggaguac.....	2	0	c02
.....aggcgcuuguuggaguacac.....	2	0	c02
.....Cggcgcuuguuggaguacacu.....	2	1	c02
.....aggcgcuuguuggaguacacu.....	11	0	c02
.....aggcgcuuCuuggaguacacuu.....	1	1	c02
.....aggcgcuuguuggaguacacuu.....	63	0	c02
.....Cggcgcuuguuggaguacacuu.....	10	1	c02
.....aggcgcuuguuggaguacacuuU.....	5	1	c02
.....agUcgcuuguuggaguacacuua.....	1	1	c02
.....aggcgcuuguuggaguacacuua.....	26	0	c02
.....Cggcgcuuguuggaguacacuua.....	6	1	c02
.....aggcgcuuguuggaguacacuuac.....	3	0	c02
.....aggcgcuuguuggaguacacuuaA.....	5	1	c02
.....aggcgcuuguuggaguacacuuaU.....	11	1	c02
.....aggcgcuuguuggaguacacuuacA.....	1	1	c02
.....ggcgcuuguuggaguaca.....	2	0	c02
.....Ugcgcuuguuggaguacac.....	1	1	c02
.....ggcgcuuguuggaguacacu.....	2	0	c02
.....ggcgcuuguuggaguacacuu.....	29	0	c02
.....ggcgcuuguuggaguacacuuU.....	6	1	c02
.....ggcgcuuguuggaguacacuua.....	42	0	c02
.....ggcgcuuguuggaguacacAua.....	1	1	c02
.....ggcgcuuguuggaguacacuuaU.....	17	1	c02
.....ggcgcuuguuggaguacacuuaA.....	3	1	c02
.....ggcgcuuguuggaguacacuuac.....	3	0	c02

Provisional ID	:	group8_13293
Score total	:	131
Score for star read(s)	:	3.9
Score for read counts	:	136.8
Score for mfe	:	-6.7
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	280
Mature read count	:	275
Loop read count	:	0
Star read count	:	5





Star **Mature**

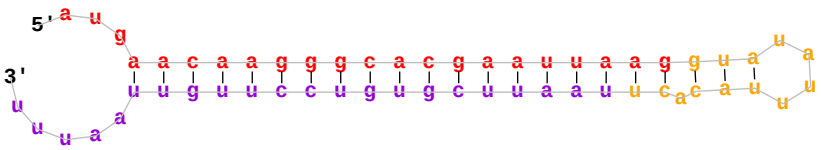
```
5'- uauaagcauuuuuaccuugacaccuccgacuuggcacauuauuuccgcaucgucgucuauaugaaacacguaguugauauuuggugggaauugguuuuguuuguuccuuaguggguu  -3'   obs
    uauaagcauuuuuaccuugacaccuccgacuuggcacauuauuuccgcaucgucgucuauaugaaacacguaguugauauuuggugggaauugguuuuguuuguuccuuaguggguu        exp
    ..........................((.(((.((.(((((((.(((((((...((((.((((.((...)).)))).))))).....)))))).)))).......))).)).)..))).)).  reads     mm      sample
    ..............................uuggcacauuauuuccgcaucgucguc.....................................................................  1         0       c04
    ..............................uggcacauuauuuccgcaucgucg........................................................................  1         0       c04
    ..............................uggcacauuauuuccgcaucgucguc.....................................................................  2         0       c04
    ..............................uggcacauuauuuccgcaucgucgucu....................................................................  5         0       c04
    ..............................uggcacauuauuuccgcaucgucgucua...................................................................  2         0       c04
    ....................................uauuuccgcaucgucgucu.....................................................................  1         0       c04
    ....................................uauuuccgcaucgucgucuauaugaa..............................................................  1         0       c04
    ....................................uauuuccgUaucgucgucuauaugaaa.............................................................  1         1       c04
    ....................................uauuuccgcaucgucgucuauaugaaa.............................................................  1         0       c04
    ....................................Auuccgcaucgucgucuauau...................................................................  1         1       c04
    ....................................uuuccgcaucgucgucuauaugaaaca.............................................................  1         0       c04
    ....................................uuccgcaucgucgucuauaugaaaca..............................................................  3         0       c04
    ....................................uuccgcaucgucgucuauaugaaacac.............................................................  2         0       c04
    ....................................uccgcaucgucgucuauaugaaacac..............................................................  1         0       c04
    ........................................................uauaugaaacacguaguugauauuug.....................................  1         0       c04
    ........................................................Gaugaaacacguaguugaua............................................  1         1       c04
    ........................................................uaugaaacacguaguugauGu...........................................  1         1       c04
    ........................................................uaugaaacacguaguugauauuuggu......................................  2         0       c04
    ........................................................ugaaacacguaguugauauuuggugg.....................................  1         0       c04
    ........................................................ugaaacacguaguugauauuuggugga....................................  1         0       c04
    ..........................................................aaacacguaguugauauuugguggaa....................................  1         0       c04
    ............................................................acacguaguugauauuugguggaauu...................................  1         0       c04
    ..............................................................acguaguugauauuugguggaauu....................................  1         0       c04
    ..................................................................uaguugauauuuggugUa.....................................  1         1       c04
    ..................................................................uaguugauauuuggugga.....................................  4         0       c04
    ..................................................................uaguugauauuugguggaa....................................  2         0       c04
    ..................................................................uaguugauauuugguggaau...................................  11        0       c04
    ..................................................................uaguugauauuugguggaauu..................................  12        0       c04
    ..................................................................uaguugauauuugguggaauug.................................  3         0       c04
    ..................................................................uaguugauauuugguggaauuU.................................  1         1       c04
    ..................................................................uaguugauauuugguggaauugg................................  10        0       c04
    ................................................................Gaguugauauuugguggaauugg..................................  1         1       c04
    ................................................................uaguugauauuugguggaauuggu.................................  8         0       c04
```

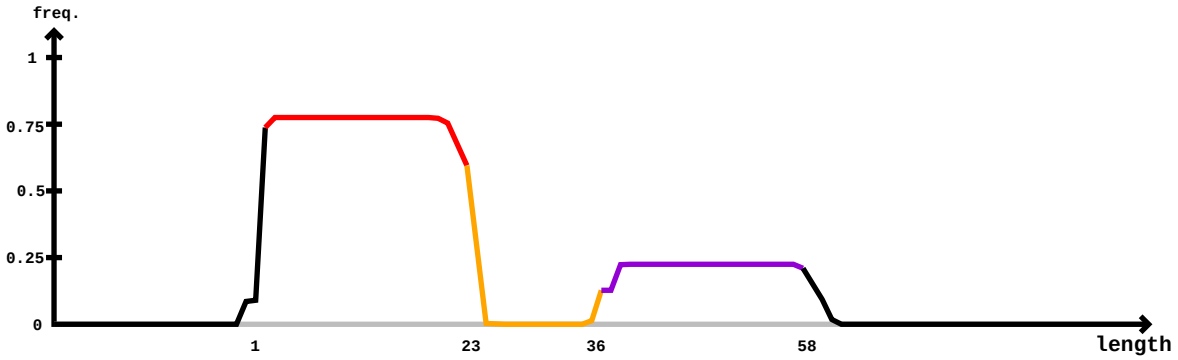
Star Mature

uauaagcauuuuuaccuugacaccuccgacuuggcacauuauuuccgcaucgucgucuauaugaaacacguaguugauauuuggugggaauugguuuuguuuguuccuuaugugggu

.....uaguugauauuuggugggaaCugguu.....	1	1	c04
.....uaguugauauuuggugggaauugguu.....	98	0	c04
.....Gaguugauauuuggugggaauugguu.....	5	1	c04
.....uaguugauauuuggugggaauugguA.....	1	1	c04
.....uaguugauauuuggugggaauugguuu.....	86	0	c04
.....uaguugauauuuggugggaauuggguuA.....	1	1	c04
.....uaguugauauuuggugggaauuggguuG.....	1	1	c04
.....Gaguugauauuuggugggaauugguuu.....	5	1	c04
.....Aaguugauauuuggugggaauugguuu.....	2	1	c04
.....Gaguugauauuuggugggaauugguuuu.....	1	1	c04
.....guugauauuuggugggaauugguuu.....	1	0	c04
.....uugauauuuggugggaauug.....	1	0	c04
.....uugauauuuggugggaauuggu.....	1	0	c04
.....Gugauauuuggugggaauugguu.....	1	1	c04
.....uugauauuuggugggaauugguuu.....	1	0	c04
.....uugauauuuggugggaauuggguuuguu.....	1	0	c04
.....ugauauuuggugggaauuggu.....	1	0	c04
.....ugauauuuggugggaauugguu.....	1	0	c04
.....Ggauauuuggugggaauugguuu.....	1	1	c04
.....ugauauuuggugggaauuggguuuug.....	1	0	c04
.....Ggauauuuggugggaauuggguuuguu.....	1	1	c04
.....ugauauuuggugggaauuggguuuguu.....	2	0	c04
.....gauauuuggugggaauugguu.....	1	0	c04
.....uauuuggugggaauugguu.....	2	0	c04
.....uauuuggugggaauuggguuu.....	1	0	c04
.....auuuggugggaauuggguuu.....	4	0	c04

Provisional ID	:	group8_13298
Score total	:	341
Score for star read(s)	:	3.9
Score for read counts	:	334.1
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	667
Mature read count	:	517
Loop read count	:	0
Star read count	:	150





Mature **Star**

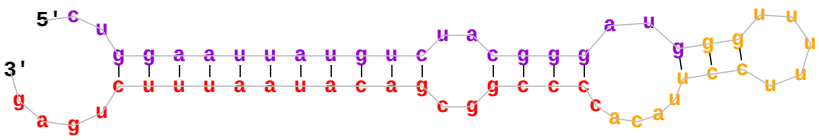
```
5'- uaucugugccaaacaacgggaugaacaagggcacgaauuaagguauauuuacacuuaauucgugucccuuguuaauuucgcuguuugucauuauauucaagcuggacacuuaa  -3'   obs
    uaucugugccaaacaacgggaugaacaagggcacgaauuaagguauauuuacacuuaauucgugucccuuguuaauuucgcuguuugucauuauauucaagcuggacacuuaa        exp
    .....(((.((((((.((((((.(((((((((((((((((((....))).)))))))))))))))))).)))))).))))))).(((.....................  reads      mm         sample
    ..................ggaugaacaagggcacgaau.....................................................................  1          0          c15
    ..................Ugaugaacaagggcacgaauu....................................................................  1          1          c15
    ..................ggaugaacaagggcacgaauu....................................................................  10         0          c15
    ..................ggaugaacaagggcacgaauuU...................................................................  2          1          c15
    ..................ggaugaacaagggcacgaauua...................................................................  38         0          c15
    ..................Ugaugaacaagggcacgaauua...................................................................  1          1          c15
    ..................ggaugaacGagggcacgaauua...................................................................  1          1          c15
    ..................ggaugaacaagggcacgaauuaU..................................................................  1          1          c15
    ..................ggaugaacaagggcacgaauuaa...................................................................  2          0          c15
    ..................gaugaacaagggcacgaauua....................................................................  2          0          c15
    ..................Aaugaacaagggcacgaauuaag..................................................................  1          1          c15
    ..................augaacaagggcacgaau.......................................................................  1          0          c15
    ..................augaacaagggcacgaauu......................................................................  1          0          c15
    ..................augaacaagggcacgaauua.....................................................................  9          0          c15
    ..................augaacaagggcacgaauuaa....................................................................  49         0          c15
    ..................augGacaagggcacgaauuaag...................................................................  2          1          c15
    ..................augaGcaagggcacgaauuaag...................................................................  2          1          c15
    ..................augaacaagggUacgaauuaag...................................................................  1          1          c15
    ..................augaacaGgggcacgaauuaag...................................................................  3          1          c15
    ..................augaacaagggcacgaauuaaC...................................................................  4          1          c15
    ..................augaacaagggcacgaauuaag...................................................................  352        0          c15
    ..................Gugaacaagggcacgaauuaag...................................................................  1          1          c15
    ..................augaacaagggcaUgaauuaag...................................................................  1          1          c15
    ..................augaacaagggcacgaauuaagg..................................................................  5          0          c15
    ..................augaacaagggcacgaauuaagA..................................................................  1          1          c15
    ..................ugaacaagggcacgaauuaa.....................................................................  1          0          c15
    ..................ugaacaagggcacgaauuaag....................................................................  5          0          c15
    ..................ugaacaagggcacgaauuaagg...................................................................  17         0          c15
    ..................ugaacaagggcacgaauuaaggA..................................................................  1          1          c15
    ..................ugaacaagggcacgaauuaaggua.................................................................  1          0          c15
    ..........................................................uuaauucgugucccuuguuaauu.....................  5          0          c15
    ..........................................................uuaauucgugucccuuguuaauuu....................  3          0          c15
    ..........................................................uuaauucgugucccuuguuaauuuU...................  1          1          c15
```

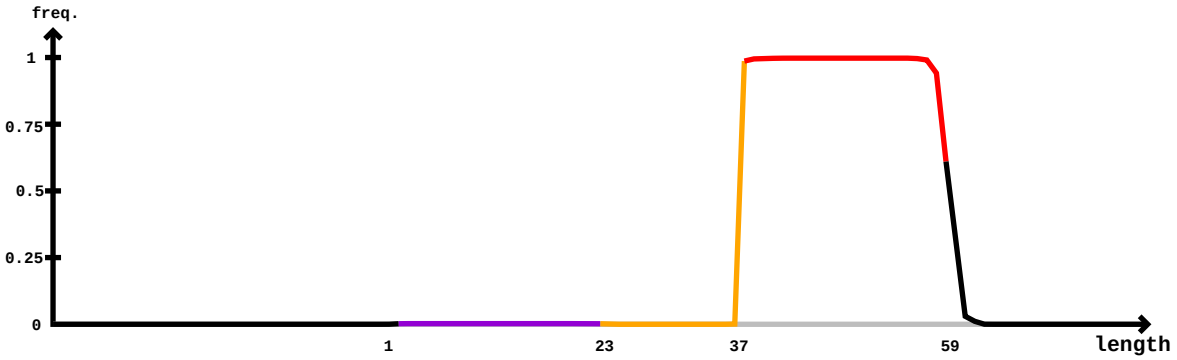
Mature Star

uaucugugccaaacaacgggaugaacaagggcacgaauuaaggguauauuuacacuuaauucgugucccuuguuaauuucgcuguuugucauuauauucaagcuggacacuuaa

..........uaauucgugucccuuguuaauu..........	5	0	c15
..........uaauucgugucccuuguuaauuu..........	63	0	c15
..........uaauucgugucccuuguuaauuC..........	1	1	c15
..........uaauucgugucccuuguuaauuuU..........	7	1	c15
..........auucgugucccuuguuaauuuc..........	3	0	c15
..........auucgugucccuuguuaauuucg..........	45	0	c15
..........auucgugucccuuguuaauuucU..........	1	1	c15
..........auucgugucccuugCuaauuucg..........	1	1	c15
..........auucgugucccuuguuaauuucA..........	2	1	c15
..........auucgugucccuuguuaauuucgc..........	1	0	c15
..........auucgugucccuuguuaauuucgU..........	10	1	c15
..........auucgugucccuuguuaauuucgA..........	1	1	c15
..........uucgugucccuuguuaauuucg..........	1	0	c15

Provisional ID	:	group8_13498
Score total	:	61929.2
Score for star read(s)	:	3.9
Score for read counts	:	61922.5
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	121470
Mature read count	:	121179
Loop read count	:	0
Star read count	:	291





Star **Mature**

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Star Mature

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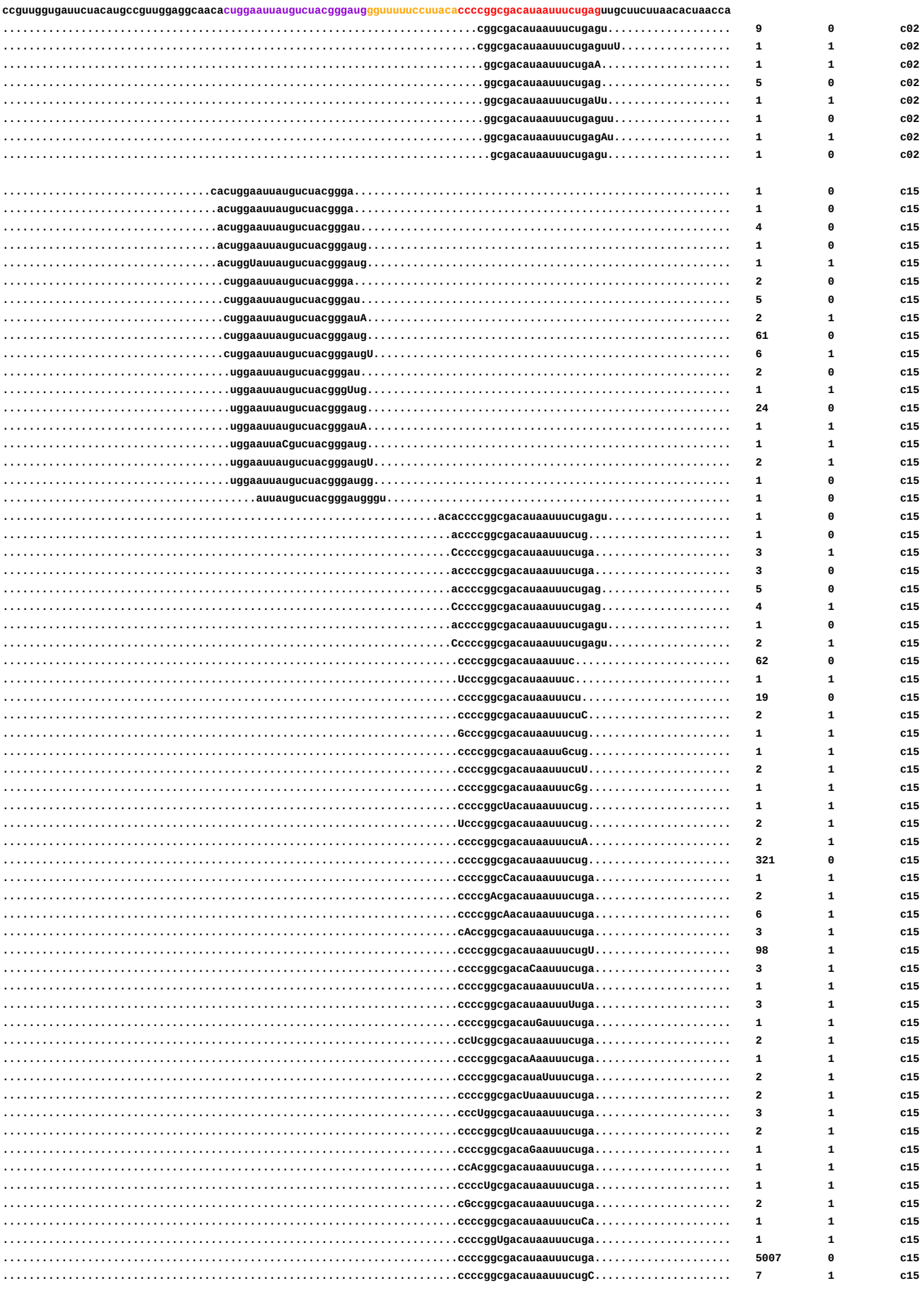
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.....ccccggcgacauaauuucugaguC.....	4	1	c16
.....ccccggcCacauaauuucugaguu.....	1	1	c16
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Star Mature

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.....ccGcggcgacauaauuucugaguu.....	1	1	c16
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.....cccggcgCcauaauuucuga.....	1	1	c16
.....cccggcgacauaaAuucuga.....	1	1	c16
.....ccUggcgacauaauuucuga.....	1	1	c16
.....cccggcgacauaauuucugag.....	112	0	c16
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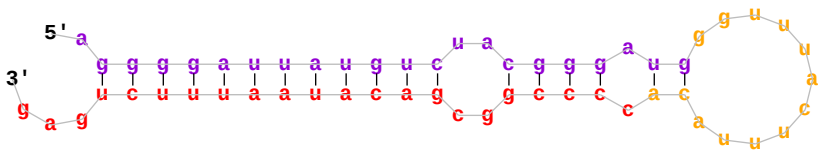
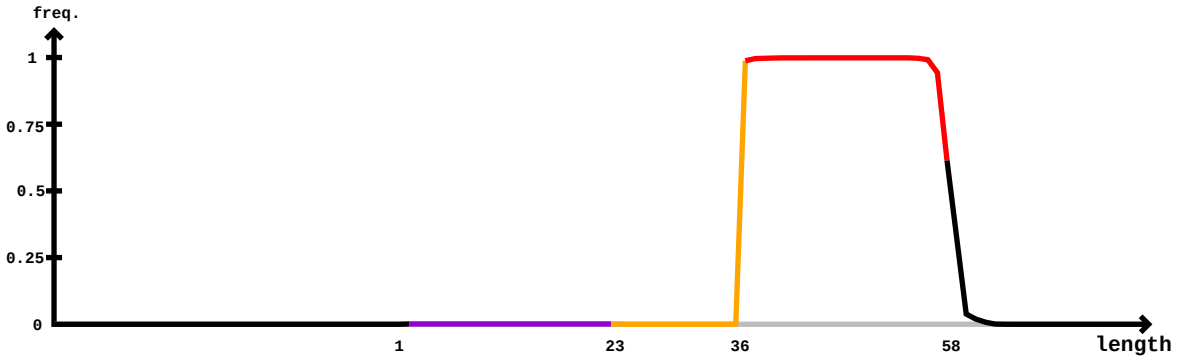
.....ggcgacauaauuucugag.....	18	0	c16
.....ggcgCcauaauuucugag.....	1	1	c16
.....ggcgacauaauuucugagA.....	2	1	c16
.....ggcgacauaauuucugaguu.....	2	0	c16
.....gcgacauaauuucugagA.....	3	1	c16
.....gcgacauaauuucugagAu.....	1	1	c16

Provisional ID	:	group8_13500
Score total	:	62376.5
Score for star read(s)	:	3.9
Score for read counts	:	62370.1
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	122348
Mature read count	:	122200
Loop read count	:	0
Star read count	:	148





Star **Mature**

```
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    cuaacaucacuacguuucgaauaugagauaugacuaggggauuaugucuacgggaugggguuuacuuuacaccccggcgacauaauuucugaguuauuucucaauacuaaaca        exp
    .............((((.(.((.(((((.((((((.(((((((((((((..((((.((...........)).)))).))))))))))))).((((((.).)))))))).)))))).  reads      mm        sample
    ..............uucgaauaugagauaugacu.....................................................................................  1          0         c15
    ....................uaugagauGugacuagggga.....................................................................................  1          1         c15
    ................................uaggggauuaugucuacgggauA.....................................................................................  1          1         c15
    ................................aggggauuaugucuacggga.....................................................................................  3          0         c15
    ................................aggggauuaugucuacgggau.....................................................................................  2          0         c15
    ................................aggggauuaugucuacgggaug.....................................................................................  82         0         c15
    ................................aggggauuaugucuacgCgaug.....................................................................................  1          1         c15
    ................................aggggauuaugucuacgggauA.....................................................................................  5          1         c15
    ................................aggggauuaugucuacgggaugU.....................................................................................  5          1         c15
    ................................ggggauuaugucuacgggaug.....................................................................................  1          0         c15
    ....................................auuaugucuacgggaugggu.....................................................................................  1          0         c15
    ..........................................................................acaccccggcgacauaauuucugagu.....................  1          0         c15
    ..........................................................................accccggcgacauaauuucug.....................  1          0         c15
    ..........................................................................accccggcgacauaauuucuga.....................  3          0         c15
    ..........................................................................Cccccggcgacauaauuucuga.....................  3          1         c15
    ..........................................................................Cccccggcgacauaauuucugag.....................  4          1         c15
    ..........................................................................accccggcgacauaauuucugag.....................  5          0         c15
    ..........................................................................accccggcgacauaauuucugagu.....................  1          0         c15
    ..........................................................................Cccccggcgacauaauuucugagu.....................  2          1         c15
    ..........................................................................Ucccggcgacauaauuuc.....................  1          1         c15
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    ..........................................................................Ucccggcgacauaauuucug.....................  2          1         c15
    ..........................................................................ccccggcgacauaauuucuC.....................  2          1         c15
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    ..........................................................................ccccggcgacauaauuucug.....................  321        0         c15
    ..........................................................................ccccggcgacauaauuucuU.....................  2          1         c15
    ..........................................................................ccccggcUacauaauuucug.....................  1          1         c15
    ..........................................................................Acccggcgacauaauuucuga.....................  2          1         c15
    ..........................................................................ccccggcgUcauaauuucuga.....................  2          1         c15
```

Star Mature

cuaacaucacuacguuucgaauaugagauaugacuaggggauuaugucuacgggaugggguuuacuuuacaccccggcgacauaauuucugaguuauuucucaauacuaaaca

.....ccccggcgacauaauuucugC.....	7	1	c15
.....ccccggcgacaGaauuucuga.....	1	1	c15
.....ccccUgcgacauaauuucuga.....	1	1	c15
.....ccccggcgacGuaauuucuga.....	2	1	c15
.....ccUcggcgacauaauuucuga.....	2	1	c15
.....ccccggcCacauaauuucuga.....	1	1	c15
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.....ccccggcgacauaauuucuUa.....	1	1	c15
.....cGccggcgacauaauuucuga.....	2	1	c15
.....ccccggcgacauaauuucugU.....	98	1	c15
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.....ccccggcgacaAaauuucuga.....	1	1	c15
.....ccccggcgacauaUuuucuga.....	2	1	c15
.....ccccggcgacauaauuucuCa.....	1	1	c15
.....ccccggcgacaCaauuucuga.....	3	1	c15
.....ccccggcgacauaauuucugG.....	1	1	c15
.....ccccggcgacauaauuucuAa.....	26	1	c15
.....ccccggcgGcauaauuucuga.....	1	1	c15
.....ccccggcUacauaauuucuga.....	3	1	c15
.....cccAggcgacauaauuucuga.....	1	1	c15
.....ccccggcgacauaauGucuga.....	1	1	c15
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.....ccccggcgacauGauuucuga.....	1	1	c15
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Star Mature

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Star Mature

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.....cccggcgacauaauuucugGg.....	1	1	c04
.....cccUgcgacauaauuucugag.....	1	1	c04
.....ccggcgacauaauuucuga.....	3	0	c04
.....ccggcgacauaauuucugag.....	1	0	c04
.....cggcgacauaauuucuga.....	1	0	c04
.....cggcgacauaauuucugag.....	1	0	c04
.....ggcgacauaauuucugag.....	1	0	c04

.....aggggauuaugucuacgggau.....	2	0	c09
.....aggggauuaugucuacgggaug.....	9	0	c09
.....auuaugucuacgggaugU.....	1	1	c09
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.....Cccccggcgacauaauuucuga.....	4	1	c09
.....accccggcgacauaauuucugag.....	3	0	c09
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.....Cccccggcgacauaauuucugagu.....	1	1	c09
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.....ccccggcgacauaauuuG.....	1	1	c09
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.....ccccggcgCcauaauuucu.....	2	1	c09
.....ccccggcgacauaGuuucu.....	1	1	c09
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.....cccAggcgacauaauuucug.....	1	1	c09
.....ccccggcgacaCaauuucug.....	1	1	c09
.....ccccggcgCcauaauuucug.....	3	1	c09
.....ccccggcgacauaauuAcug.....	1	1	c09
.....ccccggcgacauaaAuucug.....	1	1	c09
.....ccAcggcgacauaauuucug.....	1	1	c09
.....ccccggcgacauaauuucuA.....	3	1	c09
.....ccccggcgacauaauuucug.....	516	0	c09
.....ccccggcgacauaauuucuU.....	1	1	c09
.....ccccggcgacauaauuucuC.....	2	1	c09
.....Ucccggcgacauaauuucug.....	1	1	c09

Star Mature

cuaacaucacuacguuucgaauaugagauaugacuaggggauuaugucuacgggaugggguuuacuuuacaccccggcgacauaauuucugaguuauuucucaauacuaaaca

.....ccccggcgacauaauuucugG.....	4	1	c09
.....ccccggcgacauaCuuucuga.....	1	1	c09
.....ccccggUgacauaauuucuga.....	5	1	c09
.....ccccggcgacauaauuucuCa.....	6	1	c09
.....ccccggcgacauaauuucCga.....	3	1	c09
.....cAccggcgacauaauuucuga.....	10	1	c09
.....ccccggcgacaGaauuucuga.....	3	1	c09
.....ccccggcgacGuaauuucuga.....	3	1	c09
.....ccccggcgacauaauuucugC.....	14	1	c09
.....ccccggcgacauaauuucGga.....	1	1	c09
.....ccccggcgacauaauuucugU.....	34	1	c09
.....ccccggcUacauaauuucuga.....	2	1	c09
.....Acccggcgacauaauuucuga.....	2	1	c09
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.....ccccgAcgacauaauuucuga.....	2	1	c09
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.....cccAggcgacauaauuucuga.....	14	1	c09
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.....ccccggcgacauaauuuAuga.....	6	1	c09
.....ccccggcgacauaauuuUuga.....	2	1	c09
.....ccccggcgacauaauuucAga.....	5	1	c09
.....ccccgUcgacauaauuucuga.....	6	1	c09
.....ccAcggcgacauaauuucuga.....	5	1	c09
.....ccccggcgacauaauuucuUa.....	2	1	c09
.....ccccggcgacauaUuuucuga.....	1	1	c09
.....ccccggcgacauaauuucuAa.....	3	1	c09
.....cccUggcgacauaauuucuga.....	6	1	c09
.....ccccggAgacauaauuucuga.....	7	1	c09
.....ccUcggcgacauaauuucuga.....	5	1	c09
.....Ucccggcgacauaauuucuga.....	5	1	c09
.....ccccggcgacauaGuuucuga.....	1	1	c09
.....ccccggcgacCuaauuucuga.....	1	1	c09
.....ccccggGgacauaauuucugag.....	1	1	c09
.....ccccggcgacauaauuucugGg.....	2	1	c09
.....ccUcggcgacauaauuucugag.....	1	1	c09
.....ccccggcgacauaauuucugCg.....	8	1	c09
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.....ccccggcgacauaaAuucugag.....	1	1	c09
.....ccccggcgacUuaauuucugag.....	4	1	c09
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.....ccccggcgacauaauuuGugag.....	1	1	c09
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.....ccccggcgacauaaCuucugag.....	1	1	c09
.....ccccgUcgacauaauuucugag.....	4	1	c09
.....ccccggcgacauaauuucugUg.....	3	1	c09

Star Mature

cuaacaucacuacguuucgaauaugagauaugacuaggggauuaugucuacgggaugggguuuacuuuacaccccggcgacauaauuucugaguuauuucucaauacuaaaca

.....ccccggcgacaAaauuucugag.....	3	1	c09
.....ccccggcgacauaauuucugag.....	7893	0	c09
.....ccccAgcgacauaauuucugag.....	1	1	c09
.....ccccggcgUcauaauuucugag.....	1	1	c09
.....ccccggcgaGauaauuucugag.....	5	1	c09
.....ccccggAgacauaauuucugag.....	11	1	c09
.....ccccggcgacauaauuucAgag.....	5	1	c09
.....ccccggUgacauaauuucugag.....	11	1	c09
.....ccccggcgacauaauuucugaC.....	15	1	c09
.....ccccUgcgacauaauuucugag.....	6	1	c09
.....Ucccggcgacauaauuucugag.....	7	1	c09
.....ccAcggcgacauaauuucugag.....	4	1	c09
.....cccUggcgacauaauuucugag.....	5	1	c09
.....ccccggcAacauaauuucugag.....	3	1	c09
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.....ccccggcgacauaauuCcugag.....	5	1	c09
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.....ccccggcUacauaauuucugag.....	5	1	c09
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.....ccccggcgacauaauuucCgag.....	6	1	c09
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.....ccccggcgacauaaGuucugagu.....	1	1	c09
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.....ccccggcgacauaauuucugagA.....	335	1	c09
.....ccccggAgacauaauuucugagu.....	1	1	c09
.....ccccggcgacauaauuucugagC.....	45	1	c09
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.....Ucccggcgacauaauuucugagu.....	2	1	c09
.....ccccggcgacauaauuucCgagu.....	1	1	c09

Star Mature

cuaacaucacuacguuucgaauaugagauaugacuaggggauuaugucuacgggaugggguuuacuuuacaccccggcgacauaauuucugaguuauuucucaauacuaaaca

.....ccccggcgacauaauuucugagu.....	1734	0	c09
.....ccccggcgacauaauuucugCgu.....	1	1	c09
.....ccccggcgacauaaCuucugagu.....	1	1	c09
.....ccccggGgacauaauuucugagu.....	2	1	c09
.....ccccggcgacauaauuucuUagu.....	1	1	c09
.....ccccggcgacauaCuuucugagu.....	1	1	c09
.....ccccggcgacauaauuucugaAu.....	29	1	c09
.....ccccggcgacauaauuAcugaguu.....	1	1	c09
.....ccccggcgaGauaauuucugaguu.....	1	1	c09
.....ccccggcgacauaauuucugagGu.....	7	1	c09
.....ccAcggcgacauaauuucugaguu.....	1	1	c09
.....ccccggcgCcauaauuucugaguu.....	4	1	c09
.....ccccgUcgacauaauuucugaguu.....	1	1	c09
.....ccccggcgacauaauuucugaguu.....	297	0	c09
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.....ccccggcgacauaauuucugagAu.....	56	1	c09
.....ccccggAgacauaauuucugaguu.....	1	1	c09
.....ccccggcgacauaauuucugaUuu.....	33	1	c09
.....ccccggcgacauaauuucugaguC.....	16	1	c09
.....ccccggcgacauaauuucugaguA.....	25	1	c09
.....cccUggcgacauaauuucugaguu.....	1	1	c09
.....ccccggcgacauaauuucugaguG.....	3	1	c09
.....ccccggcgacauaauuucugagCu.....	15	1	c09
.....Gccccggcgacauaauuucugaguu.....	1	1	c09
.....ccccggcgacauaauuucugaguCa.....	1	1	c09
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.....ccccggcgacauaauuucugaguuC.....	25	1	c09
.....ccccggcgacauaauuucugaguuU.....	277	1	c09
.....ccccggcgacauaauuucugaguua.....	9	0	c09
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.....ccccggcgacauaauuucugaguuUu.....	182	1	c09
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.....cccggUgacauaauuucug.....	1	1	c09
.....cccggcgacauaauuucugC.....	1	1	c09
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.....cccggcgacauaauuAcugag.....	1	1	c09
.....Uccggcgacauaauuucugag.....	1	1	c09
.....cccggcgacauaauuucugaA.....	2	1	c09
.....cccggcgCcauaauuucugag.....	1	1	c09
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.....cccggcgacauaauuucugagA.....	4	1	c09
.....cccggcgacauaauuucugagu.....	11	0	c09
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.....ccggcgacauaauuucugaA.....	2	1	c09
.....ccggcgacauaauuucugag.....	16	0	c09
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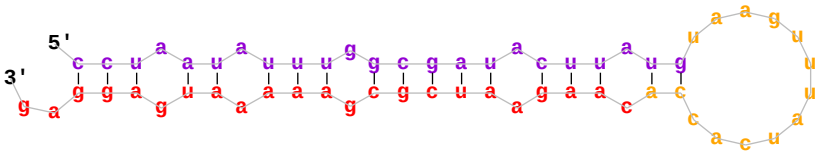
.....ccggcgacauaauuucugagA.....	1	1	c09
.....ccggcgacauaauuucugaUuu.....	2	1	c09
.....ccggcgacauaauuucugaguu.....	2	0	c09
.....ccggcgacauaauuucugaguuU.....	2	1	c09
.....ccggcgacauaauuucugaguuUu.....	1	1	c09
.....cggcgacauaauuucuga.....	13	0	c09
.....cggcgacauaauuucugag.....	15	0	c09
.....cggcgaUauaauuucugag.....	1	1	c09
.....cUgcgacauaauuucugag.....	1	1	c09
.....cggcgacauaauuucugagu.....	6	0	c09

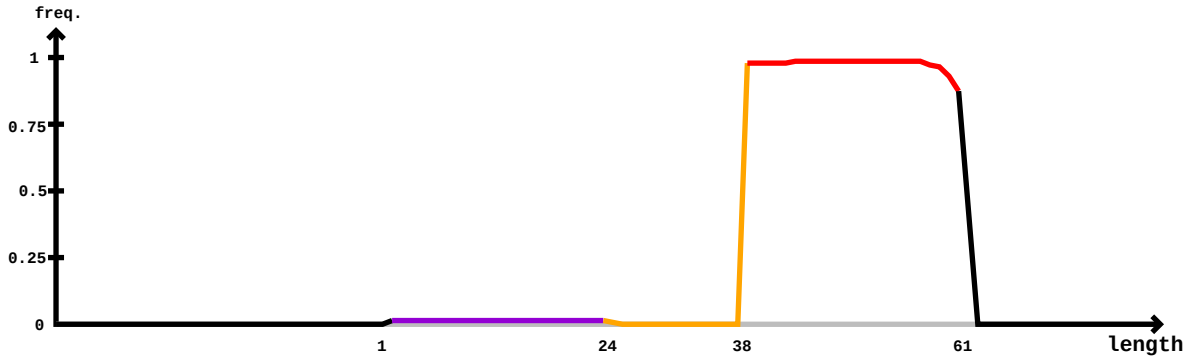
Star Mature

cuaacaucacuacguuucgaauaugagauaugacuaggggauuaugucuacgggaugggguuuacuuuacacccggcgacauaauuucugaguuauuucucaauacuaaaca

.....cggcgacauaauuucugaguC.....	1	1	c09
.....cggcgacauaauuucugaguuU.....	1	1	c09
.....cggcgacauaauuucugaguuUu.....	1	1	c09
.....ggcgacauaauuucugag.....	19	0	c09
.....ggcgacUuaauuucugag.....	1	1	c09
.....ggcgacauaauCucugag.....	1	1	c09
.....ggcgacauaauuucugaA.....	3	1	c09
.....ggcgacauaauuucugagu.....	2	0	c09
.....ggcgacauaauuucugagA.....	1	1	c09
.....gcgacauaauuucugagu.....	2	0	c09
.....gcgacauaauuucugagA.....	2	1	c09
.....gacauaauuucugaguuU.....	1	1	c09

Provisional ID	:	group8_13562
Score total	:	64.1
Score for star read(s)	:	3.9
Score for read counts	:	66.9
Score for mfe	:	-3.8
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	143
Mature read count	:	141
Loop read count	:	0
Star read count	:	2





Star **Mature**

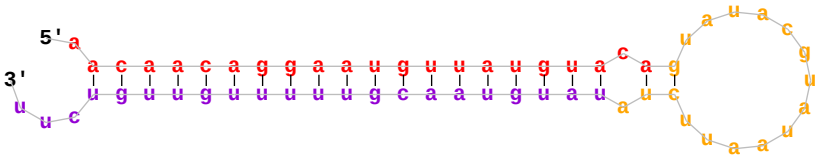
```
5'- gaccauugucucgaaaaguaaacaauagugccuccuaauauuuggcgauacuuaauguaaguuuaucaccacaagaaucgcgaaaaaugaggagauaaauauugacaacacugca  -3'   obs
    gaccauugucucgaaaaguaaacaauagugccuccuaauauuuggcgauacuuaauguaaguuuaucaccacaagaaucgcgaaaaaugaggagauaaauauugacaacacugca        exp
    (((....))).....(((((....(((((.((.(((.(((((.(((.((.............)).))).)))))).))).)).)))))....)))))...........   reads    mm    sample
    ..........................................................caagaaucgcgaaaaaugagg.....................   1        0     c15
    ..........................................................caagaaucgcgaaaaaugagga....................   1        0     c15
    ..........................................................caagaaucgcgaaaaaugaggag...................   29       0     c15

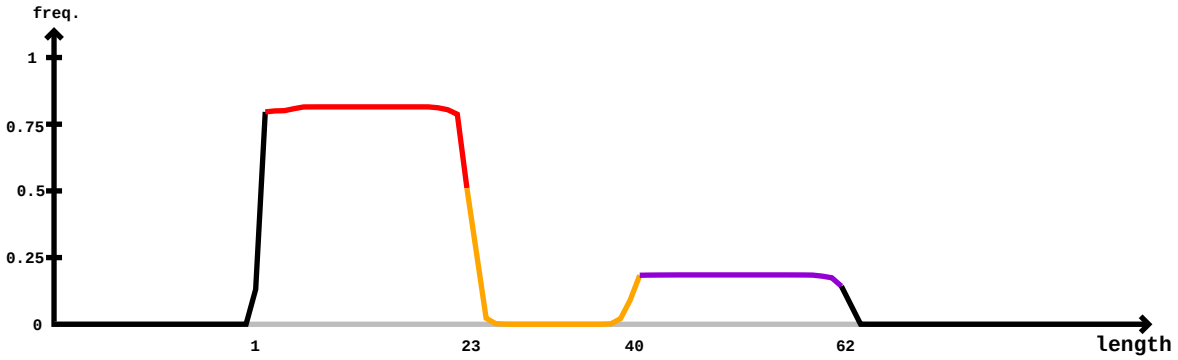
    ..............................ccuaauauuuggcgauacuuaug.....................................................   2        0     c02
    ..........................................................caagaaucgcgaaaaaugag......................   1        0     c02
    ..........................................................caagaaucgcgaaaaaugagg.....................   3        0     c02
    ..........................................................caagaaucgcgaaaaaugagga....................   6        0     c02
    ..........................................................caagaaucgcgaaaaaugaggag...................   75       0     c02
    ..........................................................caagCaucgcgaaaaaugaggag...................   1        1     c02
    ..........................................................caagaaucgcgaaaaaugCggag...................   1        1     c02
    ..........................................................caagaaucgcgaaUaaugaggag...................   1        1     c02
    ..........................................................caagaauAgcgaaaaaugaggag...................   1        1     c02
    ..........................................................caagaaucgcgaaaaaugaggaga..................   1        0     c02
    ..........................................................caagaaucgcgaaaaaugaggagC..................   1        1     c02

    ..........................................................caagaaucgcgaaaaaugagg.....................   1        0     c09
    ..........................................................caagaaucgcgaaaaaugagga....................   1        0     c09
    ..........................................................caagaaucgcgaaaaaGgaggag...................   1        1     c09
    ..........................................................caagaaucgcgaaaaaugaggag...................   11       0     c09
    ..........................................................caagaaucgAgaaaaaugaggag...................   1        1     c09
    ..........................................................caagaaucgcgaaaaaugaggaga..................   1        0     c09
    ..................................................................aucgcgaaaaaugaggaga..................   1        0     c09

    ..........................................................caagaaucgcgaaaaauga.......................   2        0     c16
```

Provisional ID	:	group8_13573
Score total	:	28365.2
Score for star read(s)	:	3.9
Score for read counts	:	28357.1
Score for mfe	:	-0.3
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	55633
Mature read count	:	45410
Loop read count	:	0
Star read count	:	10223





Mature **Star**

```
5'- aagcuuuaggguaauguauaaacaacaggaauguuauguacaguauacguauaaauucuauauguaacguuuuuguugucuuaaauugcucuccucacagcgaaacaagaaag -3'    obs
    aagcuuuaggguaauguauaaacaacaggaauguuauguacaguauacguauaaauucuauauguaacguuuuuguugucuuaaauugcucuccucacagcgaaacaagaaag      exp
    ..(((..(((((((((.....(((((((((((((((((((.((............)).)))))))))))))))))).....)))))))).....)))............  reads     mm        sample
    ....................aacaacaggaauguuauguaca.....................................................................  2         0         c04
    ....................aacaacaggaauguuauguacag....................................................................  1         0         c04

    ..................auUaacaacaggaauguuauguaca.....................................................................  1         1         c16
    ..................aGaaacaacaggaauguuauguaca.....................................................................  1         1         c16
    ..................Caaacaacaggaauguuauguaca.....................................................................  1         1         c16
    ....................aaacaacaggaauguuau...........................................................................  7         0         c16
    ....................aaaAaacaggaauguuaug..........................................................................  1         1         c16
    ....................aaacaacaggaauguuaug..........................................................................  36        0         c16
    ....................Caacaacaggaauguuaug..........................................................................  1         1         c16
    ....................aaaGaacaggaauguuaugu.........................................................................  1         1         c16
    ....................Caacaacaggaauguuaugu.........................................................................  3         1         c16
    ....................aaacaacaggaauguuaugu.........................................................................  46        0         c16
    ....................aaacaacaggaauguAaugua........................................................................  1         1         c16
    ....................Caacaacaggaauguuaugua........................................................................  5         1         c16
    ....................aaacaacaggaaAguuaugua........................................................................  1         1         c16
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.....acaacaggaauguuaugua.....	2	0	c16
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Mature Star

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.....acaacaggaauguuauguacagA.....	1	1	c16
.....Uaacaggaauguuauguac.....	1	1	c16
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.....cUacaggaauguuauguac.....	1	1	c16
.....Aaacaggaauguuauguaca.....	1	1	c16
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.....caacaggaauguuauguacag.....	10	0	c16
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.....aacaggaauguuaGguaca.....	1	1	c16
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.....Cacaggaauguuauguaca.....	6	1	c16
.....aacaggaaCguuauguaca.....	1	1	c16
.....aacaggaauguuauguaAa.....	1	1	c16
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.....aacaggaauguuauguacagua.....	55	0	c16
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.....aacaggaauguuauCuacagua.....	1	1	c16
.....aacaggaauguuauguacaguUu.....	2	1	c16
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.....aggaauguuauguacagA.....	1	1	c16
.....aggaauguuauguacagu.....	4	0	c16
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Mature Star

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.....cAauauguaacguuuuuguug.....	1	1	c16
.....cuauauguaacguuuuuguGgu.....	1	1	c16
.....cAauauguaacguuuuuguugu.....	1	1	c16
.....cuauauguaacguuuuuguugu.....	65	0	c16
.....cuauauguaacguuuuuguuguU.....	2	1	c16
.....cuauauguaacguuuuuguuguUu.....	1	1	c16
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.....uauauguaacguuuGuguugu.....	1	1	c16
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.....uauauguaacguuuuuguuguc.....	47	0	c16
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.....Gauauguaacguuuuuguugucu.....	42	1	c16
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.....uauauguaCcguuuuuguugucuu.....	2	1	c16
.....uauauguaacguuuuugAugucuu.....	1	1	c16
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.....uauauguaacguuuuuguugucuuU.....	222	1	c16
.....Gauauguaacguuuuuguugucuua.....	1	1	c16
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Mature Star

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.....auauguaUcguuuuuguugucu.....	1	1	c16
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.....auauguaacguuuuuguuCucu.....	2	1	c16
.....auauguaacguuuuuguugucA.....	1	1	c16
.....auauguaacguuuAuguugucu.....	2	1	c16
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.....auauCuaacguuuuuguugucu.....	2	1	c16
.....auauguaacguGuuuguugucu.....	1	1	c16
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.....Cuauguaacguuuuuguugucu.....	29	1	c16
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.....auaAguaacguuuuuguugucuu.....	1	1	c16
.....auauguCacguuuuuguugucuu.....	1	1	c16
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.....auauguaacgGuuuuguugucuu.....	4	1	c16
.....auaGguaacguuuuuguugucuu.....	1	1	c16
.....auauguaacguuuuuguugucAu.....	1	1	c16
.....auauguaacguuuuuguugucuC.....	2	1	c16
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.....auauguaacguuuuuguugucGu.....	2	1	c16
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.....auauguGacguuuuuguugucuu.....	1	1	c16
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.....auauguaacguuuuuguCucuu.....	5	1	c16
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.....auUuguaacguuuuuguugucuu.....	1	1	c16
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Mature Star

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.....uauguaaGguuuuuguugucuu.....	1	1	c16
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.....auguaacAuuuuuguugucuu.....	1	1	c16
.....auguaacguuuuuguugucuuU.....	5	1	c16
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Mature **Star**

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.....................................................uUuaacguuuuuguugucuu....  1  1  c16
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.....................................................guaacguuuuuguugucuu....  5  0  c16
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Score total	:	4.4
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	197051
Mature read count	:	196912
Loop read count	:	0
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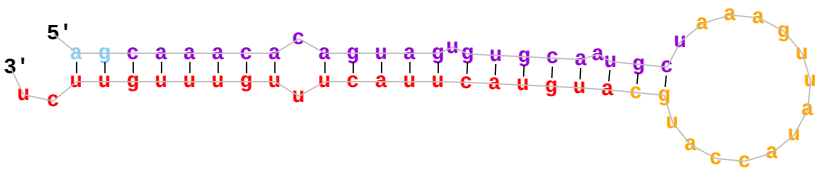

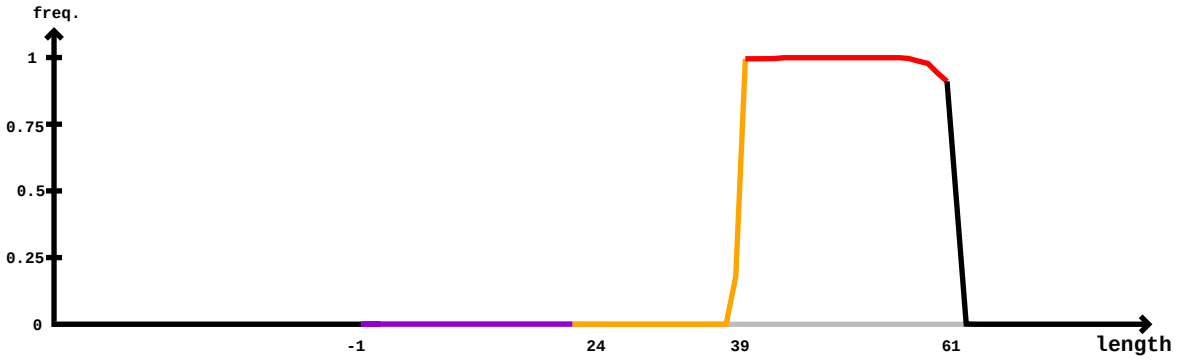

Star **Mature**

```
5'- gaagaagcgaagacaagaagaguguuucauagcaaacacaguagugugcaaugcuaaaguuauaccaugcauguacuuacuuuguuuguucugaaauauucuaacuagcgac  -3'   obs
    gaagaagcgaagacaagaagaguguuucauagcaaacacaguagugugcaaugcuaaaguuauaccaugcauguacuuacuuuguuuguucugaaauauucuaacuagcgac        exp
    ..................((((((((((((.(((((((((.(((((.(((((.(((.............)))))))))))))).)))))))).))))))))))).....  reads   mm   sample
    ..........................................................cauguacuuacuuuguuu.....................  2       0    c02
    ..........................................................cauguacuuacuuuguuuguU...................  1       1    c02
    ..........................................................cauguCcuuacuuuguuuguuc..................  1       1    c02
    ..........................................................cauguacuuacuuuguuuguucu.................  13      0    c02
    ..........................................................cauguacuuacuuuguuuguucC.................  1       1    c02
    ..........................................................auguacuuacuuuguuuug.....................  3       0    c02
    ..........................................................auguacuuacuuuguuugu.....................  2       0    c02
    ..........................................................auguacuuacuuuguuuUu.....................  1       1    c02
    ..........................................................auguacuuacuuuguuuguu....................  5       0    c02
    ..........................................................auguacuuacuuuguuuguuc...................  5       0    c02
    ..........................................................auguacuuaAuuuguuuguucu..................  2       1    c02
    ..........................................................auguacuuacuuuguuuguuAu..................  1       1    c02
    ..........................................................auguacuuacuuuguuAguucu..................  1       1    c02
    ..........................................................augAacuuacuuuguuuguucu..................  2       1    c02
    ..........................................................auguacuuacuuuguuuCuucu..................  1       1    c02
    ..........................................................auCuacuuacuuuguuuguucu..................  3       1    c02
    ..........................................................Cuguacuuacuuuguuuguucu..................  7       1    c02
    ..........................................................auguacuuacuuuguuuguucu..................  75      0    c02
    ..........................................................auguacuuacuuuCuuuguucu..................  1       1    c02
    ..........................................................auguacuuacuuuguuuguucuA.................  1       1    c02
    ..........................................................auguacuuacuuuguuuguucuU.................  1       1    c02

    ..........................................................cauguacuuacuuuguuuguucA.................  1       1    c15
    ..........................................................cauguacuuacuuuguuuguucu..................  5       0    c15
    ..........................................................auguacuuacuuuguuuguucu..................  13      0    c15
    ..........................................................auguacuuacuuuguuuguucA..................  1       1    c15

    ..........................................................auguacuuacuuuguuugu.....................  1       0    c09
    ..........................................................auguacuuacuuuguuuguu....................  1       0    c09
    ..........................................................auguacuuacuuuCuuuguucu..................  1       1    c09
    ..........................................................auguacuuacuuuguuuguucu..................  20      0    c09
    ..........................................................auguacuuacuuuguuuguucuC.................  1       1    c09
    ..........................................................auguacuuacuuuguuuguucuU.................  2       1    c09
```

Star Mature

gaagaagcgaagacaagaagaguguuucauagcaaacacaguagugugcaaugcuaaaguuauaccaugcauguacuuacuuuguuuguucugaaauauucuaacuagcgac

.....cauguacuuacuuuguuuguu.....	1	0	c04
.....cauguacuuacuuuguuuguucu.....	2	0	c04
.....auguacuuacuuuguuug.....	1	0	c04
.....auguacuuacuuuguuuguuc.....	1	0	c04
.....auguacuuacuuuguuuguucu.....	8	0	c04
.....Cuguacuuacuuuguuuguucu.....	1	1	c04
.....uagcaaacacaguagugugc.....	1	0	c16
.....uagcaaacacaguagugugcaau.....	1	0	c16
.....uagcaaacacaguagugugcaaug.....	1	0	c16
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.....agcaaacacaguagugugca.....	4	0	c16
.....agcaaacacaguagugugcaau.....	1	0	c16
.....agcaaacacaguagugugcaaug.....	2	0	c16
.....agcaaacacaguagugugcaaugc.....	1	0	c16
.....Cgcaaacacaguagugugcaaugcu.....	2	1	c16
.....agcaaacacaguagugugcaaugcu.....	2	0	c16
.....caaacacaguagugugca.....	1	0	c16
.....caaacacaguagugugcaaug.....	2	0	c16
.....caaacacaguagugugcaaugc.....	1	0	c16
.....caaacCcaguagugugcaaugcu.....	1	1	c16
.....caaacacaguaguCugcaaugcu.....	1	1	c16
.....caaacacUguagugugcaaugcu.....	1	1	c16
.....caaacacaguagugugcaaugcu.....	111	0	c16
.....caaacacaguagugugcaaugcuC.....	1	1	c16
.....Caacacaguagugugcaaugcu.....	1	1	c16
.....aaacacaguagugugcaaugcA.....	1	1	c16
.....aaacacaguagugugcaaugcu.....	2	0	c16
.....caugcauguacuuacuuuguuuguu.....	1	0	c16
.....aAgcauguacuuacuuuguuug.....	1	1	c16
.....aGgcauguacuuacuuuguuug.....	1	1	c16
.....augcauguacuuacuuuguuuguu.....	1	0	c16
.....aAgcauguacuuacuuuguuuguucu.....	1	1	c16
.....aGgcauguacuuacuuuguuuguucu.....	1	1	c16
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.....Cgcauguacuuacuuuguuuguuc.....	1	1	c16
.....Agcauguacuuacuuuguuuguucu.....	1	1	c16
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.....gcauguacuuacuuuguuuguucu.....	1	0	c16
.....gGauguacuuacuuuguuuguucu.....	12	1	c16
.....Acauguacuuacuuuguuuguucu.....	1	1	c16
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.....cauguacuuacuuuUuuu.....	1	1	c16
.....cauguacuuacuuuguuu.....	537	0	c16
.....cauguacuuacuuuCuuu.....	1	1	c16
.....caAguacuuacuuuguuu.....	1	1	c16
.....cauguaAuuacuuuguuu.....	2	1	c16
.....cauCuacuuacuuuguuu.....	3	1	c16
.....cauguacuuacAuuguuu.....	1	1	c16
.....cauguCcuuacuuuguuu.....	1	1	c16
.....Gauguacuuacuuuguuu.....	1	1	c16
.....cCuguacuuacuuuguuu.....	1	1	c16
.....cauUuacuuacuuuguuu.....	1	1	c16
.....cauguacuuaUuuuguuu.....	1	1	c16
.....cauguacuuacuuCguuu.....	1	1	c16
.....cauguacuCacuuuguuu.....	1	1	c16
.....cauguaUuuacuuuguuu.....	1	1	c16
.....cauguacuuacuuuCuuug.....	1	1	c16
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.....cauguacuCacuuuguuug.....	1	1	c16

Star Mature

gaagaagcgaagacaagaagaguguuucauagcaaacacaguagugugcaaugcuaaaguuauaccaugcauguacuuacuuuguuuguucugaaauauucuaacuagcgac

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.....cauguacuuacGuuguuug.....	1	1	c16
.....cauguacuuaAuuuguuug.....	2	1	c16
.....cauguacuuacuuuguuuU.....	2	1	c16
.....cauguacuuacAuuguuug.....	1	1	c16
.....cauguacuGacuuuguuug.....	1	1	c16
.....cauguacuuacuAuguuug.....	1	1	c16
.....cauCuacuuacuuuguuug.....	1	1	c16
.....cauguacuuacuuuguuugC.....	1	1	c16
.....caugAacuuacuuuguuugu.....	1	1	c16
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.....cauguacuuacuuuguuAgu.....	1	1	c16
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.....cauguacuuaAuuuguuugu.....	1	1	c16
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.....caAguacuuacuuuguuuguu.....	3	1	c16
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.....cauguacuuaAuuuguuuguu.....	2	1	c16
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.....cauCuacuuacuuuguuuguu.....	7	1	c16
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.....cauguacuuacuuugCuuguu.....	2	1	c16
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.....cauguacuuacuuuguuuUuu.....	2	1	c16
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.....cauguacuAacuuuguuuguu.....	3	1	c16
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.....cauguacuuacuuuguuuCuu.....	7	1	c16
.....cauguacuuacuAuguuuguu.....	4	1	c16
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.....cauguacuuacuuugCuuguuc.....	1	1	c16
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.....cauguacuuacuuuguuuguuG.....	8	1	c16
.....cauguacuuacuuugAuuguuc.....	1	1	c16
.....cauUuacuuacuuuguuuguuc.....	1	1	c16
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.....caAguacuuacuuuguuuguuc.....	1	1	c16
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Star Mature

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.....cauguGcuuacuuuguuuguucu.....	1	1	c16
.....cUuguacuuacuuuguuuguucu.....	3	1	c16
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.....cauguacuuacuuuguuuguucC.....	13	1	c16
.....cauguacuuacuuAguuuguucu.....	16	1	c16
.....cauguacuuacAuuguuuguucu.....	11	1	c16
.....cauguacuuacuGuguuuguucu.....	8	1	c16
.....cauguacuuacuuugAuuguucu.....	25	1	c16
.....cauguacuCacuuuguuuguucu.....	3	1	c16
.....cauguacuuacuuuguuuguucu.....	27733	0	c16
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.....Aauguacuuacuuuguuuguucu.....	25	1	c16
.....cauguacuuacuuugCuuguucu.....	5	1	c16
.....caugCacuuacuuuguuuguucu.....	4	1	c16
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.....cauguacuuacuuuguuGguucu.....	3	1	c16
.....cauguacuuacuuuguuuUuucu.....	25	1	c16
.....cauAuacuuacuuuguuuguucu.....	2	1	c16
.....caugAacuuacuuuguuuguucu.....	33	1	c16
.....cCuguacuuacuuuguuuguucu.....	6	1	c16
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.....cauguacuuCcuuuguuuguucu.....	5	1	c16
.....cauguacuuUcuuuguuuguucu.....	8	1	c16
.....cauguacuuacuuGguuuguucu.....	2	1	c16
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.....caugGacuuacuuuguuuguucu.....	3	1	c16
.....cauguUcuuacuuuguuuguucu.....	3	1	c16
.....cauguacuuacuuuguuuguGcu.....	2	1	c16
.....cauguacuuaUuuuguuuguucu.....	4	1	c16
.....cauguacuuacuuuguuuguucG.....	8	1	c16
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.....cauguacuuacuuuguuCguucu.....	6	1	c16
.....cauguacuuacuuuguuuguuAu.....	51	1	c16
.....cauguacuuacuuuCuuuguucu.....	37	1	c16
.....caGguacuuacuuuguuuguucu.....	3	1	c16
.....cauguacuuacuuuguuuguuGu.....	6	1	c16
.....cauguacuuacuuuAuuuguucu.....	4	1	c16
.....caAguacuuacuuuguuuguucu.....	22	1	c16
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.....cauguacuuaAuuuguuuguucu.....	15	1	c16
.....cauguacuuGcuuuguuuguucu.....	1	1	c16
.....Uauguacuuacuuuguuuguucu.....	11	1	c16
.....cauguacuuacuuuguuuguuUu.....	19	1	c16
.....cauguacuuacuuuguuuguCcu.....	9	1	c16
.....cauguacuGacuuuguuuguucu.....	1	1	c16
.....caCguacuuacuuuguuuguucu.....	4	1	c16
.....cauCuacuuacuuuguuuguucu.....	45	1	c16
.....cauguacuuacuuuguuugGucu.....	4	1	c16
.....cauguacuuacuuuguuugCucu.....	14	1	c16
.....cauguacuuacGuuguuuguucu.....	10	1	c16
.....cauguacuuacuuuguuugAucu.....	16	1	c16
.....cauguacuuaGuuuguuuguucu.....	12	1	c16
.....cauguacuuacuuuguuuguAcu.....	12	1	c16
.....cauguacuuacuuuUuuuguucu.....	14	1	c16
.....cauguacuuacuuuguuAguucu.....	12	1	c16
.....cauguaGuuacuuuguuuguucu.....	2	1	c16
.....cauguacCuacuuuguuuguucu.....	3	1	c16
.....cauguacGuacuuuguuuguucu.....	5	1	c16

Star Mature

gaagaagcgaagacaagaagaguguuucauagcaaacacaguagugugcaaugcuaaaguuauaccaugcauguacuuacuuuguuuguucugaaauauucuaacuagcgac

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.....cauguacuuacuuuguuuAuucu.....	3	1	c16
.....cauguacuuacuuCguuuguucu.....	3	1	c16
.....cauguacuuacuuuguGuguucu.....	3	1	c16
.....cauguacuuacuuuguuuguucuC.....	18	1	c16
.....cauguacuuacuuuguuuguucuA.....	32	1	c16
.....cauguacuuacuuuguuuguucug.....	49	0	c16
.....cauguacuuacuuuguuuguucuU.....	412	1	c16
.....cauguacuuacuuugAuuguucug.....	1	1	c16
.....cauguacuuacuuuguuuguuUug.....	1	1	c16
.....cauguacuuacuuuguuuguucugC.....	4	1	c16
.....cauguacuuacuuuguuuguucugU.....	1	1	c16
.....cauguacuuacuuuguuuguucuUa.....	4	1	c16
.....cauguacuuacuuuguuuguucuga.....	2	0	c16
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.....aAguacuuacuuuguuug.....	2	1	c16
.....auguacuuacuuuguuuC.....	6	1	c16
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.....auguacuuaAuuuguuug.....	2	1	c16
.....auguacuuacuuuguCug.....	1	1	c16
.....auguacuuacuuuCuuug.....	1	1	c16
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.....Cuguacuuacuuuguuug.....	77	1	c16
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.....augCacuuacuuuguuug.....	1	1	c16
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.....auguacuuacuuuguuGg.....	1	1	c16
.....auguacuuaGuuuguuug.....	1	1	c16
.....auCuacuuacuuuguuug.....	4	1	c16
.....auguacuuacAuuguuug.....	2	1	c16
.....auguacuuacuAuguuug.....	2	1	c16
.....auguacuuacuuAguuug.....	3	1	c16
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.....auguacuuacuuuUuuug.....	2	1	c16
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.....auguacuuacuuuguuugA.....	4	1	c16
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.....augAacuuacuuuguuugu.....	1	1	c16
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.....auCuacuuacuuuguuugu.....	2	1	c16
.....auguacuuacuuuguuugG.....	7	1	c16
.....auguacuuacuuuguuuUu.....	1	1	c16
.....auguacuuacuuuCuuugu.....	1	1	c16
.....auguGcuuacuuuguuugu.....	1	1	c16
.....auguacuuaGuuuguuugu.....	2	1	c16
.....auguacuuacuuuguuuCu.....	4	1	c16
.....auUuacuuacuuuguuugu.....	2	1	c16
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.....Cuguacuuacuuuguuugu.....	66	1	c16
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.....auguacuuacuuuguuCguu.....	1	1	c16
.....auguacuuacuuuguuugGu.....	1	1	c16
.....auAuacuuacuuuguuuguu.....	3	1	c16
.....auguaGuuacuuuguuuguu.....	2	1	c16
.....auguacuuacuAuguuuguu.....	3	1	c16
.....auguacuuacuuuguuuguA.....	2	1	c16
.....auguacuuacuuuguuuguC.....	6	1	c16

Star Mature

gaagaagcgaagacaagaagaguguuucauagcaaacacaguagugugcaaugcuaaaguuauaccaugcauguacuuacuuuguuuguucugaaauauucuaacuagcgac

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.....auguacuuacuuugAuuguu.....	1	1	c16
.....auguacAuacuuuguuuguu.....	2	1	c16
.....auguacuuacuuuguuuCuu.....	6	1	c16
.....Cuguacuuacuuuguuuguu.....	180	1	c16
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.....auguacuuacuCuguuuguu.....	1	1	c16
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.....auguacuuacuuAguuuguu.....	2	1	c16
.....auguacuuacAuuguuuguu.....	2	1	c16
.....auguacuuacGuuguuuguu.....	1	1	c16
.....auguacuuaAuuuguuuguu.....	3	1	c16
.....aAguacuuacuuuguuuguu.....	4	1	c16
.....auguacuuacuuuAuuuguu.....	2	1	c16
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Star Mature

gaagaagcgaagacaagaagaguguuucauagcaaacacaguagugugcaaugcuaaaguuauaccaugcauguacuuacuuuguuuguucugaaauauucuaacuagcgac

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Star Mature

gaagaagcgaagacaagaagaguguuucauagcaaacacaguagugugcaaugcuaaaguuauaccaugcauguacuuacuuuguuuguucugaaauauucuaacuagcgac

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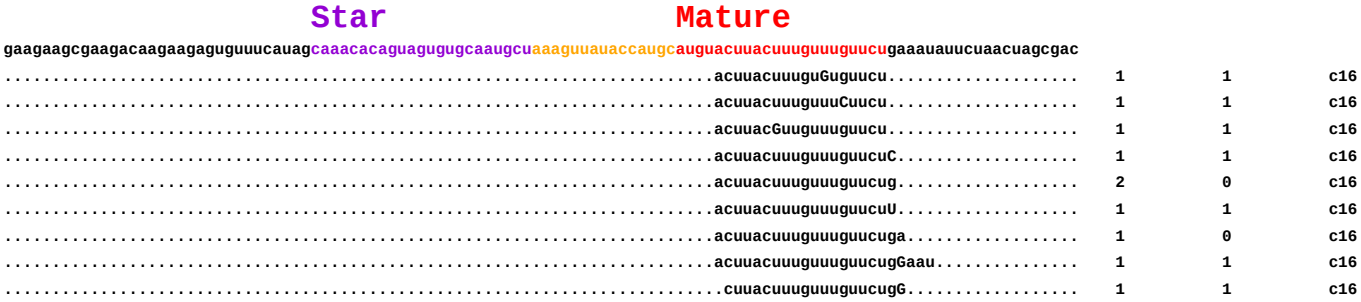

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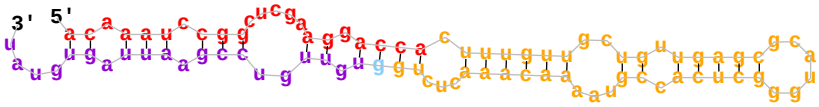
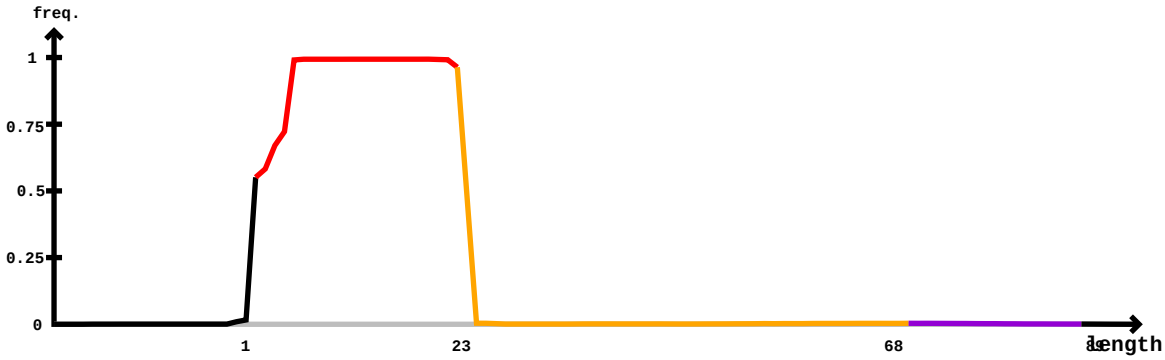
1	1	c16
1	1	c16
1	1	c16
2	0	c16
1	1	c16
1	0	c16
1	1	c16
1	1	c16

Provisional ID	:	group8_13577
Score total	:	10530.4
Score for star read(s)	:	3.9
Score for read counts	:	10529.5
Score for mfe	:	-0.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	20665
Mature read count	:	20599
Loop read count	:	50
Star read count	:	16





Mature **Star**

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5'- uaauuauuucacgguaaguacaaauccggcucgaaggaccacuuuguugcuguugagcgcaugggcucaccguaaaacaaacucuggugguuguccgaauuaguguauuuac  -3'   obs
    uaauuauuucacgguaaguacaaauccggcucgaaggaccacuuuguugcuguugagcgcaugggcucaccguaaaacaaacucuggugguuguccgaauuaguguauuuac        exp
    .............(((((((((((.(((.....((.((((.((((((..((.(((((.....)))))..))...))))))...)))))..))..)))..)))..)))))))))  reads   mm   sample
    .................guUcaaauccggcucgaaggacca.....................................................................  23      1    c02
    ..................uUcaaauccggcucgaaggacc......................................................................  1       1    c02
    ..................uUcaaauccggcucgaaggacca.....................................................................  9       1    c02
    ...................acaaauccggcucgaaggac.......................................................................  1       0    c02
    ...................Ucaaauccggcucgaaggacc......................................................................  126     1    c02
    ...................acaUaauccggcucgaaggacc.....................................................................  2       1    c02
    ...................acaaauccggcucgaaggacc......................................................................  1       0    c02
    ...................Ccaaauccggcucgaaggacca.....................................................................  1       1    c02
    ...................acaaauccggcucgaaggacca.....................................................................  25      0    c02
    ...................acaaauccggcucgaaggacAa.....................................................................  2       1    c02
    ...................Ucaaauccggcucgaaggacca.....................................................................  3944    1    c02
    ...................acaUaauccggcucgaaggacca.....................................................................  2       1    c02
    ...................acaaaucAggcucgaaggacca.....................................................................  2       1    c02
    ...................acaaauccgCcucgaaggacca.....................................................................  1       1    c02
    ...................acaaauccggcucgaaggCcca.....................................................................  1       1    c02
    ...................Ucaaauccggcucgaaggaccac....................................................................  4       1    c02
    ....................caaauccggcucgaagga........................................................................  2       0    c02
    ....................caaauccggcucgaaggacc......................................................................  4       0    c02
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    ....................caaauccggcucgaaggacca.....................................................................  126     0    c02
    ....................caGauccggcucgaaggacca.....................................................................  4       1    c02
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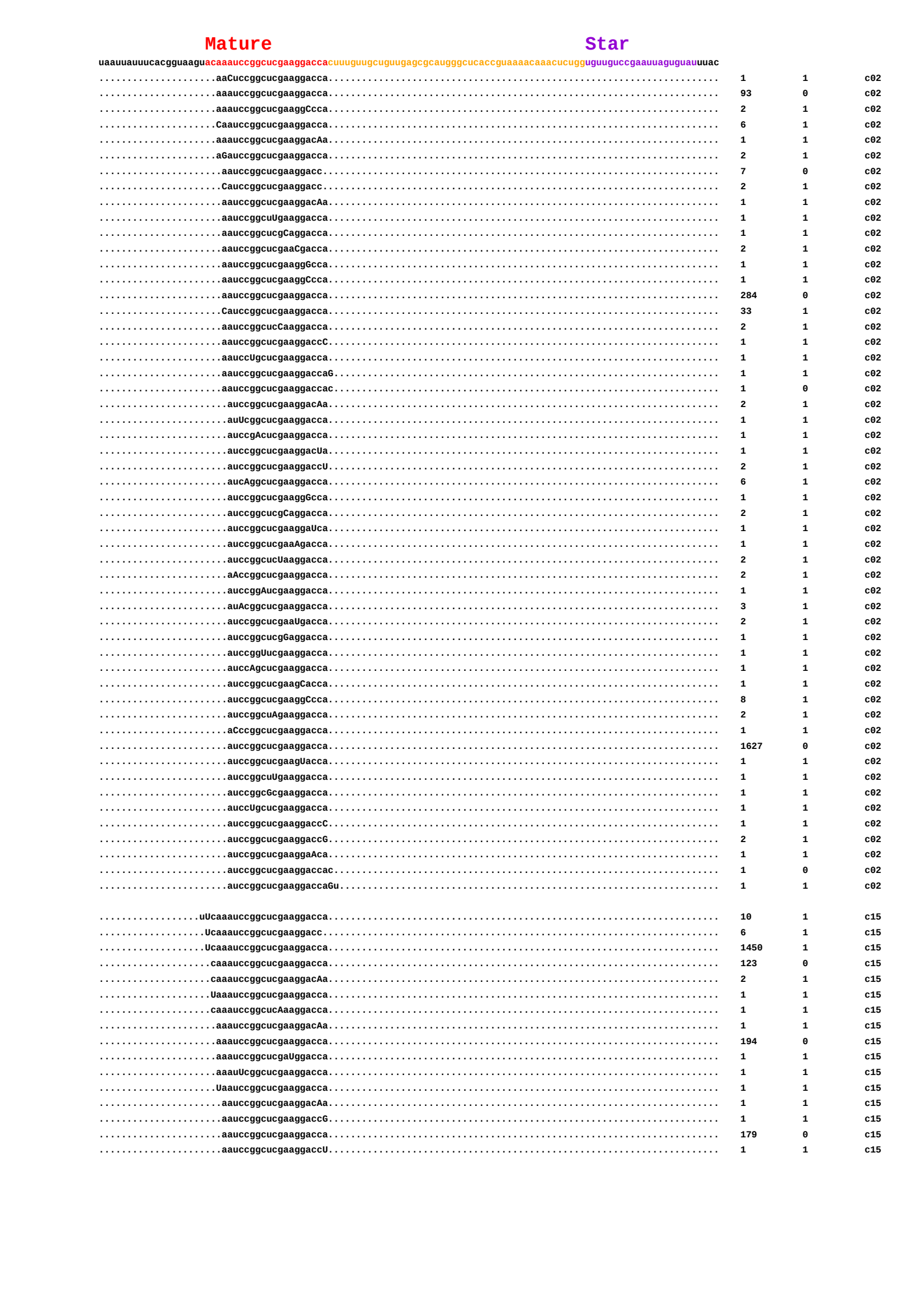
Mature
Star
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.....aaauccggcucgaaggacca..... 93 0 c02
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.....Caauccggcucgaaggacca..... 6 1 c02
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Mature Star

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.....accacuuuguugcuguugag.....	2	0	c15
.....cacuuuguugcuguugagcgU.....	1	1	c15
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.....guaaaacaaacucugguguug.....	1	0	c15
.....uaaaacaaacucugguguug.....	2	0	c15
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.....aaacucugguguuguccgaa.....	1	0	c15
.....aaacucugguguuguccgaau.....	1	0	c15
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.....cucugguguuguccgaauuGgu.....	1	1	c15
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.....ucugguguuguccgaauuagu.....	1	0	c15
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.....uguuguccgaauuaguguau.....	4	0	c15
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.....guuguccgaauuaguguauu.....	1	0	c15
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.....Ucaaauccggcucgaaggacc.....	239	1	c09
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.....Ucaaauccggcucgaaggacca.....	4156	1	c09
.....acaaauccCgcucgaaggacca.....	1	1	c09
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.....Ccaaauccggcucgaaggacca.....	3	1	c09
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Mature Star

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.....caaauccggcucgaaggCcca.....	1	1	c09
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.....auccggcucgaaggacGa.....	1	1	c09
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.....auccggcucgaaggacAa.....	2	1	c09
.....auccggcGcgaaggacca.....	1	1	c09
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Mature Star

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.....auccggcucgaagCacca.....	3	1	c09
.....auccggcucgaaggaAca.....	1	1	c09
.....auccggUucgaaggacca.....	1	1	c09
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.....aaauccggcucgaaggacU.....	1	1	c16
.....aaauccggcucgaaggacA.....	1	1	c16
.....aGauccggcucgaaggacc.....	2	1	c16
.....Gaauccggcucgaaggacc.....	1	1	c16
.....aaauccggcucgaaggacc.....	17	0	c16
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.....aaauccggUucgaaggacca.....	1	1	c16
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.....aaauccggcucgaaggacUa.....	1	1	c16
.....aaauccggcuAgaaggacca.....	1	1	c16
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.....aaCuccggcucgaaggacca.....	2	1	c16
.....aaauAcggcucgaaggacca.....	2	1	c16
.....aaauccggcucgaaggacAa.....	4	1	c16
.....aaauccggcucgaaggCcca.....	5	1	c16
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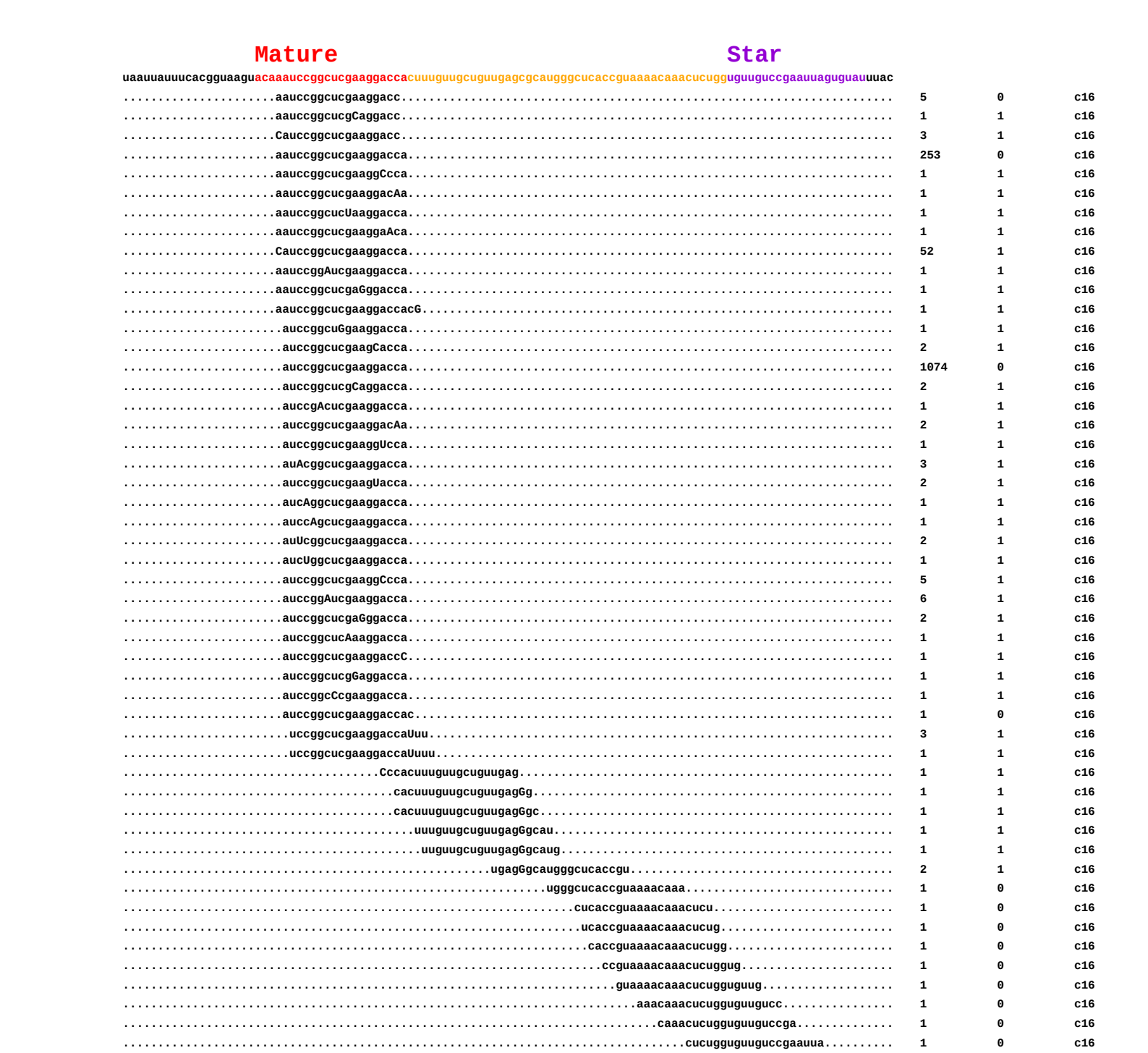
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Star
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Provisional ID	:	group8_13715
Score total	:	90.4
Score for star read(s)	:	3.9
Score for read counts	:	83.2
Score for mfe	:	2.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
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Loop read count	:	0
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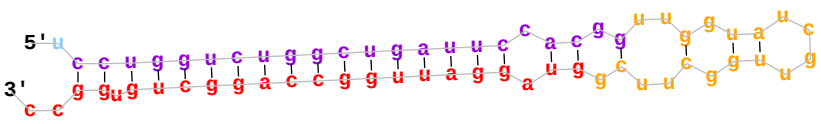

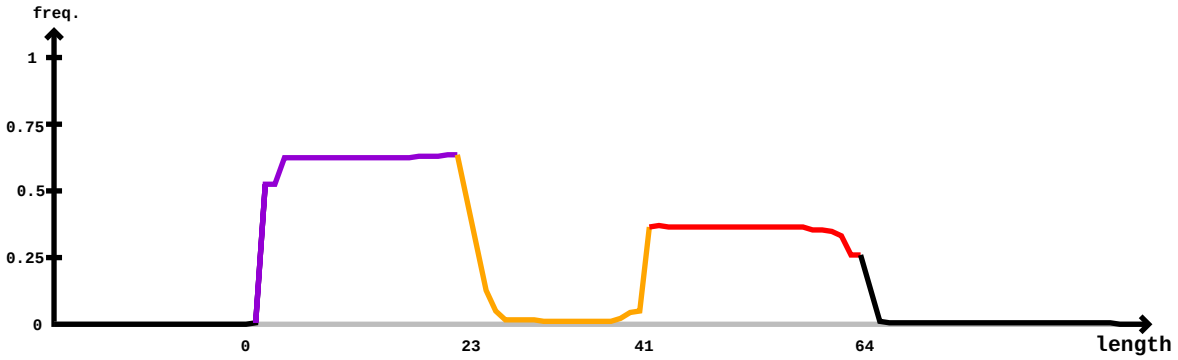

Star **Mature**

```
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    cgccuauguggaugacggguccuggucuggcugauuccacgguugguaucguuggcuucgguaggauuggccaggcuguggcccgucgugucaagggcuucaacaccaaaga        exp
    .((((.((.(.((((((((((.((((((((((((((((.((.(..(.((....)).)..).)).)))))))))))))))).)))))))))).))).))))..............  reads    mm    sample
    ....................ccuggucuggcugauuccacg.....................................................................................  2        0     c04
    ....................ccuggucuggcugauuccacgg....................................................................................  1        0     c04
    ....................uggucuggcugauuccacgguu....................................................................................  1        0     c04
    ....................uggucuggcugauuccacgguugguau...............................................................................  1        0     c04
    ..........................................................guaggauuggccaggcuguggcU.....................................  2        1     c04

    ....................ccuggucuggcugauuccacg.....................................................................................  4        0     c16
    ....................ccuggucuggcugauuccacgg....................................................................................  13       0     c16
    ....................ccuggucuggcugauuccacggu...................................................................................  1        0     c16
    ....................uggucuggcugauuccacUgu.....................................................................................  1        1     c16
    ....................uggucuggcugauuccacgguu....................................................................................  2        0     c16
    ....................uggucuggcugauuccacgguuA...................................................................................  2        1     c16
    ......................................................cgguaggauuggccaggcu.....................................................  1        0     c16
    ......................................................gguaggauuggccaggcuguguU.................................................  1        1     c16
    ......................................................guaggauuggccaggcuguggg...................................................  5        0     c16
    ......................................................guaggauuggccaggcuguggcU.................................................  8        1     c16

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    ....................ccuggucuggcugauuccacgg....................................................................................  6        0     c09
    ..........................................cgguugguaucguuggcuucgguaggauuggccaggcu.....................................  1        0     c09
    ......................................................cgguaggauuggccaggcugug...................................................  1        0     c09
    ......................................................guaggauuggccaggcuguggg...................................................  4        0     c09
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    ....................ccuggucuggcugauuccacgUu...................................................................................  1        1     c15
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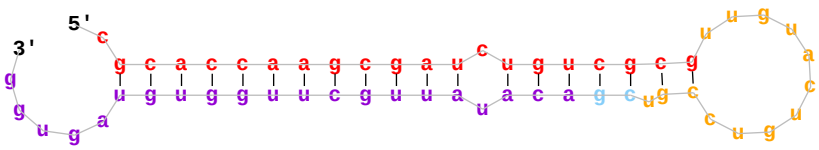
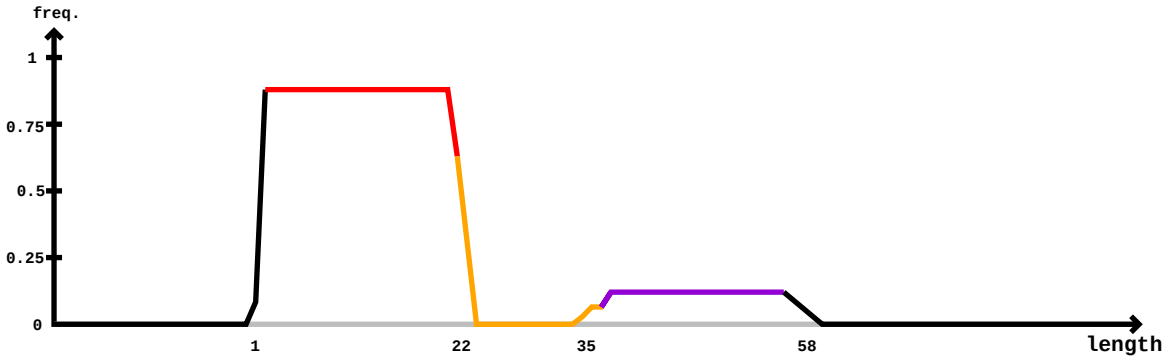
Star Mature

```
cgccuauguggaugacgggu ccuggucuggcugauuccacgg uugguaucguuggcuucg guaggauuggccaggcuguggcc cgucgugucaagggcuucaacaccaaaga
...................ccuggucuggcugauuccacggC.....................................................................  1   1   c15
...................ccuggucuggcugauuccacggu.....................................................................  10  0   c15
...................ccuggucuggcugauuccacgguu....................................................................  1   0   c15
...................ccuggucuggcugauuccacgguA....................................................................  1   1   c15
...................ccuggucuggcugauuccacgguuU...................................................................  2   1   c15
.....................uggucuggcugauuUcacgguu.....................................................................  1   1   c15
.....................uggucuggcugauuccacgguu.....................................................................  7   0   c15
.....................uggucuggcugaGuccacgguu.....................................................................  1   1   c15
.....................uggucuggcugauuccacgguuU...................................................................  2   1   c15
.................................ccacgguugguaucguuggcuucggu.....................................................  1   0   c15
.............................................................ucgguaggauuggccaggcugug.....................................  1   0   c15
............................................................cgguaggauuggccaggcugugU.....................................  1   1   c15
............................................................cgguaggauuggccaggcugugA.....................................  1   1   c15
..........................................................guaggauuggccaggcugu...........................................  1   0   c15
..........................................................guaggauuggccaggcugug..........................................  1   0   c15
..........................................................guaggauuggccaggcuguggcc.......................................  1   0   c15
..........................................................guaggauuggccaggcuguggcA.......................................  2   1   c15
..........................................................guaggauuggccaggcuguggcU.......................................  29  1   c15
.....................................................................................ccgucgugucaagggcuucaacaccaa...  1   0   c15

...................ccuggucuggcugauuccacg.....................................................................  11  0   c02
...................ccuggucuggcugauuccacgg....................................................................  10  0   c02
.............................................................ucgguaggauuggccaggcuguggcccg.....................  1   0   c02
..........................................................guaggauuggccaggcuguggc.......................................  1   0   c02
..........................................................guaggauuggccaggcuguggcU.......................................  1   1   c02
..........................................................uaggauuggccaggcuguggcU.......................................  1   1   c02
```

Provisional ID	:	group8_13795
Score total	:	56.2
Score for star read(s)	:	3.9
Score for read counts	:	49.1
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	108
Mature read count	:	95
Loop read count	:	0
Star read count	:	13





Mature **Star**

```
5'- ggccuggucgcgagcgcggccgcaccaagcgaucugucgcguuguacuguccgucgacauauugcuugguguagugggcgcugcauccauuccauggcacaugucgcagcua  -3'   obs
    ggccuggucgcgagcgcggccgcaccaagcgaucugucgcguuguacuguccgucgacauauugcuugguguaguggcgcugcauccauuccauggcacaugucgcagcua        exp
    ((..(((..((.(((((.((.(((((((((((.(((((((..........)).)))))).)))))))))))).)).)))))))..)))..))..(((....))).......  reads     mm        sample
    ...................ccgcaccaagcgaucugucgc.....................................................................  1         0         c09
    ...................cgcaccaagcgaucugucgcg....................................................................  13        0         c09
    ...................cgcaccaagcgaucugucgcgu...................................................................  2         0         c09
    ..................................................cgacauauugcuugguguagu.....................................  1         0         c09

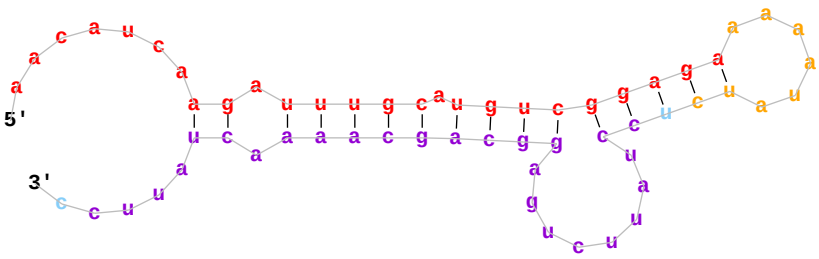
    ...................ccgcaccaagcgaucugucgcg....................................................................  2         0         c04
    ...................cgcaccaagcgaucugucgcg.....................................................................  1         0         c04
    ...................cgcaccaagcgaucugucgcgA....................................................................  2         1         c04
    ..................................................cgacauauugcuugguguagug....................................  1         0         c04

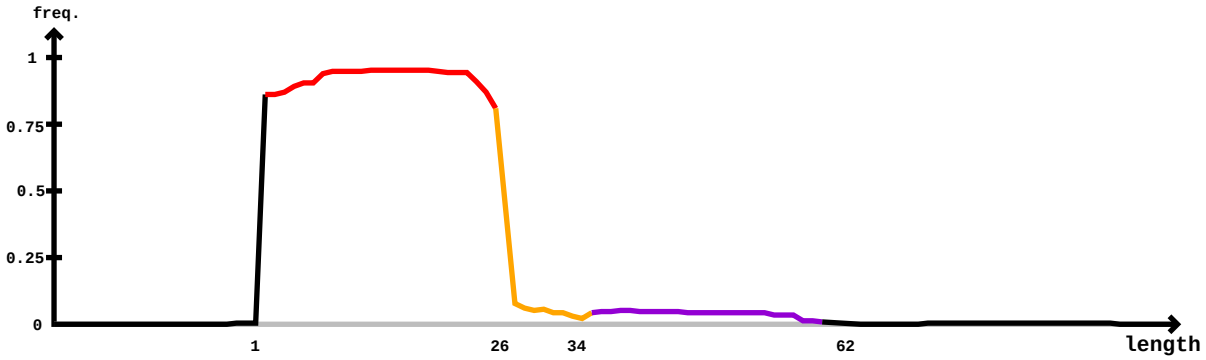
    ...................cAgcaccaagcgaucugucgc.....................................................................  1         1         c16
    ...................ccgcaccaagcgaucugucgc.....................................................................  1         0         c16
    ...................ccgcaccaagcgaucugucgcg....................................................................  2         0         c16
    ...................ccgcaccaagcgaucugucgcgu...................................................................  2         0         c16
    ...................cgcacAaagcgaucugucgc......................................................................  1         1         c16
    ...................cgcaccaagcgaucugucgc......................................................................  12        0         c16
    ...................cgcaccaagcgaucugucgcg.....................................................................  17        0         c16
    ...................cgcaccaagcgaucugucgcgu....................................................................  2         0         c16
    ...................cgcaccaagcgaucugucgcgA....................................................................  1         1         c16
    ..................................................ucgacauauugcuugguguagu.....................................  3         0         c16
    ..................................................cgacauauugcuugguguagu......................................  1         0         c16
    ..................................................cgacauauugcuugguguagug.....................................  1         0         c16
    ..................................................acauauugcuugguguagugg......................................  1         0         c16

    ..................................................acauauugcuugguguagugg......................................  5         0         c15

    ...................cgcaccaagcgaucugucgc.....................................................................  10        0         c02
    ...................cgcaUcaagcgaucugucgc.....................................................................  1         1         c02
    ...................cgcaccaagcgaucugucgcg....................................................................  24        0         c02
```

Provisional ID	:	group9_14104
Score total	:	106
Score for star read(s)	:	3.9
Score for read counts	:	105.7
Score for mfe	:	-0.6
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	219
Mature read count	:	212
Loop read count	:	0
Star read count	:	7





Mature **Star**

```
5'- cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc  -3'   obs
    cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc        exp
    .(((....)))...(((.((((.....((.((((((.((((((((((......)))))).........)))))))))..)).)))))))((((.(((....))).))))..... reads     mm      sample
    ..........................................................cuauucAgaggcagcaaaacu..................................... 1         1       c15
    ..................................................................................aagaaaucuuucgcugaugu...... 1         0       c15

    ..................aacaucaagauuugcaug..................................................................... 1         0       c16
    ..................Cacaucaagauuugcaugucgga................................................................. 1         1       c16
    ..................aacaucaagaAuugcaugucggag................................................................ 1         1       c16
    ..................Cacaucaagauuugcaugucggaga............................................................... 2         1       c16
    ..................aacaucaagauuugcaugucggaga............................................................... 34        0       c16
    ..................Cacaucaagauuugcaugucggagaa.............................................................. 4         1       c16
    ..................aacaucaagauuugcaugucUgagaa.............................................................. 1         1       c16
    ..................aacaucaagauuugAaugucggagaa.............................................................. 1         1       c16
    ..................aacaucaagauuugcaugucggagaa.............................................................. 38        0       c16
    ..................aacaucaagauuugcaugucggagaaa............................................................. 3         0       c16
    ..................aacaucaagauuugcaugucggagaaU............................................................. 1         1       c16
    ..................Uaucaagauuugcaugucggagaa................................................................ 1         1       c16
    ..................Cucaagauuugcaugucggagaa................................................................. 1         1       c16
    ......................aagCuuugcaugucggag..................................................................... 1         1       c16
    ......................aagauuugcaugucggagaaaaau............................................................... 2         0       c16
    ......................aagauuugcaugucggagaaaaauau............................................................. 2         0       c16
    ......................aagauuAgcaugucggagaaaaauauc............................................................ 1         1       c16
    ......................aagauuugcaugucggagaaaaauauc............................................................ 1         0       c16
    ......................agauuugcaugucggagaa.................................................................... 1         0       c16
    ............................uugcaugucggagaaaaauaucuccuauucuga.................................................. 1         0       c16
    ..........................................................uaucuccuauucugaggcagcaaaacu..................................... 1         0       c16
    ..........................................................Gaucuccuauucugaggcagcaaaacu..................................... 1         1       c16
    ..............................................................ccuaCucugaggcagcaaa.......................................... 1         1       c16
    ..............................................................ccuauucugaggcagcaaaacu..................................... 1         0       c16
    ..............................................................ccuauucugaggcagcaaaacuauuc................................. 2         0       c16
    ..............................................................auucAgaggcagcaaaacuau...................................... 1         1       c16

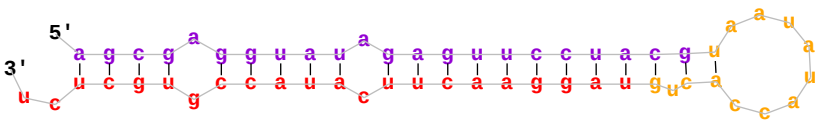
    ..................aggaacaucaagauuugcaugu.................................................................. 1         0       c04
    ..................aacaucaagauuAgcaugucgg.................................................................. 1         1       c04
    ..................aacaucaagauuugcaugucgg.................................................................. 7         0       c04
```

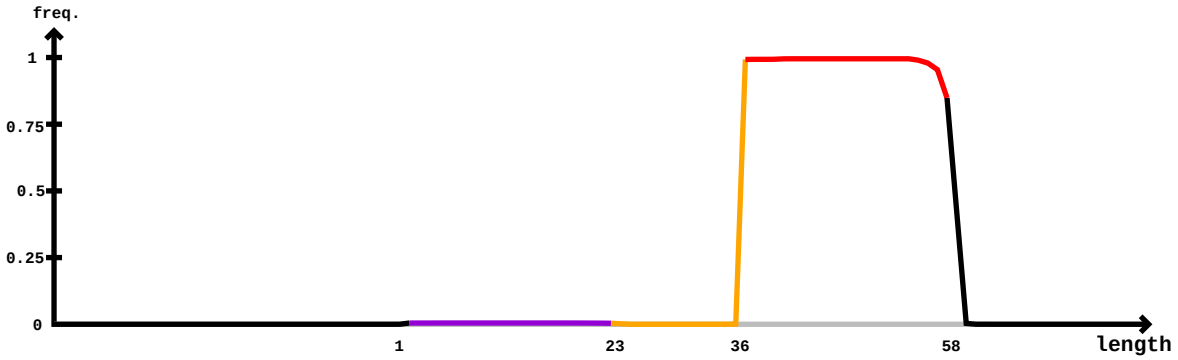
Mature Star

cggaauauuccagacagaggaacaucaagauuugcaugucggagaaaaauaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc

.....aacaucaagauuugcaugucgga.....	6	0	c04
.....aacaucaagauuugcaugucggag.....	5	0	c04
.....aacaucaagauuAgcaugucggag.....	1	1	c04
.....aacaucaagauuugcaugucggaA.....	4	1	c04
.....Cacaucaagauuugcaugucggag.....	1	1	c04
.....aacGucaagauuugcaugucggaga.....	1	1	c04
.....aacaucaagauuugcaugucggaAa.....	1	1	c04
.....Cacaucaagauuugcaugucggaga.....	1	1	c04
.....aacaucaagauuAgcaugucggaga.....	2	1	c04
.....aaAaucaagauuugcaugucggaga.....	1	1	c04
.....aacaucaagauuugcaugucggaga.....	41	0	c04
.....Cacaucaagauuugcaugucggagaa.....	1	1	c04
.....aacaucaagauuugcaugucggagaa.....	30	0	c04
.....aacaucaagauuAgcaugucggagaa.....	5	1	c04
.....aacaucaagauuugcaugucggagaaGa.....	1	1	c04
.....aacaucaagauuugcaugucggagaaaaU.....	1	1	c04
.....aacaucaagauuugcaugucggagaaaaauaucuccuau.....	1	0	c04
.....caucaagauuugcaugucggagaaaa.....	1	0	c04
.....aucaagauuugcaugucgga.....	1	0	c04
.....aucaagauuugcaugucggaA.....	1	1	c04
.....aucaagauuugcaugucggaga.....	1	0	c04
.....aucaagauuAgcaugucggagaa.....	1	1	c04
.....ucaagauuugcaugucgga.....	1	0	c04
.....ucaagauuugcaugucggagaaaaa.....	1	0	c04
.....ucaagauuugcaugucggagaaaaau.....	1	0	c04
.....aagauuugcaugucggagaaaaauaA.....	1	1	c04
.....uaucuccuauucugaggcagcaaaacu.....	1	0	c04
.....ccuaCucugaggcagcaaa.....	1	1	c04
.....agauuugcaugucAgaga.....	1	1	c09

Provisional ID	:	group9_14386
Score total	:	1237033.8
Score for star read(s)	:	3.9
Score for read counts	:	1237023.5
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	2426380
Mature read count	:	2415065
Loop read count	:	0
Star read count	:	11315





Star **Mature**

```
5'- aagauaguuuauucuccagacuggugauugccacuagcgaggguauagaguuccuacguaauauaccacuguaggaacuucauaccgugcucuuggguucgccaagcuucuuc  -3'   obs
    aagauaguuuauucuccagacuggugauugccacuagcgaggguauagaguuccuacguaauauaccacuguaggaacuucauaccgugcucuuggguucgccaagcuucuuc         exp
    .(((........))).((..((((((...(((..((((.((((((.(((((((((((.........)).)))))))))).)))))).))))..))))..)))))).))).....  reads     mm      sample
    ................................Cagcgaggguauagaguuccua.....................................................................  1         1       c16
    ................................uagcgaggguauagaguuccua.....................................................................  4         0       c16
    ................................uagcgaggguauagaguuccuac....................................................................  6         0       c16
    ................................uagcgCggguauagaguuccuacg...................................................................  1         1       c16
    ................................Gagcgaggguauagaguuccuacg...................................................................  2         1       c16
    ................................uagcgaggguauagaguuccuacg...................................................................  5         0       c16
    ................................Cgcgaggguauagaguucc........................................................................  5         1       c16
    ................................agcgaggguauagaguucc........................................................................  29        0       c16
    ................................aAcgaggguauagaguucc........................................................................  1         1       c16
    ................................agcgagguauagagAuccu........................................................................  1         1       c16
    ................................agcgaggguauagaguuccu.......................................................................  31        0       c16
    ................................Cgcgaggguauagaguuccu.......................................................................  5         1       c16
    ................................agcgaggguauagaguuccua......................................................................  54        0       c16
    ................................agcUaggguauagaguuccua......................................................................  1         1       c16
    ................................Cgcgaggguauagaguuccua......................................................................  11        1       c16
    ................................agcgaggguauagaguucAuac.....................................................................  1         1       c16
    ................................agcgaggguauagaguAccuac.....................................................................  1         1       c16
    ................................agcgaggguauagaguuccuaG.....................................................................  1         1       c16
    ................................agcgaggguauagaguuccuaU.....................................................................  1         1       c16
    ................................agcgaggguauagaguuccuac.....................................................................  90        0       c16
    ................................Cgcgaggguauagaguuccuac.....................................................................  24        1       c16
    ................................agcgaggguauagaguuccuaA.....................................................................  1         1       c16
    ................................agcgagguauUgaguuccuacg.....................................................................  1         1       c16
    ................................Ggcgaggguauagaguuccuacg.....................................................................  1         1       c16
    ................................agcgaggguauagaguuccAacg.....................................................................  1         1       c16
    ................................agcgaggCauagaguuccuacg......................................................................  2         1       c16
    ................................agcgagUuauagaguuccuacg......................................................................  1         1       c16
    ................................agcgaggguauagaguuccuacU.....................................................................  25        1       c16
    ................................agAgaggguauagaguuccuacg.....................................................................  1         1       c16
    ................................agcgaggguauagaguuccCacg.....................................................................  3         1       c16
    ................................agcgaggguauagaguuccuacg.....................................................................  1344      0       c16
    ................................agcgaggguauagaguuccuCcg.....................................................................  1         1       c16
    ................................agcgaggguauagaguuAcuacg.....................................................................  4         1       c16
```

Star Mature

aagauaguuuauucuccagacuggugauugccacuagcgaggguauagaguuccuacguaauauaccacuguaggaacuucauaccgugcucuuggguucgccaagcuucuuc

.....agcgagguGuagaguuccuacg.....	1	1	c16
.....agcgagguauagaguCccuacg.....	1	1	c16
.....agcgagguauagagCuccuacg.....	1	1	c16
.....agcgagCuauagaguuccuacg.....	1	1	c16
.....agcCagguauagaguuccuacg.....	2	1	c16
.....agcgagguaCagaguuccuacg.....	1	1	c16
.....Cgcgagguauagaguuccuacg.....	275	1	c16
.....agcgagguauagaguuccuGcg.....	1	1	c16
.....agcgagguauaCaguuccuacg.....	1	1	c16
.....agcgagguauagaguuccuacA.....	4	1	c16
.....aCcgagguauagaguuccuacg.....	1	1	c16
.....agcgagguauagaguucAuacg.....	1	1	c16
.....agcgagguauagaguucUuacg.....	1	1	c16
.....agcgagguauagaguuccuaAg.....	3	1	c16
.....agcgCgguauagaguuccuacg.....	1	1	c16
.....agcgagguauagaguuccuacgu.....	9	0	c16
.....agcgagguauagaguuccuacgG.....	1	1	c16
.....agcgagguauagaguuccuacAu.....	1	1	c16
.....agcgagguauagaguuccuacgA.....	4	1	c16
.....agcgagguauagaguuccuacUu.....	1	1	c16
.....agcgagguauagaguuccuacgGa.....	1	1	c16
.....agcgagguauagaguuccuacguU.....	3	1	c16
.....agcgagguauagaguuccuacgAaa.....	1	1	c16
.....cgagguauagaguuccuac.....	1	0	c16
.....cgagguauaCaguuccuacg.....	1	1	c16
.....cgagguauagaguuccuacg.....	6	0	c16
.....gagguauagaguuccuacg.....	4	0	c16
.....agguauagaguuccuacg.....	1	0	c16
.....Gaauauaccacuguaggaacuucauaccgugcu.....	1	1	c16
.....uaauauaccacuguaggaacuucauaccgugcu.....	1	0	c16
.....uaauauCccacuguaggaacuucauaccgugcucu.....	1	1	c16
.....Gaauauaccacuguaggaacuucauaccgugcucu.....	1	1	c16
.....uaauauaccacuguaggaacuucauaccgugcucu.....	1	0	c16
.....uaauauaccacuguaggaacuucauaccgugcucuu.....	1	0	c16
.....auaccacuguaggaacuucauaccgugcucu.....	2	0	c16
.....aAuguaggaacuucauaccgugcucu.....	1	1	c16
.....aGuguaggaacuucauaccgugcucu.....	2	1	c16
.....acuCuaggaacuucauaccgugcucu.....	1	1	c16
.....Guguaggaacuucauaccgugcuc.....	1	1	c16
.....Auguaggaacuucauaccgugcuc.....	1	1	c16
.....cAguaggaacuucauaccgugcuc.....	1	1	c16
.....cuguaggaacuucauaccgugcucu.....	1	0	c16
.....cGguaggaacuucauaccgugcucu.....	1	1	c16
.....cuCuaggaacuucauaccgugcucu.....	1	1	c16
.....cCguaggaacuucauaccgugcucu.....	1	1	c16
.....Guguaggaacuucauaccgugcucu.....	2	1	c16
.....Auguaggaacuucauaccgugcucu.....	1	1	c16
.....cAguaggaacuucauaccgugcucu.....	1	1	c16
.....cuUuaggaacuucauaccgugcucu.....	2	1	c16
.....uCuaggaacuucauaccgugcuc.....	1	1	c16
.....Gguaggaacuucauaccgugcuc.....	3	1	c16
.....Gguaggaacuucauaccgugcucu.....	6	1	c16
.....ugAaggaacuucauaccgugcucu.....	1	1	c16
.....uUuaggaacuucauaccgugcucu.....	1	1	c16
.....uCuaggaacuucauaccgugcucu.....	15	1	c16
.....uCuaggaacuucauaccgugcucuu.....	1	1	c16
.....Cuaggaacuucauaccgug.....	1	1	c16
.....Cuaggaacuucauaccgugc.....	3	1	c16
.....Cuaggaacuucauaccgugcuc.....	23	1	c16
.....guaggaacuucauaccgugcuc.....	1	0	c16
.....Uuaggaacuucauaccgugcuc.....	2	1	c16
.....gGaggaacuucauaccgugcucu.....	1	1	c16
.....guaAgaacuucauaccgugcucu.....	1	1	c16
.....guaggaacuucauaccgugcucu.....	2	0	c16
.....gAaggaacuucauaccgugcucu.....	4	1	c16
.....Cuaggaacuucauaccgugcucu.....	190	1	c16
.....Auaggaacuucauaccgugcucu.....	1	1	c16
.....Uuaggaacuucauaccgugcucu.....	3	1	c16
.....Cuaggaacuucauaccgugcucuu.....	10	1	c16
.....uaggCacuucauaccgug.....	3	1	c16

Star Mature

aagauaguuuauucuccagacuggugauugccacuagcgaggauauagaguuccuacguaauauaccacuguaggaacuucauaccgugcucuuggguucgccaagcuucuuc

.....uaggaacuucauaccAug.....	1	1	c16
.....uaggaacuucauaccguA.....	3	1	c16
.....uaggaacuucauacAgug.....	10	1	c16
.....uaggaCcuucauaccgug.....	5	1	c16
.....Caggaacuucauaccgug.....	1	1	c16
.....uaggaacuucauUccgug.....	1	1	c16
.....uaggaaUuucauaccgug.....	1	1	c16
.....uagCaacuucauaccgug.....	1	1	c16
.....uaggaacuuAauaccgug.....	1	1	c16
.....uaggaacuCcauaccgug.....	1	1	c16
.....uaggaacuucUuaccgug.....	1	1	c16
.....uaggaacuucauGccgug.....	2	1	c16
.....uaggaacuucCuaccgug.....	2	1	c16
.....uaUgaacuucauaccgug.....	1	1	c16
.....uaggaacuucauaccgCg.....	1	1	c16
.....uaggaacuucGuaccgug.....	1	1	c16
.....Aaggaacuucauaccgug.....	4	1	c16
.....Gaggaacuucauaccgug.....	91	1	c16
.....uaggaacuucauaccguC.....	4	1	c16
.....uaggaacuucauaccgug.....	958	0	c16
.....uUggaacuucauaccgugc.....	1	1	c16
.....Aaggaacuucauaccgugc.....	11	1	c16
.....uaggaacuucauaccguCc.....	2	1	c16
.....uagCaacuucauaccgugc.....	1	1	c16
.....uGggaacuucauaccgugc.....	1	1	c16
.....uaggaacuucauacAgugc.....	12	1	c16
.....uaggaacuucauaccgugA.....	2	1	c16
.....uaggaacuucauaccgGgc.....	1	1	c16
.....uaggCacuucauaccgugc.....	4	1	c16
.....uaggaacuucauaccgugG.....	5	1	c16
.....uaggaacuucauCccgugc.....	3	1	c16
.....uaggaacuucUuaccgugc.....	1	1	c16
.....uaggaacuucauaccgAgc.....	1	1	c16
.....Caggaacuucauaccgugc.....	1	1	c16
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Star Mature

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Star Mature

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Star Mature

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.....uaggaacuucauaccgugcucuuCg.....	6	1	c09
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Star Mature

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Star Mature

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Star Mature

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Star Mature

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.....aGuguaggaacuucauaccgugcuc.....	1	1	c02
.....acuCuaggaacuucauaccgugcucu.....	1	1	c02
.....acGguaggaacuucauaccgugcucu.....	1	1	c02
.....aGuguaggaacuucauaccgugcucu.....	6	1	c02
.....cGguaggaacuucauaccgugcu.....	2	1	c02
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Star Mature

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Star Mature

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Star Mature

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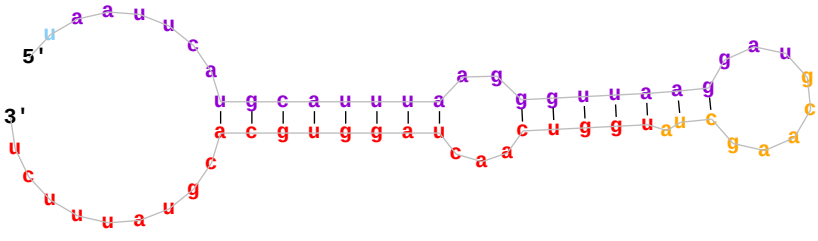
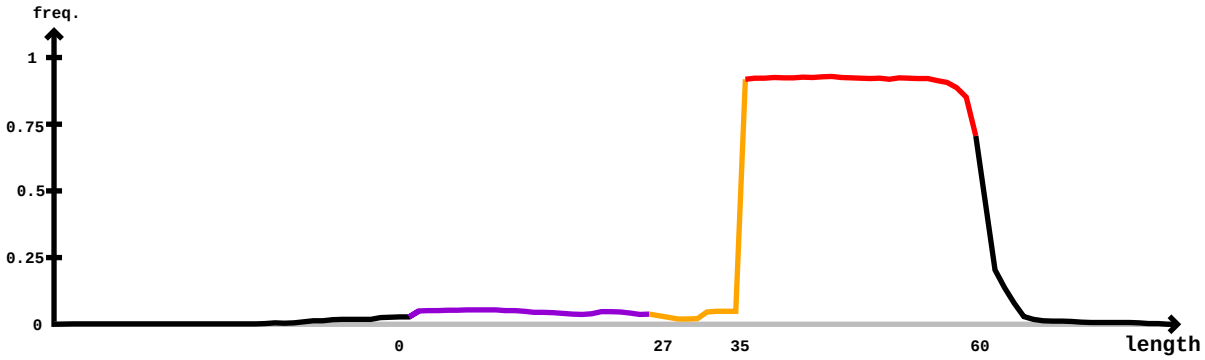
.....uaggaacuucauaccgugcuUu.....	43	1	c15
.....uaggaacuucauaccgugcucuC.....	84	1	c15
.....uaggaacuucauaccUugcucuu.....	1	1	c15
.....uaggaaUuucauaccgugcucuu.....	3	1	c15
.....uaggaacuucaAaccgugcucuu.....	1	1	c15
.....uaggaacuucauaccgugcucuA.....	194	1	c15
.....uaggaacuucauaccgugcucAu.....	8	1	c15
.....uaggaacuAcauaccgugcucuu.....	1	1	c15
.....uaggaacuucauacUgugcucuu.....	3	1	c15
.....uaggaacuucauaccgugUucuu.....	1	1	c15
.....uaggaacuucauaccgugcucuG.....	3	1	c15
.....uaggaacuucauaccAugcucuu.....	3	1	c15
.....uaggaacuucauaccgugcGcuu.....	3	1	c15
.....uGggaacuucauaccgugcucuu.....	5	1	c15
.....uaggaacuucauaccgugcucuu.....	3077	0	c15
.....uCggaacuucauaccgugcucuu.....	1	1	c15
.....uaggaacuucauaccgugcAcuu.....	2	1	c15
.....uaggCacuucauaccgugcucuu.....	1	1	c15
.....uaggaacuuUauaccgugcucuu.....	1	1	c15
.....uaggaacuucauaccgugcucCu.....	2	1	c15
.....uaggaacuucauacAgugcucuu.....	3	1	c15
.....uagCaacuucauaccgugcucuu.....	1	1	c15
.....uaggaUcuucauaccgugcucuu.....	2	1	c15
.....uaggaacuucauGccgugcucuu.....	2	1	c15
.....uaggaacuucauaccgCgcucuu.....	2	1	c15
.....Aaggaacuucauaccgugcucuu.....	1	1	c15
.....uaggaacuucauaccgugcucuug.....	3	0	c15
.....uaggaacuucauaccgugcucuuA.....	44	1	c15
.....uaggaacuucauaccgugcucuuU.....	618	1	c15
.....uaggaacuucauaccgugcucuuC.....	27	1	c15
.....uaggaacuucauaccgugcucuuAg.....	1	1	c15
.....uaggaacuucauaccgugcucuugA.....	1	1	c15
.....aggaacuucauaccgugcuc.....	2	0	c15
.....Uggaacuucauaccgugcucu.....	1	1	c15
.....aggaacuucauaccgugcucu.....	27	0	c15
.....aggaacuucauaccgugcuuu.....	2	0	c15
.....aggaacuucauaccgugcucuA.....	1	1	c15
.....gaacuucauaccgugcucu.....	1	0	c15
.....aacuucauaccgugcucG.....	1	1	c15
.....aacuucauaccgugcucu.....	8	0	c15
.....aacuucauaccgugcucuA.....	1	1	c15

Provisional ID	:	tig00000111_40810
Score total	:	324.7
Score for star read(s)	:	3.9
Score for read counts	:	345.8
Score for mfe	:	-22.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	690
Mature read count	:	668
Loop read count	:	0
Star read count	:	22





Star **Mature**

```
5'- aaagaauugaaaaaaaaaauucauuacaauuuaauaauucaugcauuuaaggguuaaggaugcaagcuauggucaacuaggugcacguauuucuaaacagauaaugaaaaaaca -3'   obs
    aaagaauugaaaaaaaaaauucauuacaauuuaauauucaugcauuuaaggguuaaggaugcaagcuauggucaacuaggugcacguauuucuaaacagauaaugaaaaaaca       exp
    .....................(((((((..((((..(((.(.(((((((((..(((((((........)).)))))...)))))))).).))).))))..).)))))).....   reads    mm    sample
    ........................uuacaauuuaauaauucaugcauuuaa.....................................................................   1        0     c02

    aaagaauugaaaaaaaaaaAu.....................................................................................................   1        1     c15
    .....................ucauuacaauuuaauaauucaugcauu.....................................................................   2        0     c15
    .......................auuacaauuuaauaauucauAc.....................................................................   1        1     c15
    .......................uuacaauuuaauaauucaugcauuuaa.....................................................................   1        0     c15
    .......................uuacaauuuaauaauucaugcauuuaaC....................................................................   1        1     c15
    .......................uacaauuuaauaauucaugc.....................................................................   1        0     c15
    .......................uacaauuuaauaauucaugcauuuaag....................................................................   1        0     c15
    .......................uacaauuuaauaauucaugcauuuaagg...................................................................   1        0     c15
    .........................caauuuaauaauucaugcau.....................................................................   1        0     c15
    .........................caauuuaauaauucaugcauu.....................................................................   1        0     c15
    .........................caauuuaauaauucaugcauuuaagggA..............................................................   1        1     c15
    .........................aauuuaauaauucaugcauuua.....................................................................   1        0     c15
    ...........................uaauaauucaugcauuuaaggguuaa..............................................................   2        0     c15
    ...........................uaauaauucaugcauuuaaggguuaaU.............................................................   1        1     c15
    ...........................uaauaauucaugcauuuaaggguuaag.............................................................   2        0     c15
    .............................aauaauucaugcauuuaagg...................................................................   1        0     c15
    .............................auaauucaugcauuuaaggguuaagAa............................................................   1        1     c15
    ...............................auucaugcauuuaaggguua..................................................................   1        0     c15
    .................................augcGuuuaaggguuaagga...............................................................   1        1     c15
    ...................................guuaaggaugcaagcuauggucaacua.......................................................   1        0     c15
    .....................................uuaaggaugcaagcuauggu.............................................................   2        0     c15
    .....................................uaaggaugcaagcuaugguU.............................................................   2        1     c15
    .....................................uaaggaugcaagcuauggucaa...........................................................   1        0     c15
    .....................................uaaggaugcaagcuauggucaacua........................................................   2        0     c15
    .....................................uaaggaugcaagcuauggucaacuaU.......................................................   1        1     c15
    .....................................uaaggaugcaagcuauggucaacuagU......................................................   1        1     c15
    ...................................aaggaugcaagcuGugguca.............................................................   1        1     c15
    .....................................augcaagcuauggucaacuaggugc.......................................................   2        0     c15
    .....................................augcaagcuauggucaacuaggugA.......................................................   1        1     c15
    ...................................caagcuGuggucaacuaggu.............................................................   1        1     c15
    .....................................agcuauggucaacuaggugcacguauu.....................................................   1        0     c15
```

Star Mature

aaagaauugaaaaaaaaaauucauuacaauuuaauaauucaugcauuuaaggguuaaggaugcaagcuauggucaacuaggugcacguauuucuaaacagauaaugaaaaaaca

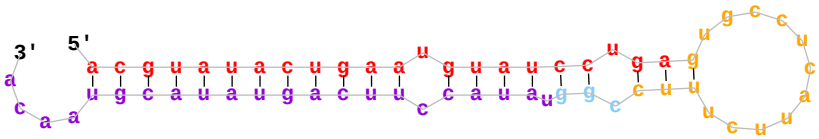
.....gcuauggucaacuaggugcacguauu.....	1	0	c15
.....gcuauggucaacuaggugcacguauuu.....	2	0	c15
.....gcuauggucaacuaggugcacguauuuc.....	15	0	c15
.....gcuauggucaacuaggugcacguauuuUu.....	1	1	c15
.....cuauggucaacuaggugcac.....	1	0	c15
.....uggucaacuaggugcacg.....	1	0	c15
.....uggucaacuaggugcacgua.....	6	0	c15
.....uggucaacuaggugcacguau.....	5	0	c15
.....uggucaacuaggugcacguUu.....	1	1	c15
.....uggucaacuaggugcacguauu.....	13	0	c15
.....uggucaacuaggugcacguauuu.....	25	0	c15
.....uggucaacuaggugcacguauuuc.....	87	0	c15
.....uggucaacuaggugcacguauuuU.....	4	1	c15
.....uggucaacuaggugcacguGuuuc.....	1	1	c15
.....Cggucaacuaggugcacguauuuc.....	1	1	c15
.....uggucaacuaggugcacgAauuuc.....	1	1	c15
.....uggucUacuaggugcacguauuuc.....	1	1	c15
.....uUgucaacuaggugcacguauuucu.....	1	1	c15
.....ugguGaacuaggugcacguauuucu.....	1	1	c15
.....uggucaaUuaggugcacguauuucu.....	1	1	c15
.....Aggucaacuaggugcacguauuucu.....	1	1	c15
.....uggucaacuaggugcacguauuucA.....	11	1	c15
.....uggucaacuaggugcacguauuucu.....	226	0	c15
.....uggucaacuaggugcacguauuucC.....	2	1	c15
.....uggucaacuaggugcacgAauuucu.....	2	1	c15
.....uggucaacuaggugcacguauuucG.....	4	1	c15
.....uggucaacuaggugcacguauCucu.....	1	1	c15
.....uggucaacuaggGgcacguauuucu.....	1	1	c15
.....uggucaacuaggugcacguCuuucu.....	1	1	c15
.....uggucaacuaggugcacguauuucua.....	112	0	c15
.....uggucaacuaggugcacguauuucAa.....	1	1	c15
.....uggucaacuaggCgcacguauuucua.....	1	1	c15
.....uggucaacuaggugcacguauuucuU.....	14	1	c15
.....uggucaacuaggugcacguauuucuaU.....	6	1	c15
.....uggucaacuaggugcacguauuucuaa.....	44	0	c15
.....uggucaacuaggugcacguauuucuaUa.....	1	1	c15
.....uggucaacuaggugcacguauuucuaaU.....	2	1	c15
.....uggucaacuaggugcacguauuucuaaa.....	40	0	c15
.....uggAcaacuaggugcacguauuucuaaac.....	1	1	c15
.....uggucaacuaggugcacguauuucuaaac.....	35	0	c15
.....uggucaacuaggugcacguauuucuaaaA.....	1	1	c15
.....uggucaacuaggugcacguauuucuaaaca.....	5	0	c15
.....uggucaacuaggugcacguauuucuaaacaga.....	1	0	c15
.....ggucaacuaggugcacguauuucu.....	1	0	c15
.....ggucaacuaggugcacguauuucuaa.....	1	0	c15
.....ggucaacuaggugcacguauuucuaaac.....	1	0	c15
.....ucaacuaggugcacguauuucuaaaca.....	1	0	c15
.....ucaacuaggugcacguauuucuaaacag.....	1	0	c15
.....caacuaggugcGcguauuuc.....	1	1	c15
.....acuaggugcacguauuucuaaaca.....	1	0	c15
.....acuaggugcacguauuucuaaacag.....	1	0	c15
.....acuaggugcacguauuucuaaacaA.....	1	1	c15
.....acuaggugcacguauuucuaaacagaua.....	1	0	c15
.....uaggugcacguauuucuaaa.....	1	0	c15
.....uaggugcacguauuucuaaacagauaa.....	1	0	c15
.....aggugcacguauuucuaaacagauaau.....	1	0	c15
.....cacguauuucuaaacagauaa.....	1	0	c15
.....cguauuucuaaacagauaaugaaaaa...	2	0	c15
.....cguauuucuaaacagauaaugaaaaaac.	2	0	c15
.....uucuaaacagauaaugaaaa....	1	0	c15
.....cuauggucaacuaggugcacguauuucuaaaca.....	1	0	c09
.....uucauuacaauuuaauaauucaugcau.....	1	0	c16
.....aauucaugcauuuaaggguuaaggCu.....	4	1	c16
.....aauucaugcauuuaaggguu.....	1	0	c04
.....aauucaugcauuuaaggguuaa.....	1	0	c04
.....aauucaugcauuuaaggguuaaU.....	1	1	c04
.....aauucaugcauuuaaggguuaagg.....	2	0	c04

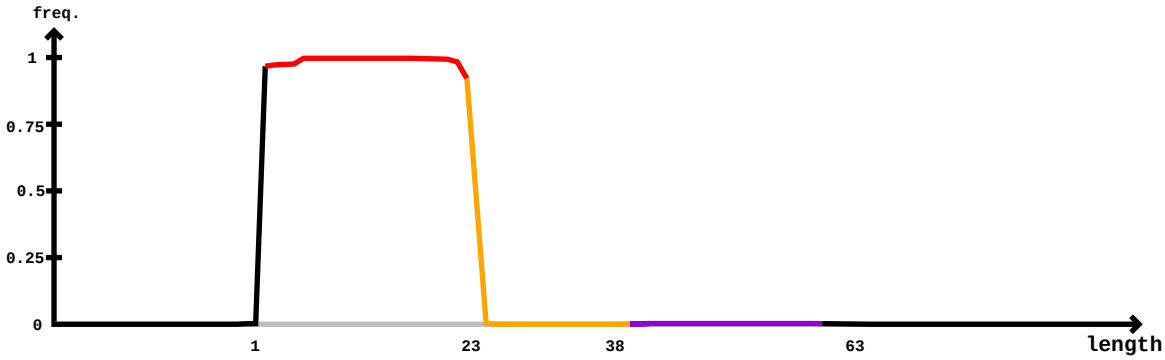
Star Mature

aaagaauugaaaaaaaaaauucauuacaauuuaauaauucaugcauuuaaggguuaaggaugcaagcuauggucaacuaggugcacguauuucuaaacagauaaugaaaaaaca

.....aauucaugcauuuaaggguuaaggC.....	2	1	c04
.....aauucaugcauuuaaggguuaaggCu.....	6	1	c04
.....ucaugcauuuaaggguuaaggC.....	1	1	c04
.....acuaggugcacguauuucuaaacag.....	1	0	c04

Provisional ID	:	tig00000260_40966
Score total	:	4.9
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	26445
Mature read count	:	26370
Loop read count	:	0
Star read count	:	75





Mature **Star**

```
5'- gagaacgcgucgccuucugu acguauacugaauguauccuga gugccucauucuuuccgg uauaccuucaguauacguaaca gaagaugacacuugccaccgcugccgaag  -3'   obs
    gagaacgcgucgccuucugu acguauacugaauguauccuga gugccucauucuuuccggguauaccuucaguauacguaaacagaagaugacacuugccaccgcugccgaag        exp
    ......(.((((.(((((((((((((((((((.(((((((.(((...........))).)).)))).)))))))))))))).)))))))).))))..((....)).........  reads   mm   sample
    ..............ucuguacguauacugaauguauccuga.....................................................................  1       0    c16
    ................guacguauacugaaGgua.....................................................................  19      1    c16
    ................Auacguauacugaauguau.....................................................................  1       1    c16
    ................guacguauacugaaGguau.....................................................................  24      1    c16
    ................guacguauacugaauguauccuU.....................................................................  1       1    c16
    ................uacguauacugaauguauccu.....................................................................  1       0    c16
    ................Cacguauacugaauguauccug.....................................................................  1       1    c16
    ................Cacguauacugaauguauccuga.....................................................................  6       1    c16
    ................uUcguauacugaauguauccuga.....................................................................  1       1    c16
    ................acguauacugaauguauc.....................................................................  17      0    c16
    ................Ccguauacugaauguauc.....................................................................  6       1    c16
    ................acguauacugaaugAaucc.....................................................................  1       1    c16
    ................Ccguauacugaauguaucc.....................................................................  7       1    c16
    ................acguauacugaauguaucc.....................................................................  16      0    c16
    ................acguauacugaaCguauccu.....................................................................  1       1    c16
    ................acguauacugaauCuauccu.....................................................................  1       1    c16
    ................acguauacugaauUuauccu.....................................................................  1       1    c16
    ................aAguauacugaauguauccu.....................................................................  1       1    c16
    ................acguauacugaauguauccu.....................................................................  212     0    c16
    ................Ccguauacugaauguauccu.....................................................................  32      1    c16
    ................acguauaUugaauguauccug.....................................................................  2       1    c16
    ................acguauacugaauguauccuC.....................................................................  1       1    c16
    ................acguauacugaauguaCccug.....................................................................  1       1    c16
    ................acguauacugaauguauUcug.....................................................................  2       1    c16
    ................acguauacugaauguaAccug.....................................................................  1       1    c16
    ................acguauacugaauguaucAug.....................................................................  3       1    c16
    ................acgCauacugaauguauccug.....................................................................  1       1    c16
    ................aAguauacugaauguauccug.....................................................................  2       1    c16
    ................acguauacugaauguauAcug.....................................................................  2       1    c16
    ................acguauacugaauguauccug.....................................................................  1235    0    c16
    ................acguaAacugaauguauccug.....................................................................  1       1    c16
    ................Gcguauacugaauguauccug.....................................................................  1       1    c16
    ................acguauacugaauguauccuA.....................................................................  1       1    c16
```

Mature Star

gagaacgcgucgccuucuguacguauacugaauguauccugagugccucauucuuuccgguauaccuucaguauacguaacagaagaugacacuugccaccgcugccgaag

.....acguauacugaauguauccuU.....	1	1	c16
.....acguauacuUaauguauccug.....	1	1	c16
.....acguauacugaaugAauccug.....	2	1	c16
.....Ccguauacugaauguauccug.....	245	1	c16
.....acguauacugaauUuauccug.....	1	1	c16
.....acguauacugaauguauccCg.....	1	1	c16
.....acCuauacugaauguauccug.....	1	1	c16
.....acguauacugaauguCuccug.....	1	1	c16
.....acguauacugaauCuauccug.....	3	1	c16
.....acguauacugaauguauGcuga.....	2	1	c16
.....aAguauacugaauguauccuga.....	23	1	c16
.....acguauacugaauCuauccuga.....	33	1	c16
.....acguauacugaauguauccCga.....	10	1	c16
.....acguauacuCaauguauccuga.....	16	1	c16
.....acguauacugaUuguauccuga.....	8	1	c16
.....acguauacugaauguaGccuga.....	1	1	c16
.....acguauacugaauguauccAga.....	14	1	c16
.....acguaAacugaauguauccuga.....	19	1	c16
.....acguauCcugaauguauccuga.....	2	1	c16
.....acguGuacugaauguauccuga.....	4	1	c16
.....Ccguauacugaauguauccuga.....	2608	1	c16
.....acguauacugaaAguauccuga.....	13	1	c16
.....acguauacugaCuguauccuga.....	1	1	c16
.....acUuauacugaauguauccuga.....	16	1	c16
.....acguauacCgaauguauccuga.....	8	1	c16
.....acguauaGugaauguauccuga.....	1	1	c16
.....acguauacugaauguaucUuga.....	6	1	c16
.....acguauacugaauguauccugC.....	9	1	c16
.....acguauacugaauguaAccuga.....	12	1	c16
.....acguauUcugaauguauccuga.....	2	1	c16
.....acguauacuAaauguauccuga.....	3	1	c16
.....acguauaAugaauguauccuga.....	21	1	c16
.....acguauacugaGuguauccuga.....	4	1	c16
.....acCuauacugaauguauccuga.....	32	1	c16
.....acguauacugaauguauccugG.....	10	1	c16
.....acguauaUugaauguauccuga.....	5	1	c16
.....Ucguauacugaauguauccuga.....	3	1	c16
.....acguauacugaauAuauccuga.....	4	1	c16
.....acguauacugaauguauccuAa.....	3	1	c16
.....acguauacugaauguauccuUa.....	6	1	c16
.....acguauGcugaauguauccuga.....	1	1	c16
.....Gcguauacugaauguauccuga.....	12	1	c16
.....acguauacugaauguauccGga.....	1	1	c16
.....acAuauacugaauguauccuga.....	7	1	c16
.....acguauacugaaGguauccuga.....	4	1	c16
.....acguauacugaauguauUcuga.....	2	1	c16
.....acguUuacugaauguauccuga.....	2	1	c16
.....acguauacugaauguauccugU.....	68	1	c16
.....acguauacugaauUuauccuga.....	8	1	c16
.....aUguauacugaauguauccuga.....	12	1	c16
.....acguaCacugaauguauccuga.....	7	1	c16
.....acguauacugaauguUuccuga.....	1	1	c16
.....acguauacugaauguaucAuga.....	50	1	c16
.....acguauacugaaCguauccuga.....	6	1	c16
.....acguauacugaauguCuccuga.....	2	1	c16
.....acguauacugCauguauccuga.....	6	1	c16
.....acguauacugaaugAauccuga.....	9	1	c16
.....acguauacugaauguauAcuga.....	59	1	c16
.....acguaGacugaauguauccuga.....	4	1	c16
.....acguauacugaauguauccuCa.....	13	1	c16
.....acguauacugaaugCauccuga.....	8	1	c16
.....acgAauacugaauguauccuga.....	9	1	c16
.....acguauacugaauguaucGuga.....	3	1	c16
.....acguauacugaauguauccuga.....	18208	0	c16
.....acguauacugaauguGuccuga.....	2	1	c16
.....acguauacAgaauguauccuga.....	5	1	c16
.....acguauacugGauguauccuga.....	9	1	c16
.....acguauacugaauguaCccuga.....	4	1	c16
.....acguauacGgaauguauccuga.....	3	1	c16
.....acguauacuUaauguauccuga.....	2	1	c16

Mature Star

gagaacgcgucgccuucuguacguauacugaauguauccugagugccucauucuuuccgguauaccuucaguauacguaacagaagaugacacuugccaccgcugccgaag

.....acguauacugaauguauccugaC.....	11	1	c16
.....acguauacugaauguauccugag.....	30	0	c16
.....acguauacugaauguauccugaA.....	156	1	c16
.....Ccguauacugaauguauccugag.....	4	1	c16
.....acguauacugaauguauccugaU.....	297	1	c16
.....acguauacugaauguauccugagA.....	1	1	c16
.....acguauacugaauguauccugaAu.....	10	1	c16
.....acguauacugaauguauccugaUu.....	53	1	c16
.....acguauacugaauguauccugagG.....	1	1	c16
.....acguauacugaauguauccugagu.....	3	0	c16
.....acguauacugaauguauccugagC.....	2	1	c16
.....acguauacugaauguauccugaguA.....	1	1	c16
.....acguauacugaauguauccugaUug.....	1	1	c16
.....acguauacugaauguauccugagGg.....	1	1	c16
.....acguauacugaauguauccugagug.....	2	0	c16
.....acguauacugaauguauccugagugc.....	1	0	c16
.....acguauacugaauguauccugagugUc.....	1	1	c16
.....acguauacugaauguauccugagAgcc.....	1	1	c16
.....acguauacugaauguauccugagugccuc.....	1	0	c16
.....acguauacugaauguauccugagugccucauucuuuc.....	3	0	c16
.....Ccguauacugaauguauccugagugccucauucuuuc.....	1	1	c16
.....cguauacugaauCuauccug.....	1	1	c16
.....cguauacugaauguauccug.....	13	0	c16
.....Aguauacugaauguauccuga.....	1	1	c16
.....cguauacugaauguauccuga.....	71	0	c16
.....cguauacugaauguauccugag.....	1	0	c16
.....cguauacugaauguauccugaA.....	11	1	c16
.....cguauacugaauguauccugaU.....	22	1	c16
.....cguauacugaauguauccugagu.....	1	0	c16
.....cguauacugaauguauccugaAu.....	1	1	c16
.....cguauacugaauguauccugaUu.....	6	1	c16
.....guauacugaauguauccug.....	1	0	c16
.....guUuacugaauguauccuga.....	1	1	c16
.....guauacugaauguauccuga.....	30	0	c16
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.....guauacugaauguauccugaU.....	10	1	c16
.....uauacugaauguauccug.....	1	0	c16
.....Gauacugaauguauccug.....	1	1	c16
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.....Gauacugaauguauccuga.....	6	1	c16
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.....uauacugaauguauccugaU.....	4	1	c16
.....auacugaauguauccuga.....	469	0	c16
.....auacugaauguauccuCa.....	1	1	c16
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.....auacugaauguauccugU.....	2	1	c16
.....auacugaaugAauccuga.....	1	1	c16
.....auacuCaauguauccuga.....	1	1	c16
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.....auacugaauguaucAuga.....	5	1	c16
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.....Cuacugaauguauccuga.....	16	1	c16
.....auacugaauguauccugaA.....	2	1	c16
.....auacugaauguauccugaU.....	4	1	c16
.....auacugaauguauccugagu.....	1	0	c16
.....auacugaauguauccugaUu.....	1	1	c16
.....cgguauaccuucaguauacg.....	1	0	c16
.....cgguauaccuucaguauacgu.....	13	0	c16
.....cgguauaccuucaguauacgua.....	2	0	c16
.....gguauaccuucaguauacguaac.....	1	0	c16
.....uauaccuucaguauacguaa.....	2	0	c16
.....uauaccuucaguauacguaac.....	2	0	c16
.....uauaccuucaguauacguaacU.....	40	1	c16
.....uauaccuucaguauacguaaca.....	4	0	c16
.....accuucaguauacguaacU.....	1	1	c16
.....Gguacguauacugaauguauccuga.....	1	1	c04

Mature Star

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..................guacguauacugaauguauccu.....	1	0	c04
..................acguauacugaauguauc.....	1	0	c04
..................acguauacugaauguauccu.....	16	0	c04
..................Ccguauacugaauguauccug.....	5	1	c04
..................acguauacugaauCuauccug.....	1	1	c04
..................acguauacugaauguauccug.....	71	0	c04
..................acguauacugaauguauccuga.....	956	0	c04
..................acguauacugaaAguauccuga.....	1	1	c04
..................acgAauacugaauguauccuga.....	2	1	c04
..................acCuauacugaauguauccuga.....	2	1	c04
..................acguauacugaauCuauccuga.....	1	1	c04
..................acguauacCgaauguauccuga.....	1	1	c04
..................acguauacugaauguauAcuga.....	2	1	c04
..................acUuauacugaauguauccuga.....	2	1	c04
..................acguauacugaauguauccugU.....	3	1	c04
..................aAguauacugaauguauccuga.....	2	1	c04
..................Ccguauacugaauguauccuga.....	59	1	c04
..................acguauacugaauguauccugaU.....	16	1	c04
..................acguauacugaauguauccugag.....	4	0	c04
..................acguauacugaauguauccugaA.....	17	1	c04
..................acguauacugaauguauccugaC.....	1	1	c04
..................Uguauacugaauguauccuga.....	1	1	c04
..................cguauacugaauguauccuga.....	1	0	c04
..................Auauacugaauguauccuga.....	1	1	c04
..................uauacugaauguauccuga.....	3	0	c04
..................Cuacugaauguauccuga.....	2	1	c04
..................auacugaauguauccuga.....	34	0	c04
..................auacugaauguauccugaU.....	1	1	c04
..........uauaccuucaguauacguaacU.....	5	1	c04

..................acguauacugaauguauc.....	1	0	c09
..................acguauacugaauguaucc.....	1	0	c09
..................acguauacugaauguauccu.....	5	0	c09
..................acguauacugaauguauccug.....	28	0	c09
..................Ccguauacugaauguauccuga.....	14	1	c09
..................acCuauacugaauguauccuga.....	1	1	c09
..................acguauacugaGuguauccuga.....	1	1	c09
..................acguauacugaauguauccuga.....	237	0	c09
..................acguauacugaauguauccAga.....	1	1	c09
..................acguauacugaauguauccugaA.....	2	1	c09
..................acguauacugaauguauccugaU.....	1	1	c09
..................cguauacugaauguauccug.....	1	0	c09
..................cCuauacugaauguauccuga.....	1	1	c09
..................cguauacugaauguauccuga.....	1	0	c09
..................uauacugaauguauccuga.....	1	0	c09
..................auacugaauguauccuga.....	10	0	c09
..........uauaccuucaguauacguaacU.....	2	1	c09
..........uauaccuucaguauacguaaca.....	1	0	c09

..................acguauacugaauguauccu.....	1	0	c02
..................acguauacugaauguaucAu.....	1	1	c02
..................acguauacugaauguauccug.....	11	0	c02
..................acguauacugaauguaucAug.....	1	1	c02
..................Ccguauacugaauguauccug.....	2	1	c02
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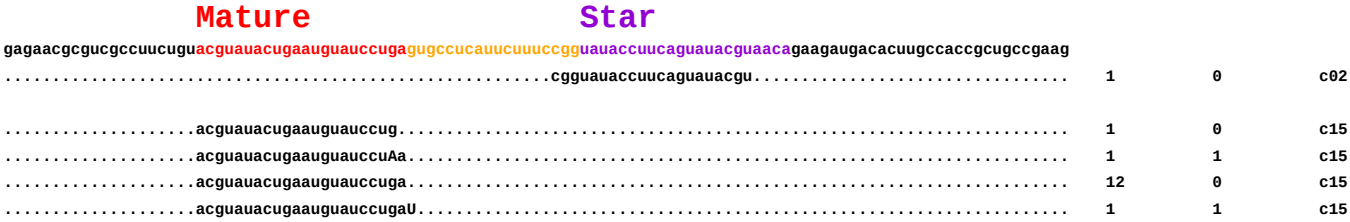
..................acguauacugaauguauccuga.....	204	0	c02
..................Gcguauacugaauguauccuga.....	1	1	c02
..................acguauacugaauguauccCga.....	1	1	c02
..................acguauacAgaauguauccuga.....	1	1	c02
..................aAguauacugaauguauccuga.....	1	1	c02
..................acguauacugaauguauccuCa.....	1	1	c02
..................Ccguauacugaauguauccuga.....	17	1	c02
..................acguauacugaauguaucUuga.....	1	1	c02
..................Ccguauacugaauguauccugag.....	1	1	c02
..................acguauacugaauguauccugaC.....	1	1	c02
..................acguauacugaauguauccugaU.....	1	1	c02
..................acguauacugaauguauccugaA.....	2	1	c02
..................Gauacugaauguauccuga.....	1	1	c02
..................auacugaauguauccuga.....	10	0	c02



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	1	0	c15
	1	1	c15
	12	0	c15
	1	1	c15

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Score for read counts	:	9941.2
Score for mfe	:	1.8
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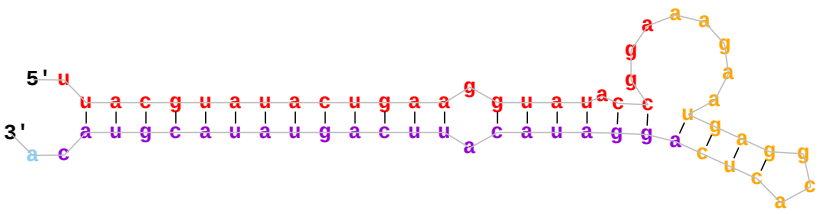

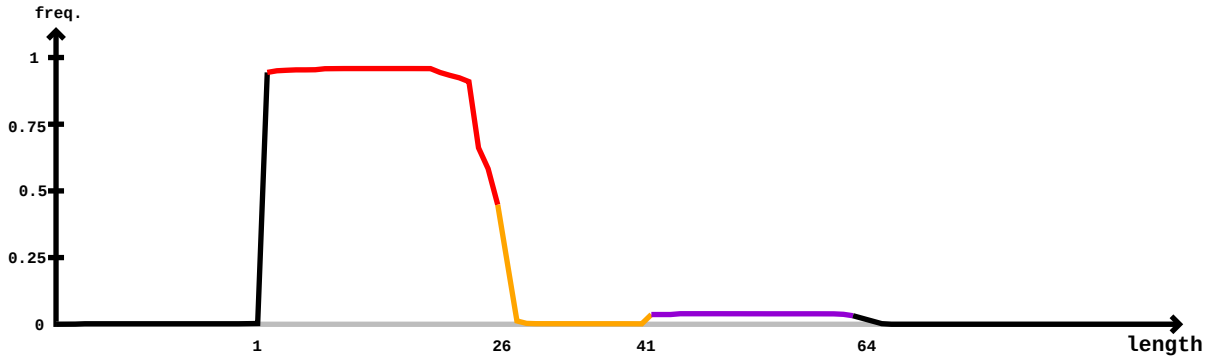

Mature **Star**

```
5'- guggcaagugucaucuucuguuacguauacugaagguauaccggaaagaaugaggcacucaggauacauucaguauacguacagaaggcgacgcguucucuucucuucucaacac  -3'   obs
    guggcaagugucaucuucuguuacguauacugaagguauaccggaaagaaugaggcacucaggauacauucaguauacguacagaaggcgacgcguucucuucucuucucaacac        exp
    .....(((((.(((((((((.((((((((((((.((((.((........((((...)))))))))).))))))))))))))))))))).)))))..................  reads     mm      sample
    guggAaagugucaucuucug..............................................................................................  1         1       c16
    guggcaagugucaucuucug..............................................................................................  7         0       c16
    .uggcaagugucaucuucu...............................................................................................  1         0       c16
    .Gggcaagugucaucuucug..............................................................................................  6         1       c16
    .uggcaagugucaucuucug..............................................................................................  19        0       c16
    .uggcaagugucaucuucugu.............................................................................................  1         0       c16
    ................uguuacguauacugaagg.................................................................................  3         0       c16
    ................uguuacguauacugaagguCu..............................................................................  1         1       c16
    ................uguuacguauacugaagguau..............................................................................  1         0       c16
    ................uguuacguauacugaagguauacc...........................................................................  4         0       c16
    ................Gguuacguauacugaagguauacc...........................................................................  1         1       c16
    ................Cuuacguauacugaaggu.................................................................................  2         1       c16
    ................Cuuacguauacugaagguauacc............................................................................  3         1       c16
    ................Cuuacguauacugaagguauaccg...........................................................................  1         1       c16
    ................Cuuacguauacugaagguauaccgg..........................................................................  2         1       c16
    ................Auuacguauacugaagguauaccgg..........................................................................  1         1       c16
    ................Uuuacguauacugaagguauaccgga.........................................................................  1         1       c16
    ................Cuuacguauacugaagguauaccgga.........................................................................  1         1       c16
    ................Auacguauacugaaggua.................................................................................  1         1       c16
    ................uuacguauacugaaggGa.................................................................................  1         1       c16
    ................uuacguauacGgaaggua.................................................................................  1         1       c16
    ................Guacguauacugaaggua.................................................................................  19        1       c16
    ................uuacguauacugaagCua.................................................................................  2         1       c16
    ................uuacguauCcugaaggua.................................................................................  1         1       c16
    ................uuacguauacugaagguC.................................................................................  1         1       c16
    ................uuacguauacugaagguG.................................................................................  1         1       c16
    ................uuacguauacugaaggua.................................................................................  244       0       c16
    ................uuaAguauacugaaggua.................................................................................  1         1       c16
    ................uuacguauacugaUggua.................................................................................  1         1       c16
    ................uuacguauacugaagguU.................................................................................  9         1       c16
    ................uuacguauacugaaAgua.................................................................................  1         1       c16
    ................uuacguauacCgaagguau................................................................................  1         1       c16
    ................Auacguauacugaagguau................................................................................  1         1       c16
```

Mature Star

guggcaagugucaucuucuguuacguauacugaagguauaccggaaagaaugaggcacucaggauacauucaguauacguacagaaggcgacgcguucucuucucuucucaacac

.....uuacguauacugaagguaG.....	1	1	c16
.....Guacguauacugaagguau.....	24	1	c16
.....uuacguauaGugaagguau.....	2	1	c16
.....uuacguauacugaagguau.....	175	0	c16
.....uuacguauacugaagguaA.....	1	1	c16
.....uuacguauacugaagguauG.....	1	1	c16
.....uuacguauacugaagCuaua.....	1	1	c16
.....Guacguauacugaagguaua.....	10	1	c16
.....uuacguauacAgaagguaua.....	1	1	c16
.....uuacUuauacugaagguaua.....	2	1	c16
.....uuacguauacugaagguaua.....	168	0	c16
.....uuacguauacugaagguauU.....	2	1	c16
.....uuacguauacugaagguauGc.....	1	1	c16
.....uuacguauacugaagguauac.....	245	0	c16
.....uuaUguauacugaagguauac.....	1	1	c16
.....Guacguauacugaagguauac.....	17	1	c16
.....uuacguaAacugaagguauac.....	1	1	c16
.....uuacguauacugaagguauaA.....	11	1	c16
.....uuacAuauacugaagguauac.....	1	1	c16
.....uuacguauacugaagguauCc.....	1	1	c16
.....uCacguauacugaagguauacc.....	1	1	c16
.....uuacguauaUugaagguauacc.....	2	1	c16
.....uuaAguauacugaagguauacc.....	6	1	c16
.....uuacguauaAugaagguauacc.....	2	1	c16
.....uuacguaAacugaagguauacc.....	2	1	c16
.....Guacguauacugaagguauacc.....	294	1	c16
.....Auacguauacugaagguauacc.....	17	1	c16
.....uuacguauacugaaUguauacc.....	2	1	c16
.....uuacguaCacugaagguauacc.....	1	1	c16
.....uuacguauacugaGgguauacc.....	1	1	c16
.....uuaUguauacugaagguauacc.....	2	1	c16
.....uuacguauacugaagguauCcc.....	4	1	c16
.....uuacguauacugaagguauGcc.....	2	1	c16
.....uuacguauacugaaCguauacc.....	2	1	c16
.....uuacguauacugaagCuauacc.....	11	1	c16
.....uuacguauacugCagguauacc.....	3	1	c16
.....uuacguauacugaagguauacc.....	4377	0	c16
.....uuacguauacugaagguaAacc.....	4	1	c16
.....uAacguauacugaagguauacc.....	2	1	c16
.....uuacgAauacugaagguauacc.....	1	1	c16
.....uuacguauacugaagguCuacc.....	3	1	c16
.....uuacCuauacugaagguauacc.....	5	1	c16
.....uuacguauacugaagguauaUc.....	5	1	c16
.....uuacguauacugaagguauUcc.....	1	1	c16
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.....uuacUuauacugaagguauacc.....	5	1	c16
.....uuacguauacugaagUuauacc.....	5	1	c16
.....uuacguauacugaagguauacA.....	33	1	c16
.....uuacguauGcugaagguauacc.....	2	1	c16
.....uuacguauacugaagguauacG.....	1	1	c16
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.....uuacguauacugaagguUuacc.....	2	1	c16
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.....uuacguauacugaagguauacUg.....	2	1	c16
.....uuaAguauacugaagguauaccg.....	2	1	c16
.....uCacguauacugaagguauaccg.....	2	1	c16
.....uuacguauacugaaAguauaccg.....	1	1	c16
.....uuacguauUcugaagguauaccg.....	1	1	c16
.....uuacguauacugaagguUuaccg.....	2	1	c16

Mature Star

guggcaagugucaucuucuguuacguauacugaagguauaccggaaagaaugaggcacucaggauacauucaguauacguacagaaggcgacgcguucucuucucuucucaacac

.....uuaGguauacugaagguauaccg.....	1	1	c16
.....uuacguauacCgaagguauaccg.....	1	1	c16
.....uuacguauacugaaUguauaccg.....	1	1	c16
.....uuacguauacugaagguauGccg.....	1	1	c16
.....uuacguauacugaagguauacAg.....	10	1	c16
.....uuacgAauacugaagguauaccg.....	1	1	c16
.....uuacguauacugaagguauaccC.....	4	1	c16
.....uuacguauacugaagguauaccA.....	10	1	c16
.....uuacguauacugaagguauCccg.....	1	1	c16
.....Guacguauacugaagguauaccg.....	111	1	c16
.....uuacguauacugaagguauaccU.....	25	1	c16
.....uuacguauacugaagguCuaccg.....	2	1	c16
.....uuacguauacugaagguaAaccg.....	1	1	c16
.....Auacguauacugaagguauaccg.....	6	1	c16
.....uuacguauacugaagCuauaccg.....	2	1	c16
.....uuacguauacugaaggAauaccg.....	3	1	c16
.....uuacgCauacugaagguauaccg.....	1	1	c16
.....uuacUuauacugaagguauaccg.....	2	1	c16
.....uuacguauacugaagguauaAcg.....	2	1	c16
.....uuacguauacugCagguauaccg.....	2	1	c16
.....uuacguauacugaCgguauaccg.....	1	1	c16
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.....uuacAuauacugaagguauaccg.....	1	1	c16
.....uuacguauacugUagguauaccg.....	1	1	c16
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.....uuacguauacugaaggCauaccg.....	4	1	c16
.....uuacguauacugaaUguauaccgg.....	1	1	c16
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.....uuacguauacugaagguauacUgg.....	1	1	c16
.....uuacguauacugaagguauaccgA.....	3	1	c16
.....uuacguauacugCagguauaccgg.....	1	1	c16
.....uuacguauacugaagguaGaccgg.....	1	1	c16
.....uuacguauacugaaAguauaccgg.....	1	1	c16
.....uAacguauacugaagguauaccgg.....	1	1	c16
.....uCacguauacugaagguauaccgg.....	2	1	c16
.....uuacguauaGugaagguauaccgg.....	2	1	c16
.....uuUcguauacugaagguauaccgg.....	1	1	c16
.....uuacguauacugaagguauaUcgg.....	2	1	c16
.....uuacguauacugaaggAauaccgg.....	1	1	c16
.....uuacguauacugaagguauaccgC.....	5	1	c16
.....uuacguauacugaagguauaccgU.....	1	1	c16
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.....Guacguauacugaagguauaccgg.....	199	1	c16
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.....uuacUuauacugaagguauaccgg.....	2	1	c16
.....uuacguauacugaagguauCccgg.....	1	1	c16
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.....uuacguGuacugaagguauaccgg.....	1	1	c16
.....uuacguaAacugaagguauaccgg.....	1	1	c16
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.....uuacguauacugaagguauaGcgg.....	1	1	c16
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.....uuCcguauacugaagguauaccgg.....	1	1	c16
.....uuacguauCcugaagguauaccgg.....	1	1	c16
.....uuacguauacugaagguauacAgg.....	7	1	c16
.....uuacguauaAugaagguauaccgg.....	2	1	c16
.....uuacguauacugaagUuauaccgg.....	1	1	c16
.....uuacguauacugaagguCuaccgg.....	2	1	c16
.....Auacguauacugaagguauaccgg.....	10	1	c16
.....uuacguauacugaagguauaccUg.....	6	1	c16
.....uuacguauUcugaagguauaccgg.....	1	1	c16
.....uuacguauacugaaggAauaccgga.....	3	1	c16

Mature Star

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.....uuacgCauacugaagguauaccgga.....	1	1	c16
.....uuacguauacugaagguauacUgga.....	3	1	c16
.....uuacguauacugaagguauaccggU.....	49	1	c16
.....uuacguauUcugaagguauaccgga.....	2	1	c16
.....uuacguauacugaagguaGaccgga.....	1	1	c16
.....uuacguauacugaagguauaccggG.....	1	1	c16
.....uuacguauacugaaggCauaccgga.....	2	1	c16
.....uuacguauacugaagguauaccggC.....	13	1	c16
.....uuacguauacugaagguauUccgga.....	1	1	c16
.....uuacguauacugaaggGauaccgga.....	1	1	c16
.....uuacguauacugaagguauaccAga.....	2	1	c16
.....uuacguCuacugaagguauaccgga.....	2	1	c16
.....uuacguauacugaagguauaAcgga.....	4	1	c16
.....Cuacguauacugaagguauaccgga.....	3	1	c16
.....uuacguauacugaagguauaccgUa.....	1	1	c16
.....uuacguauacugaagguaCaccgga.....	8	1	c16
.....uuacguauacGgaagguauaccgga.....	1	1	c16
.....uuacguauacuCaagguauaccgga.....	7	1	c16
.....uuacguauacugaCgguauaccgga.....	3	1	c16
.....uuacUuauacugaagguauaccgga.....	1	1	c16
.....uuacguauaUugaagguauaccgga.....	2	1	c16
.....uuacguauacugaagguauGccgga.....	3	1	c16
.....uuacguauacugaaUguauaccgga.....	2	1	c16
.....uuacguauacugaagUuauaccgga.....	3	1	c16
.....uuacguGuacugaagguauaccgga.....	3	1	c16
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.....uuaAguauacugaagguauaccgga.....	5	1	c16
.....uuacguauacugaagguauaGcgga.....	2	1	c16
.....uuacguauacugaagguauaccUga.....	3	1	c16
.....uuacguauacugaagguauacAgga.....	21	1	c16
.....uuCcguauacugaagguauaccgga.....	2	1	c16
.....uuacguauaGugaagguauaccgga.....	1	1	c16
.....uuacguauacugaagAuauaccgga.....	1	1	c16
.....uuaGguauacugaagguauaccgga.....	1	1	c16
.....uuacguauacugaGgguauaccgga.....	1	1	c16
.....uuacguaGacugaagguauaccgga.....	2	1	c16
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Mature Star

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Score for star read(s)	:	3.9
Score for read counts	:	5656.1
Score for mfe	:	1.8
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Score for cons. seed	:	3
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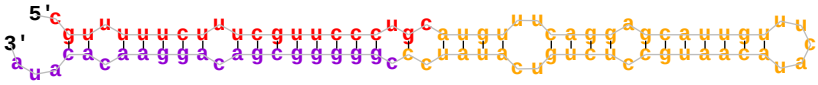

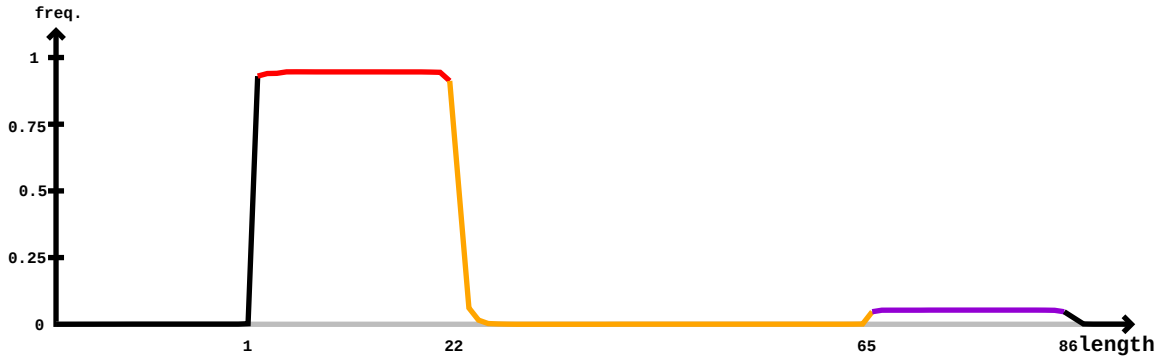

Mature **Star**

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    aagcauuuggugugguuguacguuuuucuuucguucccugcauguuucaggagcauuguuucauacaaugccucugucauauccccgggggcgacaggaacacauauaacau      exp
    ...........(((((((((.((.(((((.(((((((((.(.((((..((((.(((((((.....)))))))..))))..))))).).)))))))).))))))..)).)))))))))  reads     mm        sample
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    ...................cguuuuucuuucguucccugcau.................................................................................  2         0         c02
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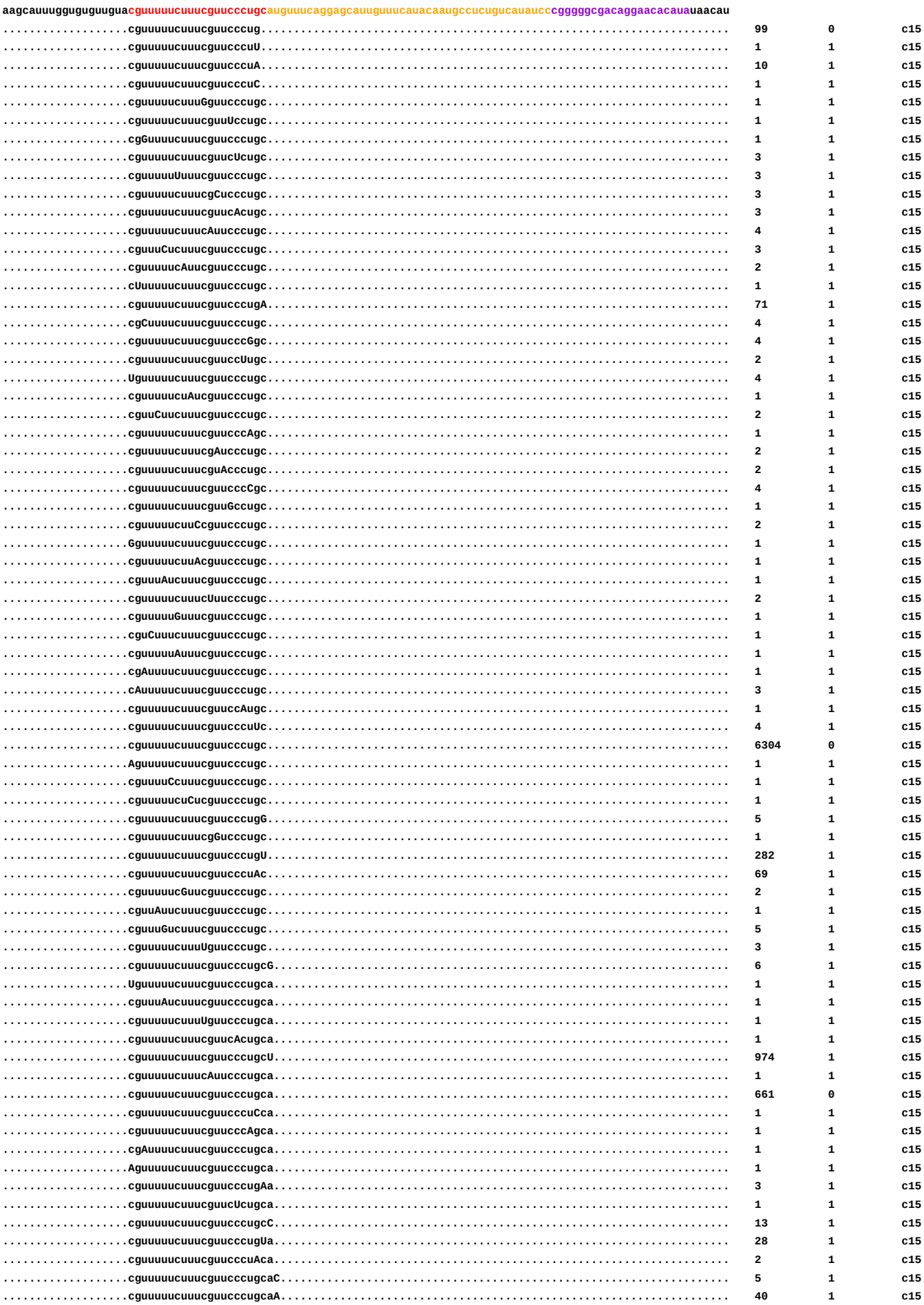
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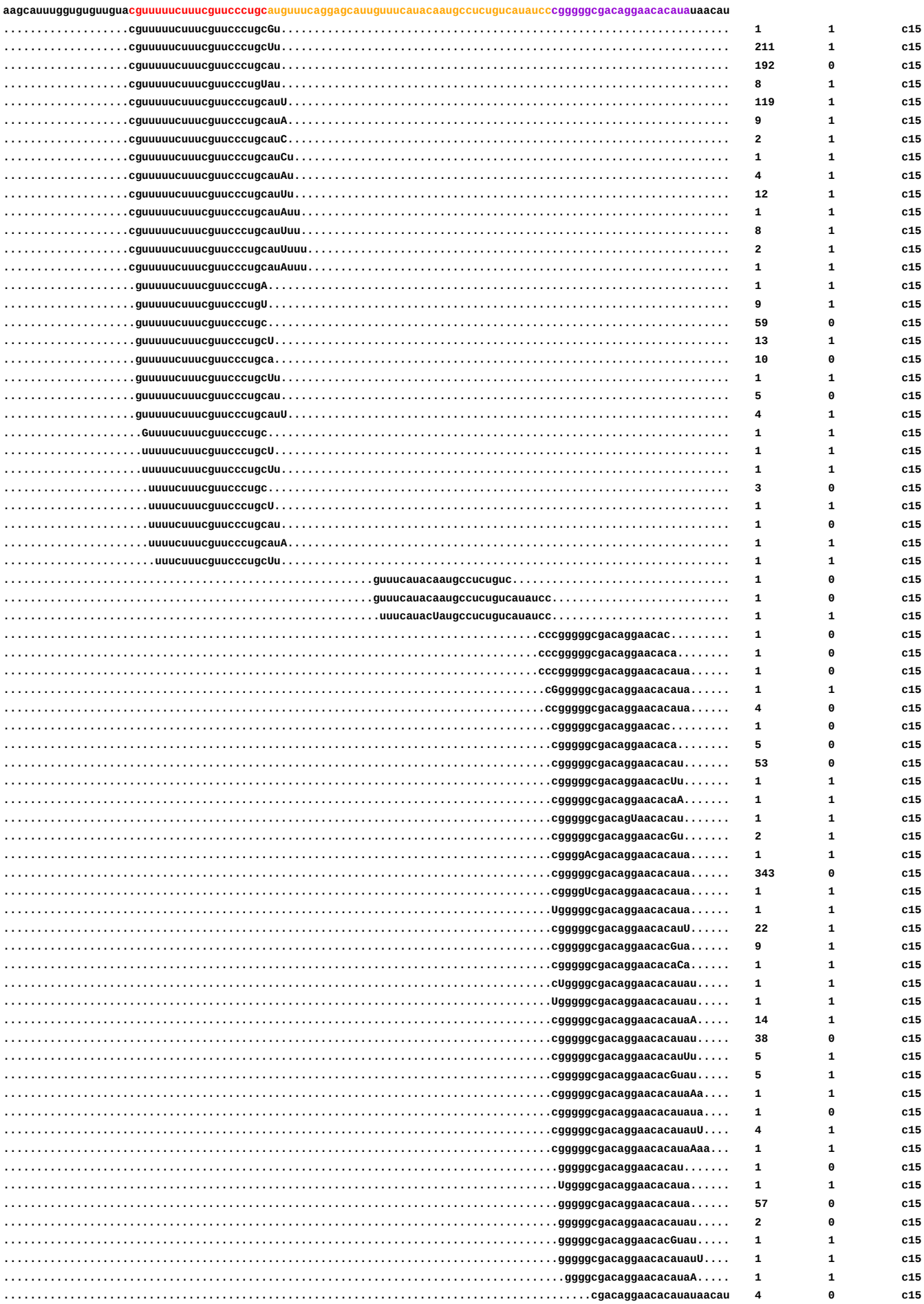
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.....cgggggcgacaggaacacauU..... 22 1 c15
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.....cgggggcgacaggaacacaCa..... 1 1 c15
.....cUggggcgacaggaacacauau..... 1 1 c15
.....Uggggcgacaggaacacauau..... 1 1 c15
.....cgggggcgacaggaacacauaA..... 14 1 c15
.....cgggggcgacaggaacacauau..... 38 0 c15
.....cgggggcgacaggaacacauUu..... 5 1 c15
.....cgggggcgacaggaacacGuau..... 5 1 c15
.....cgggggcgacaggaacacauaAa.... 1 1 c15
.....cgggggcgacaggaacacauaua.... 1 0 c15
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.....cgggggcgacaggaacacauaAaa... 1 1 c15
.....ggggcgacaggaacacau..... 1 0 c15
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.....ggggcgacaggaacacGuau..... 1 1 c15
.....ggggcgacaggaacacauauU.... 1 1 c15
.....ggggcgacaggaacacauaA..... 1 1 c15
.....cgacaggaacacauauaacau 4 0 c15

.....cguuuuucuuucguucccug.....	1	0	c09
.....cguuuuucuuucguucccugc.....	4	0	c09
.....cguuuuucuuucguucccugca.....	1	0	c09
.....cguuuuucuuucguucccugc.....	1	0	c04
.....acguuuuucuuucguucccug.....	1	0	c16
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.....cguuuuAcuuucguucccugc.....	1	1	c16
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.....cCuuuuucuuucguucccugc.....	1	1	c16
.....cguuuuucuuuAguucccugc.....	1	1	c16
.....cguAuuucuuucguucccugc.....	1	1	c16
.....cguuuuucuuucguucccugG.....	1	1	c16
.....cguuuuucuuucguuAccugc.....	1	1	c16
.....cguuuuucuuucgAucccugc.....	1	1	c16
.....cguuuuucuuucguucccugU.....	116	1	c16
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.....cguuuuucuuucguAcccugca.....	1	1	c16
.....cguuuuucuuuAguucccugca.....	1	1	c16
.....cguuuuucuuucguucccugcaC.....	3	1	c16
.....cguuuuucuuucguucccugcUu.....	9	1	c16
.....cguuuuucuuucguucccugcaA.....	2	1	c16
.....cguuuuucuAucguucccugcau.....	1	1	c16
.....cguuuuucuuucguucccugcau.....	21	0	c16
.....cguuuuucuuucguucccugcauU.....	4	1	c16
.....cguuuuucuuucguucccugcauA.....	2	1	c16
.....cguuuuucuuucguucccugcauUuuu.....	1	1	c16
.....guuuuucuuucguucccugc.....	3	0	c16
.....guuuuucuuucguucccugcU.....	2	1	c16
.....guuuuucuuucguucccugca.....	1	0	c16
.....uuuuucuuucguucccugc.....	2	0	c16
.....Guuucuuucguucccugc.....	1	1	c16
.....uuuucuuucguucccugc.....	24	0	c16
.....uuuucuuucguucccugU.....	5	1	c16
.....uuuucuuucguucccugcU.....	3	1	c16
.....uuuucuuucguucccugca.....	8	0	c16
.....uuuucuuucguucccugcau.....	2	0	c16
.....uuuucuuucguucccugcUu.....	1	1	c16
.....uuuucuuucguucccugcauU.....	1	1	c16
.....uuucuuucguucccugcU.....	1	1	c16
.....cgggggcgacaggaacac.....	1	0	c16
.....cgggggcgacaggaacacau.....	1	0	c16

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Score total	:	46113.3
Score for star read(s)	:	3.9
Score for read counts	:	46103.1
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
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Mature read count	:	90117
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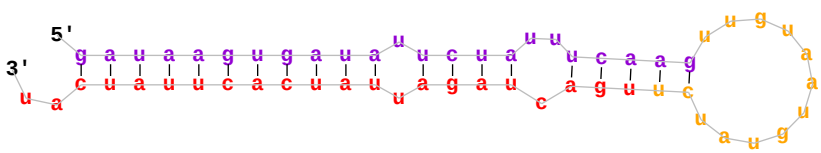

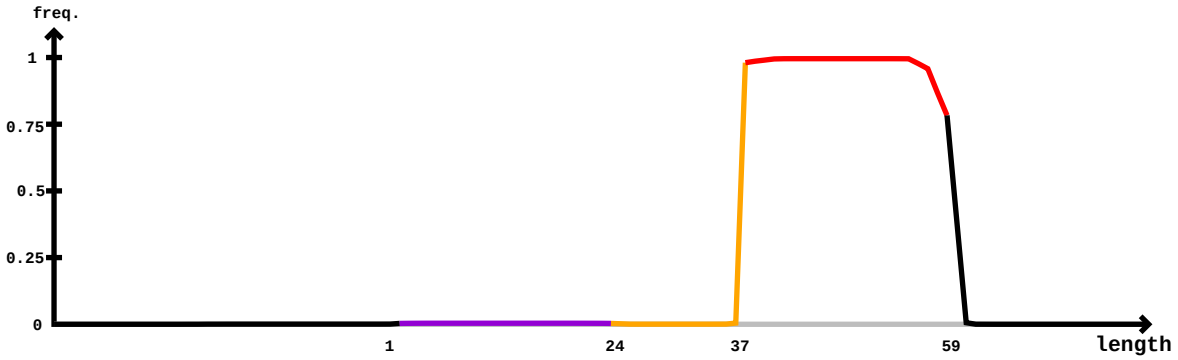

Star **Mature**

```
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    cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucuugacuagauuaucacuuaucaucugcggucggcuuuucgcgc        exp
    .....((((........))))(((((.((.((((.((((((((((((.((((..(((((...........)))))..))))..)))))))))))).))))..))..))))........  reads      mm         sample
    ....acugcaugcacaaguagagccuccacggaa.....................................................................................  1          0          c15
    ..........gcacaaguagagccuccacggaa.....................................................................................  1          0          c15
    ............cacaaguagagccuccacggaa.....................................................................................  3          0          c15
    ............acaaguagagccuccacggaa.....................................................................................  4          0          c15
    ..............caaguagagccuccacgg.....................................................................................  1          0          c15
    ..............caaguagagccuccacggaa.....................................................................................  22         0          c15
    ..............aaguagagccuccacggaa.....................................................................................  2          0          c15
    ...............aguagagccuccacggaa.....................................................................................  1          0          c15
    ............................aagauaagugauauucuauuuca.....................................................................  1          0          c15
    ............................agauaagugauauucuauuuca.....................................................................  1          0          c15
    ...............................gauaagugauauucuauuu.....................................................................  1          0          c15
    ...............................gauaagugauauucuauuuc.....................................................................  2          0          c15
    ...............................gauaagugauauucuauuuca.....................................................................  5          0          c15
    ...............................gauaagugauauucuauuucaa.....................................................................  18         0          c15
    ...............................gauaagugauauucuauuucaaA.....................................................................  2          1          c15
    ...............................gauaagugauauucuauuucaag.....................................................................  118        0          c15
    ...............................gauaagugauauucuauuucaagu.....................................................................  1          0          c15
    ...............................gauaagugauauucuauuucaagA.....................................................................  1          1          c15
    ................................auaagugauauucuauuucaa.....................................................................  1          0          c15
    ................................auaagugauauucuauuucaag.....................................................................  3          0          c15
    ................................auaagugauauucuauuucaagu.....................................................................  1          0          c15
    .................................uaagugauauucuauuucaa.....................................................................  1          0          c15
    .................................uaagugauauucuauuucaag.....................................................................  3          0          c15
    .................................uaagugauauucuauuucaagu.....................................................................  2          0          c15
    .................................uaagugauauucuauuucaaguu.....................................................................  2          0          c15
    .................................uaagugauauucuauuucaaguuU.....................................................................  1          1          c15
    .................................uaagugauauucuauuucaaguuguaauguauU.....................................................................  1          1          c15
    ..................................aagugauauucuauuucaaguugu.....................................................................  1          0          c15
    ..............................................uauuucaaguuguaauguaucu.....................................................................  1          0          c15
    ..............................................uuucaaguuguaauguaucuuU.....................................................................  1          1          c15
    ....................................................................ucuugacuagauuaucacuuau.....................................  1          0          c15
    ....................................................................ucuugacuagauuaucacuuauca.....................................  2          0          c15
    ....................................................................cuugacuagauuaucacuuau.....................................  3          0          c15
```

Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucuugacuagauuaucacuuaucaucugcggucggcuuuucgcgc

.....cuugacuagauuaucacuuauc.....	2	0	c15
.....cuugacuagauuaucaAuuauc.....	1	1	c15
.....Cugacuagauuaucacuu.....	1	1	c15
.....uugacuagauuaucacuu.....	1	0	c15
.....uugacuagauuaucacuuau.....	2	0	c15
.....uugacuagauuaucacuuauc.....	16	0	c15
.....uugacAagauuaucacuuauc.....	1	1	c15
.....Cugacuagauuaucacuuauc.....	2	1	c15
.....uugacuagauuaucacuuauca.....	5	0	c15
.....uugacuagauuaucacuuaucau.....	14	0	c15
.....Cugacuagauuaucacuuaucau.....	6	1	c15
.....uugacuagauuaucacuuaucaC.....	1	1	c15
.....uugacuagauuaucacuuaucauU.....	1	1	c15
.....ugacuagauuaucacuua.....	212	0	c15
.....ugacuagauuaucacCua.....	1	1	c15
.....ugacuagauuaucacuGa.....	1	1	c15
.....ugacuagauuaucacuuU.....	1	1	c15
.....ugacuagauuaucacuuaA.....	1	1	c15
.....ugacuagauuaucacuuUu.....	1	1	c15
.....uAacuagauuaucacuuau.....	1	1	c15
.....ugacuagauuaucacuuau.....	199	0	c15
.....Cgacuagauuaucacuuauc.....	1	1	c15
.....ugacuagauuaucUcuuauc.....	1	1	c15
.....ugacuagauuaucacuuauc.....	449	0	c15
.....uCacuagauuaucacuuauca.....	1	1	c15
.....ugacuagauuaucacuuaucU.....	1	1	c15
.....ugacuagauuaucacuuauUa.....	3	1	c15
.....ugacuagauuaucacuuauca.....	157	0	c15
.....Cgacuagauuaucacuuauca.....	1	1	c15
.....Agacuagauuaucacuuauca.....	1	1	c15
.....ugacuagauuaucacuuaucG.....	1	1	c15
.....ugUcuagauuaucacuuaucau.....	3	1	c15
.....uUacuagauuaucacuuaucau.....	3	1	c15
.....ugacuagauuaucacuuCucau.....	2	1	c15
.....ugacuagauuaucacuCaucau.....	2	1	c15
.....Cgacuagauuaucacuuaucau.....	7	1	c15
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.....ugacuagauuaucGcuuaucau.....	4	1	c15
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.....ugacuagauuaucacCuaucau.....	3	1	c15
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.....ugacuagauuaCcacuuaucau.....	2	1	c15
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.....ugacuaCauuaucacuuaucau.....	1	1	c15
.....ugacuagauuaucacuuaucaG.....	5	1	c15
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.....ugacuagUuuaucacuuaucau.....	3	1	c15
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.....ugacuagauuaucacuuauUau.....	37	1	c15
.....ugacuagauuaucacuuaucaC.....	528	1	c15
.....ugacuagauuUucacuuaucau.....	1	1	c15
.....ugacuagauuaucUcuuaucau.....	1	1	c15

Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuucgcgc

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.....ugaGuagauuaucacuuaucau.....	4	1	c15
.....ugacuagauuaucacuGaucau.....	1	1	c15
.....ugGcuagauuaucacuuaucau.....	3	1	c15
.....ugacuagauuaucacuuUucau.....	1	1	c15
.....ugacuagauuauUacuuaucau.....	9	1	c15
.....ugacuagauuauAacuuaucau.....	3	1	c15
.....ugacuagauuaGcacuuaucau.....	1	1	c15
.....ugacuagauuaucacuuaucau.....	11932	0	c15
.....ugacuagaAuaucacuuaucau.....	1	1	c15
.....ugacuagauuaucaUuuaucau.....	3	1	c15
.....ugacuagauuaucacuuauAau.....	8	1	c15
.....ugacuagauuaucacuuaucUu.....	3	1	c15
.....ugacuagauuaucacuuauGau.....	8	1	c15
.....ugacuagauuaucacuuaucauA.....	64	1	c15
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.....ugacuagauuaucacuuaucauc.....	74	0	c15
.....ugacuagauuaucacuuaucauU.....	1293	1	c15
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.....gacuagauuaucacuuaucauU.....	16	1	c15
.....gacuagauuaucacuuaucauA.....	6	1	c15
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.....uagauuaucacuuaucau.....	5	0	c15
.....uagauuaucacuuaucauU.....	1	1	c15
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.....agauaagugauauucuauuucaag.....	1	0	c02
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.....ugacAagauuaucacuuau.....	1	1	c02
.....ugacuagauuaucacuuGu.....	1	1	c02
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Star Mature

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.....ugacuagUuuaucacuuau.....	2	1	c02
.....Agacuagauuaucacuuau.....	1	1	c02
.....ugacuagauuaucacuuaC.....	1	1	c02
.....Ggacuagauuaucacuuauc.....	34	1	c02
.....ugacuagauuaucUcuuauc.....	1	1	c02
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.....Ggacuagauuaucacuuauca.....	37	1	c02
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.....uUacuagauuaucacuuauca.....	1	1	c02
.....ugacuagauuaucacuuaucC.....	1	1	c02
.....Agacuagauuaucacuuauca.....	2	1	c02
.....ugacuagauuaucacCuauca.....	1	1	c02
.....ugacuagauuaucCcuuaucau.....	7	1	c02
.....ugacuagauuaucaUuuaucau.....	3	1	c02
.....ugacuagauuaucGcuuaucau.....	1	1	c02
.....ugacuagauuaCcacuuaucau.....	1	1	c02
.....ugacuagauuaucacuCaucau.....	1	1	c02
.....ugacuagauAaucacuuaucau.....	1	1	c02
.....ugaGuagauuaucacuuaucau.....	1	1	c02
.....uAacuagauuaucacuuaucau.....	1	1	c02
.....ugacuaCauuaucacuuaucau.....	1	1	c02
.....ugacuagauuaucacuuaGcau.....	1	1	c02
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.....uCacuagauuaucacuuaucau.....	4	1	c02
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.....ugacuagauuauAacuuaucau.....	5	1	c02
.....ugacuagauuaucacuuauAau.....	7	1	c02
.....ugacuagauuaucacuuaucCu.....	1	1	c02
.....ugacuagaCuaucacuuaucau.....	1	1	c02
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.....ugacuagauuaucacuuaucUu.....	1	1	c02
.....ugacuagauuaucacGuaucau.....	1	1	c02
.....ugacuagauuaucacuuaucGu.....	1	1	c02
.....Cgacuagauuaucacuuaucau.....	2	1	c02
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.....ugacuagauuaucaAuuaucau.....	1	1	c02
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.....ugacuagauuaucacuuauGau.....	1	1	c02
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.....ugacuagauuaucacuuaucauA.....	3	1	c02
.....ugacuagauuaucacuuaucauc.....	6	0	c02
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.....ugacuagauuaucacuuaucauU.....	256	1	c02
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.....ugacuagauuaucacuuaucaucu.....	1	0	c02
.....gacuagauuaucacuuau.....	2	0	c02
.....gacuagauuaucacuuauc.....	2	0	c02
.....Uacuagauuaucacuuaucau.....	1	1	c02

Star Mature

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.....gacuagauuaucUcuuaucauc.....	1	1	c02
.....gacuagauuaucacuuaucauc.....	5	0	c02
.....gacuagauuaucacuuaucauU.....	18	1	c02
.....gacuagauuaucacuuaucauUu.....	1	1	c02
.....acuagauuaucacuuauc.....	2	0	c02
.....Ccuagauuaucacuuaucau.....	1	1	c02
.....acuagauuaucacuuaucaA.....	1	1	c02
.....acuagauuaucacuuaucau.....	3	0	c02
.....acuagauuaucacuuaucaC.....	1	1	c02
.....acuagauuaucacuuaucauU.....	16	1	c02
.....Ccuagauuaucacuuaucauc.....	1	1	c02
.....acuagauuaucacuuaucauUu.....	19	1	c02
.....acuagauuaucacuuaucauAu.....	1	1	c02
.....acuagauuaucacuuaucaucC.....	1	1	c02
.....cuagauuaucacuuauca.....	26	0	c02
.....cuagauuaucacuuaucau.....	38	0	c02
.....cuagauuaucacuuaucauA.....	1	1	c02
.....cuagauuaucacuuaucauU.....	3	1	c02
.....uagauuaucacuuaucau.....	6	0	c02
.....agauaagugauauucuauuucaag.....	1	0	c09
.....gauaagugauauucuauuuca.....	1	0	c09
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.....gauaagugauauucuauuucaag.....	10	0	c09
.....gauaagugauauucuauuucaaguuguaauguaucu.....	3	0	c09
.....auaagugauauucuauuucaagu.....	2	0	c09
.....uaagugauauucuauuucaag.....	1	0	c09
.....aguuguaauguaucuugacuaga.....	1	0	c09
.....Cugacuagauuaucacuu.....	2	1	c09
.....uugacuagauuaucacuu.....	1	0	c09
.....Cugacuagauuaucacuuau.....	1	1	c09
.....Cugacuagauuaucacuuauc.....	1	1	c09
.....uugacuagauuaucacuuauca.....	10	0	c09
.....Augacuagauuaucacuuauca.....	1	1	c09
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.....ugacuagauuaucacuuG.....	2	1	c09
.....ugaUuagauuaucacuua.....	1	1	c09
.....ugacuagauuaucacuuC.....	2	1	c09
.....Agacuagauuaucacuua.....	2	1	c09
.....ugacuagauuaucacuuU.....	4	1	c09
.....ugacuagauuaGcacuuau.....	1	1	c09
.....Agacuagauuaucacuuau.....	2	1	c09
.....Ggacuagauuaucacuuau.....	12	1	c09
.....ugacuagauuaucacuuau.....	153	0	c09
.....ugacuagauuaucacuGau.....	1	1	c09
.....ugacuagaGuaucacuuau.....	1	1	c09
.....ugacuagauuaucacuuCu.....	1	1	c09
.....ugacuagauuaucacuuauG.....	1	1	c09
.....ugGcuagauuaucacuuauc.....	1	1	c09
.....ugacuagauuaucacuuauU.....	2	1	c09
.....Ggacuagauuaucacuuauc.....	38	1	c09
.....ugacuagauuaAcacuuauc.....	1	1	c09
.....ugacuagauuaucacuuauA.....	1	1	c09
.....ugacuagauuaucCcuuauc.....	3	1	c09
.....ugacuagUuuaucacuuauc.....	1	1	c09
.....ugacuagauCaucacuuauc.....	1	1	c09
.....ugacuagauuaucacuuauc.....	606	0	c09
.....ugacuagauuaucacuuaucU.....	4	1	c09
.....Ggacuagauuaucacuuauca.....	37	1	c09
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.....ugacuagauuaucacuuauca.....	660	0	c09
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.....ugacuagauuaucaGuuauca.....	1	1	c09

Star Mature

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.....ugacuagauuaucacuuaucC.....	10	1	c09
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.....ugacuagauuaucCcuuauca.....	1	1	c09
.....Agacuagauuaucacuuauca.....	2	1	c09
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.....ugacuagauuaucacuCauca.....	1	1	c09
.....uUacuagauuaucacuuauca.....	2	1	c09
.....ugacuagauuaucacuuaCca.....	2	1	c09
.....ugacuagauuaucacuuaucaA.....	2	1	c09
.....ugacuagauuaucacuuaucaG.....	1	1	c09
.....ugacuagauGaucacuuaucau.....	1	1	c09
.....ugacuagauuaucacuuaucaC.....	22	1	c09
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.....ugacuagauuaucacuuaucau.....	2277	0	c09
.....ugacuagauuaucacuuaAcau.....	1	1	c09
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.....ugacuagauuaucacuuauAau.....	7	1	c09
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.....ugacuagauuaucacuuaucCu.....	2	1	c09
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.....ugacuagauuaucacuuauUau.....	1	1	c09
.....ugacuagauuaucacuCaucau.....	1	1	c09
.....Agacuagauuaucacuuaucau.....	11	1	c09
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.....ugCcuagauuaucacuuaucau.....	1	1	c09
.....ugacuagauuaucacuuaGcau.....	1	1	c09
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.....ugacuagauAaucacuuaucau.....	1	1	c09
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.....ugacuagaCuaucacuuaucau.....	1	1	c09
.....ugacuagauuaucacuuaucaAc.....	1	1	c09
.....ugacuagauuaucacuuaucauG.....	15	1	c09
.....ugacuagauuaucacuuaucauU.....	195	1	c09
.....ugaAuagauuaucacuuaucauc.....	1	1	c09
.....ugacuagauuaucacuuaucauA.....	11	1	c09
.....ugacuagauuaucacuuaucUuc.....	1	1	c09
.....ugacuagauuaucacuuaucaCc.....	2	1	c09
.....ugacuagauuaucacuuaucCuc.....	1	1	c09
.....ugacuagauuaucacuuaucauc.....	19	0	c09
.....ugacuagauuaucacuuaucaGc.....	1	1	c09
.....Ggacuagauuaucacuuaucauc.....	1	1	c09
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.....ugacuagauuaucacuuaucaucugcC.....	1	1	c09
.....gacuagauuaucacuuau.....	2	0	c09
.....gacuagauuaucacuuauc.....	2	0	c09
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.....Uacuagauuaucacuuauca.....	1	1	c09
.....gacuagauuaucacuuauAau.....	1	1	c09
.....Uacuagauuaucacuuaucau.....	1	1	c09
.....gGcuagauuaucacuuaucau.....	1	1	c09
.....gacuagauuaucacuuaucau.....	6	0	c09
.....gacuagauuaucacuuaucauA.....	1	1	c09
.....gacuagauuaucacuuaucauU.....	7	1	c09
.....gacuagauuaucacuuaucauAu.....	1	1	c09
.....gacuagauuaucacuuaucaucu.....	1	0	c09
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.....acuagauuaucacuuaucau.....	1	0	c09
.....acuagauuaucacuuaucauU.....	5	1	c09

Star Mature

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                                                                 aUuagauuaucacuuaucaucu      2   1   c09
                                                                 cuagauuaucacuuauca          11  0   c09
                                                                 cuagauuaucacuuaucau         49  0   c09
                                                                 cuagauuaucacuuaucauc        1   0   c09
                                                                 cuagauuaucacuuaucauUu       1   1   c09
                                                                 uagauuaucacuuaucau          14  0   c09
                                                                 uagauuaucacuuaucauUu        1   1   c09
                                                                 auuaucacuuaucaucuUc         1   1   c09

                                aagauaagugauauucuauuuc                                       1   0   c04
                                gauaagugauauucuauu                                           1   0   c04
                                gaAaagugauauucuauuucaag                                      1   1   c04
                                gauaagugauauucuauuucaag                                      12  0   c04
                                gauaagugauauucuauuucaaguug                                   1   0   c04
                                gauaagugauauucuauuucaaguuguaauguaucu                         1   0   c04
                                Gaagugauauucuauuucaaguu                                      1   1   c04
                                uaagugauauucuauuucaaguugua                                   1   0   c04
                                                                 uugacuagauuaucacuu          2   0   c04
                                                                 uugacuagauuaucacuua         1   0   c04
                                                                 Cugacuagauuaucacuuau        1   1   c04
                                                                 uugacuagauuaucacuuau        1   0   c04
                                                                 Cugacuagauuaucacuuauc       1   1   c04
                                                                 uugacuagauuaucacuuauc       2   0   c04
                                                                 uugacuagauuaucacuuauca      1   0   c04
                                                                 uAgacuagauuaucacuuauca      1   1   c04
                                                                 Cugacuagauuaucacuuauca      1   1   c04
                                                                 Cugacuagauuaucacuuaucau     2   1   c04
                                                                 uugacuagauuaucacuuaucau     5   0   c04
                                                                 Ggacuagauuaucacuua          4   1   c04
                                                                 ugacuagauuaucacuuC          3   1   c04
                                                                 ugacuagauuaucacuuG          1   1   c04
                                                                 ugacuagauuaucacuua          163 0   c04
                                                                 ugacuagauuaucacuAa          1   1   c04
                                                                 ugacuagauuaucacuuU          5   1   c04
                                                                 ugacuagauuaucacuuaC         1   1   c04
                                                                 ugacuagauuaucacuuaG         2   1   c04
                                                                 ugacuagauuauUacuuau         1   1   c04
                                                                 ugacuagauuaucacuuaA         1   1   c04
                                                                 Ggacuagauuaucacuuau         7   1   c04
                                                                 ugacuagauuaucacuuau         99  0   c04
                                                                 ugacuagauuaucacuuUu         1   1   c04
                                                                 ugacuagauuaucacuuGu         1   1   c04
                                                                 ugacuagauuaucacuuauc        359 0   c04
                                                                 ugaGuagauuaucacuuauc        1   1   c04
                                                                 Ggacuagauuaucacuuauc        22  1   c04
                                                                 ugacuagauuaucacuuauU        3   1   c04
                                                                 ugacuagauuaucCcuuauc        1   1   c04
                                                                 ugacuagauuaucacuuCuc        1   1   c04
                                                                 ugacuagauuaucacuCauc        1   1   c04
                                                                 ugacuagauuGucacuuauc        1   1   c04
                                                                 ugacuaUauuaucacuuauc        1   1   c04
                                                                 ugacuagauuaucacuuaGc        1   1   c04
                                                                 ugacuagauuaucacuuauA        1   1   c04
                                                                 ugacuagaGuaucacuuauc        1   1   c04
                                                                 uUacuagauuaucacuuauc        1   1   c04
                                                                 ugacuagauuaucacAuauc        1   1   c04
                                                                 ugacuagaAuaucacuuauc        1   1   c04
                                                                 ugacuagauAaucacuuauc        1   1   c04
                                                                 ugacuagauuauAacuuauc        1   1   c04
                                                                 ugacuagauuaucacuuaucG       1   1   c04
                                                                 Agacuagauuaucacuuauca       1   1   c04
                                                                 ugacuagauuaucacuuaucC       4   1   c04
                                                                 ugacuagauuaucacuuaucU       2   1   c04
                                                                 Ggacuagauuaucacuuauca       6   1   c04
                                                                 ugacuagauuaucacuuauca       143 0   c04
                                                                 ugacuagauuaucCcuuaucau      2   1   c04
                                                                 ugacuagauuaucacuuauAau      3   1   c04
                                                                 ugacuagauuaucacuuaucaC      40  1   c04
                                                                 Agacuagauuaucacuuaucau      11  1   c04
```

Star Mature

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.....ugacuagauuaucacuuauUau.....	2	1	c04
.....ugacuagauuaucacuuaGcau.....	1	1	c04
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.....uCacuagauuaucacuuaucau.....	2	1	c04
.....ugacuaUauuaucacuuaucau.....	2	1	c04
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.....ugacuagauuaucacuuaucaA.....	3	1	c04
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.....cuagauuaucacuuaucau.....	10	0	c04
.....cuagauuaucacuuaucauU.....	1	1	c04
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.....gauaagugauauucuauuu.....	2	0	c16
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Star Mature

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.....gauaagugauauucuauuucaaguuguaauguaucu.....	16	0	c16
.....Cauaagugauauucuauuucaaguuguaauguaucu.....	1	1	c16
.....gauaagugauauucuauuucaaguuguaauguaAcu.....	1	1	c16
.....Cuaagugauauucuauuuca.....	2	1	c16
.....auaagugauauucuauuuca.....	1	0	c16
.....auaagugauauucuauuucaa.....	2	0	c16
.....auaagugauauucuauuucaag.....	16	0	c16
.....auaagugauauucuauuucaagu.....	2	0	c16
.....uaagugauauucuauuuca.....	1	0	c16
.....uaagugauauucuauuucaa.....	2	0	c16
.....Gaagugauauucuauuucaa.....	1	1	c16
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.....ucuugacuagauuaucacuu.....	1	0	c16
.....ucuugacuagauuaucacuuau.....	1	0	c16
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.....uUuugacuagauuaucacuuauca.....	1	1	c16
.....ucCugacuagauuaucacuuaucau.....	1	1	c16
.....cuugacuagauuaucacuuau.....	2	0	c16
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.....uugacuagauuaucacuu.....	8	0	c16
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.....uugacuagauuaucacuua.....	8	0	c16
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.....uugacuagauuaucacuuau.....	8	0	c16
.....Cugacuagauuaucacuuau.....	4	1	c16
.....Gugacuagauuaucacuuauc.....	1	1	c16
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.....uuCacuagauuaucacuuauc.....	1	1	c16
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.....Gugacuagauuaucacuuauca.....	4	1	c16
.....uugacuagauuaucacuuauGa.....	1	1	c16
.....uugacuagauuaucacuuaucau.....	82	0	c16
.....Gugacuagauuaucacuuaucau.....	8	1	c16
.....Augacuagauuaucacuuaucau.....	2	1	c16
.....uugacuaCauuaucacuuaucau.....	1	1	c16
.....Cugacuagauuaucacuuaucau.....	16	1	c16
.....uugacuagaGuaucacuuaucau.....	1	1	c16
.....uugacuagauuaucacuuaucauc.....	1	0	c16
.....ugacuaCauuaucacuua.....	1	1	c16
.....ugacuagauuaucacuuG.....	8	1	c16
.....ugacuagauuaucacuua.....	846	0	c16
.....Ggacuagauuaucacuua.....	86	1	c16
.....ugacAagauuaucacuua.....	1	1	c16
.....ugaAuagauuaucacuua.....	1	1	c16
.....ugacuagauuaucacuCa.....	2	1	c16
.....ugacuagauuauUacuua.....	1	1	c16
.....ugacuagauuaucacuAa.....	1	1	c16
.....ugaUuagauuaucacuua.....	1	1	c16
.....ugacuagauuaucacuuU.....	19	1	c16
.....Agacuagauuaucacuua.....	3	1	c16

Star Mature

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.....ugacuagauuaucacAua.....	1	1	c16
.....ugacuagauuaucacuuC.....	7	1	c16
.....ugacuagauuaucCcuuau.....	3	1	c16
.....ugacuagauuCucacuuau.....	1	1	c16
.....ugacuagauuaucacuuUu.....	3	1	c16
.....ugacuagauAaucacuuau.....	1	1	c16
.....Ggacuagauuaucacuuau.....	84	1	c16
.....ugacuagauuaucacuuaA.....	2	1	c16
.....ugacuagauuaucacuuau.....	1030	0	c16
.....ugacuGgauuaucacuuau.....	1	1	c16
.....uCacuagauuaucacuuau.....	2	1	c16
.....ugacuagauuauAacuuau.....	3	1	c16
.....ugacuagauuaucacuCau.....	1	1	c16
.....ugCcuagauuaucacuuau.....	2	1	c16
.....uUacuagauuaucacuuau.....	1	1	c16
.....ugGcuagauuaucacuuau.....	1	1	c16
.....ugacuUgauuaucacuuau.....	1	1	c16
.....ugacuagauuaucacuuaC.....	4	1	c16
.....ugacuagauCaucacuuau.....	1	1	c16
.....ugacuagauuaucacuuaG.....	2	1	c16
.....ugacuaCauuaucacuuauc.....	2	1	c16
.....ugacuagaGuaucacuuauc.....	4	1	c16
.....ugacuagCuuaucacuuauc.....	3	1	c16
.....ugacuagauCaucacuuauc.....	1	1	c16
.....ugacuagaCuaucacuuauc.....	1	1	c16
.....ugacuagauuaCcacuuauc.....	2	1	c16
.....ugCcuagauuaucacuuauc.....	6	1	c16
.....ugacuUgauuaucacuuauc.....	1	1	c16
.....ugacuagauuaucacCuauc.....	3	1	c16
.....ugacuagauuaucacuuauc.....	5472	0	c16
.....ugacuagauuaucacuuauG.....	5	1	c16
.....ugacuagauuaucCcuuauc.....	9	1	c16
.....ugacuagauuaucacuuauU.....	8	1	c16
.....ugacuagauuaucacuuaCc.....	5	1	c16
.....ugacuagauuauAacuuauc.....	4	1	c16
.....ugacuagauuaAcacuuauc.....	1	1	c16
.....ugacuagauuaucaAuuauc.....	8	1	c16
.....ugacuagauuaucacuCauc.....	4	1	c16
.....uCacuagauuaucacuuauc.....	4	1	c16
.....ugacuagauuaucacuuauA.....	15	1	c16
.....ugacuagauuauGacuuauc.....	1	1	c16
.....ugacuagaAuaucacuuauc.....	3	1	c16
.....ugacCagauuaucacuuauc.....	1	1	c16
.....ugacuagGuuaucacuuauc.....	1	1	c16
.....ugaAuagauuaucacuuauc.....	8	1	c16
.....ugacuagauuaucacuAauc.....	2	1	c16
.....ugacuagauAaucacuuauc.....	1	1	c16
.....ugaGuagauuaucacuuauc.....	2	1	c16
.....Cgacuagauuaucacuuauc.....	5	1	c16
.....ugacuGgauuaucacuuauc.....	1	1	c16
.....ugacuagauuaucacuuGuc.....	1	1	c16
.....ugacuagauuaucacuuaAc.....	1	1	c16
.....ugacAagauuaucacuuauc.....	2	1	c16
.....ugacuagauGaucacuuauc.....	1	1	c16
.....uAacuagauuaucacuuauc.....	1	1	c16
.....ugacuagauuauUacuuauc.....	2	1	c16
.....ugacGagauuaucacuuauc.....	1	1	c16
.....Ggacuagauuaucacuuauc.....	487	1	c16
.....ugacuaUauuaucacuuauc.....	1	1	c16
.....ugGcuagauuaucacuuauc.....	1	1	c16
.....Agacuagauuaucacuuauc.....	20	1	c16
.....ugacuagauuaucacAuauc.....	4	1	c16
.....ugacuagauuaucacGuauc.....	2	1	c16
.....ugacuagauAaucacuuauca.....	2	1	c16
.....ugacuagauuGucacuuauca.....	1	1	c16
.....Ggacuagauuaucacuuauca.....	530	1	c16
.....Cgacuagauuaucacuuauca.....	4	1	c16
.....ugUcuagauuaucacuuauca.....	1	1	c16
.....ugacuagauuaucacuuauca.....	5446	0	c16
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Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuucgcgc

.....ugacuagauuaucCcuuauca.....	8	1	c16
.....ugacuagauuaucacuuaucC.....	21	1	c16
.....ugacuagauuaucacuuaucU.....	7	1	c16
.....ugacuagaGuaucacuuauca.....	4	1	c16
.....ugaAuagauuaucacuuauca.....	6	1	c16
.....ugacuaCauuaucacuuauca.....	3	1	c16
.....ugacGagauuaucacuuauca.....	1	1	c16
.....ugacuaUauuaucacuuauca.....	2	1	c16
.....ugacuagauuaucGcuuauca.....	1	1	c16
.....ugacuagauuaucaAuuauca.....	4	1	c16
.....ugCcuagauuaucacuuauca.....	6	1	c16
.....ugacuagauuauAacuuauca.....	2	1	c16
.....ugacuagauuaGcacuuauca.....	1	1	c16
.....ugacuagauuaucacuuaAca.....	2	1	c16
.....ugacuagauuaucacuuauUa.....	7	1	c16
.....ugacuagauuaucacuuaucG.....	8	1	c16
.....ugacuagauuaucacuuauAa.....	12	1	c16
.....uCacuagauuaucacuuauca.....	1	1	c16
.....ugacuagauuaCcacuuauca.....	1	1	c16
.....ugacuagauuaucacAuauca.....	2	1	c16
.....Agacuagauuaucacuuauca.....	24	1	c16
.....ugacuagauuaucacCuauca.....	1	1	c16
.....ugacuGgauuaucacuuauca.....	1	1	c16
.....ugacAagauuaucacuuauca.....	5	1	c16
.....ugacuagauuaucUcuuauca.....	1	1	c16
.....ugacuagauuUucacuuauca.....	1	1	c16
.....ugacuagauuaucacuCauca.....	5	1	c16
.....ugacuagauuaucacuuaCca.....	1	1	c16
.....ugacuagGuuaucacuuauca.....	1	1	c16
.....ugacuagauuaucacuuauGa.....	1	1	c16
.....uUacuagauuaucacuuauca.....	10	1	c16
.....ugacuagauuaucaGuuauca.....	1	1	c16
.....ugacuagauuaucacuAauca.....	5	1	c16
.....ugaUuagauuaucacuuauca.....	1	1	c16
.....ugacuagauuaAcacuuauca.....	5	1	c16
.....ugacCagauuaucacuuauca.....	2	1	c16
.....ugacuagauuaucacuuGucau.....	6	1	c16
.....ugacuagauuaucacGuaucau.....	11	1	c16
.....ugacuagauuaucacuAaucau.....	6	1	c16
.....ugCcuagauuaucacuuaucau.....	34	1	c16
.....ugacuagauuaucGcuuaucau.....	10	1	c16
.....ugacAagauuaucacuuaucau.....	13	1	c16
.....ugacuagauuaucacuuauUau.....	25	1	c16
.....ugacuaUauuaucacuuaucau.....	9	1	c16
.....ugacuUgauuaucacuuaucau.....	4	1	c16
.....ugacuagauuauAacuuaucau.....	37	1	c16
.....Agacuagauuaucacuuaucau.....	179	1	c16
.....ugacuaCauuaucacuuaucau.....	16	1	c16
.....ugacuagauuaucCcuuaucau.....	72	1	c16
.....ugacuagauCaucacuuaucau.....	7	1	c16
.....ugacuagauuaucacuuUucau.....	4	1	c16
.....ugacuagauuauGacuuaucau.....	9	1	c16
.....ugacuagauuaucUcuuaucau.....	9	1	c16
.....ugacuaAauuaucacuuaucau.....	3	1	c16
.....uAacuagauuaucacuuaucau.....	10	1	c16
.....ugacuagauuaucacuuaGcau.....	9	1	c16
.....ugacuagauAaucacuuaucau.....	18	1	c16
.....ugaAuagauuaucacuuaucau.....	56	1	c16
.....ugacuagaGuaucacuuaucau.....	16	1	c16
.....ugacuagauuaucacuuaAcau.....	12	1	c16
.....ugacuagaCuaucacuuaucau.....	4	1	c16
.....ugacuagauuaucacuuaucUu.....	7	1	c16
.....Cgacuagauuaucacuuaucau.....	25	1	c16
.....uCacuagauuaucacuuaucau.....	41	1	c16
.....ugacuagauuaucacuCaucau.....	17	1	c16
.....uUacuagauuaucacuuaucau.....	20	1	c16
.....ugacuagauuaucacuGaucau.....	10	1	c16
.....ugacuagauuaucacuuaucau.....	37522	0	c16
.....ugacuagauuaucacuuaucGu.....	6	1	c16
.....ugaGuagauuaucacuuaucau.....	5	1	c16

Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuucgcgc

.....ugacuagauGaucacuuaucau.....	5	1	c16
.....ugacuagauuUucacuuaucau.....	6	1	c16
.....ugGcuagauuaucacuuaucau.....	4	1	c16
.....ugacuagauuaucacuuaCcau.....	11	1	c16
.....ugacuGgauuaucacuuaucau.....	4	1	c16
.....ugacuagaAuaucacuuaucau.....	10	1	c16
.....ugacuagauuaucaUuuaucau.....	3	1	c16
.....ugacuagauuaucacuuCucau.....	7	1	c16
.....ugacCagauuaucacuuaucau.....	7	1	c16
.....ugacuagauuaucaGuuaucau.....	10	1	c16
.....ugacuagCuuaucacuuaucau.....	11	1	c16
.....ugacuagUuuaucacuuaucau.....	1	1	c16
.....ugacuagauuaucacuuauAau.....	82	1	c16
.....ugacuagauuaucacuuaucCu.....	12	1	c16
.....ugacuagauuaucacAuaucau.....	24	1	c16
.....ugacuagauuaCcacuuaucau.....	6	1	c16
.....ugacuagauuaucacuuaUGau.....	10	1	c16
.....ugacuagGuuaucacuuaucau.....	2	1	c16
.....ugacuagauuaucaAuuaucau.....	40	1	c16
.....ugacuagauuaucacuuaucaA.....	32	1	c16
.....ugacuagauuaucacCuaucau.....	11	1	c16
.....ugacuagauuaAcacuuaucau.....	9	1	c16
.....ugacuagauuCucacuuaucau.....	3	1	c16
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.....ugacuagauuGucacuuaucau.....	7	1	c16
.....ugacuagauuaucacuuaucaC.....	285	1	c16
.....ugacuagauuaGcacuuaucau.....	6	1	c16
.....Ggacuagauuaucacuuaucau.....	3713	1	c16
.....ugacuagauuaucacuuaucaG.....	11	1	c16
.....ugUcuagauuaucacuuaucau.....	8	1	c16
.....ugacuagauuauUacuuaucau.....	11	1	c16
.....ugaUuagauuaucacuuaucau.....	14	1	c16
.....ugacuagauuaucacuuaucaCc.....	10	1	c16
.....ugacuagauuaucacuuaucGuc.....	3	1	c16
.....ugacuagauuaucacuuaucauA.....	215	1	c16
.....ugacuagauuaucacuuaucCuc.....	1	1	c16
.....ugacuagauuaucacuuaucauc.....	194	0	c16
.....ugacuagauuaucacuuaucauG.....	60	1	c16
.....Ggacuagauuaucacuuaucauc.....	14	1	c16
.....ugacuagauuaucacuuaucauU.....	3588	1	c16
.....ugacuagauuaucacuuaucaUGu.....	2	1	c16
.....uCacuagauuaucacuuaucaucu.....	1	1	c16
.....ugacuagauuaucacuuaucaGcu.....	1	1	c16
.....ugacuagauuaucacuuaucaucu.....	23	0	c16
.....Ggacuagauuaucacuuaucaucu.....	2	1	c16
.....ugacuagauuaucacuuaucauAu.....	16	1	c16
.....ugacuagauuaucacuuaucauUu.....	214	1	c16
.....ugacuagauuaucacuuaucaucA.....	5	1	c16
.....ugacuagauuaucacuuaucaucuU.....	2	1	c16
.....ugacuagauuaucacuuaucaucug.....	4	0	c16
.....ugacuagauuaucacuuaucaucuC.....	1	1	c16
.....ugacuagauuaucacuuaucaucugc.....	1	0	c16
.....ugacuagauuaucacuuaucaucuCc.....	1	1	c16
.....gCcuagauuaucacuuau.....	1	1	c16
.....gacuaUauuaucacuuau.....	1	1	c16
.....gacuagauuaucacuuau.....	1	0	c16
.....Uacuagauuaucacuuauc.....	1	1	c16
.....gacuagauuaucacuuauc.....	17	0	c16
.....gacuagauuaucacAuauc.....	1	1	c16
.....gacuagauuaucacuuauA.....	2	1	c16
.....gacuagauuaucacuuauca.....	9	0	c16
.....gacuagauuauAacuuauca.....	1	1	c16
.....gaAuagauuaucacuuaucau.....	1	1	c16
.....Uacuagauuaucacuuaucau.....	2	1	c16
.....gacuagauuaucacuuauAau.....	1	1	c16
.....gacuaCauuaucacuuaucau.....	1	1	c16
.....gacuagauuaucacuuaucaC.....	2	1	c16
.....Aacuagauuaucacuuaucau.....	1	1	c16
.....gCcuagauuaucacuuaucau.....	1	1	c16
.....gacuagauuauGacuuaucau.....	1	1	c16

Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuucgcgc

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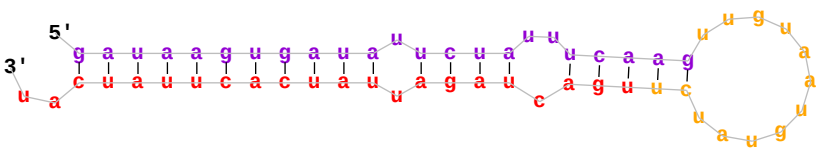
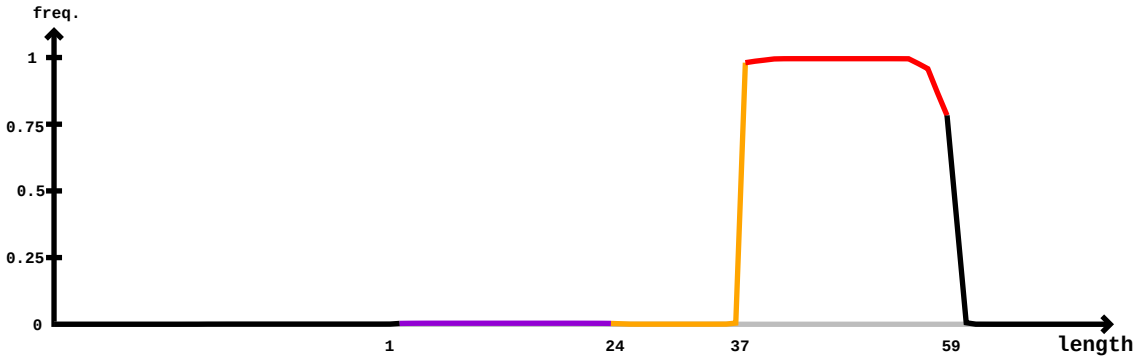
.....gacuagauuaucCcuuaucau.....	1	1	c16
.....gacuagauuaucacuuaucauc.....	9	0	c16
.....gacuagauuaucacuuaucauA.....	3	1	c16
.....gacuagauuaucacuuaucauG.....	1	1	c16
.....gacuagauuaucacuuaucauU.....	172	1	c16
.....gacuagauuaucacuuaucauUu.....	4	1	c16
.....Ccuagauuaucacuuauc.....	2	1	c16
.....acuagauuaucacuuauc.....	9	0	c16
.....Ccuagauuaucacuuauca.....	2	1	c16
.....acuagauuaucacuuauca.....	7	0	c16
.....aAuagauuaucacuuaucau.....	2	1	c16
.....acuagauuaucacuuaucaC.....	8	1	c16
.....Gcuagauuaucacuuaucau.....	1	1	c16
.....aUuagauuaucacuuaucau.....	1	1	c16
.....Ccuagauuaucacuuaucau.....	15	1	c16
.....acuagauuaucacuuaucau.....	110	0	c16
.....acuagauuaucacuuaucauG.....	1	1	c16
.....acuagauuaucacuuaucauc.....	3	0	c16
.....acuagauuaucacuuaucauU.....	85	1	c16
.....acuagauuaucacuuaucaucA.....	6	1	c16
.....acuagauuaucacuuaucauUu.....	40	1	c16
.....acuagauuaucacuuaucaucu.....	4	0	c16
.....acuaCauuaucacuuaucaucu.....	1	1	c16
.....Ccuagauuaucacuuaucaucu.....	1	1	c16
.....acuagauuaucacuuaucauAu.....	2	1	c16
.....cuaCauuaucacuuauca.....	1	1	c16
.....cuagauuaucacuuauca.....	29	0	c16
.....Auagauuaucacuuaucau.....	1	1	c16
.....cuagauuaucacuuaucaA.....	1	1	c16
.....cuagauuaucacuuaucau.....	193	0	c16
.....cuagauuaucacuuaucauU.....	20	1	c16
.....cuagauuaucacuuaucauc.....	1	0	c16
.....cuagauuaucacuuaucauUu.....	1	1	c16
.....cuagauuaucacuuaucaucuC.....	1	1	c16
.....uagauuaucCcuuaucau.....	1	1	c16
.....Gagauuaucacuuaucau.....	4	1	c16
.....uagauuaucacuuaucau.....	32	0	c16
.....uagauuaucacuuaucauA.....	1	1	c16
.....uagauuaucacuuaucauU.....	4	1	c16
.....agauuaucacuuaucauU.....	4	1	c16

Provisional ID	:	tig00000410_group12_38487
Score total	:	46113.3
Score for star read(s)	:	3.9
Score for read counts	:	46103.1
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	90441
Mature read count	:	90117
Loop read count	:	0
Star read count	:	324





Star **Mature**

```
5'- cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucuugacuagauuaucacuuaucaucugcggucggcuuuuc  -3'   obs
    cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucuugacuagauuaucacuuaucaucugcggucggcuuuuc        exp
    .....((((........))))(((((.((.((((.((((((((((((.((((..(((((...........)))))..))))..)))))))))))).))))..))..))))....  reads      mm          sample
    ................................agauaagugauauucuauuucaag.....................................................  1          0           c09
    ................................gauaagugauauucuauuuca.......................................................  1          0           c09
    ................................gauaagugauauucuauuucaa......................................................  2          0           c09
    ................................gauaagugauauucuauuucaag.....................................................  10         0           c09
    ................................gauaagugauauucuauuucaaguuguaauguaucu........................................  3          0           c09
    ................................auaagugauauucuauuucaagu.....................................................  2          0           c09
    ................................uaagugauauucuauuucaag.......................................................  1          0           c09
    ....................................................aguuguaauguaucuugacuaga.................................  1          0           c09
    ..................................................................uugacuagauuaucacuu.....................  1          0           c09
    ..................................................................Cugacuagauuaucacuu.....................  2          1           c09
    ..................................................................Cugacuagauuaucacuuau...................  1          1           c09
    ..................................................................Cugacuagauuaucacuuauc..................  1          1           c09
    ..................................................................uugacuagauuaucacuuauca.................  10         0           c09
    ..................................................................Augacuagauuaucacuuauca.................  1          1           c09
    ..................................................................uugacuagauuaucacuuaucau................  6          0           c09
    ..................................................................Cugacuagauuaucacuuaucau................  1          1           c09
    ..................................................................ugacuaUauuaucacuua.....................  1          1           c09
    ..................................................................ugaUuagauuaucacuua.....................  1          1           c09
    ..................................................................ugacuagauuaucacuuC.....................  2          1           c09
    ..................................................................ugacuagauuaucacuuU.....................  4          1           c09
    ..................................................................ugacuagauuaucacuuG.....................  2          1           c09
    ..................................................................ugacuagauuaucacuua.....................  114        0           c09
    ..................................................................Agacuagauuaucacuua.....................  2          1           c09
    ..................................................................Ggacuagauuaucacuua.....................  10         1           c09
    ..................................................................Agacuagauuaucacuuau....................  2          1           c09
    ..................................................................Ggacuagauuaucacuuau....................  12         1           c09
    ..................................................................ugacuagaGuaucacuuau....................  1          1           c09
    ..................................................................ugacuagauuaucacuGau....................  1          1           c09
    ..................................................................ugacuagauuaucacuuCu....................  1          1           c09
    ..................................................................ugacuagauuaGcacuuau....................  1          1           c09
    ..................................................................ugacuagauuaucacuuau....................  153        0           c09
    ..................................................................ugacuagauuaucCcuuauc...................  3          1           c09
    ..................................................................ugacuagauuaucacuuauA...................  1          1           c09
```

Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuuc

.....ugacuagauuaucacuuauU.....	2	1	c09
.....ugacuagauuaAcacuuauc.....	1	1	c09
.....ugacuagauuaucacuuauc.....	606	0	c09
.....Ggacuagauuaucacuuauc.....	38	1	c09
.....ugacuagUuuaucacuuauc.....	1	1	c09
.....ugacuagauCaucacuuauc.....	1	1	c09
.....ugGcuagauuaucacuuauc.....	1	1	c09
.....ugacuagauuaucacuuauG.....	1	1	c09
.....Ggacuagauuaucacuuauca.....	37	1	c09
.....ugacuagauuaucaGuuauca.....	1	1	c09
.....ugacuagauuaucacuuaAca.....	1	1	c09
.....ugacuagauuaucacuCauca.....	1	1	c09
.....ugacuagauuaucacuuaucU.....	4	1	c09
.....ugacuagauuaucacuuauca.....	660	0	c09
.....ugacuagauuaucacuuaucG.....	2	1	c09
.....ugacuagauuaucacuuauAa.....	1	1	c09
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.....ugacuagauuaucacuuaCca.....	2	1	c09
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.....ugacuagauuaucacuuaucC.....	10	1	c09
.....ugCcuagauuaucacuuauca.....	1	1	c09
.....ugacuagauAaucacuuaucau.....	1	1	c09
.....ugacuagauuauAacuuaucau.....	2	1	c09
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.....ugacuagaAuaucacuuaucau.....	2	1	c09
.....ugacuagauCaucacuuaucau.....	1	1	c09
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.....ugacuagauuaucacuuaGcau.....	1	1	c09
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.....ugacuagauuaucacuuaAcau.....	1	1	c09
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.....ugCcuagauuaucacuuaucau.....	1	1	c09
.....ugacuagauuauUacuuaucau.....	7	1	c09
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.....uUacuagauuaucacuuaucau.....	1	1	c09
.....ugacuagauuaucacuuauAau.....	7	1	c09
.....Agacuagauuaucacuuaucau.....	11	1	c09
.....ugacuagauuaucacuCaucau.....	1	1	c09
.....ugacuagauuaucacuuaucaG.....	1	1	c09
.....ugacuagauuaucacuAaucau.....	1	1	c09
.....ugacuagauuaucacuuaucCu.....	2	1	c09
.....ugaAuagauuaucacuuaucau.....	2	1	c09
.....ugacuagaCuaucacuuaucau.....	1	1	c09
.....ugacuagauuaucacuuaucUuc.....	1	1	c09
.....ugacuagauuaucacuuaucaCc.....	2	1	c09
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.....ugacuagauuaucacuuaucauU.....	195	1	c09
.....ugacuagauuaucacuuaucauG.....	15	1	c09
.....ugacuagauuaucacuuaucCuc.....	1	1	c09
.....ugacuagauuaucacuuaucaAc.....	1	1	c09
.....ugacuagauuaucacuuaucauA.....	11	1	c09
.....Ggacuagauuaucacuuaucauc.....	1	1	c09
.....ugacuagauuaucacuuaucaGc.....	1	1	c09
.....ugaAuagauuaucacuuaucauc.....	1	1	c09
.....ugacuagauuaucacuuaucauUu.....	10	1	c09
.....ugacuagauuaucacuuaucauGu.....	1	1	c09
.....ugacuagauuaucacuuaucaucug.....	1	0	c09
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Star Mature

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.....Uacuagauuaucacuuaucau.....	1	1	c09
.....gacuagauuaucacuuauAau.....	1	1	c09
.....gGcuagauuaucacuuaucau.....	1	1	c09
.....gacuagauuaucacuuaucau.....	6	0	c09
.....gacuagauuaucacuuaucauU.....	7	1	c09
.....gacuagauuaucacuuaucauA.....	1	1	c09
.....gacuagauuaucacuuaucauAu.....	1	1	c09
.....gacuagauuaucacuuaucaucu.....	1	0	c09
.....acuagauuaucacuuauc.....	2	0	c09
.....acuagauuaucacuuauca.....	1	0	c09
.....acuagauuaucacuuaucau.....	1	0	c09
.....acuagauuaucacuuaucauU.....	5	1	c09
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.....uagauuaucacuuaucauUu.....	1	1	c09
.....auuaucacuuaucaucuUc.....	1	1	c09
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.....Gaagugauauucuauuucaaguu.....	1	1	c04
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.....Cugacuagauuaucacuuauca.....	1	1	c04
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.....ugacuagauuaucacuuU.....	5	1	c04
.....Ggacuagauuaucacuua.....	4	1	c04
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.....ugacuagauuaucacuuaA.....	1	1	c04
.....ugacuagauuaucacuuGu.....	1	1	c04
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.....ugacuaUauuaucacuuauc.....	1	1	c04
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Star Mature

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.....ugacuagauuaucacuCauc.....	1	1	c04
.....ugacuagauuaucacuuauU.....	3	1	c04
.....ugacuagauuGucacuuauc.....	1	1	c04
.....ugacuagauuaucacuuauc.....	359	0	c04
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.....Ggacuagauuaucacuuauca.....	6	1	c04
.....ugacuagauuaucacuuaucU.....	2	1	c04
.....Agacuagauuaucacuuauca.....	1	1	c04
.....ugacuagauuaucacuuaucC.....	4	1	c04
.....ugacuagauuaucacuuaucG.....	1	1	c04
.....ugacuagauuaucacuuauca.....	143	0	c04
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.....ugacuagauuaucacuCaucau.....	1	1	c04
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.....ugacuagauuaucCcuuaucau.....	2	1	c04
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.....Agacuagauuaucacuuaucau.....	11	1	c04
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.....ugUcuagauuaucacuuaucau.....	1	1	c04
.....ugacuagauuUucacuuaucau.....	1	1	c04
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.....ugacuagauuaucacuAaucau.....	1	1	c04
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.....ugacuagauuaucacuuaucaCc.....	4	1	c04
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.....ugacuagauuaucacuuaucauGu.....	1	1	c04
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.....acuagauuaucacuuauc.....	2	0	c04
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.....cuagauuaucacuuaucau.....	10	0	c04
.....cuagauuaucacuuaucauU.....	1	1	c04
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Star Mature

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................aguagagccuccacggaa	1	0	c16
..............................aagauaagugauauucuauuuc	2	0	c16
..............................agauaagugauauucuauuuc	2	0	c16
..............................gauaagugauauucuauu	4	0	c16
..............................gauaagugauauucuauuu	2	0	c16
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..............................gauaagugauauucuauuucaa	2	0	c16
..............................Cauaagugauauucuauuucaag	1	1	c16
..............................gauaagugauAucuauuucaag	1	1	c16
..............................gauaagugauauAcuauuucaag	1	1	c16
..............................Uauaagugauauucuauuucaag	1	1	c16
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..............................gauaagugauauucuauuucaagu	1	0	c16
..............................gauaagugauauucuauuucaaguu	1	0	c16
..............................gauaagugauauucuauuucaaguuguaaug	1	0	c16
..............................gauaagugauauucuauuucaaguuguaauguau	1	0	c16
..............................Cauaagugauauucuauuucaaguuguaauguaucu	1	1	c16
..............................gauaagugauauucuauuucaaguuguaauguaAcu	1	1	c16
..............................gauaagugauauucuauuucaaguuguaauguaucu	16	0	c16
..............................auaagugauauucuauuuca	1	0	c16
..............................Cuaagugauauucuauuuca	2	1	c16
..............................auaagugauauucuauuucaa	2	0	c16
..............................auaagugauauucuauuucaag	16	0	c16
..............................auaagugauauucuauuucaagu	2	0	c16
..............................uaagugauauucuauuuca	1	0	c16
..............................Gaagugauauucuauuucaa	1	1	c16
..............................uaagugauauucuauuucaa	2	0	c16
..............................uaagugauauucuauuucaag	3	0	c16
..............................Gaagugauauucuauuucaag	1	1	c16
..............................uaagugauauucuauuucaaA	1	1	c16
..............................uaagugauauucuauuucaagu	1	0	c16
..............................uaagugauauucuauuucaaguu	1	0	c16
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..............................uuucaaguuguGauguaucu	1	1	c16
..............................uuucaaguuguaauguaucu	1	0	c16
..............................ucaaguuguaauguaucu	2	0	c16
..............................uguaauguaucuugacuagauuauc	1	0	c16
..............................aGcuugacuagauuaucac	1	1	c16
..............................aucuugacuagauuaucacu	1	0	c16
..............................Gucuugacuagauuaucacu	1	1	c16
..............................aucuugacuagauuaucacuuaucaC	1	1	c16
..............................ucuugacuagauuaucacuu	1	0	c16
..............................ucuugacuagauuaucacuuau	1	0	c16
..............................Gcuugacuagauuaucacuuauc	1	1	c16
..............................uUuugacuagauuaucacuuauca	1	1	c16
..............................ucCugacuagauuaucacuuaucau	1	1	c16
..............................cuugacuagauuaucacuuau	2	0	c16
..............................Uuugacuagauuaucacuuauca	1	1	c16
..............................cuugacuagauuaucacuuaucaC	1	1	c16
..............................Cugacuagauuaucacuu	3	1	c16
..............................uugacuagauuaucacuu	8	0	c16
..............................Gugacuagauuaucacuua	1	1	c16
..............................Cugacuagauuaucacuua	1	1	c16
..............................uugacuagauuaucacuua	8	0	c16
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..............................uugacuagauuaucacuuau	8	0	c16
..............................Cugacuagauuaucacuuau	4	1	c16
..............................uuCacuagauuaucacuuauc	1	1	c16
..............................Gugacuagauuaucacuuauc	1	1	c16
..............................Cugacuagauuaucacuuauc	11	1	c16
..............................uugacuagauuaucacuuauc	27	0	c16
..............................uugacuagauuaucacuuauca	54	0	c16
..............................Gugacuagauuaucacuuauca	4	1	c16
..............................uugacuagauuaucacuuauGa	1	1	c16
..............................uugacuagauuauAacuuauca	1	1	c16
..............................uugacuagaGuaucacuuaucau	1	1	c16
..............................Augacuagauuaucacuuaucau	2	1	c16
..............................uugacuaCauuaucacuuaucau	1	1	c16

Star Mature

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.....ugacuagauuaucacuuG.....	8	1	c16
.....ugaUuagauuaucacuua.....	1	1	c16
.....ugacuagauuaucacuuC.....	7	1	c16
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.....ugacuagauuaucacuua.....	846	0	c16
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.....ugacAagauuaucacuua.....	1	1	c16
.....Agacuagauuaucacuua.....	3	1	c16
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.....ugacuagauuaucacuuU.....	19	1	c16
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.....ugacuagauAaucacuuau.....	1	1	c16
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.....ugacuagauuaucacuuUu.....	3	1	c16
.....ugacuagauuCucacuuau.....	1	1	c16
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.....ugCcuagauuaucacuuauc.....	6	1	c16
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.....ugGcuagauuaucacuuauc.....	1	1	c16
.....ugaAuagauuaucacuuauc.....	8	1	c16
.....ugacuagauuaucacAuauc.....	4	1	c16

Star Mature

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.....ugacuagauuaucacuuauc.....	5472	0	c16
.....ugacuagauGaucacuuauc.....	1	1	c16
.....ugacuUgauuaucacuuauc.....	1	1	c16
.....ugacuagauAaucacuuauc.....	1	1	c16
.....ugacuagauuaucacuCauc.....	4	1	c16
.....ugacuagaGuaucacuuauc.....	4	1	c16
.....ugacuaCauuaucacuuauc.....	2	1	c16
.....ugacuagauuaucacuAauca.....	5	1	c16
.....ugacuagauuaucaGuuauca.....	1	1	c16
.....ugacuagauuaucacAuauca.....	2	1	c16
.....ugacuagauuaucacuuauAa.....	12	1	c16
.....Ggacuagauuaucacuuauca.....	530	1	c16
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.....Cgacuagauuaucacuuauca.....	4	1	c16
.....ugacuagauuaucacuuauGa.....	1	1	c16
.....ugacuagauuaucacuuauca.....	5446	0	c16
.....ugUcuagauuaucacuuauca.....	1	1	c16
.....ugacuagauuaucacuuaucU.....	7	1	c16
.....ugCcuagauuaucacuuauca.....	6	1	c16
.....ugacuagauuauAacuuauca.....	2	1	c16
.....ugacuagGuuaucacuuauca.....	1	1	c16
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.....ugaUuagauuaucacuuauca.....	1	1	c16
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.....ugacuagauuaucCcuuauca.....	8	1	c16
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.....ugacGagauuaucacuuauca.....	1	1	c16
.....ugacuagauuaucacuuaucG.....	8	1	c16
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.....ugacuagauuaucacuuauUa.....	7	1	c16
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.....ugacuGgauuaucacuuauca.....	1	1	c16
.....ugacuagauuaucacuCauca.....	5	1	c16
.....ugacuaUauuaucacuuauca.....	2	1	c16
.....ugacuagauuaCcacuuauca.....	1	1	c16
.....ugacuagauuaAcacuuauca.....	5	1	c16
.....ugacAagauuaucacuuauca.....	5	1	c16
.....ugaAuagauuaucacuuauca.....	6	1	c16
.....ugacuagauuaucGcuuauca.....	1	1	c16
.....uUacuagauuaucacuuauca.....	10	1	c16
.....ugacuagauuaucacuuaCca.....	1	1	c16
.....ugacCagauuaucacuuauca.....	2	1	c16
.....Agacuagauuaucacuuauca.....	24	1	c16
.....ugacuagauuUucacuuauca.....	1	1	c16
.....uCacuagauuaucacuuauca.....	1	1	c16
.....ugacuagaAuaucacuuauca.....	1	1	c16
.....ugacuagauuaucUcuuauca.....	1	1	c16
.....ugacuagauAaucacuuauca.....	2	1	c16
.....ugacuagauuaucacuuaucC.....	21	1	c16
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.....ugacuagauuaucUcuuaucau.....	9	1	c16
.....ugacuagauuaucacuuGucau.....	6	1	c16
.....uUacuagauuaucacuuaucau.....	20	1	c16
.....ugacuUgauuaucacuuaucau.....	4	1	c16
.....ugacuagauuaucacuCaucau.....	17	1	c16
.....ugCcuagauuaucacuuaucau.....	34	1	c16
.....ugaGuagauuaucacuuaucau.....	5	1	c16
.....ugacuaAauuaucacuuaucau.....	3	1	c16
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.....ugacuagauuaucacuAaucau.....	6	1	c16
.....ugacuagauuaucacuuaucaA.....	32	1	c16
.....ugacuagauuCucacuuaucau.....	3	1	c16
.....ugaUuagauuaucacuuaucau.....	14	1	c16
.....ugacuagauuaucacGuaucau.....	11	1	c16
.....ugacuagCuuaucacuuaucau.....	11	1	c16

Star Mature

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.....ugacuagauuaucacuuaucCu.....	12	1	c16
.....ugacuaUauuaucacuuaucau.....	9	1	c16
.....ugacuagGuuaucacuuaucau.....	2	1	c16
.....ugacuagaCuaucacuuaucau.....	4	1	c16
.....uAacuagauuaucacuuaucau.....	10	1	c16
.....ugacuagauuaucacuuaucau.....	37522	0	c16
.....ugacuagauuaucacAuaucau.....	24	1	c16
.....ugacuagauuGucacuuaucau.....	7	1	c16
.....Cgacuagauuaucacuuaucau.....	25	1	c16
.....ugacGagauuaucacuuaucau.....	9	1	c16
.....ugacuagauuaucacuuauUau.....	25	1	c16
.....ugacuagaGuaucacuuaucau.....	16	1	c16
.....Ggacuagauuaucacuuaucau.....	3713	1	c16
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.....ugacuagauuaCcacuuaucau.....	6	1	c16
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.....ugacuaCauuaucacuuaucau.....	16	1	c16
.....ugaAuagauuaucacuuaucau.....	56	1	c16
.....ugacuagauuUucacuuaucau.....	6	1	c16
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.....ugacuagauuauGacuuaucau.....	9	1	c16
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.....ugacuagauuaucacuuaucaC.....	285	1	c16
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.....ugacAagauuaucacuuaucau.....	13	1	c16
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.....Agacuagauuaucacuuaucau.....	179	1	c16
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.....ugacuagauuauUacuuaucau.....	11	1	c16
.....ugacuagauuaucaUuuaucau.....	3	1	c16
.....ugacuagauuaucacuuaucGu.....	6	1	c16
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.....ugacuagauuaucCcuuaucau.....	72	1	c16
.....ugacuagauuaucacuuaCcau.....	11	1	c16
.....ugacuagauuaGcacuuaucau.....	6	1	c16
.....ugacuagauAaucacuuaucau.....	18	1	c16
.....ugacuagUuuaucacuuaucau.....	1	1	c16
.....ugacuagauuaucacuGaucau.....	10	1	c16
.....ugacCagauuaucacuuaucau.....	7	1	c16
.....ugacuagauuaucacuuauAau.....	82	1	c16
.....ugacuagauuaucacuuUucau.....	4	1	c16
.....ugacuagauuaucaAuuaucau.....	40	1	c16
.....uCacuagauuaucacuuaucau.....	41	1	c16
.....ugacuagauuaucacuuaucauG.....	60	1	c16
.....ugacuagauuaucacuuaucGuc.....	3	1	c16
.....ugacuagauuaucacuuaucauc.....	194	0	c16
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.....ugacuagauuaucacuuaucaCc.....	10	1	c16
.....ugacuagauuaucacuuaucauA.....	215	1	c16
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.....Ggacuagauuaucacuuaucauc.....	14	1	c16
.....ugacuagauuaucacuuaucaucu.....	23	0	c16
.....uCacuagauuaucacuuaucaucu.....	1	1	c16
.....ugacuagauuaucacuuaucauAu.....	16	1	c16
.....ugacuagauuaucacuuaucauGu.....	2	1	c16
.....Ggacuagauuaucacuuaucaucu.....	2	1	c16
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.....ugacuagauuaucacuuaucaGcu.....	1	1	c16
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.....ugacuagauuaucacuuaucaucug.....	4	0	c16
.....ugacuagauuaucacuuaucaucuU.....	2	1	c16
.....ugacuagauuaucacuuaucaucuC.....	1	1	c16
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Star Mature

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.....gacuagauuaucacuuauc.....	17	0	c16
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.....gacuagauuaucacAuauc.....	1	1	c16
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.....gacuagauuaucacuuauAau.....	1	1	c16
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.....gCcuagauuaucacuuaucau.....	1	1	c16
.....gacuagauuauGacuuaucau.....	1	1	c16
.....gacuagauuaucacuuaucaC.....	2	1	c16
.....Uacuagauuaucacuuaucau.....	2	1	c16
.....gaAuagauuaucacuuaucau.....	1	1	c16
.....gacuaCauuaucacuuaucau.....	1	1	c16
.....Aacuagauuaucacuuaucau.....	1	1	c16
.....gacuagauuaucacuuaucauU.....	172	1	c16
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.....gacuagauuaucacuuaucauc.....	9	0	c16
.....gacuagauuaucacuuaucauUu.....	4	1	c16
.....acuagauuaucacuuauc.....	9	0	c16
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.....acuagauuaucacuuauca.....	7	0	c16
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.....acuagauuaucacuuaucauU.....	85	1	c16
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.....acuagauuaucacuuaucauAu.....	2	1	c16
.....acuagauuaucacuuaucauUu.....	40	1	c16
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.....Ccuagauuaucacuuaucaucu.....	1	1	c16
.....acuaCauuaucacuuaucaucu.....	1	1	c16
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.....cuagauuaucacuuaucau.....	193	0	c16
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.....cuagauuaucacuuaucauU.....	20	1	c16
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.....cuagauuaucacuuaucaucuC.....	1	1	c16
.....uagauuaucCcuuaucau.....	1	1	c16
.....Gagauuaucacuuaucau.....	4	1	c16
.....uagauuaucacuuaucau.....	32	0	c16
.....uagauuaucacuuaucauA.....	1	1	c16
.....uagauuaucacuuaucauU.....	4	1	c16
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.....agauaagugauauucuauuucaag.....	1	0	c02
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.....Gcuugacuagauuaucacu.....	1	1	c02
.....uugacuagauuaucacuu.....	1	0	c02
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Star Mature

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.....Gugacuagauuaucacuuauca.....	1	1	c02
.....uugacuagauuaucacuuaucau.....	1	0	c02
.....uugacuagauuaucacuuaucaC.....	1	1	c02
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.....Agacuagauuaucacuua.....	1	1	c02
.....ugacuagauuaucacuuU.....	1	1	c02
.....ugaAuagauuaucacuua.....	1	1	c02
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.....ugacuagUuuaucacuuau.....	2	1	c02
.....ugacuagauuaucacuuaC.....	1	1	c02
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.....Agacuagauuaucacuuau.....	1	1	c02
.....ugacuagauuaucUcuuauc.....	1	1	c02
.....ugacuagauuaucacuuauc.....	346	0	c02
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.....Agacuagauuaucacuuauca.....	2	1	c02
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.....ugacuagauuaCcacuuaucau.....	1	1	c02
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.....ugacuagaGuaucacuuaucau.....	2	1	c02
.....ugacAagauuaucacuuaucau.....	3	1	c02
.....Cgacuagauuaucacuuaucau.....	2	1	c02
.....ugaGuagauuaucacuuaucau.....	1	1	c02
.....ugCcuagauuaucacuuaucau.....	3	1	c02
.....Agacuagauuaucacuuaucau.....	14	1	c02
.....ugacuagauuaucacuuauUau.....	2	1	c02
.....Ggacuagauuaucacuuaucau.....	260	1	c02
.....ugacuagauuaucacuuaucau.....	2416	0	c02
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.....ugaAuagauuaucacuuaucau.....	2	1	c02
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.....ugaUuagauuaucacuuaucau.....	1	1	c02
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.....ugacuagauuaucacuuauAau.....	7	1	c02
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.....ugacuagauuaucacAuaucau.....	1	1	c02
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Star Mature

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.....ugacuagauuaucacuuaucauG.....	3	1	c02
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.....ugacuagauuaucacuuaucauA.....	3	1	c02
.....ugacuagauuaucacuuaucauUu.....	5	1	c02
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.....acuagauuaucacuuaucau.....	3	0	c02
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..............aguagagccuccacggaa.....	1	0	c15
..............................aagauaagugauauucuauuuca.....	1	0	c15
..............................agauaagugauauucuauuuca.....	1	0	c15
..............................gauaagugauauucuauuu.....	1	0	c15
..............................gauaagugauauucuauuuc.....	2	0	c15
..............................gauaagugauauucuauuuca.....	5	0	c15
..............................gauaagugauauucuauuucaa.....	18	0	c15
..............................gauaagugauauucuauuucaaA.....	2	1	c15
..............................gauaagugauauucuauuucaag.....	118	0	c15
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..............................gauaagugauauucuauuucaagu.....	1	0	c15
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..............................uaagugauauucuauuucaaguu.....	2	0	c15
..............................uaagugauauucuauuucaaguuU.....	1	1	c15
..............................uaagugauauucuauuucaaguuguaauguauU.....	1	1	c15
..............................aagugauauucuauuucaaguugu.....	1	0	c15
..............................uauuucaaguuguaauguaucu.....	1	0	c15
..............................uuucaaguuguaauguaucuuU.....	1	1	c15
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.....ucuugacuagauuaucacuuauca.....	2	0	c15
.....cuugacuagauuaucacuuau.....	3	0	c15
.....cuugacuagauuaucaAuuauc.....	1	1	c15
.....cuugacuagauuaucacuuauc.....	2	0	c15

Star Mature

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.....Cugacuagauuaucacuu.....	1	1	c15
.....uugacuagauuaucacuu.....	1	0	c15
.....uugacuagauuaucacuuau.....	2	0	c15
.....Cugacuagauuaucacuuauc.....	2	1	c15
.....uugacuagauuaucacuuauc.....	16	0	c15
.....uugacAagauuaucacuuauc.....	1	1	c15
.....uugacuagauuaucacuuauca.....	5	0	c15
.....uugacuagauuaucacuuaucau.....	14	0	c15
.....Cugacuagauuaucacuuaucau.....	6	1	c15
.....uugacuagauuaucacuuaucaC.....	1	1	c15
.....uugacuagauuaucacuuaucauU.....	1	1	c15
.....ugacuagauuaucacuGa.....	1	1	c15
.....ugacuagauuaucacCua.....	1	1	c15
.....ugacuagauuaucacuua.....	212	0	c15
.....ugacuagauuaucacuuU.....	1	1	c15
.....ugacuagauuaucacuuaA.....	1	1	c15
.....ugacuagauuaucacuuUu.....	1	1	c15
.....uAacuagauuaucacuuau.....	1	1	c15
.....ugacuagauuaucacuuau.....	199	0	c15
.....Cgacuagauuaucacuuauc.....	1	1	c15
.....ugacuagauuaucacuuauc.....	449	0	c15
.....ugacuagauuaucUcuuauc.....	1	1	c15
.....ugacuagauuaucacuuauca.....	157	0	c15
.....ugacuagauuaucacuuaucG.....	1	1	c15
.....ugacuagauuaucacuuauUa.....	3	1	c15
.....Agacuagauuaucacuuauca.....	1	1	c15
.....Cgacuagauuaucacuuauca.....	1	1	c15
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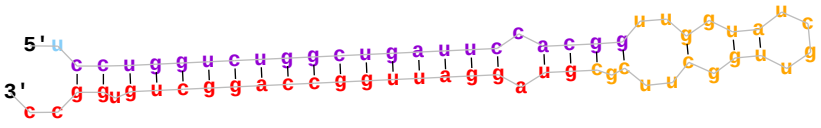
.....ugacuagauuaucacuuaucU.....	1	1	c15
.....ugacuagauuaucacuAaucau.....	2	1	c15
.....ugacuagauuaucacuuCucau.....	2	1	c15
.....ugacCagauuaucacuuaucau.....	2	1	c15
.....ugacuagauuaucacuuauGau.....	8	1	c15
.....ugaUuagauuaucacuuaucau.....	1	1	c15
.....ugacuagauuaucacuuaucUu.....	3	1	c15
.....ugaGuagauuaucacuuaucau.....	4	1	c15
.....ugacuagCuuaucacuuaucau.....	2	1	c15
.....ugacuagaAuaucacuuaucau.....	1	1	c15
.....ugacuagauuaucacuuauUau.....	37	1	c15
.....ugacuagauuaucacuGaucau.....	1	1	c15
.....ugacuagauuauGacuuaucau.....	3	1	c15
.....ugacuagGuuaucacuuaucau.....	3	1	c15
.....ugacuagauuaucacuuGucau.....	1	1	c15
.....ugacuagauuaucacuCaucau.....	2	1	c15
.....ugacuagauuaucacuuaucaG.....	5	1	c15
.....ugacuGgauuaucacuuaucau.....	9	1	c15
.....ugacuagauuaGcacuuaucau.....	1	1	c15
.....ugacuagauuauAacuuaucau.....	3	1	c15
.....ugacuagauuauUacuuaucau.....	9	1	c15
.....ugacuagauuaucacGuaucau.....	3	1	c15
.....ugacAagauuaucacuuaucau.....	2	1	c15
.....ugacuagauuaucaUuuaucau.....	3	1	c15
.....ugaAuagauuaucacuuaucau.....	1	1	c15
.....ugGcuagauuaucacuuaucau.....	3	1	c15
.....ugacuagauuaucacuuaucCu.....	6	1	c15
.....ugacuagauuUucacuuaucau.....	1	1	c15
.....ugacuagauuaucacuuaucau.....	11932	0	c15
.....ugacuagauuGucacuuaucau.....	2	1	c15
.....ugacuagauuaCcacuuaucau.....	2	1	c15
.....ugacuagauuaucacuuUucau.....	1	1	c15
.....ugacuUgauuaucacuuaucau.....	2	1	c15
.....ugacuagauuaucacuuauAau.....	8	1	c15
.....Cgacuagauuaucacuuaucau.....	7	1	c15
.....ugacuagauuaucacCuaucau.....	3	1	c15
.....ugacuagauCaucacuuaucau.....	3	1	c15
.....ugacuagauuaucacuuaucGu.....	4	1	c15
.....ugacuagauuaucacuuaAcau.....	3	1	c15
.....ugacuaCauuaucacuuaucau.....	1	1	c15
.....ugacuagauuaucGcuuaucau.....	4	1	c15
.....ugacuagauuaucUcuuaucau.....	1	1	c15

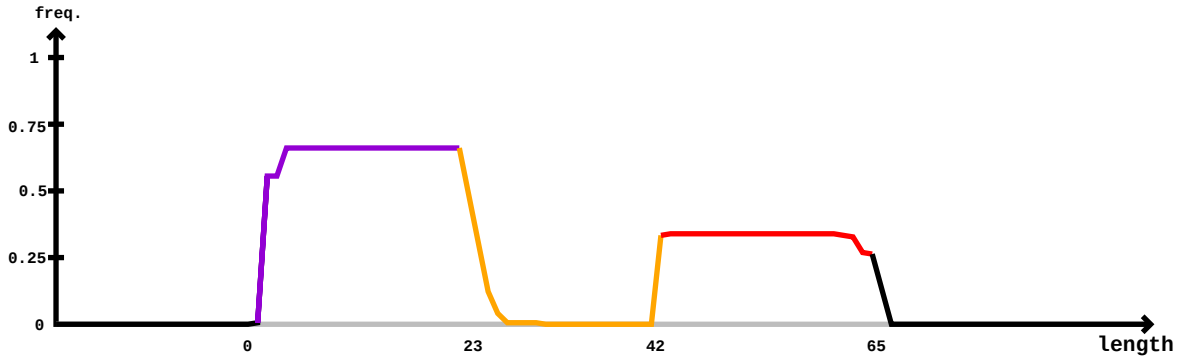
Star Mature

cugaacugcaugcacaaguagagccuccacggaagauaagugauauucuauuucaaguuguaauguaucugacuagauuaucacuuaucaucugcggucggcuuuuc

.....ugacuagauuaucacuuaCcau.....	4	1	c15
.....ugacuagauuaucacuuaucaC.....	528	1	c15
.....uUacuagauuaucacuuaucau.....	3	1	c15
.....ugacuagUuuaucacuuaucau.....	3	1	c15
.....ugacuagauuaucacuuaucaA.....	112	1	c15
.....ugacuagauuaucacAuaucau.....	3	1	c15
.....ugacuCgauuaucacuuaucau.....	1	1	c15
.....Agacuagauuaucacuuaucau.....	14	1	c15
.....ugacuagauuCucacuuaucau.....	1	1	c15
.....uAacuagauuaucacuuaucau.....	8	1	c15
.....ugacuaUauuaucacuuaucau.....	2	1	c15
.....ugUcuagauuaucacuuaucau.....	3	1	c15
.....ugacuagauuaucacuuaucauc.....	74	0	c15
.....ugacuagauuaucacuuaucauA.....	64	1	c15
.....ugacuagauuaucacuuaucaCc.....	1	1	c15
.....ugacuagauuaucacuuaucaAc.....	1	1	c15
.....ugacuagauuaucacuuaucauG.....	6	1	c15
.....ugacuagauuaucacuuaucaGc.....	1	1	c15
.....ugacuagauuaucacuuaucauU.....	1293	1	c15
.....ugacuagauuaucacuuaucaucu.....	4	0	c15
.....ugacuagauuaucacuuaucauUu.....	109	1	c15
.....ugacuagauuaucacuuaucauAu.....	1	1	c15
.....gacuagauuaucacuuauc.....	1	0	c15
.....gacuagauuaucacuuauca.....	1	0	c15
.....gacuagauuaucacuuaucau.....	53	0	c15
.....gacuagauuaucacuAaucau.....	1	1	c15
.....gacuagauuauUacuuaucau.....	1	1	c15
.....gacuagauuaucacuuaucaC.....	2	1	c15
.....gacuagauuaucacuuaucauA.....	6	1	c15
.....gacuagauuaucacuuaucauU.....	16	1	c15
.....gacuagauuaucacuuaucauUu.....	1	1	c15
.....acuagauuaucacuuaucaC.....	1	1	c15
.....acuagauuaucacuuaucau.....	2	0	c15
.....acuagauuaucacuuaucauU.....	1	1	c15
.....acuagauuaucacuuaucauc.....	1	0	c15
.....acuagauuaucacuuaucauUu.....	12	1	c15
.....cuagauuaucacuuaucau.....	6	0	c15
.....cuagauuaucacuuaucauU.....	1	1	c15
.....uagauuaucacuuaucau.....	5	0	c15
.....uagauuaucacuuaucauU.....	1	1	c15

Provisional ID	:	tig00000732_41221
Score total	:	87.9
Score for star read(s)	:	3.9
Score for read counts	:	80.7
Score for mfe	:	2.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	170
Mature read count	:	58
Loop read count	:	0
Star read count	:	112





Star **Mature**

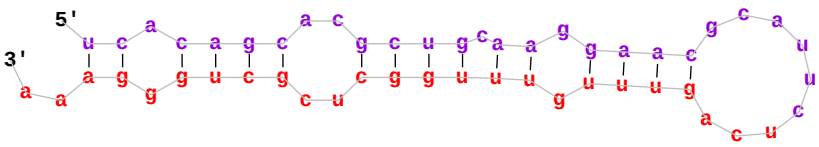
```
5'- cgccuauguggaugacggguccuggucuggcugauuccacgguugguaucguuggcuucgcguaggauuggccaggcuguggccgucguagucaagggcuucaacaccaaa  -3'   obs
    cgccuauguggaugacggguccuggucuggcugauuccacgguugguaucguuggcuucgcguaggauuggccaggcuguggccgucguagucaagggcuucaacaccaaa        exp
    .((((.((...((((((((((.((((((((((((((((.((((..(.((....)).)..).))).)))))))))))))))).))))))))))...)).))))..........  reads    mm    sample
    ..................ccuggucuggcugauuccacg.....................................................................  11       0     c02
    ..................ccuggucuggcugauuccacgg....................................................................  10       0     c02
    ..........................................................guaggauuggccaggcuguggc.............................  1        0     c02
    ..........................................................guaggauuggccaggcuguggcU............................  1        1     c02
    ..........................................................uaggauuggccaggcuguggcU............................  1        1     c02

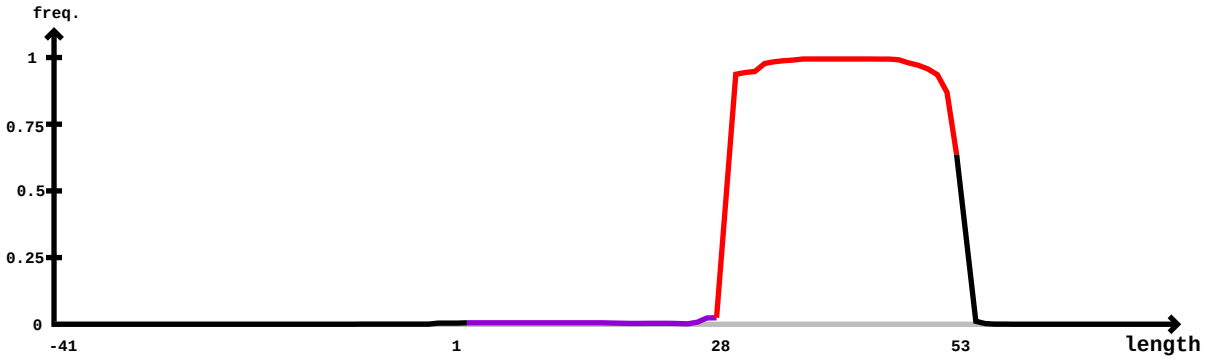
    ..................uccuggucuggcugauuccacg....................................................................  1        0     c15
    ..................ccuggucuggcugauuccacU.....................................................................  1        1     c15
    ..................ccuggucuggcugauuccaAg.....................................................................  1        1     c15
    ..................ccuggucuggcugauuccacg.....................................................................  10       0     c15
    ..................ccuggucuggcugauuccacgA....................................................................  1        1     c15
    ..................ccuggucuggcugauuccacgg....................................................................  14       0     c15
    ..................ccuggucuggcugauuccacgU....................................................................  1        1     c15
    ..................ccuggucuggcugauuccacggC...................................................................  1        1     c15
    ..................ccuggucuggcugauuccacgUu...................................................................  1        1     c15
    ..................ccuggucuggcugauuccacggu...................................................................  10       0     c15
    ..................ccuggucuggcugauuccacgguA..................................................................  1        1     c15
    ..................ccuggucuggcugauuccacgguu...................................................................  1        0     c15
    ..................ccuggucuggcugauuccacgguuU..................................................................  2        1     c15
    ..................uggucuggcugaGuccacgguu.....................................................................  1        1     c15
    ..................uggucuggcugauuUcacgguu.....................................................................  1        1     c15
    ..................uggucuggcugauuccacgguu.....................................................................  7        0     c15
    ..................uggucuggcugauuccacgguuU....................................................................  2        1     c15
    ..........................................................guaggauuggccaggcugu.............................  1        0     c15
    ..........................................................guaggauuggccaggcugug............................  1        0     c15
    ..........................................................guaggauuggccaggcuguggcc.........................  1        0     c15
    ..........................................................guaggauuggccaggcuguggcU.........................  29       1     c15
    ..........................................................guaggauuggccaggcuguggcA.........................  2        1     c15

    ..................ccuggucuggcugauuccacg.....................................................................  2        0     c09
    ..................ccuggucuggcugauuccacgg....................................................................  6        0     c09
    ..........................................................Uuaggauuggccaggcugugg............................  1        1     c09
    ..........................................................guaggauuggccaggcugugg............................  4        0     c09
```

Star
Mature
cgccuauguggaugacgggu ccuggucuggcugauuccacgg uugguaucguuggcuucgc guaggauuggccaggcuguggcc cgucguagucaagggcuucaacaccaaa
.....guaggauuggccaggcuguggcU..... 1 1 c09
.....ccuggucuggcugauuccacg..... 2 0 c04
.....ccuggucuggcugauuccacgg..... 1 0 c04
.....uggucuggcugauuccacgguu..... 1 0 c04
.....uggucuggcugauuccacgguugguau..... 1 0 c04
.....guaggauuggccaggcuguggcU..... 2 1 c04
.....ccuggucuggcugauuccacg..... 4 0 c16
.....ccuggucuggcugauuccacgg..... 13 0 c16
.....ccuggucuggcugauuccacggu..... 1 0 c16
.....uggucuggcugauuccacUgu..... 1 1 c16
.....uggucuggcugauuccacgguu..... 2 0 c16
.....uggucuggcugauuccacgguuA..... 2 1 c16
.....guaggauuggccaggcugugg..... 5 0 c16
.....guaggauuggccaggcuguggcU..... 8 1 c16

Provisional ID	:	tig00000757_41308
Score total	:	1271.3
Score for star read(s)	:	3.9
Score for read counts	:	1269.1
Score for mfe	:	1.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	2501
Mature read count	:	2498
Loop read count	:	0
Star read count	:	3





Star **Mature**

```
5'- auugauggacaucugauugcgcaaccuagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcugggaaaggaggcauaagcgcgaguggcg  -3'   obs
    auugauggacaucugauugcgcaaccuagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcugggaaaggaggcauaagcgcgaguggcg        exp
    ...................(((.((...(((....(((((((..((((..((((.((.((((.........)))).)))))))..))))....)))))))).....)))..)).)))   reads    mm       sample
    ..........................................................ucucaguuuguuuggcucgcugg.....................................   1        0        c15
    ..........................................................uguuuggcucgcugggaaag........................................   1        0        c15

    ..........................................................ucaguuuguuuggcucgcuggg......................................   1        0        c02
    ..........................................................ucaguuuguuuggcucgcuggga.....................................   3        0        c02
    ..........................................................ucaguuuguuuggcucgcugggaa....................................   10       0        c02
    ..........................................................ucaguuuguuuggcucgcugggaaa...................................   8        0        c02
    ..........................................................ucaguuuguuuggcucgcugggaaag..................................   1        0        c02
    ..........................................................ucaguuuguuuggcucgcugggaaaA..................................   1        1        c02
    ..........................................................Gcaguuuguuuggcucgcugggaaag..................................   1        1        c02
    ........................................................caguuuguuuggcucgcugggaaa.....................................   2        0        c02
    ......................................................uuuguuuggcucgcugggaaa.....................................   1        0        c02
    ......................................................uguuuggcucgcugggaa.........................................   1        0        c02

    ........................................................uucucaguuuguuuggcucgcuggga..................................   1        0        c09
    ..........................................................ucaguuuguuuggcucgcuggga.....................................   1        0        c09
    ..........................................................ucaguuuguuuggcucgcugggaa....................................   2        0        c09
    ..........................................................Gcaguuuguuuggcucgcugggaaa...................................   1        1        c09
    ..........................................................ucaguuuguuuggcucgcugggaaa...................................   5        0        c09
    ..........................................................ucaguuuguuuggcucgcugggaaaU..................................   1        1        c09
    ........................................................caguuuguuuggcucgcugggaaa.....................................   1        0        c09
    ......................................................uuuguuuggcucgcugggaaa.....................................   1        0        c09

    ....................................uccucacagcacgcugcaaAgaacgc.....................................................   1        1        c04
    ..................................ucacagcacgcugcaaAgaacgcauuc.....................................................   2        1        c04
    ....................................................acgcauucucaguuuguuuggcuc.....................................   1        0        c04
    ........................................................uucucaguuuguuuggcucgcuggga..................................   4        0        c04
    ........................................................uuUucaguuuguuuggcucgcugggaa..................................   1        1        c04
    ........................................................uucucaguuuguuuggcucgcugggaU..................................   1        1        c04
    ........................................................uuUucaguuuguuuggcucgcugggaaa..................................   1        1        c04
    ......................................................ucucaguuuguuuggcucgcuggga.....................................   1        0        c04
    ......................................................ucucaguuuguuuggcucgcugggaa....................................   10       0        c04
    ......................................................ucaguuuguuuggcucgc............................................   6        0        c04
```

Star Mature

auugauggacaucugauugcgcaaccuagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcugggaaaggaggcauaagcgcgaguggcg

.....ucaguuuguuuggcucgcu.....	9	0	c04
.....Gcaguuuguuuggcucgcu.....	2	1	c04
.....ucaguuuguuuggcucgcuU.....	1	1	c04
.....ucaguuuguuuggcucgcug.....	5	0	c04
.....Gcaguuuguuuggcucgcug.....	1	1	c04
.....ucaguuuguuuggcucgcugg.....	19	0	c04
.....Gcaguuuguuuggcucgcuggg.....	5	1	c04
.....ucaguuuguuuggcucgcuggg.....	22	0	c04
.....ucaguuuguuuggcucgcuggAa.....	1	1	c04
.....Gcaguuuguuuggcucgcuggga.....	1	1	c04
.....ucaguuuguuuggcucUcuggga.....	1	1	c04
.....ucaguuuguuuggcucgcuggga.....	57	0	c04
.....ucaguuuguuuggcucgcugggaC.....	2	1	c04
.....ucaguuuguuAggcucgcugggaa.....	1	1	c04
.....ucCguuuguuuggcucgcugggaa.....	1	1	c04
.....ucaguuuguuuggcucgcugggaa.....	151	0	c04
.....ucaguuuguuuggcuAgcugggaa.....	1	1	c04
.....ucaguuuguuuggcucgcCgggaa.....	1	1	c04
.....Gcaguuuguuuggcucgcugggaa.....	11	1	c04
.....ucaguuuguuuggcucgcuggUaa.....	1	1	c04
.....Gcaguuuguuuggcucgcugggaaa.....	16	1	c04
.....ucaguuCguuuggcucgcugggaaa.....	1	1	c04
.....ucaguuuguuuggcucAcugggaaa.....	1	1	c04
.....uUaguuuguuuggcucgcugggaaa.....	1	1	c04
.....ucaguuuguAuggcucgcugggaaa.....	1	1	c04
.....ucaguuuguuuggcucgcugggaaa.....	250	0	c04
.....ucagCuuguuuggcucgcugggaaa.....	1	1	c04
.....ucaguuuguuuggcucgcugggaaC.....	2	1	c04
.....ucaguuuguuuggcucgcugggaaU.....	5	1	c04
.....Acaguuuguuuggcucgcugggaaa.....	3	1	c04
.....ucaguuuguuuggcucgcuCggaaa.....	1	1	c04
.....ucaguuugAuuggcucgcugggaaa.....	1	1	c04
.....ucaguuuguuuggcuAgcugggaaa.....	1	1	c04
.....ucaguuuguuuggcucgcGgggaaag.....	1	1	c04
.....ucaguuuguuuggcucgcugggaaaU.....	1	1	c04
.....ucaguuuguuuCgcucgcugggaaag.....	1	1	c04
.....Gcaguuuguuuggcucgcugggaaag.....	6	1	c04
.....ucaguuuguuuggcucgcugggaaaA.....	12	1	c04
.....ucaguuuguuuggcucgcugggaaag.....	81	0	c04
.....ucaguuuguuuggcucgcugggaaagC.....	1	1	c04
.....ucaguuuguuuggcucgcugggaaagU.....	2	1	c04
.....ucaguuuguuuggcucgcugggaaagAagg.....	1	1	c04
.....caguuuguuuggcucgcuggg.....	1	0	c04
.....caguuuguuuggcucgcuggga.....	2	0	c04
.....caguuuguuuggcucgcugggaa.....	1	0	c04
.....caguuuguuuggcucgcugggaaa.....	13	0	c04
.....caguuuguuuggcucgcugggaaag.....	11	0	c04
.....caguuuguuuggcucgcugggaaaA.....	1	1	c04
.....aguuuguuuggcucgcuggg.....	1	0	c04
.....Cguuuguuuggcucgcugggaa.....	1	1	c04
.....aguuuguuuggcucgcugggaaa.....	1	0	c04
.....aguuuguuugAcucgcugggaaag.....	1	1	c04
.....guuuguuuggcucgcuggga.....	1	0	c04
.....guuuguuuggcucgcugggaaagU.....	1	1	c04
.....uuuguuuggGucgcuggga.....	1	1	c04
.....uuuguuuggcucgcuggga.....	1	0	c04
.....uuuguuuggcucgcugggaa.....	7	0	c04
.....uuuguuuggcucgcugggaaa.....	11	0	c04
.....uuuguuuggcucgcugggaaag.....	3	0	c04
.....uuuguuuggcucgcugggaaaA.....	1	1	c04
.....uuguuuggcucgcugggaa.....	1	0	c04
.....uuguuuggcucgcugggaaa.....	4	0	c04
.....uuguuuggcucgcugggaaaU.....	1	1	c04
.....uuguuuggcucgcugggaaag.....	1	0	c04
.....Gguuuggcucgcugggaa.....	1	1	c04
.....uguuuggcucgcugggaaa.....	2	0	c04
.....uuuggcucgcugggaaag.....	3	0	c04

.....gaugcgccuccucacagcacgcugca.....	1	0	c16
.....uccucacagcacgcugca.....	1	0	c16

Star Mature

auugauggacaucugauugcgcaaccuagcgaugcgccucc**ucacagcacgcugcaaggaacgcauuc**ucaguuuguuuggcucgcugggaaaggaggcauaagcgcgaguggcg

.....uccucacagcacgcugcaa.....	1	0	c16
.....Gccucacagcacgcugcaa.....	1	1	c16
.....uccucacagcacgcugcaag.....	2	0	c16
.....uccucacagcacgcugcaaAgaacg.....	2	1	c16
.....uccucacagcacgcugcaaAgaacgc.....	2	1	c16
.....ucacagcacgcugcaaAgaacgc.....	1	1	c16
.....Guucucaguuuguuuggcucgcugggaaa.....	1	1	c16
.....uucucaguuuguuuggcucgcu.....	2	0	c16
.....uucucaguuuguuuggcucgcugggC.....	1	1	c16
.....uucucaguuuguuuggcucgcuggga.....	4	0	c16
.....uucucaguuuguuuggcucgcugggaa.....	1	0	c16
.....ucucaguuuguuuggcucgcu.....	1	0	c16
.....ucucaguuuguuuggcucgcuggga.....	3	0	c16
.....ucucaguuuguuuggcucgcCgggaa.....	1	1	c16
.....ucucaguuuguuuggcucgcUggaa.....	1	1	c16
.....Acucaguuuguuuggcucgcugggaa.....	1	1	c16
.....ucucaguuuguuAggcucgcugggaa.....	1	1	c16
.....ucucaguuuguuuggcucgcugggaa.....	15	0	c16
.....Gcucaguuuguuuggcucgcugggaa.....	3	1	c16
.....ucucaguuuguuuggcucgcugggaaa.....	2	0	c16
.....cucaguuuguuuggcucgcugggaa.....	1	0	c16
.....cucaguuuguuuggcucgcugggaaa.....	1	0	c16
.....ucaguuuguuuggcucgc.....	1	0	c16
.....ucaguuuguuuggcucgcu.....	13	0	c16
.....ucaguuuguuuggcucgcug.....	8	0	c16
.....ucaguuuguuuggcucgcugg.....	11	0	c16
.....ucaguuugAuuggcucgcugg.....	1	1	c16
.....Gcaguuuguuuggcucgcugg.....	1	1	c16
.....ucaguuuguuuggcucgcuggg.....	17	0	c16
.....ucaguuuguuuggcucUcuggg.....	1	1	c16
.....Gcaguuuguuuggcucgcuggg.....	2	1	c16
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.....ucaguuuguuuggcucgcugggaaaU.....	9	1	c16

Star Mature

auugauggacaucugauugcgcaaccuagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcugggaaaggaggcauaagcgcgaguggcg

.....uAaguuuguuuggcucgcugggaaag.....	1	1	c16
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.....ucaguuuguuuggcucgcugggaaagU.....	15	1	c16
.....ucaguuuguuuggcucgcugggaaagC.....	1	1	c16
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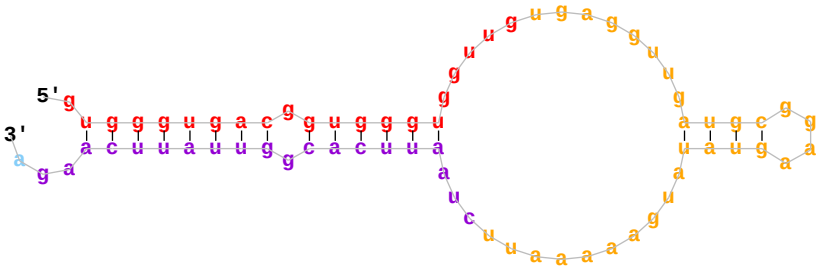
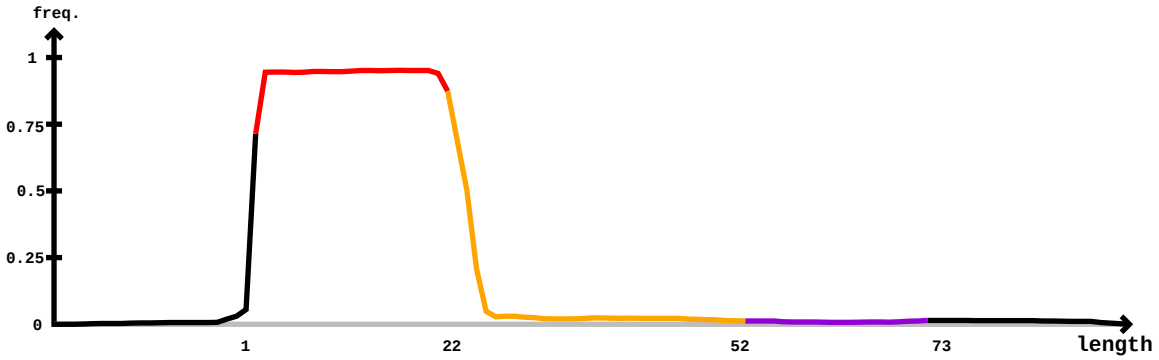
.....guuuggcucgcugggaaaA.....	1	1	c16
.....Guuggcucgcugggaaag.....	1	1	c16
.....uuuggcucgcugggaaaC.....	1	1	c16
.....uuuggcucgcugggaaag.....	5	0	c16

Provisional ID	:	tig00000787_group16_38647
Score total	:	665.6
Score for star read(s)	:	3.9
Score for read counts	:	663.4
Score for mfe	:	-2.4
Score for randfold	:	-2.2
Score for cons. seed	:	3
Total read count	:	1313
Mature read count	:	1284
Loop read count	:	26
Star read count	:	3





Mature **Star**

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    aacgacuagguuggguuugcgugggugacgguggguggguugugaggguugaugcggaaguauaugaaaaauucuaauucacgguuauucaagauaccuaauacugaaccguc        exp
    ...(((..(((((((.....(((((((.(((((.............((((....))))..............))))))..)))))))....)))........)))))))   reads     mm        sample
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    ..cgacuGgguuggguuugcgugg....................................................................................   1         1         c15
    ...gacuagguuggguuugcgugg....................................................................................   1         0         c15
    ......uagguuggguuugcguggguga................................................................................   1         0         c15
    ......uagguuggguuugcgugggugacggug...........................................................................   1         0         c15
    .......Ggguuggguuugcguggguga................................................................................   1         1         c15
    ..........uugguuugcgugggugacggugggug........................................................................   1         0         c15
    ................ugcgugggugacgguggguggguu....................................................................   2         0         c15
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    ................ugcgugggugacgguggguggguugug.................................................................   2         0         c15
    ................ugcgugggugacgguggguggguuguAa................................................................   3         1         c15
    ................ugcgugggugacgguggguggguuguga................................................................   2         0         c15
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    ................gcgugggugacgguggguggguu.....................................................................   2         0         c15
    ................gcgugggugacgguggguggguug....................................................................   1         0         c15
    ................gcgugggugacgguggguggguugu...................................................................   4         0         c15
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    ................gcgugggugacgguggguggguuguAa.................................................................   1         1         c15
    ................gcgugggugacgguggguggguugugaA................................................................   1         1         c15
    ................cgugggugacgguggguggu........................................................................   1         0         c15
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    ................cgugggugacgguggguggguugug...................................................................   5         0         c15
    ................cgugggugacgguggguggguuguAa..................................................................   9         1         c15
    ................cgugggugacgguggguggguugugU..................................................................   1         1         c15
```

Mature Star

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.....cgugggugacgguggguggguuugugaA.....	2	1	c15
.....cgugggugacgguggguggguuugugagguug.....	1	0	c15
.....gugggugacgguggguggg.....	1	0	c15
.....gugggugacgguggguggu.....	9	0	c15
.....gugggugacgguggguggguu.....	53	0	c15
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.....gugggugacgguggguggguuA.....	25	1	c15
.....gGgggugacgguggguggguug.....	1	1	c15
.....gugggugacggCgggugguug.....	1	1	c15
.....Uugggugacgguggguggguug.....	1	1	c15
.....gugggugacgguggguggguug.....	296	0	c15
.....gugggGgacgguggguggguug.....	1	1	c15
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.....gugggugacgguggguggguugug.....	150	0	c15
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.....gCgggugacgguggguggguugug.....	1	1	c15
.....gugggugacgguggguggguuguAa.....	118	1	c15
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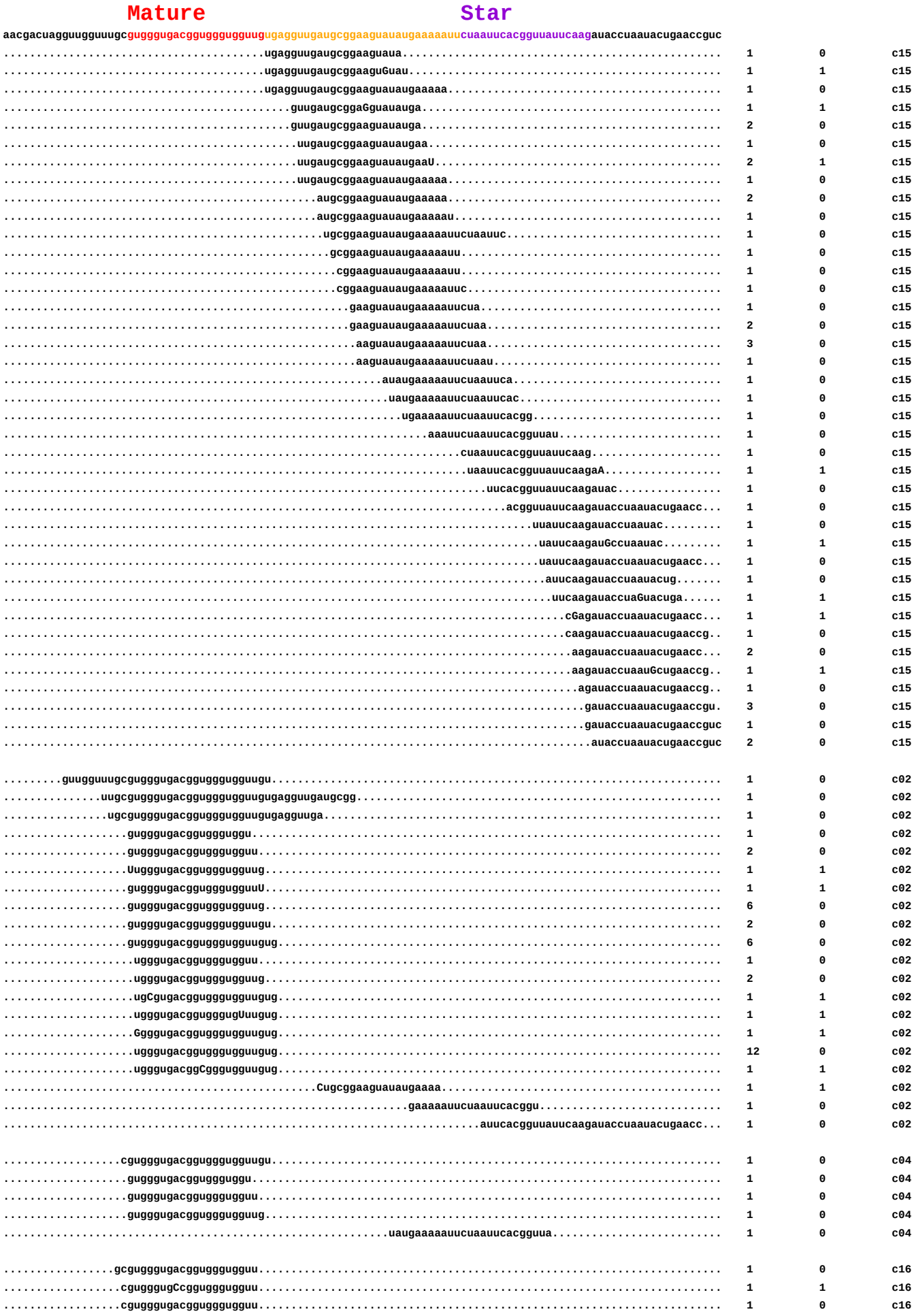
Mature
Star
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Mature **Star**

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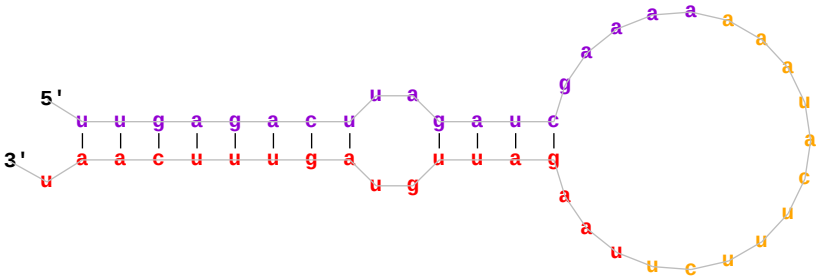
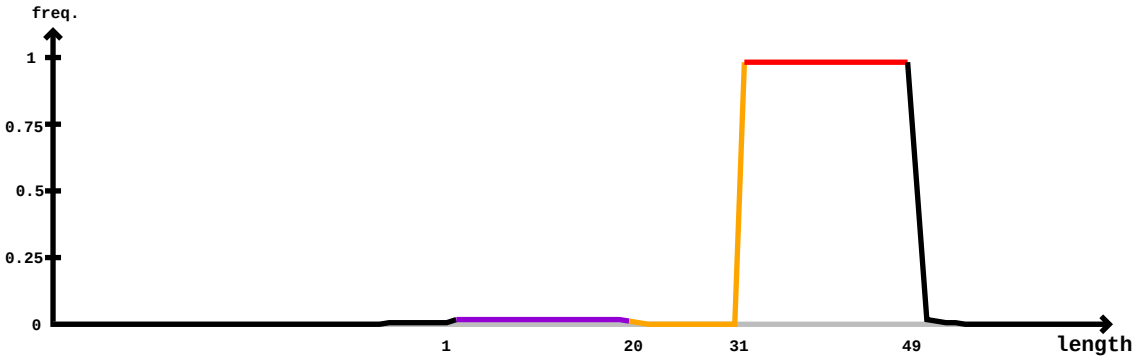
Provisional ID	:	tig00001135_41885
Score total	:	76.5
Score for star read(s)	:	3.9
Score for read counts	:	80.2
Score for mfe	:	-8.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	169
Mature read count	:	167
Loop read count	:	0
Star read count	:	2





Star **Mature**

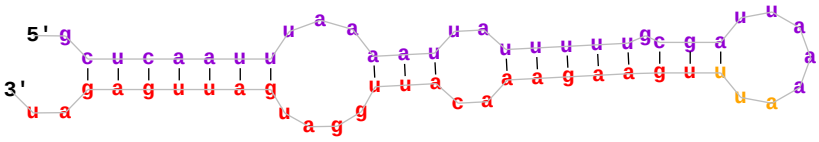
```
5'- acagcaaaauaaaauaucacucaugugguaaaaaaacuaaauugagacuuagaucgaaaaaaauacuuucuuaagauuguaguuucaauaaaacuaaaucaugugguau  -3'   obs
    acagcaaaauaaaauaucacucaugugguaaaaaaacuaaauugagacuuagaucgaaaaaaauacuuucuuaagauuguaguuucaauaaaacuaaaucaugugguau        exp
    .............((((((....))))))..........(((((((((..((((.....................))))..)))))))))...((((.......))))..  reads      mm         sample
    ................................aacuaaauCgagacuuagaucgaaa.....................................................  1          1          c09
    ....................................uugagacuuagaucgaaaa.....................................................  2          0          c09
    ..........................................................uaagauuguaguuucaau.....................  1          0          c09
    ..........................................................uaagauuguaguuucaaua.....................  3          0          c09

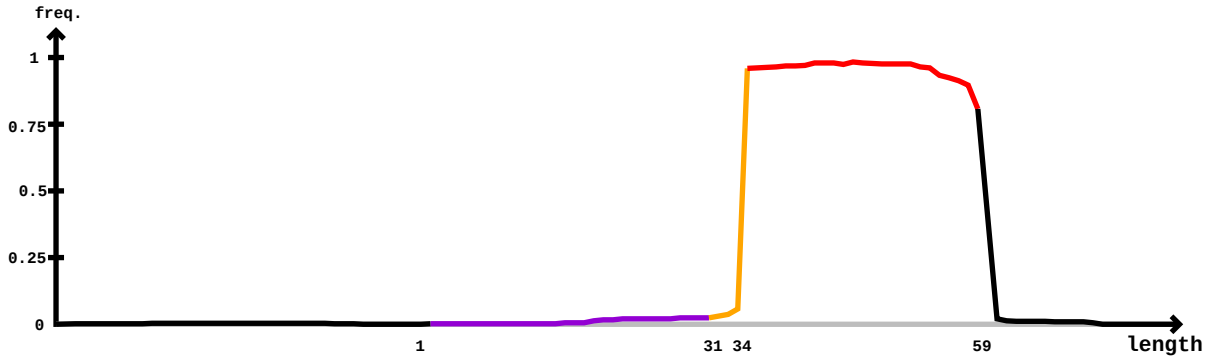
    ..........................................................uaagauuguaguuucaau.....................  31         0          c16
    ..........................................................Gaagauuguaguuucaau.....................  3          1          c16
    ..........................................................uaagauuguaguuucaaua.....................  36         0          c16
    ..........................................................Gaagauuguaguuucaaua.....................  3          1          c16

    ..........................................................Aaagauuguaguuucaau.....................  1          1          c04
    ..........................................................uaagauuguaguuucaau.....................  40         0          c04
    ..........................................................uaagauugCaguuucaau.....................  1          1          c04
    ..........................................................uaagauuguaguuucaaC.....................  1          1          c04
    ..........................................................Gaagauuguaguuucaau.....................  1          1          c04
    ..........................................................uaagauuguaguuucaauC.....................  1          1          c04
    ..........................................................Gaagauuguaguuucaaua.....................  1          1          c04
    ..........................................................uaagauuguaguuucaaua.....................  40         0          c04
    ..........................................................uaagauuguaguuucaauaC.....................  1          1          c04
    ..........................................................uaagauuguaguuucaauaaa.....................  1          0          c04
    ..........................................................uaagauuguaguuucaauaaaaU.....................  1          1          c04

    ..........................................................uaagauuguaguuucaau.....................  1          0          c02
```

Provisional ID	:	tig00001256_group27_39470
Score total	:	261.9
Score for star read(s)	:	3.9
Score for read counts	:	258.6
Score for mfe	:	-1.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	519
Mature read count	:	518
Loop read count	:	0
Star read count	:	1





Star **Mature**

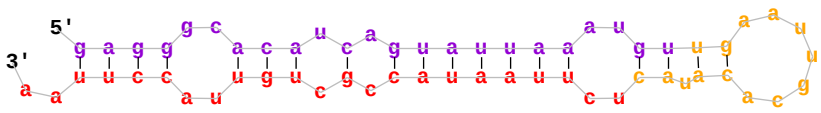
```
5'- ucgccguuuccaguuucuugguaucuuuugauacauugcucaauuuaaaauuauuuuugcgauuaaaauuugaagaaacauuggaugauugagaugaaacugucuuaggugucccc -3'   obs
    ucgccguuuccaguuucuugguaucuuuugauacauugcucaauuuaaaauuauuuuugcgauuaaaauuugaagaaacauuggaugauugagaugaaacugucuuaggugucccc       exp
    .((((.....(((((((...(((((....))))).....(((((((...(((..(((((.(((.......)))))))..)))....)))))))..)))))))).....))))....  reads     mm      sample
    ucgccguuuccaguuucuugguaucuu.....................................................................................  1         0       c04
    ........uccaguuucuugguaucuuuug.....................................................................................  1         0       c04
    ....................................gcucaauuuaaaauuauuuuugcgauuaaa.....................................................  1         0       c04
    ..................................................uauuuuugcgauuaaaauuugaagaa.....................................  1         0       c04
    ..................................................Gauuuuugcgauuaaaauuugaagaa.....................................  1         1       c04
    ....................................................uuuugcgauuaaaauuugaagaaaca....................................  4         0       c04
    ....................................................uuugcgauuaaaauuugaagaaacauu...................................  1         0       c04
    ....................................................Guugcgauuaaaauuugaagaaacauu...................................  1         1       c04
    .....................................................ugcgauuaaaauuugaagaaacauug...................................  1         0       c04
    .....................................................ugcgauuaaaauuugaagaaacauugg..................................  1         0       c04
    ......................................................uaaaauuugaagaaacauuggauga...................................  1         0       c04
    ......................................................uaaaauuugaagaaacauuggaugauu.................................  1         0       c04
    .......................................................auuugaagaaacauuggaugauugagau...............................  1         0       c04
    .......................................................uuugaagaaacauuggaugauu......................................  2         0       c04
    .......................................................uuugaagaaacauuggaugauugaga..................................  5         0       c04
    ......................................................uugaagaaacauuggaugauugaga....................................  2         0       c04
    ......................................................Gugaagaaacauuggaugauugagau...................................  1         1       c04
    ......................................................uugaagaaacauuggaugauugagau...................................  7         0       c04
    ......................................................uugaagaaacauuCgaugauugagau...................................  1         1       c04
    ......................................................ugaagaaacauuggauga...........................................  5         0       c04
    ......................................................ugaagaaacauuggaugau..........................................  2         0       c04
    ......................................................ugaagaaacauuggaugauu.........................................  11        0       c04
    ......................................................Ggaagaaacauuggaugauu.........................................  1         1       c04
    ......................................................Ggaagaaacauuggaugauug........................................  1         1       c04
    ......................................................ugaagaaacauuggaugauug........................................  4         0       c04
    ......................................................ugaagaaacauuggaugauuga.......................................  6         0       c04
    ......................................................ugaagaaacauuggaugauugag......................................  9         0       c04
    ......................................................Ggaagaaacauuggaugauugaga.....................................  6         1       c04
    ......................................................ugaagaaacauuggaugauugagU.....................................  1         1       c04
    ......................................................ugaagaaacauuggaugauAgaga.....................................  1         1       c04
    ......................................................ugaagaaacauuggaugauugaga.....................................  32        0       c04
    .......................................................Agaagaaacauuggaugauugagau...................................  2         1       c04
    .......................................................ugaagaaacauuggaugauugagaA...................................  2         1       c04
```

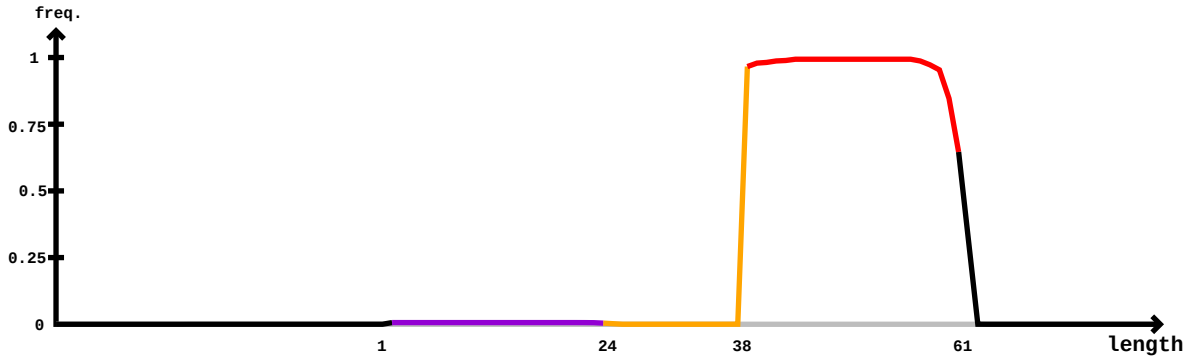
Star Mature

ucgccguuuccaguuucuugguaucuuuugauacauugcucaauuuaaaauuauuuuugcgauuaaaauuugaagaaacauuggaugauugagaugaaacugucuuaggugucccc

.....ugaagaaCcauuggaugauugagau.....	1	1	c04
.....ugaagaaacauuggauCauugagau.....	1	1	c04
.....ugaagaaacauuggaugauugagau.....	274	0	c04
.....Ggaagaaacauuggaugauugagau.....	30	1	c04
.....ugaagaaacauuggaugauugagauU.....	1	1	c04
.....ugaagaaacauuggaugauugagaug.....	77	0	c04
.....ugaagaaacauuggaugauugagaAg.....	1	1	c04
.....ugaagCaacauuggaugauugagaug.....	1	1	c04
.....ugaagaaacauuggaugauugagauA.....	7	1	c04
.....ugaagaaacauuggaugauugagaCg.....	1	1	c04
.....ugaagaaacauuggaugauuCagaug.....	1	1	c04
.....Ggaagaaacauuggaugauugagaug.....	4	1	c04
.....ugaagaaacauuggaugauugagauga.....	3	0	c04
.....ugaagaaacauuggaugauugagaugG.....	1	1	c04
.....ugaagaaacauuggaugauugagaugaU.....	1	1	c04
.....gaagaaacauuggaugauugagau.....	1	0	c04
.....aagaaacauuggaugauugagau.....	1	0	c04
.....agaaacauuggaugauugagauA.....	1	1	c04
.....gaaacauuggaugauugaga.....	1	0	c04
.....gaaacauuggaugauugagau.....	1	0	c04
.....aacauuggaugauugagau.....	1	0	c04
.....acauuggaugauugagau.....	5	0	c04
.....acauuggaugauugagaug.....	2	0	c04
.....Guggaugauugagaugaaacugucuua.....	1	1	c04
.....uggaugauugagaugaaacug.....	1	0	c04
.....uggaugauugagaugaaacugucuu.....	2	0	c04
.....uggaugauugagaugaaacugucuua.....	2	0	c04

Provisional ID	:	tig00001585_group12_38546
Score total	:	66917.3
Score for star read(s)	:	3.9
Score for read counts	:	66909.1
Score for mfe	:	-0.1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	131251
Mature read count	:	130422
Loop read count	:	0
Star read count	:	829





Star **Mature**

```
5'- ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauaccucuuaauaccgcuguuaccuuaacgaugcucaguaaacgcaca -3'    obs
    ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauaccucuuaauaccgcuguuaccuuaacgaugcucaguaaacgcaca      exp
    .....(((.....)))..((((..(.((((((((((..(((.(.(((((((..((((.......)).))..)))))))..)))..)))))))))))).))))..........    reads    mm    sample
    ..........caucgacacuguugucauuguu.....................................................................................    5        0     c15
    ...........aucgacacuguugucauuguu.....................................................................................    2        0     c15
    ............................ugagggcacaucaguauuaaaaug.....................................................................    1        0     c15
    ............................gagggcacaucaguauuaaa........................................................................    10       0     c15
    ............................gagggcacaucaguauuaaau.......................................................................    33       0     c15
    ............................gagggcacaucaguauuaaGu.......................................................................    1        1     c15
    ............................gagggcacaucaUuauuaaaug......................................................................    1        1     c15
    ............................Uagggcacaucaguauuaaaug......................................................................    3        1     c15
    ............................gagggcacaucaguauuaaaug......................................................................    191      0     c15
    ............................gagggcacaucaguauuaaauA......................................................................    3        1     c15
    ............................gagggcacaucGguauuaaaug......................................................................    1        1     c15
    ............................gagggcacaucUguauuaaaugu.....................................................................    1        1     c15
    ............................gagggGacaucaguauuaaaugu.....................................................................    1        1     c15
    ............................gagAgcacaucaguauuaaaugu.....................................................................    1        1     c15
    ............................gagggcacaucagAauuaaaugu.....................................................................    2        1     c15
    ............................gagggcacaucaguauuaaauCu.....................................................................    1        1     c15
    ............................Uagggcacaucaguauuaaaugu.....................................................................    5        1     c15
    ............................gagggcaUaucaguauuaaaugu.....................................................................    1        1     c15
    ............................gagggcacaucaguauuaaaugA.....................................................................    2        1     c15
    ............................gagggcacaucaguauuaaaugu.....................................................................    437      0     c15
    ............................gagggcacaucaguauuaaGugu.....................................................................    2        1     c15
    ............................gagggcacaucaguauuaaauguA....................................................................    26       1     c15
    ............................gagggcacaucaguauuaaauguu....................................................................    9        0     c15
    ............................gagggcacaucaguauuaaauguuAa..................................................................    1        1     c15
    ............................gagggcacaucaguauuaaauguugaa.................................................................    1        0     c15
    ............................gagggcacaucaguauuaaauguugaau................................................................    1        0     c15
    ..............................agggcacaucaguauuaaaug.....................................................................    2        0     c15
    ..............................agggcacaucaguauuaaaugu....................................................................    1        0     c15
    ..........................................................uugaauugcacauacucuuaauaccgc.....................................    1        0     c15
    ..............................................................................Ucucuuaauaccgcuguuaccuuaa.....................    1        1     c15
    ..........................................................................cucuuaauaccgcuguuaccuu.....................    1        0     c15
    ..........................................................................cucuuaauaccgcuguuaccuua.....................    3        0     c15
    ..........................................................................cucuuaauaccgcuguuaccuuaa.....................    7        0     c15
```

Star Mature

ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauacucuuaauaccgcuguuaccuuaacgaugcucaguaaacgcaca

.....ucuuaauaccgcuguuac.....	43	0	c15
.....ucuuaauaccgcuguGac.....	1	1	c15
.....ucuuaauaccgcuguuacA.....	5	1	c15
.....ucuuaauaccgcuguuacU.....	1	1	c15
.....ucuuaauaccgcuguuGcc.....	1	1	c15
.....ucuuaauaccgcuguuacc.....	127	0	c15
.....ucuuaauaccgcuguuacUu.....	1	1	c15
.....ucuuaauaccgcuguuacAu.....	1	1	c15
.....ucuuaauaccgcuguuaccu.....	54	0	c15
.....ucuuaauaccgcuguuaccC.....	1	1	c15
.....ucuuaauaccgcuguuaccA.....	5	1	c15
.....ucuuaauaccAcuguuaccuu.....	4	1	c15
.....Gcuuaauaccgcuguuaccuu.....	2	1	c15
.....ucuuaauaccgcuguGaccuu.....	1	1	c15
.....ucuuaauaccgcuguuaccuA.....	16	1	c15
.....ucuuaauaccgcuguuaccGu.....	2	1	c15
.....ucuuGauaccgcuguuaccuu.....	1	1	c15
.....ucuuaauaccgcuguuaccuC.....	18	1	c15
.....ucuuaauaccgcuguuacUuu.....	2	1	c15
.....ucuuaauacUgcuguuaccuu.....	1	1	c15
.....ucuuaauaccgcuguuaccuG.....	1	1	c15
.....ucuuaauacAgcuguuaccuu.....	1	1	c15
.....ucuuaauaccgcuguuaAcuu.....	1	1	c15
.....ucuuaauaccgcuguuGccuu.....	1	1	c15
.....ucuuaauaccgcuguCaccuu.....	2	1	c15
.....ucuuaauaccgcuguuacAuu.....	1	1	c15
.....ucuuaauaccgcGguuaccuu.....	2	1	c15
.....uAuuaauaccgcuguuaccuu.....	1	1	c15
.....Acuuaauaccgcuguuaccuu.....	2	1	c15
.....ucuuaauaccgcuguuaccAu.....	1	1	c15
.....ucuuaauaUcgcuguuaccuu.....	1	1	c15
.....ucuuaauaccgcuguuaccuu.....	2058	0	c15
.....ucuuaauGccgcuguuaccuu.....	1	1	c15
.....ucuuaauaccgcuguuaccCu.....	1	1	c15
.....uGuuaauaccgcuguuaccuu.....	3	1	c15
.....ucGuaauaccgcuguuaccuu.....	2	1	c15
.....ucuuaauaccgcuguuaccuuG.....	2	1	c15
.....ucuuaauaccAcuguuaccuua.....	9	1	c15
.....ucuuaauGccgcuguuaccuua.....	5	1	c15
.....ucuuaauaccgcuguuaAcuua.....	1	1	c15
.....ucuuaauaccgcugAuaccuua.....	3	1	c15
.....Ccuuaauaccgcuguuaccuua.....	5	1	c15
.....ucuuaCuaccgcuguuaccuua.....	1	1	c15
.....ucuuaauaccgcuguuaccuGa.....	1	1	c15
.....ucuuaauaccgcGguuaccuua.....	1	1	c15
.....ucuCaauaccgcuguuaccuua.....	1	1	c15
.....ucuuaauaccgcuguuaccuua.....	12617	0	c15
.....ucuuaauUccgcuguuaccuua.....	2	1	c15
.....ucuuaauaccgcuguuaccuCa.....	68	1	c15
.....ucuuaauaccgcAguuaccuua.....	2	1	c15
.....ucuuaauaccgcuguCaccuua.....	2	1	c15
.....ucuuaauaccgcuguuaccCua.....	7	1	c15
.....ucuuaauaccgcuguuacGuua.....	1	1	c15
.....ucuuaauaAcgcuguuaccuua.....	1	1	c15
.....ucuuUauaccgcuguuaccuua.....	2	1	c15
.....ucuuaauaccgcuguAaccuua.....	1	1	c15
.....ucuuaauaccgcuguuaccuuU.....	195	1	c15
.....ucuuaaAaccgcuguuaccuua.....	2	1	c15
.....ucuuaauaGcgcuguuaccuua.....	1	1	c15
.....ucuuaauacAgcuguuaccuua.....	3	1	c15
.....ucuuaauaccgAuguuaccuua.....	1	1	c15
.....ucuuaauaccgcuguuGccuua.....	3	1	c15
.....ucuuaauaccgcuAuuaccuua.....	1	1	c15
.....ucCuaauaccgcuguuaccuua.....	4	1	c15
.....ucuuaauacGgcuguuaccuua.....	1	1	c15
.....ucuuaauaccgcuguuacAuua.....	3	1	c15
.....ucuuaauaccgcuguuUccuua.....	1	1	c15
.....ucGuaauaccgcuguuaccuua.....	1	1	c15
.....ucuuaaCaccgcuguuaccuua.....	2	1	c15
.....ucuuaauaccgcuguuaccAua.....	10	1	c15

Star Mature

ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauacucuuaauaccgcuguuaccuuaacgaugcucaguaaacgcaca

.....Acuuaauaccgcuguuaccuua.....	5	1	c15
.....ucuuaauaccgcuguuaGcuua.....	1	1	c15
.....ucuuaauaccgcuCuuaccuua.....	1	1	c15
.....ucAuaauaccgcuguuaccuua.....	1	1	c15
.....ucuuaauaccgcuguuaUcuua.....	4	1	c15
.....ucuuGauaccgcuguuaccuua.....	1	1	c15
.....uUuuaauaccgcuguuaccuua.....	5	1	c15
.....ucuuaauaccgGuguuaccuua.....	3	1	c15
.....ucuuaauaccgcuguuaccuuC.....	6	1	c15
.....ucuuaauaccgcCguuaccuua.....	1	1	c15
.....uAuuaauaccgcuguuaccuua.....	4	1	c15
.....ucuAaauaccgcuguuaccuua.....	2	1	c15
.....ucuuaauaccgUuguuaccuua.....	2	1	c15
.....ucuuaauaccgcugGuaccuua.....	1	1	c15
.....uGuuaauaccgcuguuaccuua.....	2	1	c15
.....ucuuaauaUcgcuguuaccuua.....	7	1	c15
.....ucuuaauaccgcugCuaccuua.....	1	1	c15
.....ucuuaauacUgcuguuaccuua.....	4	1	c15
.....ucuuaGuaccgcuguuaccuua.....	5	1	c15
.....ucuuaauaccgcuguuaccuAa.....	24	1	c15
.....ucuuaUuaccgcuguuaccuua.....	1	1	c15
.....ucuuaauaccgcuguuaccGua.....	14	1	c15
.....ucuuCauaccgcuguuaccuua.....	1	1	c15
.....ucuuaauaccgcuguuacUuua.....	8	1	c15
.....ucuuaauacUgcuguuaccuuaa.....	26	1	c15
.....uAuuaauaccgcuguuaccuuaa.....	27	1	c15
.....ucuuaauaccgcuguuaccuCaa.....	25	1	c15
.....ucuuaauaccgcuguuaccuuaC.....	33	1	c15
.....ucuAaauaccgcuguuaccuuaa.....	7	1	c15
.....ucuuaauaccgcAguuaccuuaa.....	13	1	c15
.....ucuuaauaccgcuAuuaccuuaa.....	15	1	c15
.....ucuuaauaccgcuguuaccuuUa.....	15	1	c15
.....ucuuaaGaccgcuguuaccuuaa.....	2	1	c15
.....ucuuaauaGcgcuguuaccuuaa.....	2	1	c15
.....ucuuaauaccgcuguuaccuuCa.....	5	1	c15
.....ucuuaauaccgcuguuacUuuaa.....	30	1	c15
.....ucuuaauaccgcuguuGccuuaa.....	19	1	c15
.....ucuuaauaccgcuguuaccuuaa.....	60093	0	c15
.....ucuuaauaccgcuguuUccuuaa.....	2	1	c15
.....ucuuaauaccgcuguuaccuuaU.....	785	1	c15
.....ucuuaauaccgcuguCaccuuaa.....	14	1	c15
.....ucuuaauaccgcCguuaccuuaa.....	16	1	c15
.....ucuuaauaccgcuguuaccGuaa.....	43	1	c15
.....ucuuaauaccgAuguuaccuuaa.....	6	1	c15
.....uGuuaauaccgcuguuaccuuaa.....	48	1	c15
.....ucuuaauaccgGuguuaccuuaa.....	6	1	c15
.....ucuuaaAaccgcuguuaccuuaa.....	11	1	c15
.....uUuuaauaccgcuguuaccuuaa.....	30	1	c15
.....Gcuuaauaccgcuguuaccuuaa.....	5	1	c15
.....ucuuaaCaccgcuguuaccuuaa.....	7	1	c15
.....ucAuaauaccgcuguuaccuuaa.....	14	1	c15
.....ucuuaauaccgcuguAaccuuaa.....	7	1	c15
.....ucuuaauaccgcuguuaGcuuaa.....	5	1	c15
.....ucuuaauaccgcuguuaUcuuaa.....	18	1	c15
.....ucuuaauaccgcuguGaccuuaa.....	7	1	c15
.....ucuuaGuaccgcuguuaccuuaa.....	22	1	c15
.....ucuuaauaccgcuguuaccuAaa.....	18	1	c15
.....ucuuaauaccgcuguuacAuuaa.....	19	1	c15
.....ucuuaauaccgcuguuaAcuuaa.....	4	1	c15
.....ucuuaauaccgcugAuaccuuaa.....	11	1	c15
.....ucuuaauaccCcuguuaccuuaa.....	2	1	c15
.....ucuuaauaUcgcuguuaccuuaa.....	14	1	c15
.....ucuuaauaccgcuguuaccAuaa.....	27	1	c15
.....ucuuUauaccgcuguuaccuuaa.....	4	1	c15
.....ucuuaauaccgUuguuaccuuaa.....	9	1	c15
.....ucuuaauaAcgcuguuaccuuaa.....	9	1	c15
.....Acuuaauaccgcuguuaccuuaa.....	33	1	c15
.....ucuuaauaccgcuguuaccCuaa.....	13	1	c15
.....ucuuGauaccgcuguuaccuuaa.....	12	1	c15
.....ucuuaauacGgcuguuaccuuaa.....	1	1	c15

Star Mature

ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauacucuuaauaccgcuguuaccuuaacgaugcucaguaaacgcaca

.....ucuuaauaccgcuguuaccuuGa.....	8	1	c15
.....ucuuaCuaccgcuguuaccuuaa.....	2	1	c15
.....ucuuaauaccAcuguuaccuuaa.....	36	1	c15
.....ucuuaauacAgcuguuaccuuaa.....	10	1	c15
.....ucuuaUuaccgcuguuaccuuaa.....	9	1	c15
.....ucuCaauaccgcuguuaccuuaa.....	20	1	c15
.....Ccuuaauaccgcuguuaccuuaa.....	26	1	c15
.....ucuuaauaccUcuguuaccuuaa.....	8	1	c15
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.....ucuuaauaccAcuguuacc.....	1	1	c09
.....ucuuaauaAcgcuguuacc.....	1	1	c09
.....uUuuaauaccgcuguuacc.....	2	1	c09
.....ucuuaauaccgcuguuacA.....	2	1	c09
.....ucuuaauaccgcuCuuacc.....	1	1	c09
.....Gcuuaauaccgcuguuacc.....	46	1	c09
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.....ucuuaauaccgcuguuaccA.....	2	1	c09
.....Gcuuaauaccgcuguuaccu.....	40	1	c09
.....ucuuaauaccgcuguuGccu.....	1	1	c09
.....ucuuaauaccgcuCuuaccu.....	1	1	c09
.....ucuuaauaccCcuguuaccu.....	1	1	c09
.....ucuuaauaccAcuguuaccu.....	1	1	c09
.....ucuuaauaccgcuguuaccu.....	415	0	c09
.....ucuuaauaccgcuguuacAu.....	1	1	c09
.....ucuuaauaccgcugAuaccu.....	1	1	c09
.....Acuuaauaccgcuguuaccu.....	2	1	c09
.....ucuuaauaccgcuguuaUcu.....	1	1	c09
.....ucGuaauaccgcuguuaccu.....	1	1	c09
.....ucuuUauaccgcuguuaccu.....	1	1	c09
.....ucuuaaAaccgcuguuaccu.....	1	1	c09
.....ucuuaauaccgAuguuaccu.....	1	1	c09
.....ucuuaauaccgcuguuaccC.....	4	1	c09
.....Ccuuaauaccgcuguuaccu.....	1	1	c09
.....ucuuaauaccgcuUuuaccu.....	1	1	c09
.....ucuuaauacAgcuguuaccu.....	1	1	c09
.....ucuuaauaccgcuguuaccuu.....	1407	0	c09
.....uAuuaauaccgcuguuaccuu.....	1	1	c09
.....ucuCaauaccgcuguuaccuu.....	1	1	c09
.....ucuuaauaccgcugAuaccuu.....	1	1	c09
.....ucuuaauaAcgcuguuaccuu.....	2	1	c09
.....ucuuaauaccgcAguuaccuu.....	1	1	c09
.....ucuuaauacAgcuguuaccuu.....	4	1	c09
.....ucuuaauaccCcuguuaccuu.....	2	1	c09
.....ucuuaauCccgcuguuaccuu.....	1	1	c09
.....ucuuaauaccgcuguuaccuG.....	2	1	c09
.....ucuuaauaccgcuguuacUuu.....	1	1	c09
.....ucuuaauaccgcuguuaccuA.....	3	1	c09
.....ucuuGauaccgcuguuaccuu.....	1	1	c09
.....ucuuaauaccgcuguuCccuu.....	1	1	c09
.....ucuuaauaccgcuguuaccuC.....	3	1	c09
.....ucuuaauaccgcuUuuaccuu.....	1	1	c09
.....Acuuaauaccgcuguuaccuu.....	10	1	c09
.....ucuuaCuaccgcuguuaccuu.....	1	1	c09
.....ucuuaauaccAcuguuaccuu.....	1	1	c09
.....ucuuaauaccgcuguuGccuu.....	1	1	c09
.....ucGuaauaccgcuguuaccuu.....	1	1	c09
.....ucuuaauaUcgcuguuaccuu.....	1	1	c09
.....ucuuaauaccgcuCuuaccuu.....	3	1	c09
.....ucuuaauaccgcuguuacAuu.....	2	1	c09
.....ucuuaauacGgcuguuaccuu.....	1	1	c09
.....ucuuaauaccgcuAuuaccuu.....	1	1	c09
.....Gcuuaauaccgcuguuaccuu.....	118	1	c09
.....ucuuaaAaccgcuguuaccuu.....	1	1	c09
.....ucuuaauaccgcuguuaccCu.....	3	1	c09
.....ucuAaauaccgcuguuaccuu.....	1	1	c09
.....ucuuaauaccgcugCuaccuua.....	1	1	c09

Star Mature

ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauacucuuaauaccgcuguuaccuuaacgaugcucaguaaacgcaca

.....ucuuaauacAgcuguuaccuua.....	5	1	c09
.....ucuuaauaccgcuCuuaccuua.....	2	1	c09
.....ucuuaauaccgcuguuaccuuU.....	26	1	c09
.....ucuuaauaccgUuguuaccuua.....	1	1	c09
.....ucuuaauaccgcuguuaccAua.....	1	1	c09
.....ucuuaauaccgcuguCaccuua.....	1	1	c09
.....ucuuGauaccgcuguuaccuua.....	1	1	c09
.....ucuuUauaccgcuguuaccuua.....	1	1	c09
.....ucuuaauCccgcuguuaccuua.....	1	1	c09
.....ucuuaGuaccgcuguuaccuua.....	1	1	c09
.....ucuuaauaccAcuguuaccuua.....	1	1	c09
.....ucuuaauaccgcAguuaccuua.....	1	1	c09
.....ucuuaauaccUcuguuaccuua.....	2	1	c09
.....ucuuaauaccgcuguuaccuAa.....	3	1	c09
.....Gcuuaauaccgcuguuaccuua.....	158	1	c09
.....ucAuaauaccgcuguuaccuua.....	1	1	c09
.....ucuuaauaccgcuguuaAcuua.....	2	1	c09
.....ucuuaaAaccgcuguuaccuua.....	2	1	c09
.....ucuGaauaccgcuguuaccuua.....	1	1	c09
.....ucuuaauaAcgcuguuaccuua.....	1	1	c09
.....ucuuaauaccgcuguuaccuuG.....	8	1	c09
.....ucuuaauaccgcuguuacAuua.....	5	1	c09
.....uUuuaauaccgcuguuaccuua.....	3	1	c09
.....ucuuaauaccgcugAuaccuua.....	1	1	c09
.....ucuuaauaccgcugGuaccuua.....	1	1	c09
.....ucuuaauaccgcuAuuaccuua.....	1	1	c09
.....ucuuaauaccgcuguuaccuua.....	2007	0	c09
.....ucuuaauaccgcuguuCccuua.....	1	1	c09
.....ucuuaauacUgcuguuaccuua.....	2	1	c09
.....ucuuaauaccgcuguuacUuua.....	2	1	c09
.....ucuAaauaccgcuguuaccuua.....	1	1	c09
.....Acuuaauaccgcuguuaccuua.....	10	1	c09
.....ucuuaauaccgcuguuaUcuua.....	1	1	c09
.....ucuuaauaccgcuguuaccuuC.....	5	1	c09
.....ucAuaauaccgcuguuaccuuaa.....	3	1	c09
.....Acuuaauaccgcuguuaccuuaa.....	21	1	c09
.....ucuuaauUccgcuguuaccuuaa.....	1	1	c09
.....ucuuaauaccUcuguuaccuuaa.....	3	1	c09
.....ucuuGauaccgcuguuaccuuaa.....	1	1	c09
.....ucuuaauaccgcuguuaccuuUa.....	1	1	c09
.....ucuuaauaccgcugCuaccuuaa.....	1	1	c09
.....ucuuaauacAgcuguuaccuuaa.....	10	1	c09
.....Gcuuaauaccgcuguuaccuuaa.....	242	1	c09
.....ucuuaaAaccgcuguuaccuuaa.....	1	1	c09
.....ucuuaauaccgcuguuaccuuaa.....	2998	0	c09
.....ucuuaauaAcgcuguuaccuuaa.....	3	1	c09
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.....ucuuaauaccgcAguuaccuuaa.....	1	1	c09
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.....ucuuaCuaccgcuguuaccuuaa.....	1	1	c09
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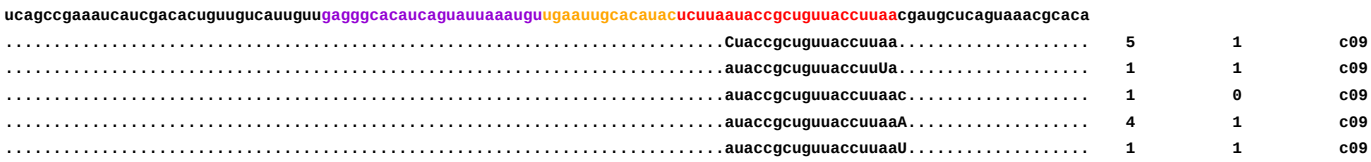
.....ucuuaauaccgcuguuaccuCaa.....	1	1	c09
.....ucuuaauaccgAuguuaccuuaa.....	2	1	c09
.....ucuuaauaccgcuguuCccuuaa.....	1	1	c09
.....ucuuaauaccgcuguuaccuuaU.....	12	1	c09
.....ucuAaauaccgcuguuaccuuaa.....	2	1	c09
.....ucuuaauaccgcuguAaccuuaa.....	2	1	c09
.....ucuuaauaccgcuguuaccuuaC.....	7	1	c09
.....ucuuaauaccgcuUuuaccuuaa.....	1	1	c09
.....ucuCaauaccgcuguuaccuuaa.....	2	1	c09
.....ucuuaauaccgcuguuaccCuaa.....	1	1	c09
.....ucuuaauaccCcuguuaccuuaa.....	2	1	c09
.....uAuuaauaccgcuguuaccuuaa.....	1	1	c09
.....ucGuaauaccgcuguuaccuuaa.....	1	1	c09
.....ucuuaauaccgcuguuaccuAaa.....	2	1	c09
.....ucuuaauaccgcuguuacAuuaa.....	5	1	c09
.....ucuuaauaccgcuguuacUuuaa.....	2	1	c09

Star Mature

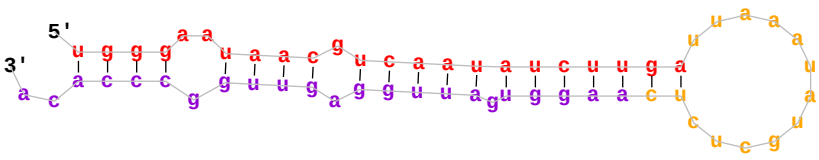
ucagccgaaaucaucgacacuguugucauuguugagggcacaucaguauuaaaauguugaauugcacauacucuuaauaccgcuguuaccuuaacgaugcucaguaaacgcaca

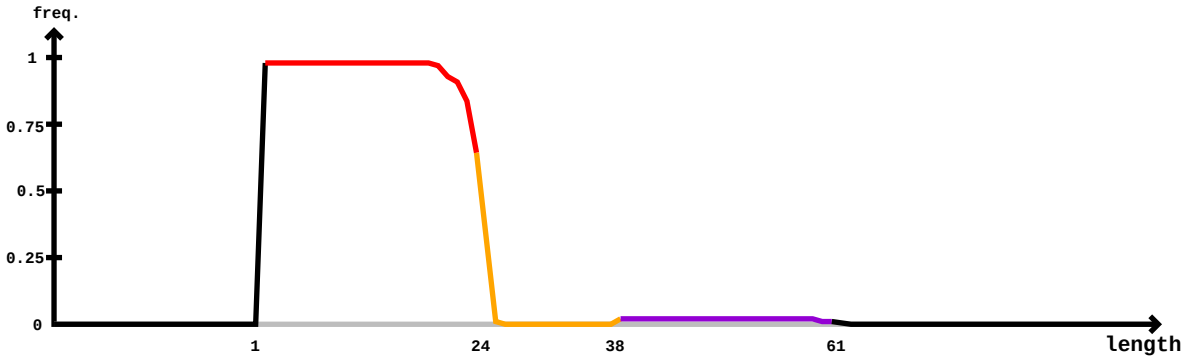
.....uUuuaauaccgcuguuaccuuaa.....	5	1	c09
.....ucuuaauacUgcuguuaccuuaa.....	2	1	c09
.....ucuuaauaccgcugAuaccuuaa.....	2	1	c09
.....ucuuaauaccgcuguuaccuuaaU.....	23	1	c09
.....ucuuaauaccgcuguuaccuuaaG.....	10	1	c09
.....ucuuaauaccgcuguuaccuuaaA.....	83	1	c09
.....ucuuaauaccgcuguuaccuuaCc.....	2	1	c09
.....ucuuaauaccgcuguuaccuuaac.....	15	0	c09
.....ucuuaauaccgcuguuaccuuaaGg.....	1	1	c09
.....ucuuaauaccgcuguuaccuuaacg.....	3	0	c09
.....cuuaauaccgcuguuacc.....	19	0	c09
.....cuuaauaccgcuguuaccu.....	10	0	c09
.....cuuaauaccgcuguuaccuu.....	16	0	c09
.....cuuaauaccgcuguuaccuua.....	41	0	c09
.....cuuaauaccgcuguuaccuAa.....	1	1	c09
.....Uuuaauaccgcuguuaccuua.....	1	1	c09
.....cuuaauacAgcuguuaccuuaa.....	1	1	c09
.....cuuaauaccgcuguuaccuuaa.....	82	0	c09
.....cuuaauaccgcugAuaccuuaa.....	1	1	c09
.....cuuaauaccUcuguuaccuuaa.....	1	1	c09
.....Auuaauaccgcuguuaccuuaa.....	1	1	c09
.....cuuaauaccgcuguuaccuuaaG.....	1	1	c09
.....cuuaauaccgcuguuaccuuaaU.....	1	1	c09
.....cuuaauaccgcuguuaccuuaaA.....	8	1	c09
.....uuaauaccgcuguuaccu.....	3	0	c09
.....uuaauaccCcuguuaccuu.....	1	1	c09
.....uuaauaccgcuguuaccuu.....	18	0	c09
.....Guaauaccgcuguuaccuu.....	1	1	c09
.....Cuaauaccgcuguuaccuu.....	1	1	c09
.....Guaauaccgcuguuaccuua.....	1	1	c09
.....uuaauaccgcuguuaccuua.....	17	0	c09
.....uuaauUccgcuguuaccuua.....	1	1	c09
.....Guaauaccgcuguuaccuuaa.....	1	1	c09
.....uuaauaccgcuCuuaccuuaa.....	1	1	c09
.....uuaauaccgcuguuaccuuaU.....	1	1	c09
.....uuaauaccgcuguuaccuuaa.....	29	0	c09
.....uuaauaccgcuguuaccuuaG.....	1	1	c09
.....uuGauaccgcuguuaccuuaa.....	1	1	c09
.....uuaauaccAcuguuaccuuaa.....	1	1	c09
.....uuaauaccgcuguuaccuuaaA.....	2	1	c09
.....uuaauaccgcuguuaccuuaaAg.....	1	1	c09
.....Aaauaccgcuguuaccuu.....	1	1	c09
.....uaauaccgcuguuaccuu.....	35	0	c09
.....Gaauaccgcuguuaccuu.....	2	1	c09
.....uaauaccgcuguuaccuuC.....	1	1	c09
.....uaauaccgcuguuaccuua.....	61	0	c09
.....Gaauaccgcuguuaccuua.....	6	1	c09
.....uaauaccgAuguuaccuuaa.....	1	1	c09
.....Gaauaccgcuguuaccuuaa.....	4	1	c09
.....uaauaccgcuguuaccuuaa.....	77	0	c09
.....uaauaAcgcuguuaccuuaa.....	1	1	c09
.....uaauaccgcuguuaccuuaC.....	1	1	c09
.....uaauaccgcuguuaccuuaaU.....	1	1	c09
.....uaauaccgcuguuaccuuaaA.....	1	1	c09
.....uaauaccgcuguuaccuuaCcgaugc.....	1	1	c09
.....Cauaccgcuguuaccuua.....	1	1	c09
.....aauaccgcuguuaccuua.....	33	0	c09
.....aauaccgAuguuaccuua.....	1	1	c09
.....aauaccgcuguuCccuua.....	1	1	c09
.....aUuaccgcuguuaccuuaa.....	1	1	c09
.....aauaccgcuCuuaccuuaa.....	1	1	c09
.....aauaccgcuguuaccuuaa.....	52	0	c09
.....aauaccgcuguuaccuuaC.....	1	1	c09
.....aCuaccgcuguuaccuuaa.....	1	1	c09
.....aauaccgcuguuaccuuaaA.....	2	1	c09
.....aauaccgcuguuaccuuaaGg.....	1	1	c09
.....auaccgcuCuuaccuuaa.....	1	1	c09
.....auaccgcuguuacAuuaa.....	1	1	c09
.....auaccUcuguuaccuuaa.....	1	1	c09
.....auaccgcuguuaccuuaa.....	186	0	c09



5	1	c09
1	1	c09
1	0	c09
4	1	c09
1	1	c09

Provisional ID	:	tig00001587_group15_38593
Score total	:	52.8
Score for star read(s)	:	3.9
Score for read counts	:	44
Score for mfe	:	0.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	98
Mature read count	:	96
Loop read count	:	0
Star read count	:	2



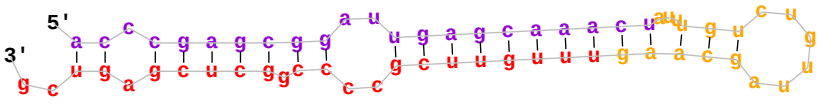


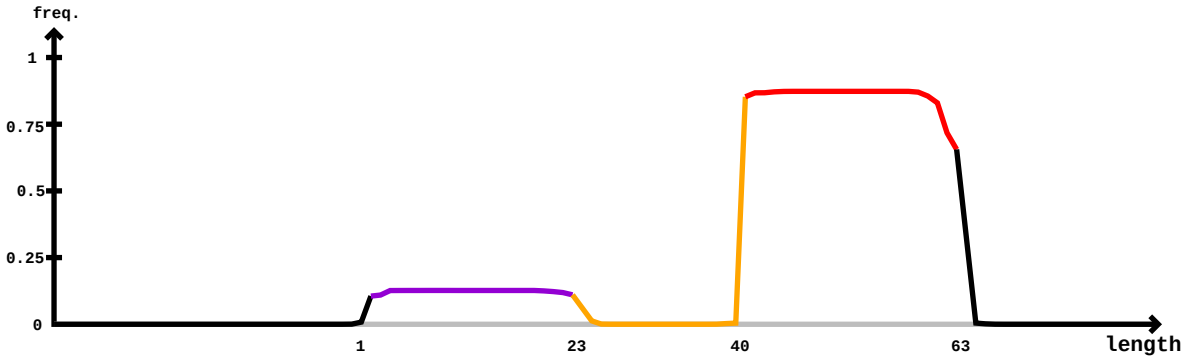
Mature **Star**

```
5'- caaaaauuaagugaaauacgugggaauaacgucaauaucuugauuaaauaugcucucaaggugauuggaguuggcccacauguuucaguuuuucuuauucugucguuuuguga  -3'   obs
    caaaaauuaagugaaauacgugggaauaacgucaauaucuugauuaaauaugcucucaaggugauuggaguuggcccacauguuucaguuuuucuuauucugucguuuuguga        exp
    ........((.(((((((.(((((..((((.(((((((((((.............)))))))..)))))..))))).)))))))..))).....................   reads    mm    sample
    ....................ugggaauaacgucaauaucuuga.....................................................................   2        0     c15

    ....................ugggaauaacgucaauau.........................................................................   1        0     c16
    ....................ugggaauaacgucaauauc........................................................................   4        0     c16
    ....................ugggaauaacgucaauaucu.......................................................................   2        0     c16
    ....................Ggggaauaacgucaauaucuu......................................................................   1        1     c16
    ....................ugggaauaacgucaauaucuu......................................................................   6        0     c16
    ....................ugggaauaacgucaauaucuug.....................................................................   17       0     c16
    ....................Ggggaauaacgucaauaucuug.....................................................................   1        1     c16
    ....................ugggaauaacgucaauaucuuU.....................................................................   1        1     c16
    ....................ugggaauaacgucaauaucuuga....................................................................   39       0     c16
    ....................Ggggaauaacgucaauaucuuga....................................................................   7        1     c16
    ....................ugggaauaacgucaauaucuugau...................................................................   13       0     c16
    ....................Ggggaauaacgucaauaucuugau...................................................................   1        1     c16
    ....................ugggaauaacgucaauaucuugauA..................................................................   1        1     c16
    ..........................................................aaggugauuggaguuggccca.....................................   1        0     c16
    ..........................................................aaggugauuggaguuggcccaca...................................   1        0     c16
```

Provisional ID	:	tig00001587_group15_38596
Score total	:	47612.3
Score for star read(s)	:	3.9
Score for read counts	:	47602
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	93381
Mature read count	:	81544
Loop read count	:	2
Star read count	:	11835





Star **Mature**

```
5'- gacgucagaggcaugacaugacagcgagacaacccgagcggauugagcaaacuauuugucuguuagcaaguuuguucgccccggcucgagucguuuggcgucauaguucacca -3'   obs
    gacgucagaggcaugacaugacagcgagacaacccgagcggauugagcaaacuauuugucuguuagcaaguuuguucgccccggcucgagucguuuggcgucauaguucacca      exp
    ...((((......))))(((((.((.((((.((.(((((((..((((((((((...(((......)))))))))))))..))).))))))..)).))))..)))))).....  reads  mm  sample
    ..............................acccgagcggauugagcaaacu.....................................................................  1      0   c09
    ..................................................................Guuguucgccccggcucga.....................................  1      1   c09
    ..................................................................uuuguucgccccggcucgagu...................................  1      0   c09
    ..................................................................uuuguucgccccggcucgaguc..................................  1      0   c09
    ..................................................................uuuguucgccccggcucgagucg.................................  8      0   c09

    .....................acagcgagacaacccgagcg.....................................................................  1      0   c16
    ...........................caacccgagcggauugagca.....................................................................  1      0   c16
    ...........................caacccgagcggauugagcaa....................................................................  10     0   c16
    ...........................caacccgagcggauugagcaaa...................................................................  8      0   c16
    ...........................caacccgagcggauugagcaaac..................................................................  5      0   c16
    ...........................caacccgagcggauugagcaaacu.................................................................  16     0   c16
    ...........................aacccgagcggauugagc.......................................................................  8      0   c16
    ...........................aacccgagcggauuCagca......................................................................  1      1   c16
    ...........................Cacccgagcggauugagca......................................................................  2      1   c16
    ...........................aacccgagcggauugagca......................................................................  22     0   c16
    ...........................aaAccgagcggauugagcaa.....................................................................  1      1   c16
    ...........................Cacccgagcggauugagcaa.....................................................................  7      1   c16
    ...........................aacccgagcggauugagcaa.....................................................................  81     0   c16
    ...........................aacAcgagcggauugagcaaa....................................................................  1      1   c16
    ...........................Cacccgagcggauugagcaaa....................................................................  12     1   c16
    ...........................aacccgagcggauugagcaaa....................................................................  69     0   c16
    ...........................aacccgaCcggauugagcaaac...................................................................  1      1   c16
    ...........................aacccgagcggaGugagcaaac...................................................................  1      1   c16
    ...........................Cacccgagcggauugagcaaac...................................................................  17     1   c16
    ...........................aacccgagcggauugagcaCac...................................................................  2      1   c16
    ...........................aacccgagcggauugagcaaaA...................................................................  2      1   c16
    ...........................aacccgagcggauugagcaaaU...................................................................  1      1   c16
    ...........................aaccAgagcggauugagcaaac...................................................................  1      1   c16
    ...........................aacccgagcggauugagcaaac...................................................................  143    0   c16
    ...........................aacccgagcggauugagcaaacu..................................................................  297    0   c16
    ...........................aacccgagcgCauugagcaaacu..................................................................  1      1   c16
    ...........................aacccgagcggauugagAaaacu..................................................................  2      1   c16
```

Star Mature

gacgucagaggcaugacaugacagcgagacaacccgagcggauugagcaaacuauuugucuguuagcaaguuuguucgccccggcucgagucguuuggcgucauaguucacca

.....aacccgagcggauugagcaaacA.....	5	1	c16
.....aacccCagcggauugagcaaacu.....	1	1	c16
.....Cacccgagcggauugagcaaacu.....	25	1	c16
.....aacccgagcggauugCgcaaacu.....	2	1	c16
.....aacccgCgcggauugagcaaacu.....	1	1	c16
.....aacccgagcggauugagcaaacua.....	2	0	c16
.....aacccgagcggauugagcaaacuC.....	1	1	c16
.....aacccgagcggauugagcaaacuG.....	1	1	c16
.....aacccgagcggauugagcaaacuau.....	1	0	c16
.....acccgagcggauugagca.....	90	0	c16
.....acccgagUggauugagca.....	1	1	c16
.....Ccccgagcggauugagca.....	29	1	c16
.....acUcgagcggauugagca.....	1	1	c16
.....acccgagcggauugagAaa.....	1	1	c16
.....Ccccgagcggauugagcaa.....	35	1	c16
.....acccgagcggauugagcaa.....	105	0	c16
.....accUgagcggauugagcaa.....	1	1	c16
.....acccgGgcggauugagcaa.....	1	1	c16
.....acccgagcggauuCagcaaa.....	1	1	c16
.....acccgaCcggauugagcaaa.....	1	1	c16
.....acccgagcggauugagAaaa.....	1	1	c16
.....acccgagAggauugagcaaa.....	1	1	c16
.....acccgagcggauugagcaaa.....	171	0	c16
.....Ccccgagcggauugagcaaa.....	59	1	c16
.....acccgCgcggauugagcaaa.....	1	1	c16
.....acccgagcggauugagcaaac.....	424	0	c16
.....acccCagcggauugagcaaac.....	2	1	c16
.....acccgagcggauugagcaCac.....	1	1	c16
.....Ccccgagcggauugagcaaac.....	130	1	c16
.....acccgagcggauAgagcaaac.....	1	1	c16
.....acccgagcggauugagAaaac.....	1	1	c16
.....accAgagcggauugagcaaac.....	2	1	c16
.....aAccgagcggauugagcaaac.....	1	1	c16
.....acccgagcggauugagUaaac.....	1	1	c16
.....Gcccgagcggauugagcaaac.....	2	1	c16
.....acccgagcggauuCagcaaac.....	1	1	c16
.....acccgagcggauugagcaaaA.....	2	1	c16
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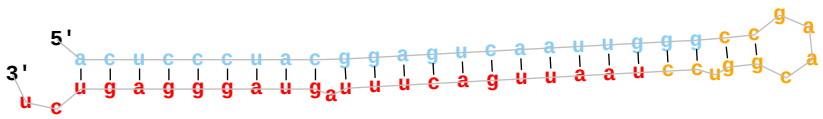
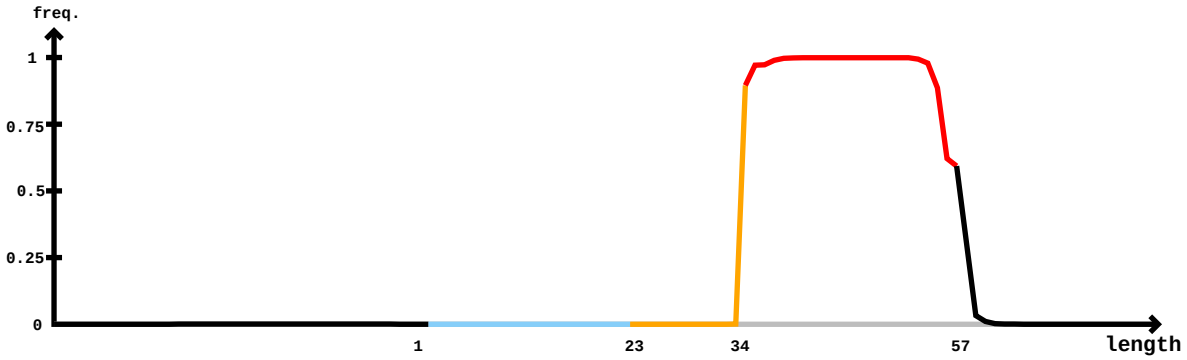
.....Ccccgagcggauugagcaaac.....	1	1	c02
.....acccgagcggauugagcaaac.....	1	0	c02
.....Ccccgagcggauugagcaaacu.....	1	1	c02
.....uuuguucgccccggcucga.....	2	0	c02
.....uuuguucgccccggcucgag.....	2	0	c02
.....uuuguucgccccggcucgagu.....	1	0	c02
.....uuuguucgccccggcucgaguc.....	2	0	c02
.....uuuguucgccccggcucgagucg.....	31	0	c02
.....Guuguucgccccggcucgagucg.....	10	1	c02
.....Guuguucgccccggcucgagucgu.....	1	1	c02

Provisional ID	:	tig00001826_42952
Score total	:	5.3
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1318
Mature read count	:	1318
Loop read count	:	0
Star read count	:	0





Star **Mature**

```
5'- ccagguucaccugccugcacggaggcugucguacggcacucccuacggagucaauugggccgaacgguccuaauugacuuuaguagggagucuuaaaaaacauauacuauagg  -3'    exp
    .(((((......)))))........((((((...))))))((((((((((((((((((((((((....)).))))))))))))))).))))))).....................  reads      mm         sample
    ..........ugccugcacggaggcugucguac.....................................................................................  1          0          c15
    ..........................................................uaauugacuuuaguagggagucA.....................................  1          1          c15
    ..........................................................uaauugacuuuaguagggagucu.....................................  2          0          c15
    ..........................................................uaauugacuuuaguagggagucuu....................................  2          0          c15
    ..........................................................uaauugacuuuGguagggagucuu....................................  1          1          c15
    ..........................................................uaauugacuuuaguagggagucuuaa..................................  3          0          c15
    ..........................................................aauugacuCuaguagggagucu......................................  1          1          c15
    ..........................................................aauugacuuuaguagggagucuua....................................  1          0          c15

    ..........................................................uaauugacuuuaguaggg..........................................  2          0          c02
    ..........................................................Gaauugacuuuaguaggga.........................................  3          1          c02
    ..........................................................uaauugacuuuaguaggga.........................................  9          0          c02
    ..........................................................uaauugacuuuaguaggUa.........................................  1          1          c02
    ..........................................................uaauugacuuuaguaggCag........................................  1          1          c02
    ..........................................................Gaauugacuuuaguagggag........................................  10         1          c02
    ..........................................................uaauugacuuuaguagggag........................................  97         0          c02
    ..........................................................uaauugCcuuuaguagggagu.......................................  1          1          c02
    ..........................................................uaauugacuuuaguagggaCu.......................................  1          1          c02
    ..........................................................uaauugacuuuaguUgggagu.......................................  1          1          c02
    ..........................................................uaauugacuAuaguagggagu.......................................  1          1          c02
    ..........................................................uaauCgacuuuaguagggagu.......................................  1          1          c02
    ..........................................................uaauugacuuuaguagggagu.......................................  209        0          c02
    ..........................................................uaauugacuuuaguagCgagu.......................................  1          1          c02
    ..........................................................uaauAgacuuuaguagggagu.......................................  1          1          c02
    ..........................................................uaauugacGuuaguagggagu.......................................  2          1          c02
    ..........................................................Gaauugacuuuaguagggagu.......................................  34         1          c02
    ..........................................................Gaauugacuuuaguagggaguc......................................  1          1          c02
    ..........................................................uaauugacuuuaguagggaguc......................................  3          0          c02
    ..........................................................Gaauugacuuuaguagggagucu.....................................  15         1          c02
    ..........................................................uaauugacuuuaguagggaguUu.....................................  1          1          c02
    ..........................................................uaauugacuuuaguagCgagucu.....................................  1          1          c02
    ..........................................................uaauugacuuuaguagggagucu.....................................  70         0          c02
    ..........................................................uaauugacuuuaguaggUagucuu....................................  1          1          c02
    ..........................................................Gaauugacuuuaguagggagucuu....................................  9          1          c02
```

Star Mature

ccagguucaccugccugcacggaggcugucguacggcacucccuacggagucaauugggccgaacgguccuaauugacuuuaguagggagucuuaaaaaacauauacuauagg

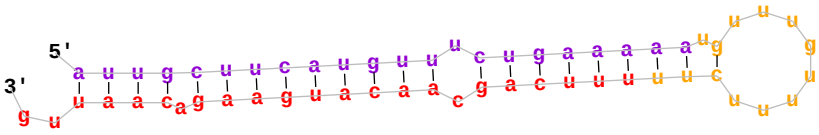
.....uaauugacuuuaguagggagucuC.....	1	1	c02
.....uaauugacuuuaguagggagucuu.....	65	0	c02
.....uaauugacuuuaguagggagucuua.....	4	0	c02
.....uaauugacuuuaguagggagucuuU.....	2	1	c02
.....uaauugacuuuaguagggagucuuaU.....	1	1	c02
.....uaauugacuuuaguagggagucuuaaaaa.....	1	0	c02
.....aauugacuCuaguagggagucu.....	6	1	c02
.....auugacuuuaguagggag.....	1	0	c02
.....uugacuuuaguagggagu.....	5	0	c02
.....uugacuuuaguagggagucu.....	4	0	c02
.....uugacuuuaguagggagucuu.....	1	0	c02
.....Auaauugacuuuaguagggaguc.....	1	1	c09
.....uaauugacuuuaguaggga.....	4	0	c09
.....uaauugacuuuaguagggag.....	9	0	c09
.....uaauugacuuuaguagggagu.....	32	0	c09
.....uaauugacuuuaguaggUagu.....	1	1	c09
.....Gaauugacuuuaguagggagu.....	5	1	c09
.....Caauugacuuuaguagggagu.....	1	1	c09
.....Gaauugacuuuaguagggaguc.....	1	1	c09
.....uaauugaUuuuaguagggaguc.....	1	1	c09
.....uaauugacuuuaguagggaguc.....	8	0	c09
.....uaauugacuuuaguagggagucA.....	1	1	c09
.....uaauugacuuuaguagggagucu.....	37	0	c09
.....Gaauugacuuuaguagggagucu.....	2	1	c09
.....uaauugacuuuaguagggagucC.....	1	1	c09
.....uaauugacuuuaguagggagucuu.....	57	0	c09
.....Gaauugacuuuaguagggagucuu.....	2	1	c09
.....uaauugCcuuuaguagggagucuu.....	1	1	c09
.....uaauugaGuuuaguagggagucuu.....	1	1	c09
.....uaauugacuuuaguagggagucuuU.....	8	1	c09
.....uaauugacuuuaguagggagucuuC.....	1	1	c09
.....uaauugacuuuaguagggagucuua.....	3	0	c09
.....Gaauugacuuuaguagggagucuuaa.....	1	1	c09
.....uaauugacuuuaguagggagucuuaa.....	3	0	c09
.....uaauugacuuuaguagggagucuuaaa.....	1	0	c09
.....aauugacuCuaguagggagucu.....	7	1	c09
.....aauugacuuuaguagggagucu.....	1	0	c09
.....aaAugacuuuaguagggagucuu.....	1	1	c09
.....aUuugacuuuaguagggagucuua.....	1	1	c09
.....uugacuuuaguagggagu.....	1	0	c09
.....uugacuuuaguagggagucu.....	3	0	c09
.....uugacuCuaguagggagucu.....	1	1	c09
.....uugacuuuaguagggagucuu.....	1	0	c09
.....uugacuuuaCuagggagucuua.....	1	1	c09
.....uugacuuuaguagggagucuuCa.....	1	1	c09
.....uugacuuuaguagggagucuuaa.....	1	0	c09
.....ugacuCuaguagggagucu.....	2	1	c09
.....ugacuuuaguagggagucu.....	1	0	c09
.....ugacuuuaguagggagucuu.....	4	0	c09
.....Ggacuuuaguagggagucuu.....	1	1	c09
.....ugacuuuaguagggagucuua.....	2	0	c09
.....gacuuuaguagggagucuu.....	1	0	c09
.....acuuuaguagggagucuuU.....	1	1	c09
.....uaauugacuuuaguaggg.....	5	0	c16
.....Gaauugacuuuaguaggga.....	1	1	c16
.....uaauugacuuuaguaggga.....	2	0	c16
.....uaauugacuuuaguagggag.....	2	0	c16
.....Gaauugacuuuaguagggag.....	1	1	c16
.....uaauugacuuuaguagggaCu.....	1	1	c16
.....uaauugacuuuaguagggagu.....	47	0	c16
.....Gaauugacuuuaguagggagu.....	5	1	c16
.....Gaauugacuuuaguagggaguc.....	6	1	c16
.....uaauugacuuuaguagggaguc.....	15	0	c16
.....uaauugacuuuaguagggaguU.....	1	1	c16
.....uaauugacuuuaguagAgagucu.....	1	1	c16
.....uaauugacuuuaguagggagucA.....	1	1	c16
.....Aaauugacuuuaguagggagucu.....	2	1	c16
.....uaauugacuuuaguaggUagucu.....	1	1	c16

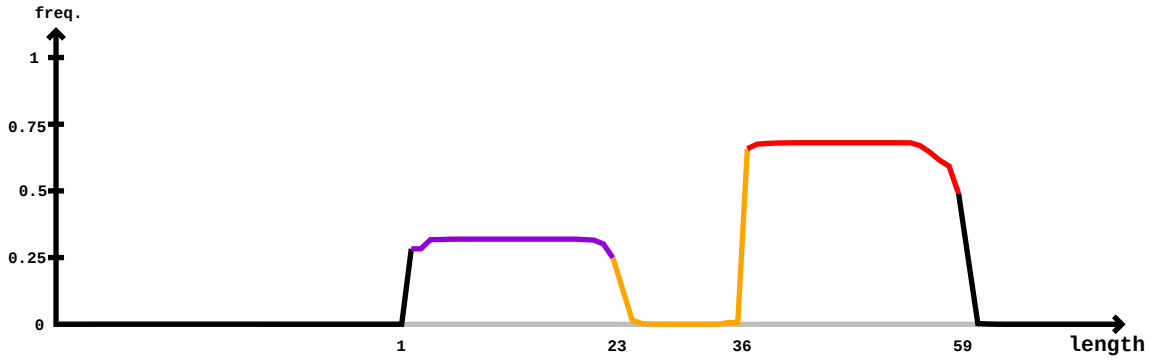
Star Mature

ccagguucaccugccugcacggaggcugucguacggcacucccuacggagucaauugggccgaacggucccuaauugacuuuaguagggagucuuaaaaaacauauacuauagg

.....uaauugacuuuaguagggagucu.....	277	0	c16
.....Gaauugacuuuaguagggagucu.....	26	1	c16
.....uaauugacuuuaguagggaUucu.....	1	1	c16
.....uaauugacuuuaguagUgagucu.....	1	1	c16
.....uaauugacGuuaguagggagucu.....	1	1	c16
.....uaauugacAuuaguagggagucu.....	3	1	c16
.....Gaauugacuuuaguagggagucuu.....	1	1	c16
.....uaauugacuuuaguaggUagucuu.....	1	1	c16
.....uaauugacuuuaguagggagucuu.....	29	0	c16
.....uaauugacuuuaguagggagucuA.....	2	1	c16
.....uaauugacuuuaguagggagucuuU.....	4	1	c16
.....uaauugacuuuaguagggagucuAaa.....	1	1	c16
.....uaauugacuuuaguagggagucuAaaa.....	1	1	c16
.....aaCugacuuuaguagggagucu.....	1	1	c16
.....aauugacuuuaguagggagucu.....	3	0	c16
.....aauugacuCuaguagggagucu.....	74	1	c16
.....aauugacuCuaguagggagucuu.....	1	1	c16
.....auugacuuuaguagggagucu.....	1	0	c16
.....uugacuuuaguagggagucu.....	1	0	c16
.....uugacuuuaguagggagucuu.....	1	0	c16
.....uugacuuuaguagggagucuuU.....	1	1	c16
.....gacuuuaguagggagucu.....	1	0	c16
.....uaauugacuuuaguagggag.....	1	0	c04
.....uaauugacuuuaguagggagucu.....	1	0	c04
.....aauugacuCuaguagggagucu.....	3	1	c04

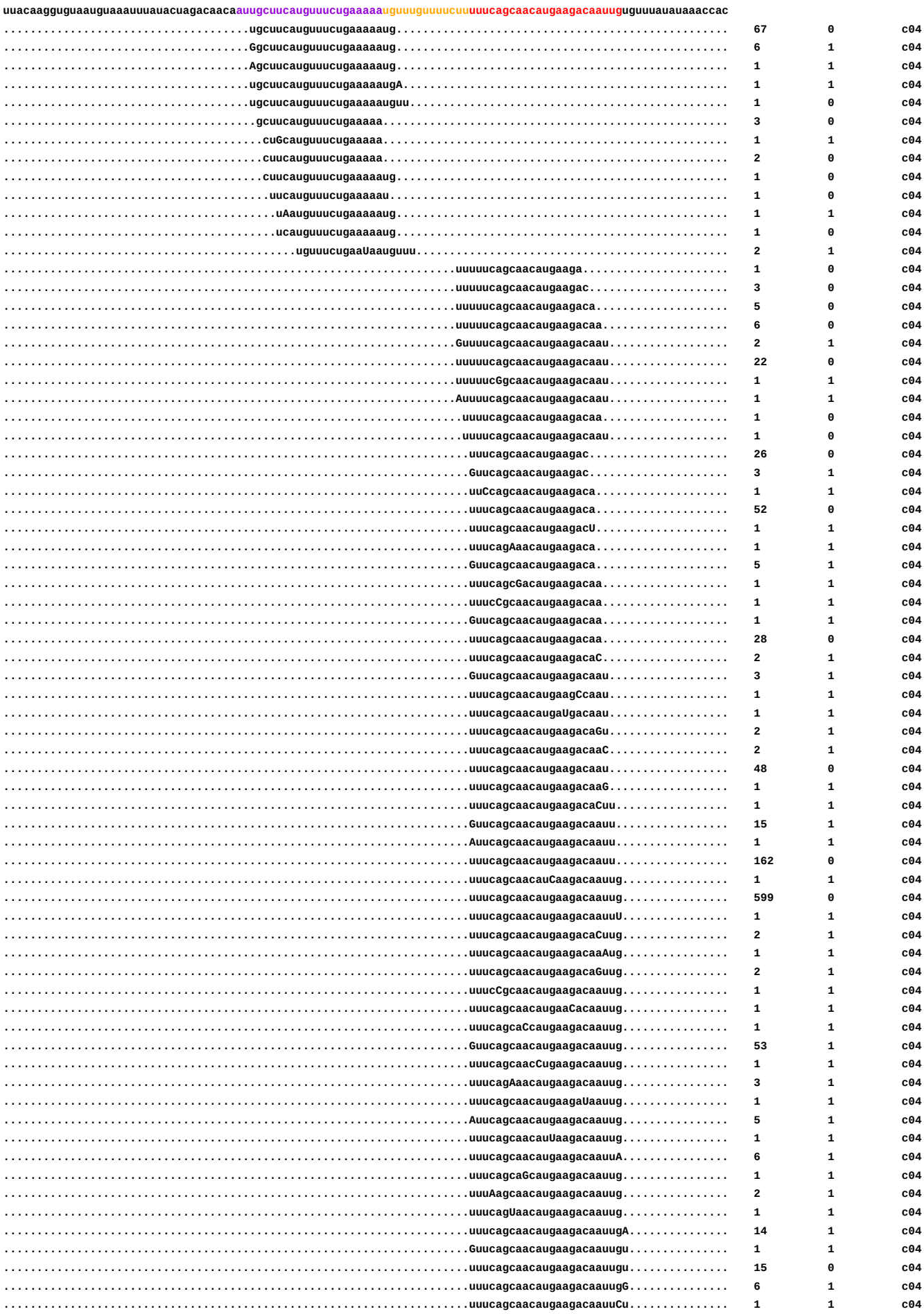
Provisional ID	:	tig00001972_43491
Score total	:	13268.3
Score for star read(s)	:	3.9
Score for read counts	:	13262.2
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	26025
Mature read count	:	17716
Loop read count	:	0
Star read count	:	8309





Star **Mature**

```
5'- uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaaugcuuuguuuucuuuuucagcaacaugaagacaauuguguuuauauaaaccac  -3'    obs
    uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaaugcuuuguuuucuuuuucagcaacaugaagacaauuguguuuauauaaaccac        exp
    (((((........)))))).((((((.((((((.(((((((((((((((.(((((((.(........))))))))).))))))))).)))))))))))))))....  reads      mm         sample
    Auacaagguguaauguaaauuuauacu.....................................................................................  1          1          c04
    .uacaagguguaauguaaau............................................................................................  1          0          c04
    .uacaagguguaauguaaauu...........................................................................................  1          0          c04
    ..acaagguguaauguaaauuu..........................................................................................  1          0          c04
    ................................Uauugcuucauguuucugaaaaa.........................................................  1          1          c04
    ................................auugcuucauguuucuga..............................................................  12         0          c04
    ................................auugcuucauguuucugaa.............................................................  1          0          c04
    ................................auugcuucauguuucugaaa............................................................  13         0          c04
    ................................auugcuucauguuucugaaaa...........................................................  43         0          c04
    ................................auugUuucauguuucugaaaa...........................................................  1          1          c04
    ................................auugcuucauguuucugaaaG...........................................................  1          1          c04
    ................................auugcuucauguuucugaaaCa..........................................................  1          1          c04
    ................................Cuugcuucauguuucugaaaaa..........................................................  11         1          c04
    ................................auugcuucauguuucugaaaaa..........................................................  224        0          c04
    ................................auugcuucauguuucuAaaaaa..........................................................  3          1          c04
    ................................auugcuucauguuucugaaaaC..........................................................  1          1          c04
    ................................auugcuAcauguuucugaaaaa..........................................................  1          1          c04
    ................................Guugcuucauguuucugaaaaa..........................................................  1          1          c04
    ................................auugcuucauguuucuUaaaaa..........................................................  1          1          c04
    ................................auugcuucaGguuucugaaaaa..........................................................  1          1          c04
    ................................auugcuucauguuucugaaaaaC.........................................................  6          1          c04
    ................................auugcuucauguuucugaaaaaA.........................................................  19         1          c04
    ................................auugcuucauguuucugaaaaaAg........................................................  1          1          c04
    ..................................ugcuucauguuucugaaa............................................................  5          0          c04
    ..................................Cgcuucauguuucugaaaa...........................................................  1          1          c04
    ..................................ugcuucauguuucugaaaa...........................................................  16         0          c04
    ..................................ugcuucauguuucugaaaaa..........................................................  11         0          c04
    ..................................Ggcuucauguuucugaaaaa..........................................................  1          1          c04
    ..................................ugcuucauguuucugaaaaU..........................................................  2          1          c04
    ..................................ugcuucauguuucugaaaaau.........................................................  26         0          c04
    ..................................Ggcuucauguuucugaaaaau.........................................................  3          1          c04
    ..................................ugcuucauguuucugaaaaUu.........................................................  2          1          c04
    ..................................ugcuucauguuucugaaaaaA.........................................................  1          1          c04
```



.....ugcuucauguuucugaaaaaug.....	67	0	c04
.....Ggcuucauguuucugaaaaaug.....	6	1	c04
.....Agcuucauguuucugaaaaaug.....	1	1	c04
.....ugcuucauguuucugaaaaaugA.....	1	1	c04
.....ugcuucauguuucugaaaaauguu.....	1	0	c04
.....gcuucauguuucugaaaaa.....	3	0	c04
.....cuGcauguuucugaaaaa.....	1	1	c04
.....cuucauguuucugaaaaa.....	2	0	c04
.....cuucauguuucugaaaaaug.....	1	0	c04
.....uucauguuucugaaaaau.....	1	0	c04
.....uAauguuucugaaaaaug.....	1	1	c04
.....ucauguuucugaaaaaug.....	1	0	c04
.....uguuucugaaUaauguuu.....	2	1	c04
.....uuuuucagcaacaugaaga.....	1	0	c04
.....uuuuucagcaacaugaagac.....	3	0	c04
.....uuuuucagcaacaugaagaca.....	5	0	c04
.....uuuuucagcaacaugaagacaa.....	6	0	c04
.....Guuuucagcaacaugaagacaau.....	2	1	c04
.....uuuuucagcaacaugaagacaau.....	22	0	c04
.....uuuuucGgcaacaugaagacaau.....	1	1	c04
.....Auuuucagcaacaugaagacaau.....	1	1	c04
.....uuuucagcaacaugaagacaa.....	1	0	c04
.....uuuucagcaacaugaagacaau.....	1	0	c04
.....uuucagcaacaugaagac.....	26	0	c04
.....Guucagcaacaugaagac.....	3	1	c04
.....uuCcagcaacaugaagaca.....	1	1	c04
.....uuucagcaacaugaagaca.....	52	0	c04
.....uuucagcaacaugaagacU.....	1	1	c04
.....uuucagAaacaugaagaca.....	1	1	c04
.....Guucagcaacaugaagaca.....	5	1	c04
.....uuucagcGacaugaagacaa.....	1	1	c04
.....uuucCgcaacaugaagacaa.....	1	1	c04
.....Guucagcaacaugaagacaa.....	1	1	c04
.....uuucagcaacaugaagacaa.....	28	0	c04
.....uuucagcaacaugaagacaC.....	2	1	c04
.....Guucagcaacaugaagacaau.....	3	1	c04
.....uuucagcaacaugaagCcaau.....	1	1	c04
.....uuucagcaacaugaUgacaau.....	1	1	c04
.....uuucagcaacaugaagacaGu.....	2	1	c04
.....uuucagcaacaugaagacaaC.....	2	1	c04
.....uuucagcaacaugaagacaau.....	48	0	c04
.....uuucagcaacaugaagacaaG.....	1	1	c04
.....uuucagcaacaugaagacaCuu.....	1	1	c04
.....Guucagcaacaugaagacaauu.....	15	1	c04
.....Auucagcaacaugaagacaauu.....	1	1	c04
.....uuucagcaacaugaagacaauu.....	162	0	c04
.....uuucagcaacauCaagacaauug.....	1	1	c04
.....uuucagcaacaugaagacaauug.....	599	0	c04
.....uuucagcaacaugaagacaauuU.....	1	1	c04
.....uuucagcaacaugaagacaCuug.....	2	1	c04
.....uuucagcaacaugaagacaaAug.....	1	1	c04
.....uuucagcaacaugaagacaGuug.....	2	1	c04
.....uuucCgcaacaugaagacaauug.....	1	1	c04
.....uuucagcaacaugaaCacaauug.....	1	1	c04
.....uuucagcaCcaugaagacaauug.....	1	1	c04
.....Guucagcaacaugaagacaauug.....	53	1	c04
.....uuucagcaacCugaagacaauug.....	1	1	c04
.....uuucagAaacaugaagacaauug.....	3	1	c04
.....uuucagcaacaugaagaUaauug.....	1	1	c04
.....Auucagcaacaugaagacaauug.....	5	1	c04
.....uuucagcaacauUaagacaauug.....	1	1	c04
.....uuucagcaacaugaagacaauuA.....	6	1	c04
.....uuucagcaGcaugaagacaauug.....	1	1	c04
.....uuuAagcaacaugaagacaauug.....	2	1	c04
.....uuucagUaacaugaagacaauug.....	1	1	c04
.....uuucagcaacaugaagacaauugA.....	14	1	c04
.....Guucagcaacaugaagacaauugu.....	1	1	c04
.....uuucagcaacaugaagacaauugu.....	15	0	c04
.....uuucagcaacaugaagacaauugG.....	6	1	c04
.....uuucagcaacaugaagacaauuCu.....	1	1	c04

Star Mature

uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaauguuuguuuucuuuucagcaacaugaagacaauuguguuuauauaaaccac

.....uuucagcaacaugaagacaauuUu.....	1	1	c04
.....uuucagcaacaugaagacaauuguA.....	1	1	c04
.....uucagcaacaugaagaca.....	3	0	c04
.....Gucagcaacaugaagaca.....	1	1	c04
.....uucagcaacaugaagacaau.....	3	0	c04
.....uucagcaacaugaagacaauug.....	14	0	c04
.....uucagcaacaugaagacaauugA.....	1	1	c04
.....uucagcaacaugaagacaauugu.....	2	0	c04
.....uucagcaacaugaagacaauuguA.....	1	1	c04
.....ucagcaacaugaagacaa.....	1	0	c04
.....ucagcaacaugaagacaauug.....	5	0	c04
.....cagcaacaugaagacaauu.....	1	0	c04
.....cagcaacaugaagacaauug.....	1	0	c04
.....cagcaacaugaagacaauugA.....	1	1	c04
.....agcaacaugaagacaauug.....	2	0	c04
.....gcaacaugaagacaauug.....	1	0	c04

.....Cauugcuucauguuucugaaaa.....	1	1	c16
.....Cauugcuucauguuucugaaaaa.....	1	1	c16
.....auugcuucauguuucuga.....	10	0	c16
.....Cuugcuucauguuucuga.....	2	1	c16
.....auugcuucauguuucugaa.....	23	0	c16
.....Cuugcuucauguuucugaa.....	3	1	c16
.....auugcuucaGguuucugaa.....	1	1	c16
.....auugcuGcauguuucugaaa.....	1	1	c16
.....Cuugcuucauguuucugaaa.....	11	1	c16
.....auugcuucauguuucugaaa.....	105	0	c16
.....auGgcuucauguuucugaaa.....	1	1	c16
.....auugcuucaCguuucugaaa.....	1	1	c16
.....auugcuucaAguuucugaaaa.....	1	1	c16
.....auugcuucauguuuAugaaaa.....	1	1	c16
.....auugcuucauguuucGgaaaa.....	1	1	c16
.....auuCcuucauguuucugaaaa.....	2	1	c16
.....auugcuucauguuucugaaaU.....	1	1	c16
.....auugcuAcauguuucugaaaa.....	1	1	c16
.....auugcuucauguuucugaaaC.....	1	1	c16
.....auugcuucGuguuucugaaaa.....	1	1	c16
.....auugcuucauguuucugaaaa.....	339	0	c16
.....Cuugcuucauguuucugaaaa.....	25	1	c16
.....auugcuucauCuuucugaaaa.....	1	1	c16
.....auugcuucauguuucugaaaG.....	1	1	c16
.....auugcuucauguuucAgaaaa.....	1	1	c16
.....auugcuucauguuucugaaaaC.....	1	1	c16
.....auAgcuucauguuucugaaaaa.....	1	1	c16
.....auugcuucauguuucugUaaaa.....	2	1	c16
.....Guugcuucauguuucugaaaaa.....	1	1	c16
.....auugcuucauguuucuCaaaaa.....	3	1	c16
.....auuCcuucauguuucugaaaaa.....	2	1	c16
.....auugcuucauguuucugaaaCa.....	2	1	c16
.....aGugcuucauguuucugaaaaa.....	1	1	c16
.....auugcuucauguuucugaaaUa.....	1	1	c16
.....auugcuucauguuucuAaaaaa.....	2	1	c16
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.....auugcuucauguAucugaaaaa.....	1	1	c16
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Star Mature

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.....auugcuucGuguuucugaaaaa.....	1	1	c16
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Star Mature

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Star Mature

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Star Mature

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Star Mature

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.....uuucagcaacaugaagacaauuguAu.....	1	1	c09
.....uuucagcaacaugaagacaauuguUu.....	4	1	c09
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Star Mature

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.....Gucagcaacaugaagacaa.....	1	1	c09
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.....uucagcaacaugaagacaau.....	3	0	c09
.....uucagcGacaugaagacaauu.....	1	1	c09
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.....uucagcaacaugaagacaaAug.....	1	1	c09
.....uucagcaacaugaagacaauug.....	26	0	c09
.....Gucagcaacaugaagacaauug.....	2	1	c09
.....uucagcaacaugaagacaauugC.....	2	1	c09
.....Gucagcaacaugaagacaauugu.....	1	1	c09
.....uucagcaacaugaagacaauugu.....	9	0	c09
.....uucagcaacaugaagacaauugA.....	4	1	c09
.....uucagcaacaugaagacaauugug.....	1	0	c09
.....uucagcaacaugaagacaauuguU.....	2	1	c09
.....uucagcaacaugaagacaauuguUu.....	2	1	c09
.....ucagcaacaugaagacaa.....	2	0	c09
.....ucagcaacaugaagacaau.....	3	0	c09
.....ucagcaacaugaagacaauu.....	2	0	c09
.....ucagcaacaugaagacaauug.....	6	0	c09
.....ucagcaacaugaagacaauuU.....	1	1	c09
.....ucagcaacaugaagacaauugA.....	1	1	c09
.....ucagcaacaugaagacaauugG.....	1	1	c09
.....cagcaacaugaagacaauu.....	5	0	c09
.....cagcaacaugaagacaauug.....	7	0	c09
.....cagcaacaugaagacaauuU.....	1	1	c09
.....cagcaacaugaagacaauugu.....	2	0	c09
.....agcaacaugaagacaaAu.....	1	1	c09
.....agcaacaugaagacaauu.....	3	0	c09
.....agcaacaugaagacaauug.....	3	0	c09
.....gcaacaugaagacaauug.....	2	0	c09
.....caacaugaagacaauugA.....	2	1	c09

.....Cuugcuucauguuucuga.....	2	1	c02
.....auugcuucauguuucuga.....	1	0	c02
.....auugcuucauguuucugaa.....	3	0	c02
.....auugcuucauguuucugaaa.....	115	0	c02
.....auugcuucauguuuAugaaa.....	1	1	c02
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.....auugcuucauguuucuCaaa.....	1	1	c02
.....auugAuucauguuucugaaaa.....	2	1	c02
.....auugcuucauguuucugaaaU.....	1	1	c02
.....auugcuucauCuuucugaaaa.....	1	1	c02
.....auAgcuucauguuucugaaaa.....	1	1	c02
.....auugcuuAauguuucugaaaa.....	2	1	c02
.....auugcuucauguuucuUaaaa.....	1	1	c02
.....auugcuucaugAuucugaaaa.....	1	1	c02
.....Guugcuucauguuucugaaaa.....	1	1	c02
.....Cuugcuucauguuucugaaaa.....	33	1	c02
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.....auugcuucauguuucugaaaaa.....	1134	0	c02
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.....auugcuucauguuucAgaaaaa.....	1	1	c02
.....auugcuAcauguuucugaaaaa.....	4	1	c02
.....auugcuucauguuucCgaaaaa.....	1	1	c02
.....auugcuucauguuAcugaaaaa.....	1	1	c02
.....auugcuCcauguuucugaaaaa.....	1	1	c02
.....auugAuucauguuucugaaaaa.....	2	1	c02
.....auugcuucauguuucugaaaaU.....	1	1	c02
.....auugcuucaugAuucugaaaaa.....	2	1	c02
.....auugcAucauguuucugaaaaa.....	2	1	c02

Star Mature

uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaauguuuguuuucuuuucagcaacaugaagacaauugguuuauauaaaccac

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.....auugcuucauguuuGugaaaaa.....	1	1	c02
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.....auugcuucauguuucugaaaaaC.....	3	1	c02
.....auugcuucauguuucugaaaaaG.....	1	1	c02
.....auugcuucauguuucugaaaaau.....	8	0	c02
.....auugcuucauguuucugaaaaUu.....	2	1	c02
.....auugcuucauguuucugaaaaaA.....	41	1	c02
.....auugcuucaAguuucugaaaaau.....	1	1	c02
.....uugcuucauguuucugaaaaa.....	1	0	c02
.....ugcuucauguuucugaaa.....	1	0	c02
.....ugcuucauguuucugaaaa.....	6	0	c02
.....Ggcuucauguuucugaaaaa.....	1	1	c02
.....ugcuucauguuucugaaaaa.....	7	0	c02
.....ugcuucauguAucugaaaaau.....	1	1	c02
.....Ggcuucauguuucugaaaaau.....	6	1	c02
.....ugcuucauguuucugaaaaaA.....	1	1	c02
.....ugcuucauguuucugaaaaaC.....	1	1	c02
.....ugcuucauguuucugaaaaau.....	44	0	c02
.....ugcuucauguuucugaaaaauU.....	6	1	c02
.....Ggcuucauguuucugaaaaaug.....	2	1	c02
.....ugcuucauguuucugaaaaaug.....	14	0	c02
.....ugcuucauguuucugaaaaauUu.....	2	1	c02
.....ugcuucauguuucugaaaaauguu.....	1	0	c02
.....ugcuucauguuucugaaaaauUuu.....	1	1	c02
.....cuucauguuucugaaaaa.....	8	0	c02
.....uuuuucagcaacaugaagac.....	1	0	c02
.....uuuuucagcaacaugaagaca.....	7	0	c02
.....uuuuucagcaacaugaagacaa.....	1	0	c02
.....uuuuucagcaacaugaagacaau.....	1	0	c02
.....uuuuucagcaacaugaagacaauu.....	1	0	c02
.....Guucagcaacaugaagac.....	4	1	c02
.....uuucagcaacaugaagac.....	29	0	c02
.....Auucagcaacaugaagac.....	1	1	c02
.....uuucagcaCcaugaagac.....	1	1	c02
.....uuuAagcaacaugaagac.....	1	1	c02
.....Auucagcaacaugaagaca.....	1	1	c02
.....uuucagcaacaugaagCca.....	1	1	c02
.....Guucagcaacaugaagaca.....	10	1	c02
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.....uuucagcaacaugaagaca.....	96	0	c02
.....uuucagcaacaugaaUaca.....	1	1	c02
.....uuucagAaacaugaagacaa.....	1	1	c02
.....uuucCgcaacaugaagacaa.....	1	1	c02
.....uuucagcaacaugaagacaa.....	178	0	c02
.....Guucagcaacaugaagacaa.....	16	1	c02
.....uuucagcaacaugaaCacaa.....	1	1	c02
.....Auucagcaacaugaagacaa.....	4	1	c02
.....uuucagcaacaugaagCcaa.....	1	1	c02
.....uuucagcaacaCgaagacaa.....	1	1	c02
.....uuucagcaacauUaagacaa.....	1	1	c02
.....uuucagcaacaugaagacaaG.....	1	1	c02
.....Auucagcaacaugaagacaau.....	1	1	c02
.....uuucagcaacaugaagacaau.....	54	0	c02
.....uuucagcaacaGgaagacaau.....	2	1	c02
.....Guucagcaacaugaagacaau.....	5	1	c02
.....uuucagcaacaugaagaAaau.....	2	1	c02
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.....uuucagcUacaugaagacaauu.....	1	1	c02
.....uuuAagcaacaugaagacaauu.....	1	1	c02
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.....uuucagcaacaugaagCcaauu.....	1	1	c02
.....uuucagcaacaugaagGcaauu.....	1	1	c02
.....Guucagcaacaugaagacaauu.....	57	1	c02
.....uuucagAaacaugaagacaauu.....	3	1	c02
.....Auucagcaacaugaagacaauu.....	1	1	c02
.....uuucagcaCcaugaagacaauu.....	3	1	c02
.....uuucagcaacaugaagacaauu.....	485	0	c02
.....uuucagcaacauCaagacaauu.....	1	1	c02
.....uuucagcaacaugaagaAaauug.....	1	1	c02

Star Mature

uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaauguuuguuuucuuuucagcaacaugaagacaauuguguuuauauaaaccac

.....uuucagcaacaugaagacaauug.....	1503	0	c02
.....uuucagcaacaugaaCacaauug.....	1	1	c02
.....uuucagAaacaugaagacaauug.....	1	1	c02
.....uuucagcaacaugaagacaauuA.....	5	1	c02
.....Guucagcaacaugaagacaauug.....	189	1	c02
.....uuucagcaacaugaUgacaauug.....	1	1	c02
.....uuucagcaacauCaagacaauug.....	1	1	c02
.....uuucCgcaacaugaagacaauug.....	1	1	c02
.....uuucagcaacaCgaagacaauug.....	1	1	c02
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.....uuucGgcaacaugaagacaauug.....	1	1	c02
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.....uuucagcaaUaugaagacaauug.....	1	1	c02
.....uuuAagcaacaugaagacaauug.....	3	1	c02
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.....uuucagcaacaugGagacaauug.....	1	1	c02
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.....uuucagcaacauAaagacaauug.....	2	1	c02
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.....uuucagcaacaugaagaGaauug.....	1	1	c02
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.....uuucagcaacaugaagacaauugC.....	5	1	c02
.....uuucagcaacaugaagacaauugA.....	66	1	c02
.....Guucagcaacaugaagacaauugu.....	16	1	c02
.....uuucagcaacaugaagacaauuCu.....	1	1	c02
.....uuucagcaacaugaagacaauuUu.....	16	1	c02
.....uuucagcaacaugaagacaauugG.....	5	1	c02
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.....uuucagcaacaugaagacaauuguA.....	4	1	c02
.....uuucagcaacaugaagacaauuguU.....	1	1	c02
.....uuucagcaacaugaagacaauuguC.....	1	1	c02
.....uucagcaacaugaagaca.....	3	0	c02
.....Gucagcaacaugaagaca.....	1	1	c02
.....uucagcaacaugaagacaa.....	1	0	c02
.....uucagcaacaugaagacaauu.....	2	0	c02
.....uuUagcaacaugaagacaauu.....	1	1	c02
.....Gucagcaacaugaagacaauug.....	7	1	c02
.....uucagcaacaugaagacaauug.....	47	0	c02
.....uucagcaacaugaagacaauugG.....	1	1	c02
.....Gucagcaacaugaagacaauugu.....	1	1	c02
.....uucagcaacaugaagacaauugu.....	7	0	c02
.....ucagcaacaugaagacaa.....	1	0	c02
.....Gcagcaacaugaagacaau.....	1	1	c02
.....ucagcaacaugaagacaauu.....	3	0	c02
.....Gcagcaacaugaagacaauu.....	1	1	c02
.....ucagcaacaugaagacaauug.....	13	0	c02
.....Gcagcaacaugaagacaauug.....	1	1	c02
.....cagcaacaugaagacaauu.....	2	0	c02
.....cagcaacaugaagacaauug.....	5	0	c02
.....cagcaacaugaagacaauuU.....	1	1	c02
.....agcaacaugaagacaauug.....	1	0	c02
.....gcaacaugaagacaauug.....	3	0	c02
.....caacaugaagacaauugu.....	1	0	c02

.....auugcuucauguuucuga.....	3	0	c15
.....auugcuucauguuucugaa.....	4	0	c15
.....auugcuucauguuucugaaU.....	2	1	c15
.....auugcuucauguuucugaaa.....	46	0	c15
.....auugcuucauguuucAgaaaa.....	1	1	c15
.....auugcuucaugCuucugaaaa.....	1	1	c15
.....auugcuucauguuucugaaaU.....	4	1	c15
.....auugcuucauguuucugaaUa.....	1	1	c15
.....auugcuucaugAuucugaaaa.....	1	1	c15
.....auugcuucauguuucugaaaa.....	182	0	c15

Star Mature

uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaauguuuguuuucuuuucagcaacaugaagacaauugguuuauauaaaccac

.....aGugcuucauguuucugaaaa.....	2	1	c15
.....auugUuucauguuucugaaaa.....	1	1	c15
.....Uuugcuucauguuucugaaaaa.....	3	1	c15
.....auugcuCcauguuucugaaaaa.....	3	1	c15
.....auugcuucauguGucugaaaaa.....	1	1	c15
.....auugcuucauguuucCgaaaaa.....	1	1	c15
.....auugcuucauguuucugaaaaU.....	2	1	c15
.....auugcuucauguuuUugaaaaa.....	1	1	c15
.....auugcuucauguuucugaaGaa.....	3	1	c15
.....aGugcuucauguuucugaaaaa.....	2	1	c15
.....auugcuuUauguuucugaaaaa.....	3	1	c15
.....auugcuucauguuucugaaCaa.....	1	1	c15
.....Guugcuucauguuucugaaaaa.....	1	1	c15
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.....ugcuucauguuucugaaaaC.....	1	1	c15
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.....ugcuucauguuucugaaaaaug.....	93	0	c15
.....ugcuucauguuucugaaaaaugu.....	4	0	c15
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.....ugcuucauguuucugaaaaauguu.....	1	0	c15
.....ugcuucauguuucugaaaaauguuu.....	1	0	c15
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.....uuuuucagcaacaugaagacaaC.....	1	1	c15
.....uuuuucagcaacaugaagacaau.....	6	0	c15
.....Cuuucagcaacaugaagacaauug.....	1	1	c15
.....uuucagcaacaugaUgac.....	1	1	c15
.....uuucagcaacaugaagac.....	13	0	c15
.....uuucagcaacaugaagaca.....	8	0	c15
.....uuucagcaacaugaagacaa.....	5	0	c15
.....uuucagcaacaugaagacaau.....	43	0	c15
.....uuucagcaacaugaagacaGu.....	1	1	c15
.....uuucCgcaacaugaagacaauu.....	1	1	c15
.....uuucagUaacaugaagacaauu.....	1	1	c15
.....uuucagcaacaugaagacaauG.....	1	1	c15
.....uuuUagcaacaugaagacaauu.....	1	1	c15
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.....uuucagcaacaugaagacaauu.....	349	0	c15
.....uuucagcGacaugaagacaauu.....	3	1	c15
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.....uuucagcaacaugaagCcaauug.....	1	1	c15
.....Auucagcaacaugaagacaauug.....	4	1	c15
.....uuucagcaacaugaaAacaauug.....	2	1	c15
.....uuucagcaacaugaagacaauuA.....	35	1	c15
.....uuucagcaacaugUagacaauug.....	3	1	c15
.....uuucagcaacaugaagacaauAg.....	3	1	c15
.....uuucagcaacauAaagacaauug.....	2	1	c15
.....uuucagcaacaugaagacaCuug.....	1	1	c15
.....uuucagcaacaugaaCacaauug.....	1	1	c15
.....uuucagcaaGaugaagacaauug.....	1	1	c15
.....uuucagcaacauUaagacaauug.....	2	1	c15
.....uAucagcaacaugaagacaauug.....	2	1	c15
.....uuuUagcaacaugaagacaauug.....	5	1	c15
.....uuucagcaacaugaagacaaAug.....	2	1	c15

Star Mature

uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaauguuuguuuucuuuucagcaacaugaagacaauuguguuuauauaaaccac

.....uuucagcaacCugaagacaauug.....	1	1	c15
.....uuucagGaacaugaagacaauug.....	1	1	c15
.....uuucagcaacaugaGgacaauug.....	1	1	c15
.....uuucGgcaacaugaagacaauug.....	7	1	c15
.....uuucagcaacaugaagaUaauug.....	2	1	c15
.....uuucagcaacaugaaUacaauug.....	2	1	c15
.....uuucagcaacaugaagacaUuug.....	2	1	c15
.....uuucagcaacaugaagacaGuug.....	5	1	c15
.....uuuGagcaacaugaagacaauug.....	1	1	c15
.....uuucagcaacaugaagacaauuC.....	1	1	c15
.....Cuucagcaacaugaagacaauug.....	1	1	c15
.....uuucagcaaAaugaagacaauug.....	1	1	c15
.....uuucagAaacaugaagacaauug.....	1	1	c15
.....uuucagcGacaugaagacaauug.....	1	1	c15
.....uuucaUcaacaugaagacaauug.....	1	1	c15
.....uuucagcaacaugaagacaauuU.....	15	1	c15
.....uuucagcaacaCgaagacaauug.....	2	1	c15
.....uuucagcaUcaugaagacaauug.....	1	1	c15
.....uuucagUaacaugaagacaauug.....	4	1	c15
.....uuucagcaacaugaagacGauug.....	1	1	c15
.....uuucagcaacaugaagacaauug.....	4059	0	c15
.....uuucagcaacaugaagGcaauug.....	1	1	c15
.....uuucagcaacaugaagacaauugu.....	159	0	c15
.....uuucagcaacaugaagacaUuugu.....	1	1	c15
.....uuucagcaacaugaagacaGuugu.....	1	1	c15
.....uuucagcaacaugaagacaauuUu.....	1	1	c15
.....uuucagcaacaugaagacaauugC.....	6	1	c15
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.....uuucagcaacaugaagacaauuguU.....	12	1	c15
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.....uuucagcaacaugaagacaauuguAu.....	3	1	c15
.....uuucagcaacaugaagacaauuguUuu.....	3	1	c15
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.....uucagcaacaugaagacaauu.....	3	0	c15
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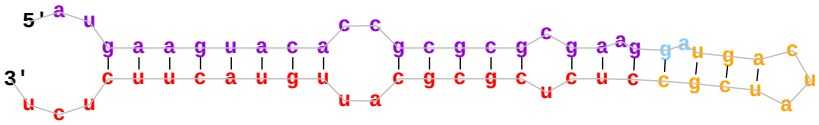
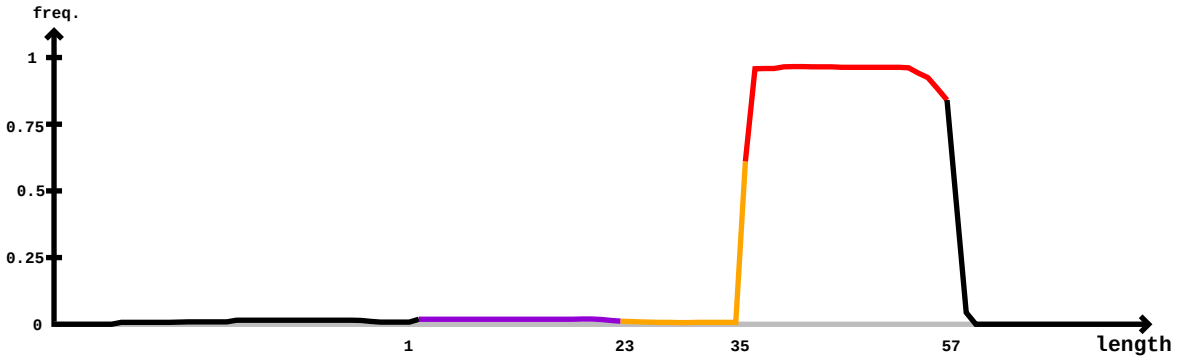
.....uGcagcaacaugaagacaauug.....	1	1	c15
.....uucagcaacaugaagacaauugu.....	7	0	c15
.....uucagcaacaugaagacaauugA.....	3	1	c15
.....ucagcaacaugaagacaauug.....	2	0	c15
.....cagcaacaugaagacaauug.....	1	0	c15

Provisional ID	:	tig00001972_43495
Score total	:	557.3
Score for star read(s)	:	3.9
Score for read counts	:	550.7
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1092
Mature read count	:	1071
Loop read count	:	0
Star read count	:	21





Star **Mature**

```
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    cuucgucaagauucaagccacaaucucgggaaggguaugaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac        exp
    ......................((((((((((((...(((((((..(((((.((.(.(((...)))))))..)))))..)))))))).))))).))))).........  reads     mm        sample
    .................ccacaaucucgggaaggguaugaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  1         0         c15
    .....................................augaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  1         0         c15
    .....................................augaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  1         0         c15
    .....................................augaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  2         0         c15
    ..........................................................cucucgcgcauuguacuucucuaucucgagaaauuucuac  1         0         c15
    ..........................................................ucucgcgcauuguacuucucuaucucgagaaauuucuac  1         0         c15
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    ..........................................................ucucgcgcauuguacuucucuUucucgagaaauuucuac  1         1         c15

    .................ccacaaucucgggaaggguaugaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  4         0         c02
    .....................................augaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  1         0         c02
    ..........................................................cucucgcgcGuuguacuucucuaucucgagaaauuucuac  1         1         c02
    ..........................................................cucucgcgcGuuguacuucucuaucucgagaaauuucuac  2         1         c02

    .....ucaagauucaagccacaaucucgggaaggguaugaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  1         0         c04
    .....ucaagauucaagccacaaucucgggaaggguaugaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  3         0         c04
    .....ucaagauucaagccacaaucucgggUaaggguaugaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  1         1         c04
    .....ucaagauucaagccacaaucucgggaaaaggguaugaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuaucucgagaaauuucuac  3         0         c04
    ...........uucaagccacaaucucgggaagggua.....................................................................  1         0         c04
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    ..........................................................cucucUcgcauuguacuuc.....................................  1         1         c04
    ..........................................................cucucgcgcauuguacuucu....................................  4         0         c04
    ..........................................................cucucgcgcauuguacuucuc...................................  9         0         c04
    ..........................................................cucucgcgcauuguacuucuUu..................................  5         1         c04
    ..........................................................cucucgAgcauuguacuucucu...................................  1         1         c04
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Star Mature

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.....cucucgcgcauuguacuucucu.....	81	0	c04
.....cucucgcgcauuguacuucucuc.....	1	0	c04
.....cucucgcgcauuguacuucucuA.....	1	1	c04
.....cucucgcgcauuguacuucucuG.....	1	1	c04
.....cucucgcgcauuguacuucucuU.....	3	1	c04
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.....ucucgcgcauuguacuucu.....	2	0	c04
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.....augaaguacaccUcgcgcga.....	1	1	c16
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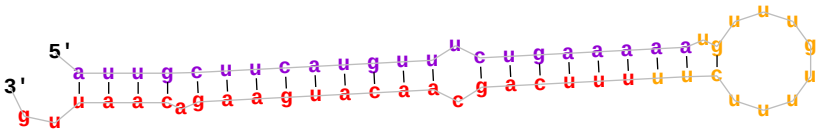
.....cucucUcgcauuguacuucucu.....	1	1	c09
.....cucucgcgcauuguacuucCcu.....	1	1	c09
.....cAcucgcgcauuguacuucucu.....	1	1	c09
.....cucucgcgcauuguacuucuUu.....	15	1	c09
.....Gucucgcgcauuguacuucucu.....	5	1	c09
.....cucucgcgcauuguacuucAcu.....	1	1	c09
.....cucucgcgcGuuguacuucucu.....	2	1	c09
.....cucuAgcgcauuguacuucucu.....	1	1	c09
.....cucucgcgcauuguacuucucuG.....	1	1	c09
.....cucucgcgcauuguacuucucCc.....	1	1	c09
.....cucucgcgcauuguacuucucuA.....	2	1	c09
.....cucucgcgcauuguacuucucuc.....	1	0	c09
.....cucucgcgcauuguacuucucuU.....	19	1	c09
.....cucucgcgcauuguacuucucuUu.....	2	1	c09
.....cucucgcgcauuguacuucucucA.....	1	1	c09
.....ucucgcgcauuguacuuc.....	5	0	c09
.....ucucgcgcauuguacuucu.....	13	0	c09
.....Acucgcgcauuguacuucu.....	1	1	c09
.....ucucgcgcauuguacuucuc.....	2	0	c09
.....Gcucgcgcauuguacuucuc.....	1	1	c09
.....ucucgcgcauuguacuucuU.....	1	1	c09
.....ucucgcgcauuguacuucuUu.....	3	1	c09
.....ucucgcgcauAguacuucucu.....	1	1	c09
.....ucucgcgcauuguacuucucu.....	17	0	c09

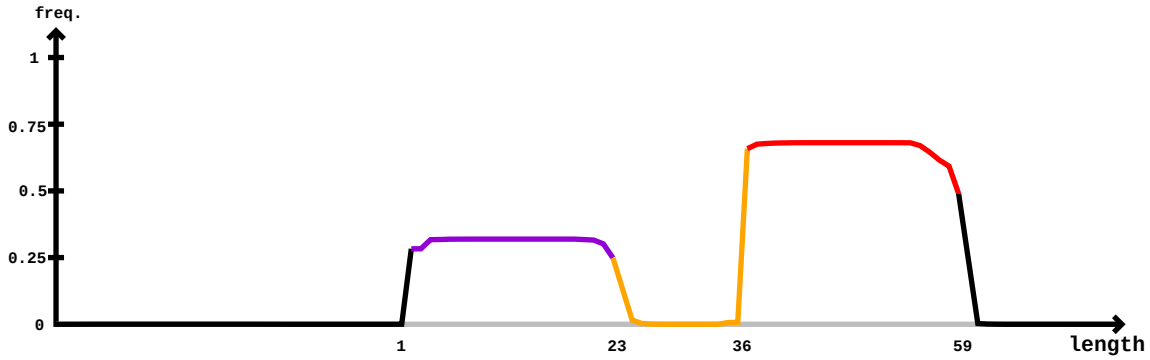
Star Mature

cuucgucaagauucaagccacaaucucgggaagggugaugaaguacaccgcgcgcgaaggaugacuaucgccucucgcgcauuguacuucucucuauucucgagaaauuucuac

.....ucucgcgcauuguacuucucuc.....	3	0	c09
.....ucucgcgcauuguacuucucuUuc.....	1	1	c09
.....ucucgcgcauuguacuucucuU.....	195	1	c09
.....Gcucgcgcauuguacuucucuc.....	1	1	c09
.....ucucgcgcauuguacuucucuA.....	8	1	c09
.....ucucgcgcauuguacuucucucu.....	1	0	c09
.....ucucgcgcauuguacuucucuUu.....	41	1	c09
.....cgcgcauuguacuucucu.....	3	0	c09
.....cgcgcauuguacuucucuU.....	3	1	c09
.....cgcgcauuguacuucucuc.....	1	0	c09
.....gcgcauuguacuucucuU.....	1	1	c09

Provisional ID	:	tig00001972_43499
Score total	:	13268.3
Score for star read(s)	:	3.9
Score for read counts	:	13262.2
Score for mfe	:	1.2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	26025
Mature read count	:	17716
Loop read count	:	0
Star read count	:	8309





Star **Mature**

```
5'- uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaaugcuuuuuuuuuuuuucagcaacaugaagacaauuuguguuuauauaaaccac  -3'   obs
    uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaaugcuuuuuuuuuuuuucagcaacaugaagacaauuuguguuuauauaaaccac        exp
    (((((........)))))).((((((.((((((.(((((((((((((((.(((((((((.(........)))))))))).)))))))))).)))))))))))))))....  reads    mm       sample
    ..................................Cuugcuucauguuucuga.....................................................................  2        1        c02
    ..................................auugcuucauguuucuga.....................................................................  1        0        c02
    ..................................auugcuucauguuucugaa....................................................................  3        0        c02
    ..................................Cuugcuucauguuucugaaa...................................................................  10       1        c02
    ..................................auugcuucauguuuAugaaa...................................................................  1        1        c02
    ..................................auugcuucauguuucuCaaa...................................................................  1        1        c02
    ..................................auugcuucauguuucugaaa...................................................................  115      0        c02
    ..................................auugcuucGuguuucugaaaa..................................................................  1        1        c02
    ..................................Guugcuucauguuucugaaaa..................................................................  1        1        c02
    ..................................auugAuucauguuucugaaaa..................................................................  2        1        c02
    ..................................auugcuucauguuucugaaaU..................................................................  1        1        c02
    ..................................auAgcuucauguuucugaaaa..................................................................  1        1        c02
    ..................................Cuugcuucauguuucugaaaa..................................................................  33       1        c02
    ..................................auugcuucauguuuAugaaaa..................................................................  1        1        c02
    ..................................auugcuucauCuuucugaaaa..................................................................  1        1        c02
    ..................................auugcuucauguuucugaaaa..................................................................  433      0        c02
    ..................................auugcuucauguuucuUaaaa..................................................................  1        1        c02
    ..................................auugcuuAauguuucugaaaa..................................................................  2        1        c02
    ..................................auugcuucaugAuucugaaaa..................................................................  1        1        c02
    ..................................aGugcuucauguuucugaaaa..................................................................  1        1        c02
    ..................................auugcuuAauguuucugaaaaa.................................................................  2        1        c02
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    ..................................auugcuucauguuucAgaaaaa.................................................................  1        1        c02
    ..................................auugAuucauguuucugaaaaa.................................................................  2        1        c02
    ..................................auugcuucaCguuucugaaaaa.................................................................  1        1        c02
    ..................................auugcuucauguuCcugaaaaa.................................................................  1        1        c02
    ..................................auugcuucauAuuucugaaaaa.................................................................  1        1        c02
```

Star Mature

uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaauguuuguuuucuuuucagcaacaugaagacaauugguuuauauaaaccac

.....auAgcuucauguuucugaaaaa.....	1	1	c02
.....auugcuucauguuAcugaaaaa.....	1	1	c02
.....auugcuucauguuuGugaaaaa.....	1	1	c02
.....auugcuAcauguuucugaaaaa.....	4	1	c02
.....Cuugcuucauguuucugaaaaa.....	79	1	c02
.....aAugcuucauguuucugaaaaa.....	2	1	c02
.....auugcuucauguuucugaaaaC.....	1	1	c02
.....auugcuucauCuuucugaaaaa.....	2	1	c02
.....auugcuucauguuucugaaaaau.....	8	0	c02
.....auugcuucauguuucugaaaaaG.....	1	1	c02
.....auugcuucauguuucugaaaaaC.....	3	1	c02
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.....auugcuucauguuucugaaaaaA.....	41	1	c02
.....auugcuucaAguuucugaaaaau.....	1	1	c02
.....uugcuucauguuucugaaaaa.....	1	0	c02
.....ugcuucauguuucugaaa.....	1	0	c02
.....ugcuucauguuucugaaaa.....	6	0	c02
.....Ggcuucauguuucugaaaaa.....	1	1	c02
.....ugcuucauguuucugaaaaa.....	7	0	c02
.....ugcuucauguAucugaaaaau.....	1	1	c02
.....ugcuucauguuucugaaaaaA.....	1	1	c02
.....ugcuucauguuucugaaaaau.....	44	0	c02
.....ugcuucauguuucugaaaaaC.....	1	1	c02
.....Ggcuucauguuucugaaaaau.....	6	1	c02
.....ugcuucauguuucugaaaaaug.....	14	0	c02
.....Ggcuucauguuucugaaaaaug.....	2	1	c02
.....ugcuucauguuucugaaaaauU.....	6	1	c02
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.....ugcuucauguuucugaaaaauUuu.....	1	1	c02
.....ugcuucauguuucugaaaaauguu.....	1	0	c02
.....cuucauguuucugaaaaa.....	8	0	c02
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.....uuuuucagcaacaugaagaca.....	7	0	c02
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.....Guucagcaacaugaagac.....	4	1	c02
.....Auucagcaacaugaagac.....	1	1	c02
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.....uuuAagcaacaugaagac.....	1	1	c02
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.....uuucagAaacaugaagacaa.....	1	1	c02
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.....uuucagcaacaugaagCcaa.....	1	1	c02
.....uuucagcaacaugaagacaaG.....	1	1	c02
.....Auucagcaacaugaagacaau.....	1	1	c02
.....uuucagcaacaugaagacaau.....	54	0	c02
.....Guucagcaacaugaagacaau.....	5	1	c02
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Star Mature

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.....uuucagcaacaugaagacaauugC.....	5	1	c02
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.....auugcuucauguuucugaaa.....	46	0	c15
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Star Mature

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.....auugcuucaugAuucugaaaa.....	1	1	c15
.....auugcuucauguuucugaaaU.....	4	1	c15
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.....auugcuucaugCuucugaaaa.....	1	1	c15
.....aGugcuucauguuucugaaaa.....	2	1	c15
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.....auugcuucGuguuucugaaaaa.....	1	1	c15
.....auuAcuucauguuucugaaaaa.....	2	1	c15
.....auugcuucauguuucugaaaGa.....	1	1	c15
.....auugcuuGauguuucugaaaaa.....	2	1	c15
.....auugcuucauguuucugaaaaU.....	2	1	c15
.....Uuugcuucauguuucugaaaaa.....	3	1	c15
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.....auugcuucauguuucCgaaaaa.....	1	1	c15
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.....auugcuucauguGucugaaaaa.....	1	1	c15
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.....auugcuucauguuuUugaaaaa.....	1	1	c15
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Star Mature

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Star Mature

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Star Mature

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Star Mature

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.....uUcuucauguuucugaaaaau.....	1	1	c16
.....Ggcuucauguuucugaaaaaug.....	2	1	c16
.....ugcuucauguuucugaaaaaug.....	13	0	c16
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.....gcuucauguuucugaaaaa.....	2	0	c16
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.....cuucauguuucugaaaaa.....	9	0	c16
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.....Guuuucagcaacaugaaga.....	1	1	c16
.....uuuuucagcaacaugaagac.....	6	0	c16
.....Guuuucagcaacaugaagaca.....	2	1	c16
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.....Cuuuucagcaacaugaagaca.....	1	1	c16
.....Cuuuucagcaacaugaagacaa.....	1	1	c16
.....Guuuucagcaacaugaagacaa.....	1	1	c16
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.....uuuucagcaacaugaagacaauug.....	2	0	c16
.....Cuuucagcaacaugaagacaauug.....	2	1	c16
.....uuucagAaacaugaagac.....	1	1	c16
.....Guucagcaacaugaagac.....	12	1	c16
.....uuucagcaCcaugaagac.....	1	1	c16
.....uuucagcaacaugaagac.....	59	0	c16
.....Auucagcaacaugaagac.....	1	1	c16
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Star Mature

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.....uuucagcaacaugCagaca.....	1	1	c16
.....Auucagcaacaugaagaca.....	2	1	c16
.....uuucagcaacaugaagaca.....	134	0	c16
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.....uuucagcaacaugaagacaU.....	1	1	c16
.....uuucagcCacaugaagacaa.....	1	1	c16
.....Auucagcaacaugaagacaa.....	1	1	c16
.....uuucagcaacaCgaagacaa.....	1	1	c16
.....uuucagcaacaugaaCacaa.....	1	1	c16
.....uuuUagcaacaugaagacaa.....	1	1	c16
.....uuucagAaacaugaagacaa.....	1	1	c16
.....uuucGgcaacaugaagacaa.....	1	1	c16
.....uuucagcaacaugaagacaaA.....	1	1	c16
.....uuucagcaacaAgaagacaau.....	1	1	c16
.....Guucagcaacaugaagacaau.....	19	1	c16
.....uuucagcaacCugaagacaau.....	1	1	c16
.....Auucagcaacaugaagacaau.....	1	1	c16
.....uuucagcaacaugaagacaau.....	181	0	c16
.....uuucCgcaacaugaagacaau.....	1	1	c16
.....uuucagcaacaugaagaAaau.....	1	1	c16
.....uuuGagcaacaugaagacaau.....	1	1	c16
.....uuucagcaacaugaagacaUu.....	1	1	c16
.....uuucagcaacaugaagacaGu.....	1	1	c16
.....uuucagcaacaugaagUcaau.....	1	1	c16
.....uuucagcaacaugaagacaUuu.....	1	1	c16
.....uAucagcaacaugaagacaauu.....	1	1	c16
.....uuuUagcaacaugaagacaauu.....	4	1	c16
.....uuucGgcaacaugaagacaauu.....	1	1	c16
.....uuucagcaacaugaCgacaauu.....	1	1	c16
.....uuucaCcaacaugaagacaauu.....	1	1	c16
.....uuucagUaacaugaagacaauu.....	1	1	c16
.....Auucagcaacaugaagacaauu.....	4	1	c16
.....uuucagcaacCugaagacaauu.....	1	1	c16
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.....uuucagcGacaugaagacaauu.....	1	1	c16
.....uuucagcaacaugaagCcaauu.....	2	1	c16
.....uuucCgcaacaugaagacaauu.....	3	1	c16
.....uuucagAaacaugaagacaauu.....	1	1	c16
.....Cuucagcaacaugaagacaauu.....	2	1	c16
.....uuucagcaacaugaagacaauG.....	2	1	c16
.....uuucagcaacaugaagacaauu.....	887	0	c16
.....uuucagcaacauUaagacaauu.....	2	1	c16
.....Guucagcaacaugaagacaauu.....	102	1	c16
.....uuucagcaacaugaagacaauug.....	2926	0	c16
.....uuucagcaacaugaUgacaauug.....	1	1	c16
.....Guucagcaacaugaagacaauug.....	346	1	c16
.....uuucagcaCcaugaagacaauug.....	5	1	c16
.....uuucagcaacaugaagacaauuA.....	1	1	c16
.....uuucCgcaacaugaagacaauug.....	4	1	c16
.....uuucagcaacauCaagacaauug.....	7	1	c16
.....uuuAagcaacaugaagacaauug.....	2	1	c16
.....uuucagcaacaugaGgacaauug.....	1	1	c16
.....uuucagcaGcaugaagacaauug.....	1	1	c16
.....Cuucagcaacaugaagacaauug.....	2	1	c16
.....uuucagcaaAaugaagacaauug.....	1	1	c16
.....uuucagcaacauUaagacaauug.....	2	1	c16
.....uuucagcaacaugaagacCauug.....	3	1	c16
.....uuucagcaacaugaagGcaauug.....	1	1	c16
.....uuucagcaacaugaagacaauuU.....	22	1	c16
.....uCucagcaacaugaagacaauug.....	1	1	c16
.....uuucagcaacaugaagacaauuC.....	5	1	c16
.....uuucagcaacauAaagacaauug.....	1	1	c16
.....uuucagcaacaugaagCcaauug.....	10	1	c16
.....uuCcagcaacaugaagacaauug.....	1	1	c16
.....uuucagcaacaugaagaUaauug.....	1	1	c16
.....uuucagcaacaugaagacaauAg.....	3	1	c16
.....uuucaCcaacaugaagacaauug.....	2	1	c16

Star Mature

uuacaagguguaauguaaauuuauacuagacaacaauugcuucauguuucugaaaaauguuuguuuucuuuuucagcaacaugaagacaauuguguuuauauaaaccac

.....uuucagUaacaugaagacaauug.....	1	1	c16
.....uuucagcaacaugaCgacaauug.....	1	1	c16
.....uuucagcaacaCgaagacaauug.....	1	1	c16
.....uuucagcaacaGgaagacaauug.....	1	1	c16
.....uuucagcaacaugaagacUauug.....	1	1	c16
.....uuucagcaacaugaaCacaauug.....	4	1	c16
.....uuucagcaacaugaagacaaAug.....	2	1	c16
.....uuAcagcaacaugaagacaauug.....	1	1	c16
.....uAucagcaacaugaagacaauug.....	1	1	c16
.....uuucagcCacaugaagacaauug.....	3	1	c16
.....uuucagcaacaugaagacaGuug.....	1	1	c16
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.....uuucagcaaGaugaagacaauug.....	1	1	c16
.....Auucagcaacaugaagacaauug.....	17	1	c16
.....uuuUagcaacaugaagacaauug.....	1	1	c16
.....uuucagAaacaugaagacaauug.....	6	1	c16
.....uuucagcaacaugaaUacaauug.....	2	1	c16
.....uuucagcaacaugaagacGauug.....	1	1	c16
.....uuucagcaacaugaagacaauugA.....	34	1	c16
.....uuucagcaacaugaaUacaauugu.....	1	1	c16
.....uuucagAaacaugaagacaauugu.....	2	1	c16
.....Guucagcaacaugaagacaauugu.....	11	1	c16
.....uuucagcaacaugaagacaauugG.....	13	1	c16
.....uuucagcaacaugaagCcaauugu.....	1	1	c16
.....uuucagcaacaugaagacaauugu.....	140	0	c16
.....uuucagcaacaugaagacaauugC.....	1	1	c16
.....Auucagcaacaugaagacaauugu.....	2	1	c16
.....uuucagcaacaugaagacaGugu.....	1	1	c16
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.....uuucagcaacaugaagacaauuguU.....	2	1	c16
.....uuucagcaacaugaagacaauuguA.....	7	1	c16
.....uuucagcaacaugaagacaauugug.....	1	0	c16
.....uuucagcaacaugaagacaauuguUu.....	1	1	c16
.....uuucagcaacaugaagacaauuguUuu.....	1	1	c16
.....Gucagcaacaugaagaca.....	2	1	c16
.....uucagcaacaugaagaca.....	3	0	c16
.....uucagcaacaugaagacaau.....	5	0	c16
.....uucagcaacaugaagacaauu.....	11	0	c16
.....uucagcaacaugaagacaauAg.....	1	1	c16
.....uucagcaacaugaagUcaauug.....	1	1	c16
.....uucagcaacauUaagacaauug.....	1	1	c16
.....Gucagcaacaugaagacaauug.....	8	1	c16
.....uucagcaacaugaagacaauug.....	99	0	c16
.....uucagcaacaugaagacaauugu.....	5	0	c16
.....uucagcaacaugaagacaauugA.....	5	1	c16
.....uucagcaacaugaagacaauugC.....	1	1	c16
.....uucagcaacaugaagacaauuguUuu.....	1	1	c16
.....ucagcaacaugaagacaa.....	2	0	c16
.....ucagcaacaugaagacaau.....	1	0	c16
.....ucagcaacaugaagacaauu.....	4	0	c16
.....ucagcaacaugaagacaauug.....	10	0	c16
.....ucagcaacaugaagacaauuU.....	1	1	c16
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.....ucagcaacaugaagacaauugug.....	1	0	c16
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.....agGaacaugaagacaauug.....	1	1	c16
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.....gcaacaugaagacaauug.....	6	0	c16
.....Ucaacaugaagacaauug.....	1	1	c16

Auacaagguguaauguaaauuuauacu.....	1	1	c04
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.uacaagguguaauguaaauu.....	1	0	c04
..acaagguguaauguaaauuu.....	1	0	c04
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Star Mature

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.....auugcuucauguuucugaa.....	1	0	c04
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.....auugcuucauguuucugaaaa.....	43	0	c04
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.....auugcuucauguuucugaaaG.....	1	1	c04
.....auugcuucauguuucugaaaaC.....	1	1	c04
.....auugcuucauguuucuAaaaaa.....	3	1	c04
.....auugcuucauguuucuUaaaaa.....	1	1	c04
.....Cuugcuucauguuucugaaaaa.....	11	1	c04
.....Guugcuucauguuucugaaaaa.....	1	1	c04
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.....ugcuucauguuucugaaaaa.....	11	0	c04
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.....Agcuucauguuucugaaaaaug.....	1	1	c04
.....Ggcuucauguuucugaaaaaug.....	6	1	c04
.....ugcuucauguuucugaaaaaug.....	67	0	c04
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.....gcuucauguuucugaaaaa.....	3	0	c04
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.....cuucauguuucugaaaaaug.....	1	0	c04
.....uucauguuucugaaaaau.....	1	0	c04
.....ucauguuucugaaaaaug.....	1	0	c04
.....uAauguuucugaaaaaug.....	1	1	c04
.....uguuucugaaUaauguuu.....	2	1	c04
.....uuuuucagcaacaugaaga.....	1	0	c04
.....uuuuucagcaacaugaagac.....	3	0	c04
.....uuuuucagcaacaugaagaca.....	5	0	c04
.....uuuuucagcaacaugaagacaa.....	6	0	c04
.....uuuuucGgcaacaugaagacaau.....	1	1	c04
.....Guuuucagcaacaugaagacaau.....	2	1	c04
.....Auuuucagcaacaugaagacaau.....	1	1	c04
.....uuuuucagcaacaugaagacaau.....	22	0	c04
.....uuuucagcaacaugaagacaa.....	1	0	c04
.....uuuucagcaacaugaagacaau.....	1	0	c04
.....uuucagcaacaugaagac.....	26	0	c04
.....Guucagcaacaugaagac.....	3	1	c04
.....uuCcagcaacaugaagaca.....	1	1	c04
.....Guucagcaacaugaagaca.....	5	1	c04
.....uuucagcaacaugaagaca.....	52	0	c04
.....uuucagAaacaugaagaca.....	1	1	c04
.....uuucagcaacaugaagacU.....	1	1	c04
.....uuucagcaacaugaagacaa.....	28	0	c04
.....uuucCgcaacaugaagacaa.....	1	1	c04
.....Guucagcaacaugaagacaa.....	1	1	c04
.....uuucagcGacaugaagacaa.....	1	1	c04
.....uuucagcaacaugaagacaC.....	2	1	c04
.....uuucagcaacaugaagacaaC.....	2	1	c04
.....uuucagcaacaugaagacaaG.....	1	1	c04
.....uuucagcaacaugaUgacaau.....	1	1	c04
.....Guucagcaacaugaagacaau.....	3	1	c04
.....uuucagcaacaugaagacaGu.....	2	1	c04
.....uuucagcaacaugaagacaau.....	48	0	c04
.....uuucagcaacaugaagCcaau.....	1	1	c04

Star Mature

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.....Guucagcaacaugaagacaauu.....	15	1	c04
.....uuucagcaacaugaagacaCuu.....	1	1	c04
.....Auucagcaacaugaagacaauu.....	1	1	c04
.....uuucagcaCcaugaagacaauug.....	1	1	c04
.....Auucagcaacaugaagacaauug.....	5	1	c04
.....uuucagcaacaugaagacaaAug.....	1	1	c04
.....uuucagcaacaugaagacaGuug.....	2	1	c04
.....uuucagcaacaugaagaUaauug.....	1	1	c04
.....Guucagcaacaugaagacaauug.....	53	1	c04
.....uuuAagcaacaugaagacaauug.....	2	1	c04
.....uuucagcaacaugaagacaCuug.....	2	1	c04
.....uuucagcaacCugaagacaauug.....	1	1	c04
.....uuucagUaacaugaagacaauug.....	1	1	c04
.....uuucagcaGcaugaagacaauug.....	1	1	c04
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.....uuucCgcaacaugaagacaauug.....	1	1	c04
.....uuucagAaacaugaagacaauug.....	3	1	c04
.....uuucagcaacauUaagacaauug.....	1	1	c04
.....uuucagcaacaugaaCacaauug.....	1	1	c04
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.....uuucagcaacauCaagacaauug.....	1	1	c04
.....uuucagcaacaugaagacaauuU.....	1	1	c04
.....uuucagcaacaugaagacaauugG.....	6	1	c04
.....uuucagcaacaugaagacaauuUu.....	1	1	c04
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.....Guucagcaacaugaagacaauugu.....	1	1	c04
.....uuucagcaacaugaagacaauuCu.....	1	1	c04
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.....uucagcaacaugaagacaauugA.....	1	1	c04
.....uucagcaacaugaagacaauugu.....	2	0	c04
.....uucagcaacaugaagacaauuguA.....	1	1	c04
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.....ucagcaacaugaagacaauug.....	5	0	c04
.....cagcaacaugaagacaauu.....	1	0	c04
.....cagcaacaugaagacaauug.....	1	0	c04
.....cagcaacaugaagacaauugA.....	1	1	c04
.....agcaacaugaagacaauug.....	2	0	c04
.....gcaacaugaagacaauug.....	1	0	c04

Provisional ID	:	tig00002114_44088
Score total	:	5.2
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1318
Mature read count	:	1318
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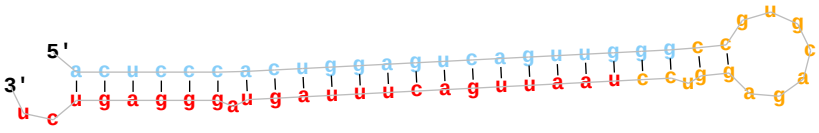
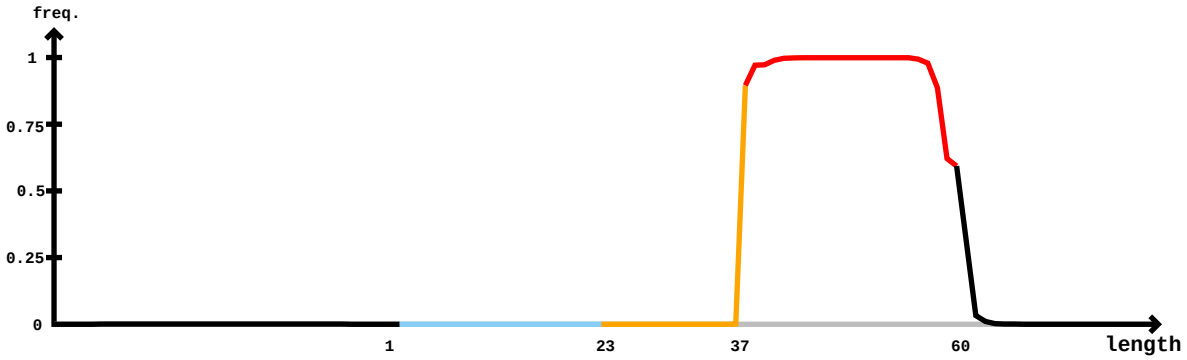
Star read count	:	0





Star **Mature**

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    ............(((.(((....))))))....((((((((((((((((((((((.......)).)))))))))))))))).))))).....................  reads      mm         sample
    ..........................................................Auaauugacuuuaguagggaguc.....................  1          1          c09
    ..........................................................uaauugacuuuaguaggga.....................  4          0          c09
    ..........................................................uaauugacuuuaguagggag.....................  9          0          c09
    ..........................................................Caauugacuuuaguagggagu.....................  1          1          c09
    ..........................................................Gaauugacuuuaguagggagu.....................  5          1          c09
    ..........................................................uaauugacuuuaguaggUagu.....................  1          1          c09
    ..........................................................uaauugacuuuaguagggagu.....................  32         0          c09
    ..........................................................uaauugaUuuuaguagggaguc.....................  1          1          c09
    ..........................................................Gaauugacuuuaguagggaguc.....................  1          1          c09
    ..........................................................uaauugacuuuaguagggaguc.....................  8          0          c09
    ..........................................................uaauugacuuuaguagggagucA.....................  1          1          c09
    ..........................................................uaauugacuuuaguagggagucu.....................  37         0          c09
    ..........................................................uaauugacuuuaguagggagucC.....................  1          1          c09
    ..........................................................Gaauugacuuuaguagggagucu.....................  2          1          c09
    ..........................................................Gaauugacuuuaguagggagucuu.....................  2          1          c09
    ..........................................................uaauugacuuuaguagggagucuu.....................  57         0          c09
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    ..........................................................uaauugaGuuuaguagggagucuu.....................  1          1          c09
    ..........................................................uaauugacuuuaguagggagucuua.....................  3          0          c09
    ..........................................................uaauugacuuuaguagggagucuuU.....................  8          1          c09
    ..........................................................uaauugacuuuaguagggagucuuC.....................  1          1          c09
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    ......................................................uugacuCuaguagggagucu.....................  1          1          c09
    ......................................................uugacuuuaguagggagucuu.....................  1          0          c09
    ......................................................uugacuuuaCuagggagucuua.....................  1          1          c09
    ......................................................uugacuuuaguagggagucuuaa.....................  1          0          c09
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Star Mature

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.....................................................................uugacuuuaguagggagucuuCa.....  1  1  c09
.....................................................................ugacuCuaguagggagucu.....  2  1  c09
.....................................................................ugacuuuaguagggagucu.....  1  0  c09
.....................................................................Ggacuuuaguagggagucuu.....  1  1  c09
.....................................................................ugacuuuaguagggagucuu.....  4  0  c09
.....................................................................ugacuuuaguagggagucuua.....  2  0  c09
.....................................................................gacuuuaguagggagucuu.....  1  0  c09
.....................................................................acuuuaguagggagucuuU.....  1  1  c09

...uauauaagggcUcgcaagcuugccgc.....................................................................  1  1  c16
.....................................................uaauugacuuuaguaggg.....  5  0  c16
.....................................................Gaauugacuuuaguaggga.....  1  1  c16
.....................................................uaauugacuuuaguaggga.....  2  0  c16
.....................................................uaauugacuuuaguagggag.....  2  0  c16
.....................................................Gaauugacuuuaguagggag.....  1  1  c16
.....................................................uaauugacuuuaguagggaCu.....  1  1  c16
.....................................................uaauugacuuuaguagggagu.....  47  0  c16
.....................................................Gaauugacuuuaguagggagu.....  5  1  c16
.....................................................uaauugacuuuaguagggaguU.....  1  1  c16
.....................................................Gaauugacuuuaguagggaguc.....  6  1  c16
.....................................................uaauugacuuuaguagggaguc.....  15  0  c16
.....................................................uaauugacuuuaguagggagucu.....  277  0  c16
.....................................................Aaauugacuuuaguagggagucu.....  2  1  c16
.....................................................uaauugacAuuaguagggagucu.....  3  1  c16
.....................................................uaauugacGuuaguagggagucu.....  1  1  c16
.....................................................uaauugacuuuaguagUgagucu.....  1  1  c16
.....................................................uaauugacuuuaguagAgagucu.....  1  1  c16
.....................................................uaauugacuuuaguagggagucA.....  1  1  c16
.....................................................uaauugacuuuaguaggUagucu.....  1  1  c16
.....................................................Gaauugacuuuaguagggagucu.....  26  1  c16
.....................................................uaauugacuuuaguagggaUucu.....  1  1  c16
.....................................................uaauugacuuuaguagggagucuu.....  29  0  c16
.....................................................uaauugacuuuaguaggUagucuu.....  1  1  c16
.....................................................Gaauugacuuuaguagggagucuu.....  1  1  c16
.....................................................uaauugacuuuaguagggagucuA.....  2  1  c16
.....................................................uaauugacuuuaguagggagucuuU.....  4  1  c16
.....................................................uaauugacuuuaguagggagucuAaa.....  1  1  c16
.....................................................uaauugacuuuaguagggagucuAaaa.....  1  1  c16
.....................................................aaCugacuuuaguagggagucu.....  1  1  c16
.....................................................aauugacuCuaguagggagucu.....  74  1  c16
.....................................................aauugacuuuaguagggagucu.....  3  0  c16
.....................................................aauugacuCuaguagggagucuu.....  1  1  c16
.....................................................auugacuuuaguagggagucu.....  1  0  c16
.....................................................uugacuuuaguagggagucu.....  1  0  c16
.....................................................uugacuuuaguagggagucuu.....  1  0  c16
.....................................................uugacuuuaguagggagucuuU.....  1  1  c16
.....................................................gacuuuaguagggagucu.....  1  0  c16

.....................................................uaauugacuuuaguagggag.....  1  0  c04
.....................................................uaauugacuuuaguagggagucu.....  1  0  c04
.....................................................aauugacuCuaguagggagucu.....  3  1  c04

.....................................................uaauugacuuuaguaggg.....  2  0  c02
.....................................................Gaauugacuuuaguaggga.....  3  1  c02
.....................................................uaauugacuuuaguaggga.....  9  0  c02
.....................................................uaauugacuuuaguaggUa.....  1  1  c02
.....................................................uaauugacuuuaguagggag.....  97  0  c02
.....................................................Gaauugacuuuaguagggag.....  10  1  c02
.....................................................uaauugacuuuaguaggCag.....  1  1  c02
.....................................................uaauugacGuuaguagggagu.....  2  1  c02
.....................................................uaauugacuuuaguagCgagu.....  1  1  c02
.....................................................uaauAgacuuuaguagggagu.....  1  1  c02
.....................................................uaauugacuuuaguUgggagu.....  1  1  c02
.....................................................uaauugacuuuaguagggaCu.....  1  1  c02
.....................................................Gaauugacuuuaguagggagu.....  34  1  c02
.....................................................uaauugacuAuaguagggagu.....  1  1  c02
.....................................................uaauugacuuuaguagggagu.....  209  0  c02
.....................................................uaauCgacuuuaguagggagu.....  1  1  c02
.....................................................uaauugCcuuuaguagggagu.....  1  1  c02
.....................................................uaauugacuuuaguagggaguc.....  3  0  c02
```

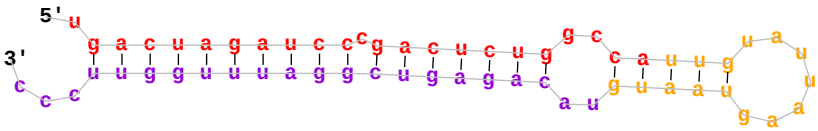
Star Mature

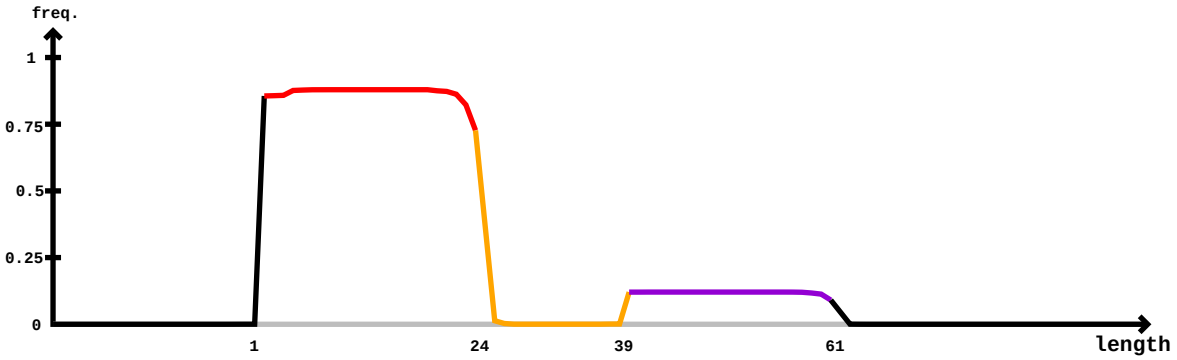
cacuauauaagggcgcgcaagcuugccgcacgucacucccacuggagucaguugggccgugcagaggucccuaauugacuuuaguagggagucuuaaaaacugauaaacgccaa

.....Gaauugacuuuaguagggaguc.....	1	1	c02
.....uaauugacuuuaguagggagucu.....	70	0	c02
.....uaauugacuuuaguagggaguUu.....	1	1	c02
.....uaauugacuuuaguagCgagucu.....	1	1	c02
.....Gaauugacuuuaguagggagucu.....	15	1	c02
.....uaauugacuuuaguagggagucuC.....	1	1	c02
.....uaauugacuuuaguaggUagucuu.....	1	1	c02
.....uaauugacuuuaguagggagucuu.....	65	0	c02
.....Gaauugacuuuaguagggagucuu.....	9	1	c02
.....uaauugacuuuaguagggagucuuU.....	2	1	c02
.....uaauugacuuuaguagggagucuua.....	4	0	c02
.....uaauugacuuuaguagggagucuuaU.....	1	1	c02
.....uaauugacuuuaguagggagucuuaaaaa.....	1	0	c02
.....aauugacuCuaguagggagucu.....	6	1	c02
.....auugacuuuaguagggag.....	1	0	c02
.....uugacuuuaguagggagu.....	5	0	c02
.....uugacuuuaguagggagucu.....	4	0	c02
.....uugacuuuaguagggagucuu.....	1	0	c02

.....uaauugacuuuaguagggagucA.....	1	1	c15
.....uaauugacuuuaguagggagucu.....	2	0	c15
.....uaauugacuuuGguagggagucuu.....	1	1	c15
.....uaauugacuuuaguagggagucuu.....	2	0	c15
.....uaauugacuuuaguagggagucuuaa.....	3	0	c15
.....aauugacuCuaguagggagucu.....	1	1	c15
.....aauugacuuuaguagggagucuua.....	1	0	c15

Provisional ID	:	tig00002196_group19_38876
Score total	:	5580.5
Score for star read(s)	:	3.9
Score for read counts	:	5570.5
Score for mfe	:	1.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	10938
Mature read count	:	9620
Loop read count	:	0
Star read count	:	1318





Mature **Star**

```
5'- auagcucucacaaaucgugugacuagaucccgacucuggccauuguauuaaguaauguacagagucggauuuggguucccguguauuugugugcaaucgucgauacuccaau -3'   obs
    auagcucucacaaaucgugugacuagaucccgacucuggccauuguauuaaguaauguacagagucggauuuggguucccguguauuugugugcaaucgucgauacuccaau   exp
    ...((...((((((((((..((((((((((.(((((((..(((((.......)))))..)))))))))))))))))))..)))).)))))))..)).....................
```

reads	mm	sample
2	0	c15
1	0	c15
1	0	c15
1	1	c15
4	0	c02
2	0	c02
1	1	c02
33	0	c02
69	0	c02
14	1	c02
1	1	c02
8	1	c02
109	0	c02
12	1	c02
1	1	c02
1	1	c02
1	1	c02
1	1	c02
20	1	c02
1	1	c02
1	1	c02
4	1	c02
1	1	c02
1	1	c02
1	1	c02
2	1	c02
1	1	c02
2	1	c02
1	1	c02
222	0	c02
1	1	c02
1	1	c02

Mature Star

auagcucucacaaaucgugu**ugacuagaucccgacucuggcca**uuguauuaaguaaug**uacagagucggauuugguuccc**guguauuugugugcaaucgucgauacuccaau

.....ugacuagaucccgacucuggUca.....	1	1	c02
.....ugacuagauccUgacucuggcca.....	1	1	c02
.....ugacuagaucccgacucuggccau.....	34	0	c02
.....ugacuagaucccgacucuggccaA.....	5	1	c02
.....ugacuagaucUcgacucuggccau.....	1	1	c02
.....Ggacuagaucccgacucuggccau.....	2	1	c02
.....ugacuagaucccgacucuggccUu.....	2	1	c02
.....ugacuagaucccgacGcuggccau.....	1	1	c02
.....ugacuagaucccgacucuggccauu.....	7	0	c02
.....ugacuagaucccgacucuggccauA.....	1	1	c02
.....ugacuagaucccgacucuggccUuu.....	1	1	c02
.....ugacuagaucccgacucuggccaAu.....	2	1	c02
.....ugacuagaucccgacucuggccauuU.....	1	1	c02
.....gacuagaucccgacucuggc.....	1	0	c02
.....acuagaucccgacucugg.....	1	0	c02
.....acuagaucccgacucuggc.....	1	0	c02
.....acuagaucccgacucuggcc.....	1	0	c02
.....acuagaucccgacucuggcca.....	1	0	c02
.....acuagaucccgacucuggccau.....	1	0	c02
.....cuagaucccgacucuggc.....	2	0	c02
.....cuagCucccgacucuggcc.....	1	1	c02
.....cuagaucccgCcucuggcca.....	1	1	c02
.....cuagaucccgacucuggcca.....	9	0	c02
.....cuagaucccgacucuggccau.....	2	0	c02
.....cuagaucccgacucuggccauu.....	1	0	c02
.....aucccgacucuggccauuU.....	1	1	c02
.....uguacagagucggauuugguuc.....	1	0	c02
.....uacagagucggauuugguu.....	5	0	c02
.....Gacagagucggauuugguu.....	1	1	c02
.....Gacagagucggauuugguuc.....	1	1	c02
.....uacagagucggauuugguuc.....	4	0	c02
.....Gacagagucggauuugguucc.....	1	1	c02
.....uacagagucggauuugguucc.....	24	0	c02
.....uacagagucgCauuugguuccc.....	1	1	c02
.....uacagagucggauuugguuccc.....	76	0	c02
.....Gacagagucggauuugguuccc.....	13	1	c02
.....Aacagagucggauuugguuccc.....	1	1	c02
.....uacagagucggauuuCguuccc.....	1	1	c02
.....uacagagucggauuugguuccU.....	2	1	c02
.....uacagagucggauuugguuccA.....	2	1	c02
.....uacagagucggauuugguucccU.....	2	1	c02
.....uacagagucggauuugguucccA.....	3	1	c02
.....uacagagucggauuugguucccUu.....	1	1	c02
.....cagagucggauuugguuccc.....	1	0	c02
.....ugacuagaucccgacucu.....	2	0	c04
.....ugacuagaucccgacucugg.....	2	0	c04
.....ugacuagaucccgacucuggc.....	8	0	c04
.....ugacuagCucccgacucuggcc.....	1	1	c04
.....ugacuagaucccgacucuggcA.....	4	1	c04
.....Ggacuagaucccgacucuggcc.....	1	1	c04
.....ugacuagaucccgacucuggcc.....	27	0	c04
.....ugacuagaucccgacucuAgcca.....	1	1	c04
.....ugacuagauccAgacucuggcca.....	2	1	c04
.....ugacuagaucccgacucuggcca.....	176	0	c04
.....ugacuagaucccgacucuggccU.....	1	1	c04
.....ugacuaCaucccgacucuggcca.....	1	1	c04
.....ugacuagaucccgacAcuggcca.....	1	1	c04
.....ugacuagaGcccgacucuggcca.....	1	1	c04
.....Ggacuagaucccgacucuggcca.....	9	1	c04
.....Ggacuagaucccgacucuggccau.....	1	1	c04
.....ugacuagaucccgacucuggccaC.....	18	1	c04
.....ugacuagaucccgacucuggccaA.....	42	1	c04
.....ugacuagaucccgacucuggccau.....	8	0	c04
.....ugacuagaucccgacucuggccauA.....	1	1	c04
.....ugacuagaucccgacucuggccaAu.....	2	1	c04
.....ugacuagaucccgacucuggccauu.....	3	0	c04
.....ugacuagaucccgacucuggccauuUu.....	1	1	c04
.....cuagaucccgacucuggcca.....	2	0	c04
.....cuagaucccgacucuggccaA.....	4	1	c04

Mature Star

auagcucucacaaaucgugu**ugacuagaucccgacucuggcca**uuguauuaaguaaug**uacagagucggauuugguuccc**guguauuugugugcaaucgucgauacuccaau

.....agaucccgacucuggcca.....	1	0	c04
.....uacagagucggauuugguucc.....	1	0	c04
.....uacagagucggauuugguuccc.....	5	0	c04
.....uacagagucggauuugguucccA.....	1	1	c04
.....Gguugacuagaucccgacucuggccauu.....	1	1	c16
.....gGugacuagaucccgacucuggcca.....	1	1	c16
.....ugacuagaucccgacuUu.....	1	1	c16
.....Ggacuagaucccgacucu.....	3	1	c16
.....ugacuagaucccgacucu.....	28	0	c16
.....ugacuagaucccgacucC.....	1	1	c16
.....ugacuagaucccgacucuC.....	1	1	c16
.....ugacuagaucccgacucug.....	20	0	c16
.....Ggacuagaucccgacucugg.....	5	1	c16
.....ugacuagaucccgacAcugg.....	1	1	c16
.....ugacuagaucccgCcucugg.....	1	1	c16
.....ugacuagaucccgacucugg.....	62	0	c16
.....uCacuagaucccgacucugg.....	1	1	c16
.....ugacuagaucccCacucugg.....	1	1	c16
.....ugacuagaucAcgacucuggc.....	1	1	c16
.....ugacCagaucccgacucuggc.....	1	1	c16
.....ugacuagaucccgCcucuggc.....	1	1	c16
.....ugaUuagaucccgacucuggc.....	1	1	c16
.....ugacuagaGcccgacucuggc.....	1	1	c16
.....ugacuagauccAgacucuggc.....	2	1	c16
.....ugacuaUaucccgacucuggc.....	1	1	c16
.....ugacuagaucccgacucuggc.....	248	0	c16
.....ugacuagauAccgacucuggc.....	1	1	c16
.....Ggacuagaucccgacucuggc.....	13	1	c16
.....ugacuagaucccgacucuAgc.....	1	1	c16
.....ugacuagaucccgacucuggcc.....	661	0	c16
.....ugacuagaucccgacucuggcA.....	5	1	c16
.....ugacuagaucccgGcucuggcc.....	1	1	c16
.....ugacuagaucccgCcucuggcc.....	3	1	c16
.....ugacuagaucccgacucuggcU.....	12	1	c16
.....ugacuaCaucccgacucuggcc.....	1	1	c16
.....ugacuagaucccUacucuggcc.....	1	1	c16
.....ugacuagauAccgacucuggcc.....	1	1	c16
.....ugacuagaucUcgacucuggcc.....	1	1	c16
.....ugacuagaucccAacucuggcc.....	1	1	c16
.....Ggacuagaucccgacucuggcc.....	55	1	c16
.....ugacuagaucccgacucCggcc.....	1	1	c16
.....ugacuagCucccgacucuggcc.....	1	1	c16
.....ugCcuagaucccgacucuggcc.....	2	1	c16
.....ugacuagauGccgacucuggcc.....	1	1	c16
.....ugacuagaucccgacucuggAc.....	2	1	c16
.....Agacuagaucccgacucuggcc.....	3	1	c16
.....ugacuagaucccgacucugUcc.....	1	1	c16
.....ugacuagauccAgacucuggcc.....	2	1	c16
.....ugacuagaucccgacucugUcca.....	3	1	c16
.....Cgacuagaucccgacucuggcca.....	9	1	c16
.....ugacuagauccUgacucuggcca.....	6	1	c16
.....ugacuagaucccgacucuggcGa.....	3	1	c16
.....ugacuagaucccUacucuggcca.....	1	1	c16
.....ugUcuagaucccgacucuggcca.....	1	1	c16
.....ugacuagaucccgacucugAcca.....	4	1	c16
.....ugacuagaucccgacGcuggcca.....	1	1	c16
.....ugCcuagaucccgacucuggcca.....	11	1	c16
.....ugacuagaucccgaAucuggcca.....	1	1	c16
.....ugacuCgaucccgacucuggcca.....	1	1	c16
.....ugacuagaucUcgacucuggcca.....	3	1	c16
.....ugacuagaucccgacucuggccU.....	25	1	c16
.....ugacuagaucAcgacucuggcca.....	9	1	c16
.....ugacuaUaucccgacucuggcca.....	2	1	c16
.....ugacuagaucccgacucuggcca.....	5323	0	c16
.....ugacuaCaucccgacucuggcca.....	2	1	c16
.....ugacuagaucccgaGucuggcca.....	1	1	c16
.....ugacuagaucccgacucuUgcca.....	2	1	c16
.....ugacuagaucccgacucAggcca.....	1	1	c16
.....uAacuagaucccgacucuggcca.....	1	1	c16

Mature Star

auagcucucacaaaucgugu**ugacuagaucccgacucuggcca**uuguauuaaguaaug**uacagagucggauuugguuccc**guguauuugugugcaaucgucgauacuccaau

.....ugacuagaucccgacAcuggcca.....	3	1	c16
.....Agacuagaucccgacucuggcca.....	11	1	c16
.....ugacuagaucccgGcucuggcca.....	1	1	c16
.....ugacuagaucccgaUucuggcca.....	1	1	c16
.....ugacuagauAccgacucuggcca.....	12	1	c16
.....ugacuagaucccAacucuggcca.....	1	1	c16
.....ugacuagaucccgacucuggccG.....	4	1	c16
.....ugacuagaucccgacucuggcUa.....	4	1	c16
.....ugacuagaucccgacucuCgcca.....	7	1	c16
.....ugaAuagaucccgacucuggcca.....	3	1	c16
.....ugacuaAaucccgacucuggcca.....	2	1	c16
.....ugacuagaucccgacucuggUca.....	1	1	c16
.....ugacuGgaucccgacucuggcca.....	3	1	c16
.....Ggacuagaucccgacucuggcca.....	448	1	c16
.....ugaUuagaucccgacucuggcca.....	3	1	c16
.....ugacuagauGccgacucuggcca.....	2	1	c16
.....ugacuagaucccCacucuggcca.....	5	1	c16
.....ugacuagCucccgacucuggcca.....	21	1	c16
.....ugacuagaucccgacucuggAca.....	12	1	c16
.....ugacuagaucccgacucCggcca.....	1	1	c16
.....uUacuagaucccgacucuggcca.....	3	1	c16
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.....ugacuagaucccgacucuggcAa.....	5	1	c16
.....ugacuagauccAgacucuggcca.....	12	1	c16
.....ugacuagaucccgacuAuggcca.....	3	1	c16
.....uCacuagaucccgacucuggcca.....	6	1	c16
.....ugacuagaucccgacucuggccC.....	8	1	c16
.....ugacuUgaucccgacucuggcca.....	1	1	c16
.....ugGcuagaucccgacucuggcca.....	2	1	c16
.....ugacuagaucccgacucugCcca.....	11	1	c16
.....ugacuagauUccgacucuggcca.....	1	1	c16
.....ugacuagaucGcgacucuggcca.....	2	1	c16
.....ugacuagaucccgCcucuggcca.....	60	1	c16
.....ugacuagaCcccgacucuggcca.....	2	1	c16
.....ugacuagGucccgacucuggcca.....	1	1	c16
.....ugacuagaucccgacucuCgccau.....	2	1	c16
.....ugacuagaucccgacucuggccaC.....	11	1	c16
.....ugacuagaucAcgacucuggccau.....	1	1	c16
.....ugacuagaucccgacucAggccau.....	2	1	c16
.....Agacuagaucccgacucuggccau.....	2	1	c16
.....ugacGagaucccgacucuggccau.....	1	1	c16
.....ugacuagGucccgacucuggccau.....	1	1	c16
.....ugacuagaucccgacucuggccaG.....	2	1	c16
.....ugacuagaucccgacucuggccaA.....	15	1	c16
.....ugacuagaucccgacucuggccUu.....	4	1	c16
.....ugacuagaucccgCcucuggccau.....	5	1	c16
.....ugacuagaCcccgacucuggccau.....	1	1	c16
.....ugacuagauAccgacucuggccau.....	1	1	c16
.....Ggacuagaucccgacucuggccau.....	42	1	c16
.....ugacuagaucccgacucuggcAau.....	2	1	c16
.....ugacuagaucccgacucuggccau.....	476	0	c16
.....ugacuCgaucccgacucuggccau.....	1	1	c16
.....ugaAuagaucccgacucuggccau.....	1	1	c16
.....ugacuagCucccgacucuggccau.....	1	1	c16
.....ugacuagaucccAacucuggccau.....	1	1	c16
.....ugacuagauccAgacucuggccau.....	2	1	c16
.....ugacuagaucccgacucuggccauG.....	3	1	c16
.....ugacuagauAccgacucuggccauu.....	1	1	c16
.....Ggacuagaucccgacucuggccauu.....	1	1	c16
.....ugacuagauccUgacucuggccauu.....	1	1	c16
.....ugacuagaucccgacucuggccaAu.....	1	1	c16
.....ugacuagaucccgacucuggccauu.....	59	0	c16
.....ugacuagaucccgacucuggccUuu.....	2	1	c16
.....ugacuagaucccgacucuggccaGu.....	1	1	c16
.....ugacuagaucccgacucuggccauC.....	4	1	c16
.....ugacuagaucccgacucuggccauA.....	9	1	c16
.....ugacuagaucccgacucuggccauuU.....	18	1	c16
.....ugacuagaucccgacucuggccauuC.....	1	1	c16
.....ugacuagaucccgacucuggccauuA.....	1	1	c16
.....ugacuagaucccgacucuggccauuUu.....	3	1	c16

Mature Star

auagcucucacaaaucgugugacuagaucccgacucuggccauuguauuaaguaauguacagagucggauuugguuccc guguauuugugugcaaucgucgauacuccaau

.....gacuagaucccgacucuggc.....	1	0	c16
.....gacuagaucccgacucuggAc.....	1	1	c16
.....gacuagaucccgacucuggcc.....	1	0	c16
.....gacuagaucccgacucuggcca.....	4	0	c16
.....gCcuagaucccgacucuggcca.....	1	1	c16
.....acuagaucccgacucuggcca.....	4	0	c16
.....Ccuagaucccgacucuggcca.....	1	1	c16
.....Ccuagaucccgacucuggccau.....	2	1	c16
.....Ccuagaucccgacucuggccauu.....	1	1	c16
.....cuagaucccgacucuggc.....	5	0	c16
.....cuagaucccgCcucuggcc.....	1	1	c16
.....cuagCucccgacucuggcc.....	1	1	c16
.....cuagaucccgacucuggcc.....	16	0	c16
.....cuagCucccgacucuggcca.....	2	1	c16
.....cuagaucccgacucuggcca.....	119	0	c16
.....cuagauAccgacucuggcca.....	1	1	c16
.....cuagaucccgacucuggccU.....	1	1	c16
.....cuagaucccgacucGggcca.....	1	1	c16
.....cuagaucccgCcucuggcca.....	2	1	c16
.....cuagaucccgacucuggcAau.....	1	1	c16
.....cuagaucccgacucuggccau.....	9	0	c16
.....cuagaucccgacucuggccaA.....	1	1	c16
.....cuagaucccgacucuggccUuu.....	1	1	c16
.....Gagaucccgacucuggcca.....	1	1	c16
.....uagaucccgacucuggccU.....	1	1	c16
.....uagaucccgacucuggcca.....	9	0	c16
.....uagaucccgacucuggccau.....	1	0	c16
.....uagaucccgacucuggccaAu.....	1	1	c16
.....agaucccgacucuggcca.....	8	0	c16
.....Cgaucccgacucuggcca.....	1	1	c16
.....agaucccgacucuggccauu.....	1	0	c16
.....auuaaguaauguacagagucggauuugg.....	1	0	c16
.....auuaaguaauguacagagucggauuugguucc.....	1	0	c16
.....auuaaguaauguUcagagucggauuugguuccc.....	1	1	c16
.....uguacagagucggauuuggu.....	1	0	c16
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.....uacagagucggauuuggu.....	6	0	c16
.....Gacagagucggauuugguu.....	3	1	c16
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.....uacagagucggauuugguuc.....	31	0	c16
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.....uacagagucggauuugguucG.....	1	1	c16
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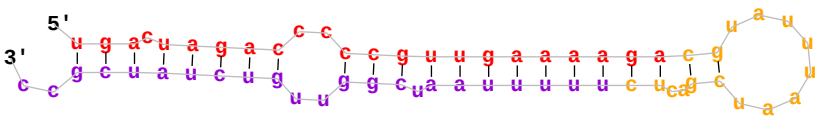
.....uacagagucggauuugguAcc.....	1	1	c16
.....Gacagagucggauuugguucc.....	15	1	c16
.....Aacagagucggauuugguucc.....	1	1	c16
.....uacagagucggauuugguucAc.....	4	1	c16
.....uacagagucUgauuugguuccc.....	1	1	c16
.....uacagagucggauuugguuccA.....	17	1	c16
.....Gacagagucggauuugguuccc.....	69	1	c16
.....uacagagucggauuugguCccc.....	1	1	c16
.....uacagagucggauuugguucU.....	13	1	c16
.....uacagagucggauuugguAcc.....	4	1	c16
.....uacagaUucggauuugguuccc.....	1	1	c16
.....Cacagagucggauuugguuccc.....	1	1	c16
.....uacagagucggauuugguuccc.....	661	0	c16
.....uacagagucggauuCgguuccc.....	1	1	c16
.....uacagagucggaAuugguuccc.....	1	1	c16
.....Aacagagucggauuugguuccc.....	2	1	c16
.....uacagagucggauuugCuuccc.....	1	1	c16
.....uacagagucggauAugguuccc.....	1	1	c16
.....uacagaguAggauuugguuccc.....	2	1	c16
.....uacagCgucggauuugguuccc.....	1	1	c16
.....uacagagucggauuugguucccg.....	2	0	c16
.....uacagagucggauuugguuccGg.....	1	1	c16
.....uacagagucggauuugguucccC.....	1	1	c16
.....uacagagucggauuugguucccA.....	15	1	c16

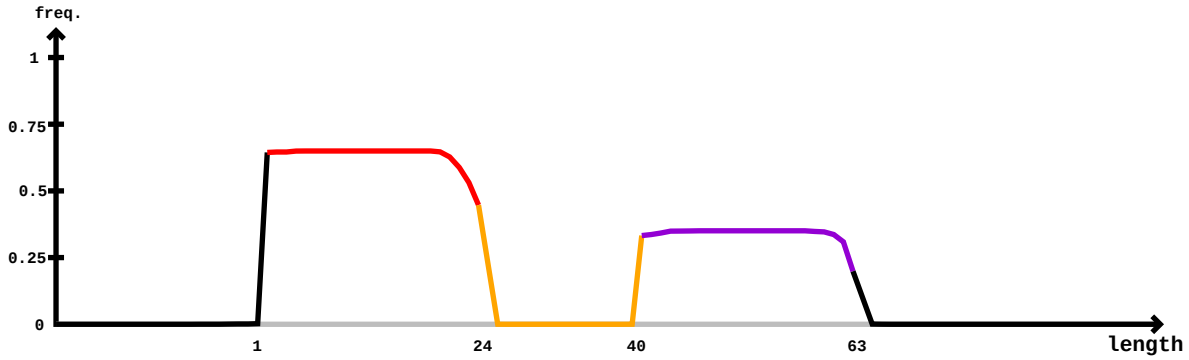
Mature Star

auagcucucacaaaucgugu**ugacuagaucccgacucuggcca**uuguauuaaguaaug**uacagagucggauuugguuccc**guguauuugugugcaaucgucgauacuccaau

.....uacagagucggauuugguucccU.....	34	1	c16
.....uacagagucggauuugguucccUu.....	2	1	c16
.....uacagagucggauuugguucccUug.....	1	1	c16
.....cagagucggauuugguuccc.....	2	0	c16
.....ugacuagaucccgacucu.....	5	0	c09
.....ugacuagaucccgacucug.....	1	0	c09
.....Ggacuagaucccgacucug.....	2	1	c09
.....ugacuagaucccgacucugg.....	8	0	c09
.....ugacuagaucccgacucuggc.....	57	0	c09
.....Cgacuagaucccgacucuggc.....	1	1	c09
.....Ggacuagaucccgacucuggc.....	3	1	c09
.....Ggacuagaucccgacucuggcc.....	8	1	c09
.....ugacuagaucccgacucuggcU.....	4	1	c09
.....ugacuagaucAcgacucuggcc.....	1	1	c09
.....ugacuagaucccgacucuggcA.....	2	1	c09
.....Agacuagaucccgacucuggcc.....	1	1	c09
.....ugacuagaucccgacucuggcc.....	79	0	c09
.....ugacuagaucccgCcucuggcc.....	3	1	c09
.....ugacuagaucAcgacucuggcca.....	1	1	c09
.....ugacuagaucccgacucuggAca.....	1	1	c09
.....ugacuagaucccgacCcuggcca.....	1	1	c09
.....ugacuaAaucccgacucuggcca.....	2	1	c09
.....ugacuagaucccAacucuggcca.....	1	1	c09
.....ugacuagaGcccgacucuggcca.....	1	1	c09
.....Agacuagaucccgacucuggcca.....	1	1	c09
.....Ggacuagaucccgacucuggcca.....	26	1	c09
.....ugacuagaucccgacucuggccU.....	5	1	c09
.....ugacuagCucccgacucuggcca.....	1	1	c09
.....ugacuagaucccgacucuggccC.....	1	1	c09
.....ugacuagaucccgCcucuggcca.....	1	1	c09
.....ugacuagaucccgacucuggcca.....	277	0	c09
.....ugacuagauAccgacucuggcca.....	1	1	c09
.....ugaUuagaucccgacucuggccau.....	1	1	c09
.....ugacuagaucccgacucuggccau.....	42	0	c09
.....Ggacuagaucccgacucuggccau.....	2	1	c09
.....ugacuagaucccgCcucuggccau.....	1	1	c09
.....ugacuagaucccgacucuggcAau.....	2	1	c09
.....ugacuagaucccgacucuggccaA.....	6	1	c09
.....ugacuagaucccgacucuggccUu.....	1	1	c09
.....ugacuagaucccgacucuggcUau.....	1	1	c09
.....ugacuagaucccgCcucuggccauu.....	1	1	c09
.....ugacuagaucccgacucuggccauu.....	5	0	c09
.....ugacuagaucccgacucuggccauuU.....	5	1	c09
.....gacuagaucccgacucuggcc.....	1	0	c09
.....gacuagaucccgacucuggcca.....	1	0	c09
.....acuagaucccgacucuggccau.....	1	0	c09
.....cuagaucccgacucuggc.....	2	0	c09
.....Guagaucccgacucuggcc.....	1	1	c09
.....cuagaucccgacucuggcc.....	3	0	c09
.....cuagaucccgacucuCgcca.....	1	1	c09
.....cuagaucccgacucuggcca.....	6	0	c09
.....cCagaucccgacucuggcca.....	1	1	c09
.....cuagaucccgacucuggccau.....	3	0	c09
.....cuagaucccgacucuggccauu.....	1	0	c09
.....uagaucccgacucuggcc.....	1	0	c09
.....uagaucccgacucuggcca.....	2	0	c09
.....agaucccgacucuggcca.....	1	0	c09
.....gaucccgacucuggccau.....	1	0	c09
.....uacagagucggauuugguuc.....	2	0	c09
.....uacagagucggauuugguucc.....	21	0	c09
.....uacagagucggauuugguuccc.....	36	0	c09
.....Gacagagucggauuugguuccc.....	2	1	c09
.....uacagagucggauuugguuccU.....	3	1	c09
.....uacagagucggauuugguucccA.....	2	1	c09

Provisional ID	:	tig00002196_group19_38882
Score total	:	2776.4
Score for star read(s)	:	3.9
Score for read counts	:	2765.9
Score for mfe	:	1.9
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	5437
Mature read count	:	3530
Loop read count	:	0
Star read count	:	1907





Mature **Star**

```
5'- guauauuccguugcggcgggugacuagacccccguugaaaagacguauuuaaucgacucuuuuuaaucgguugucuaucgccugucggagcgugacgucaucacaucgaagac  -3'   obs
    guauauuccguugcggcgggugacuagacccccguugaaaagacguauuuaaucgacucuuuuuaaucgguugucuaucgccugucggagcgugacgucaucacaucgaagac        exp
    ......((((((.((((((((((.((((((..(((((((((((((((........))..)))))))))).)))..)))))))))))))))).))))).)).(((.((.....)).)))  reads   mm   sample
    ...................ugacuagacccccguuga.....................................................................................  1       0    c04
    ...................ugacuagacccccguugaaaa..................................................................................  3       0    c04
    ...................ugacuagacccccguugaaaag.................................................................................  7       0    c04
    ...................ugacuagCcccccguugaaaaga................................................................................  1       1    c04
    ...................Ggacuagacccccguugaaaaga................................................................................  2       1    c04
    ...................ugacuagacAcccguugaaaaga................................................................................  1       1    c04
    ...................ugacuagacccccguugaaaaga................................................................................  49      0    c04
    ...................ugacuagaccccAguugaaaaga................................................................................  1       1    c04
    ...................ugacuagacccccguugaaaagC................................................................................  1       1    c04
    ...................ugacuagacccccguugaaaagaA...............................................................................  7       1    c04
    ..........................................................uuuuuaaucgguugucuauc.....................................  5       0    c04
    ..........................................................uuuuuaaucgguugucuaucg....................................  1       0    c04
    ..........................................................uuuuuaaucgguugucuaucgc...................................  9       0    c04
    ..........................................................uuuuuaaucgguugucuaucgA...................................  1       1    c04
    ..........................................................Guuuuaaucgguugucuaucgcc..................................  1       1    c04
    ..........................................................uuuuuaaucgguugucuaucgcc..................................  10      0    c04
    ..........................................................uuuuuaaucgguugucuaucgcA..................................  2       1    c04
    ..........................................................uuuuuaaucgguugucuaucgccC.................................  2       1    c04
    ..........................................................uuuuuaaucgguugucuaucgccA.................................  21      1    c04
    ..........................................................uuuuaaucgguugucuaucgccA..................................  1       1    c04
    ..................................................................uuaaucgguugucuaucgc...............................  1       0    c04
    ..................................................................uaaucgguugucuaucgc................................  1       0    c04

    .............cgAcgggugacuagacccccguugaaaaga.....................................................................  1       1    c16
    .............cUggugacuagacccccguugaaaaga.....................................................................  1       1    c16
    .............Ggggugacuagacccccguugaaaaga.....................................................................  1       1    c16
    .............cgggugacuagacccccguugaaaaga.....................................................................  1       0    c16
    .............gggugacuagacccccguugaaaaga.....................................................................  1       0    c16
    .............gAgugacuagacccccguugaaaaga.....................................................................  1       1    c16
    ...............Cugacuagacccccguugaa.........................................................................  1       1    c16
    ...............Cugacuagacccccguugaaaa.......................................................................  1       1    c16
    ...............Cugacuagacccccguugaaaag......................................................................  1       1    c16
    ...............Cugacuagacccccguugaaaaga.....................................................................  3       1    c16
```

Mature Star

guauauuccguugcggcgggugacuagacccccguugaaaagacguauuuaaucgacucuuuuuaaucgguugucuaucgccugucggagcgugacgucaucacaucgaagac

.....ugacuagacccccguuga.....	11	0	c16
.....Ggacuagacccccguuga.....	1	1	c16
.....ugacuagacccccguugaa.....	76	0	c16
.....Ggacuagacccccguugaa.....	12	1	c16
.....ugacuagaccccUguugaa.....	1	1	c16
.....ugacuagaccccguCgaa.....	1	1	c16
.....ugacuagaccccgAugaa.....	1	1	c16
.....ugacuagCccccccguugaa.....	2	1	c16
.....ugacuagaccccAguugaaa.....	1	1	c16
.....ugacuagaccccguuCaaa.....	1	1	c16
.....ugacuagacccccguugaaa.....	158	0	c16
.....ugacuagCccccccguugaaa.....	2	1	c16
.....ugCcuagacccccguugaaa.....	2	1	c16
.....ugacuagacccccguugaaU.....	1	1	c16
.....uAacuagacccccguugaaa.....	1	1	c16
.....ugacuagaccccCuugaaa.....	1	1	c16
.....Ggacuagacccccguugaaa.....	13	1	c16
.....ugacuagacccccguugaaaa.....	230	0	c16
.....ugacuagacccccguuCaaaa.....	1	1	c16
.....uCacuagacccccguugaaaa.....	1	1	c16
.....ugacuagacAcccguugaaaa.....	2	1	c16
.....ugacuagacccUcguugaaaa.....	1	1	c16
.....Ggacuagacccccguugaaaa.....	18	1	c16
.....uUacuagacccccguugaaaa.....	1	1	c16
.....ugacuagCccccccguugaaaa.....	4	1	c16
.....ugaAuagacccccguugaaaa.....	1	1	c16
.....ugacuagaccccAuugaaaag.....	1	1	c16
.....Ggacuagacccccguugaaaag.....	46	1	c16
.....ugacuagaccccgAugaaaag.....	1	1	c16
.....ugacuagaccAccguugaaaag.....	1	1	c16
.....ugacCagacccccguugaaaag.....	1	1	c16
.....ugacuagCccccccguugaaaag.....	3	1	c16
.....ugacuagacccccguugaaaag.....	290	0	c16
.....ugacuagacccccguuUaaaag.....	1	1	c16
.....ugacuagacccccguugaaaaA.....	2	1	c16
.....ugacuagacccccguugaaaCg.....	1	1	c16
.....ugacuagacAcccguugaaaag.....	6	1	c16
.....ugacuagacccAcguugaaaag.....	1	1	c16
.....ugacuagaccccAguugaaaaga.....	3	1	c16
.....ugacuagacccccguugaUaaga.....	1	1	c16
.....ugacuGgacccccguugaaaaga.....	1	1	c16
.....ugacuagacccccguugaGaaga.....	1	1	c16
.....ugacuagacccccguugaaaCga.....	1	1	c16
.....ugacuagaccccAuugaaaaga.....	1	1	c16
.....ugacuagacAcccguugaaaaga.....	11	1	c16
.....ugGcuagacccccguugaaaaga.....	1	1	c16
.....Cgacuagacccccguugaaaaga.....	2	1	c16
.....ugacuagaccAccguugaaaaga.....	3	1	c16
.....ugCcuagacccccguugaaaaga.....	5	1	c16
.....uUacuagacccccguugaaaaga.....	1	1	c16
.....ugacuagaccccUuugaaaaga.....	1	1	c16
.....ugacuagacccccguCgaaaaga.....	1	1	c16
.....ugacuagacccccguuUaaaaga.....	1	1	c16
.....ugacuagacccccguugCaaaga.....	1	1	c16
.....ugacuagacccccguugaaaagC.....	3	1	c16
.....ugacuagacccccguuCaaaaga.....	1	1	c16
.....ugacuagacccccguugaaaaga.....	1670	0	c16
.....ugacuagacccccguugaaaagG.....	3	1	c16
.....ugacCagacccccguugaaaaga.....	1	1	c16
.....Agacuagacccccguugaaaaga.....	2	1	c16
.....ugacuagacccccguugaaaaUa.....	2	1	c16
.....ugacuagCccccccguugaaaaga.....	19	1	c16
.....ugacuagacGcccguugaaaaga.....	4	1	c16
.....ugacuagaccGccguugaaaaga.....	1	1	c16
.....ugacuagacccccgGugaaaaga.....	1	1	c16
.....ugacuagacccccguugaaaGga.....	1	1	c16
.....Ggacuagacccccguugaaaaga.....	167	1	c16
.....ugUcuagacccccguugaaaaga.....	1	1	c16
.....ugacuagacccAcguugaaaaga.....	3	1	c16
.....ugacuaAacccccguugaaaaga.....	1	1	c16

Mature Star

guauauuccguugcggcgggugacuagacccccguugaaaagacguauuuaaucgacucuuuuuaaucgguugucuaucgccugucggagcgugacgucaucacaucgaagac

.....ugacuagacccccguugaaaagaA.....	36	1	c16
.....ugacuagacccccguugaaaagaG.....	3	1	c16
.....ugacuagacccccguugaaaagac.....	4	0	c16
.....ugacuagacccccguugaaaagaGg.....	1	1	c16
.....gacuagacccccguugaaaag.....	2	0	c16
.....gacuagacccccguugaaaaga.....	6	0	c16
.....cuagacccccguugaaaag.....	1	0	c16
.....cuagacccccguugaaaaga.....	10	0	c16
.....cuagCccccccguugaaaaga.....	1	1	c16
.....uagacccccguugaaaaga.....	1	0	c16
.....Uuuuuuaaucgguugucuaucgccu.....	1	1	c16
.....uuuuuaaucgguugucua.....	10	0	c16
.....uuuuuaaucgguuCucua.....	1	1	c16
.....uuuuuaaucgguugucuau.....	6	0	c16
.....Guuuuaaucgguugucuau.....	1	1	c16
.....Guuuuaaucgguugucuauc.....	2	1	c16
.....uuuuuaaucgguugucuauc.....	34	0	c16
.....uuuuuaaucgAuugucuaucg.....	1	1	c16
.....Guuuuaaucgguugucuaucg.....	9	1	c16
.....uuuuuaaucgguugucuaucg.....	113	0	c16
.....uuuCuaaucgguugucuaucgc.....	1	1	c16
.....Auuuuaaucgguugucuaucgc.....	3	1	c16
.....Cuuuuaaucgguugucuaucgc.....	2	1	c16
.....uuuuuaaucgguugucuauUgc.....	1	1	c16
.....uuuuuaaucgguuguAuaucgc.....	1	1	c16
.....uuAuuaaucgguugucuaucgc.....	1	1	c16
.....Guuuuaaucgguugucuaucgc.....	28	1	c16
.....uuuuuaaucgguugucuauAgc.....	1	1	c16
.....uuuuuaaucgCuugucuaucgc.....	1	1	c16
.....uuuuuaauAgguugucuaucgc.....	1	1	c16
.....uuuuuaaucgguuCucuaucgc.....	1	1	c16
.....uuuuuaaucgguugucuaucgU.....	6	1	c16
.....uuuuuaUucgguugucuaucgc.....	1	1	c16
.....uuuuuaaucCguugucuaucgc.....	1	1	c16
.....uuuuuaaucgguugucuaucgc.....	381	0	c16
.....uuuuuaaucggAugucuaucgc.....	1	1	c16
.....uuuuuaaucgguGgucuaucgcc.....	1	1	c16
.....uuuuuaaucgguugucuaucgAc.....	2	1	c16
.....uuuuuaaGcgguugucuaucgcc.....	1	1	c16
.....uuuuuaaucgguugucuaucgcA.....	8	1	c16
.....uuuuuaaucgguuguCaucgcc.....	1	1	c16
.....uuuuuaaucgguugucuaucgcc.....	541	0	c16
.....uuuuuGaucgguugucuaucgcc.....	1	1	c16
.....Cuuuuaaucgguugucuaucgcc.....	2	1	c16
.....uuuuuaaucgguCgucuaucgcc.....	1	1	c16
.....uuuuuaUucgguugucuaucgcc.....	2	1	c16
.....uuuuuaaucgguugucuaucUcc.....	1	1	c16
.....Auuuuaaucgguugucuaucgcc.....	2	1	c16
.....uCuuuaaucgguugucuaucgcc.....	2	1	c16
.....uuuuuaaucgguugucuauAgcc.....	1	1	c16
.....Guuuuaaucgguugucuaucgcc.....	78	1	c16
.....uuuuuaaucgUuugucuaucgcc.....	1	1	c16
.....uuuuuaaucgguugucuCucgcc.....	1	1	c16
.....uuuuuaauUgguugucuaucgcc.....	1	1	c16
.....uuCuuaaucgguugucuaucgcc.....	1	1	c16
.....uuuuuaaucgguugucuaucgcU.....	11	1	c16
.....uuuuuaaucgguugucuaucAcc.....	1	1	c16
.....uuuuuaaucUguugucuaucgcc.....	1	1	c16
.....Guuuuaaucgguugucuaucgccu.....	15	1	c16
.....uuuuuaaucgguugucuaucgccA.....	38	1	c16
.....uuuuuaaucgguAgucuaucgccu.....	1	1	c16
.....uuuuuaaucgguugucuaucgcAu.....	1	1	c16
.....uuuuuaaucgguugucuaucgccu.....	105	0	c16
.....uuuuuaaucgguugucuaucgccC.....	2	1	c16
.....uuuuuaaAcgguugucuaucgccu.....	1	1	c16
.....uuuuuaaucgAuugucuaucgccu.....	1	1	c16
.....uuuuuaaucgguugucuauAgccu.....	2	1	c16
.....uuuuuaaucgguugucuaucgccuUu.....	1	1	c16
.....uuuuaaucgguugucuaucg.....	2	0	c16
.....uuuuaaucgguugucuaucgc.....	3	0	c16

Mature Star

guauauuccguugcggcgggugacuagacccccguugaaaagacguauuuaaucgacucuuuuuaaucgguugucuaucgccugucggagcgugacgucaucacaucgaagac

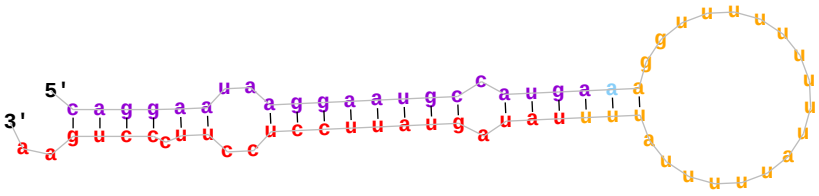
.....Guuuaaucgguugucuaucgc.....	1	1	c16
.....uuuuaaucgguugucuaucgcA.....	2	1	c16
.....Guuuaaucgguugucuaucgcc.....	1	1	c16
.....uuuuaaucgguugucuaucgcc.....	5	0	c16
.....uuuuaaucgguugucuaucgccA.....	1	1	c16
.....uuuuaaucgguugucuaucgccu.....	1	0	c16
.....Guuuaaucgguugucuaucgccu.....	1	1	c16
.....uuuuaaucgguugucuaucgccuU.....	1	1	c16
.....uuuaaucgguugucuaucg.....	4	0	c16
.....uuuaaucgguugucuaucgc.....	4	0	c16
.....Guuaaucgguugucuaucgc.....	1	1	c16
.....uuuaaucgguugucuaucgcc.....	8	0	c16
.....Guuaaucgguugucuaucgcc.....	1	1	c16
.....uuuaaucgguugucuaucgccA.....	2	1	c16
.....uuuaaucgguugucuaucgccu.....	3	0	c16
.....uuaaucgguugucuaucg.....	3	0	c16
.....uuaaucgguugucuaucgc.....	4	0	c16
.....uuaaucgguugucuaucgcU.....	2	1	c16
.....Auaaucgguugucuaucgcc.....	1	1	c16
.....uuaaucgguugucuaucgcc.....	12	0	c16
.....uuaaucgguugucuaucgccu.....	1	0	c16
.....uuaaucgguugucuaucgccA.....	2	1	c16
.....aaucgguugucuaucgcc.....	2	0	c16
.....ugacuagacccccguuga.....	2	0	c09
.....ugacuagacccccguugaa.....	5	0	c09
.....ugacuagacccccguugaaa.....	6	0	c09
.....ugacuagacccccguugaaaa.....	15	0	c09
.....ugacuagacccccguuUaaaag.....	1	1	c09
.....ugacuagacccccguugaaaaA.....	1	1	c09
.....ugacuagacccccguugaaaag.....	39	0	c09
.....Ggacuagacccccguugaaaag.....	1	1	c09
.....ugacuagacccccguugaaaaga.....	103	0	c09
.....ugacuagacccccguugaaaaAa.....	1	1	c09
.....ugacuagacccccguugaUaaga.....	1	1	c09
.....ugacuagaccccAguugaaaaga.....	1	1	c09
.....Agacuagacccccguugaaaaga.....	1	1	c09
.....Ggacuagacccccguugaaaaga.....	8	1	c09
.....ugacuagacccccguugaaaagaA.....	10	1	c09
.....ugacuagacccccguugaaaagaG.....	1	1	c09
.....ugacuagacccccguugaaaagaU.....	1	1	c09
.....cuagacccccguugaaaaga.....	2	0	c09
.....uagacccccguugaaaaga.....	1	0	c09
.....Guuuuaaucgguugucua.....	1	1	c09
.....uuuuuaaucgguuCucuauc.....	1	1	c09
.....uuuuuaaucgguugucuauc.....	6	0	c09
.....uuuuuaaucgguugucuaucg.....	5	0	c09
.....uuuuuaaucgguugucuaucgc.....	32	0	c09
.....uuuuuaaucgguugucuaucgcA.....	1	1	c09
.....uuuuuaaucgguugucuaucgcU.....	2	1	c09
.....Guuuuaaucgguugucuaucgcc.....	1	1	c09
.....uuuuuaaucgguugucuaucgcc.....	26	0	c09
.....uuuuuaaucgguugucuaucgccu.....	9	0	c09
.....uuuuuaaucgguugucuaucgccA.....	4	1	c09
.....Guuuuaaucgguugucuaucgccu.....	1	1	c09
.....uuuuuaaucgguugucuaucgccuU.....	1	1	c09
.....uuuuaaucgguugucuauc.....	1	0	c09
.....uuuuaaucgguugucuaucgcc.....	1	0	c09
.....uuuaaucgguugucuaucgc.....	1	0	c09
.....uuuaaucgguugucuaucgcc.....	2	0	c09
.....uuaaucgguugucuaucgc.....	4	0	c09
.....uuaaucgguugucuaucgccu.....	1	0	c09
.....uaaucgguugucuaucgccu.....	1	0	c09
.....ugacuagacccccguugaaa.....	2	0	c15
.....ugacuagacccccguugaaaag.....	1	0	c15
.....ugacuagacccccguugaaaaga.....	13	0	c15
.....uuuuuaaucgguugucuaucgc.....	3	0	c15
.....uuuuuaaucgguugucuaucgcA.....	1	1	c15
.....ugacuagacccccguuga.....	3	0	c02

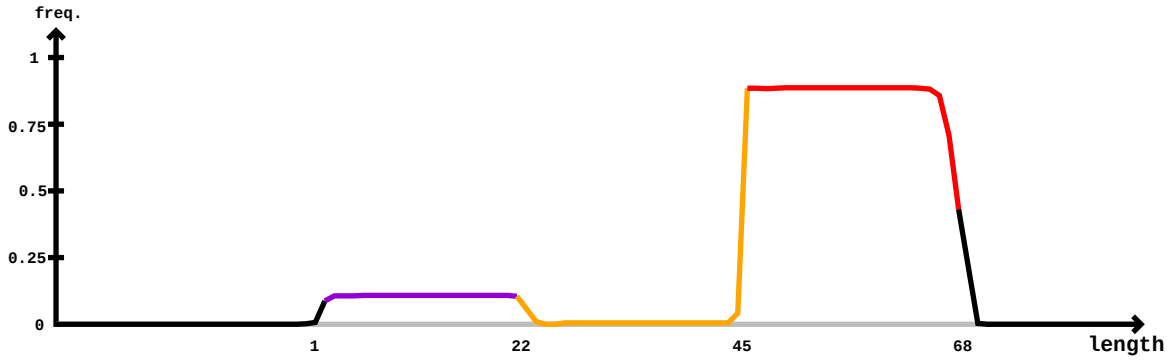
Mature Star

guauauuccguugcggcgggugacuagacccccguugaaaagacguauuuaaucgacucuuuuuaaucgguugucuaucgccugucggagcgugacgucaucacaucgaagac

.....ugacuagacccccguugaa.....	5	0	c02
.....Ggacuagacccccguugaaa.....	2	1	c02
.....ugacuagacccccguugaaa.....	25	0	c02
.....ugacuagacccccguugaaaa.....	27	0	c02
.....Ggacuagacccccguugaaaa.....	3	1	c02
.....ugacuagacccccguugaaaGg.....	1	1	c02
.....Ggacuagacccccguugaaaag.....	1	1	c02
.....ugacuagacccccguugaaaaA.....	2	1	c02
.....ugacuagacccccguugaaaag.....	45	0	c02
.....ugacuagacccAcguugaaaag.....	1	1	c02
.....ugacuagacccccguugaaaaC.....	1	1	c02
.....ugacuagacccccgAugaaaaga.....	1	1	c02
.....ugacuagaccccUguugaaaaga.....	1	1	c02
.....ugacuagacccccguugaaaUga.....	1	1	c02
.....ugacuagaccAccguugaaaaga.....	1	1	c02
.....ugacuagacccccguugaaaaga.....	191	0	c02
.....ugacuagaccccccguAgaaaaga.....	1	1	c02
.....ugaAuagacccccguugaaaaga.....	1	1	c02
.....ugacuagCccccccguugaaaaga.....	2	1	c02
.....ugacuagacccccguugaaaagU.....	1	1	c02
.....ugacuagacAcccguugaaaaga.....	1	1	c02
.....ugacuagacccccguugaaaaAa.....	1	1	c02
.....ugacuagacUcccguugaaaaga.....	1	1	c02
.....ugacuagacccccUuugaaaaga.....	1	1	c02
.....ugacuagacccccguugaaaagG.....	1	1	c02
.....Agacuagacccccguugaaaaga.....	1	1	c02
.....ugacuagaccccccguuCaaaaga.....	1	1	c02
.....Ggacuagacccccguugaaaaga.....	13	1	c02
.....ugacuagacccAcguugaaaaga.....	2	1	c02
.....ugacuagacccccguugaGaaga.....	1	1	c02
.....ugacuagacccccguugaaaagaA.....	11	1	c02
.....ugacuagacccccguugaaaagaG.....	1	1	c02
.....gacuagacccccguugaaaaga.....	1	0	c02
.....cuagacccccguugaaaaga.....	5	0	c02
.....uuuuuaaucgguugucua.....	1	0	c02
.....Guuuuaaucgguugucuau.....	1	1	c02
.....uuuuuaaucgguugucuau.....	1	0	c02
.....uuuuuaaucgguugucuauc.....	5	0	c02
.....uuuuuaaucgguugucuaucg.....	10	0	c02
.....Guuuuaaucgguugucuaucg.....	1	1	c02
.....uuuuuaaucgguugucuaucgU.....	1	1	c02
.....uuuuuaCucgguugucuaucgc.....	1	1	c02
.....uuuuuaaucgguugucuaucgc.....	88	0	c02
.....uuuuuaauAgguugucuaucgc.....	1	1	c02
.....Guuuuaaucgguugucuaucgc.....	10	1	c02
.....Cuuuuaaucgguugucuaucgc.....	2	1	c02
.....uuuuuaaucgguugucuCucgcc.....	1	1	c02
.....uuuuuaaucgguugucuaucgcA.....	1	1	c02
.....Guuuuaaucgguugucuaucgcc.....	11	1	c02
.....uuuCuaaucgguugucuaucgcc.....	1	1	c02
.....uuuuuaaucgguugucuaucgcc.....	58	0	c02
.....uuuuuaaucgguugucuaucgcU.....	3	1	c02
.....uuuuuaaucgguugucuaucgUc.....	1	1	c02
.....uuuuuaaucgguugucuaucgccA.....	3	1	c02
.....uuuuuaaucgguugucuaucgccC.....	2	1	c02
.....uuuuuaaucgguugucuaucgccu.....	19	0	c02
.....Guuuuaaucgguugucuaucgccu.....	4	1	c02
.....uuuuuaaucgguugucuaucgccuU.....	1	1	c02
.....uuuaaucgguugucuaucgc.....	1	0	c02
.....Guuaaucgguugucuaucgc.....	1	1	c02
.....uuuaaucgguugucuaucgcA.....	1	1	c02
.....uuuaaucgguugucuaucgcc.....	2	0	c02
.....uuaaucgguugucuaucgcc.....	5	0	c02
.....uuaaucgguugucuaucgccu.....	2	0	c02
.....aucgguugucuaucgccu.....	3	0	c02

Provisional ID	:	tig00002196_group19_38883
Score total	:	296.2
Score for star read(s)	:	3.9
Score for read counts	:	290.7
Score for mfe	:	0.6
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	582
Mature read count	:	516
Loop read count	:	3
Star read count	:	63



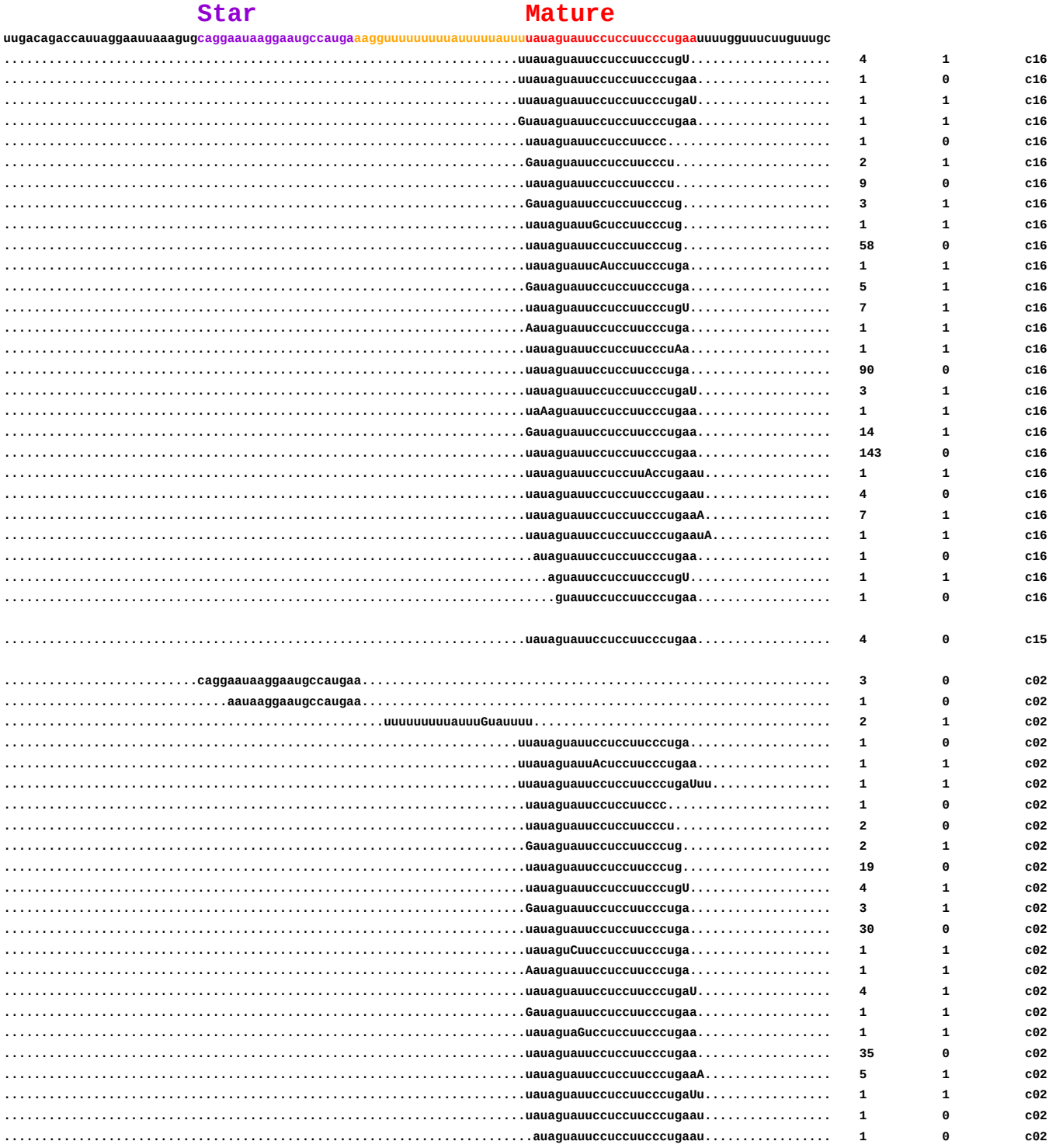


Star **Mature**

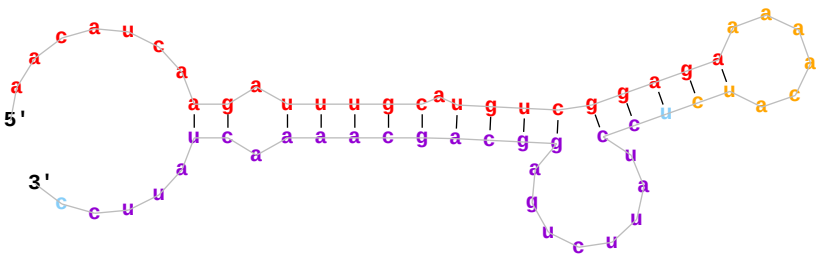
```
5'- uugacagaccauuaggaauuaaagugcaggaauaaggaaugccaugaaagguuuuuuuuuuauuuuuauuuuauuaguauuccuccuuccccugaauuuuggguuucuuguuugc  -3'   obs
    uugacagaccauuaggaauuaaagugcaggaauaaggaaugccaugaaagguuuuuuuuuuauuuuuauuuuauuaguauuccuccuuccccugaauuuuggguuucuuguuugc        exp
    ....(((((....((((((((((((.(((((((..(((((((((.(((((((.....................))))))).)))))))))..)).)))))..)))))))))))))).)))))).   reads    mm    sample
    ........................caggaauaaggaaugccauga.....................................................................   2        0     c09
    ........................caggaauaaggaaugccaugaa....................................................................   1        0     c09
    .......................aggaauaaggaaugccaugaaa.....................................................................   1        0     c09
    ..................................................uuuuuuuuuauuuGuauuuua.....................................................   1        1     c09
    ..........................................................uuauaguauuccuccuuccccuga..................................   1        0     c09
    ..........................................................uauaguauuccuccuuccccu.....................................   1        0     c09
    ..........................................................uauaguauuccuccuuccccug....................................   1        0     c09
    ..........................................................uauaguauuccuccuuccccuga...................................   3        0     c09
    ..........................................................uauaguauuccuccuuccccugU...................................   1        1     c09
    ..........................................................Gauaguauuccuccuuccccugaa..................................   1        1     c09
    ..........................................................uauaguauuccuccuuccccugaa..................................   8        0     c09
    ..........................................................uauaguauuccuccuuccccugaaA.................................   2        1     c09

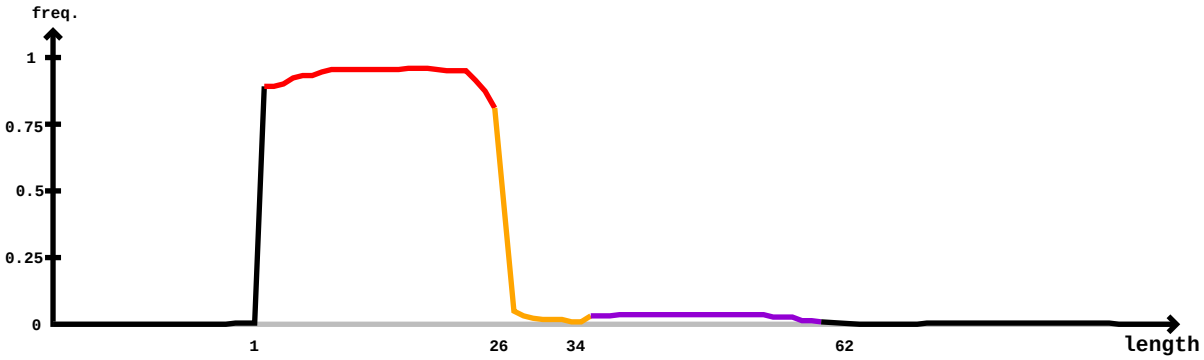
    ..........................................................uuauaguauuccuccuuccccugaa..................................   1        0     c04
    ..........................................................uauaguauuccuccuuccccuga...................................   1        0     c04
    ..........................................................uauaguauuccuccuuccccugaa..................................   3        0     c04
    ..........................................................uauaguauuccuccuuccccugaaA.................................   2        1     c04

    ......................ugcaggaauaaggaaugccaugaU.....................................................................   1        1     c16
    ......................gcaggaauaaggaaugccauga.......................................................................   3        0     c16
    ......................caggaauaaggaaugccaug.........................................................................   2        0     c16
    ......................caggaauaaggaaugccauga........................................................................   25       0     c16
    ......................caggaauGaggaaugccauga........................................................................   1        1     c16
    ......................caggaauaaggaaugccaugaa......................................................................   12       0     c16
    ......................caggaauaaggaauUccaugaa......................................................................   1        1     c16
    .....................aggaauaaggaaugccauga........................................................................   1        0     c16
    .....................aggaauaaggaaugccaugaa......................................................................   4        0     c16
    .....................aggaauaaggaaugccaugaaa.....................................................................   5        0     c16
    ..........................................................uuauaguauuccuccuucc.....................................   1        0     c16
    ..........................................................uuauaguauuccuccuuccccug..................................   2        0     c16
    ..........................................................Guauaguauuccuccuuccccug..................................   1        1     c16
    ..........................................................uuauaguauuccuccuuccccuga..................................   4        0     c16
    ..........................................................Guauaguauuccuccuuccccuga..................................   1        1     c16
```


Star
Mature
uugacagaccauuaggaauuaaagugcaggaauaaggaaugccaugaaagguuuuuuuuuauuuuuauuuuauauguauuccuccuuccccugaauuuuggguuucuuguuugc
.....uauauguauuccuccuuccccugU..... 4 1 c16
.....uuauauguauuccuccuuccccugaa..... 1 0 c16
.....uuauauguauuccuccuuccccugaU..... 1 1 c16
.....Guauauguauuccuccuuccccugaa..... 1 1 c16
.....uauauguauuccuccuuccc..... 1 0 c16
.....Gauauguauuccuccuucccu..... 2 1 c16
.....uauauguauuccuccuucccu..... 9 0 c16
.....Gauauguauuccuccuucccug..... 3 1 c16
.....uauauguauuGcuccuucccug..... 1 1 c16
.....uauauguauuccuccuucccug..... 58 0 c16
.....uauauguauucAuccuucccuga..... 1 1 c16
.....Gauauguauuccuccuucccuga..... 5 1 c16
.....uauauguauuccuccuucccugU..... 7 1 c16
.....Aauauguauuccuccuucccuga..... 1 1 c16
.....uauauguauuccuccuucccuAa..... 1 1 c16
.....uauauguauuccuccuucccuga..... 90 0 c16
.....uauauguauuccuccuucccugaU..... 3 1 c16
.....uaAauguauuccuccuucccugaa..... 1 1 c16
.....Gauauguauuccuccuucccugaa..... 14 1 c16
.....uauauguauuccuccuucccugaa..... 143 0 c16
.....uauauguauuccuccuuAccugaau..... 1 1 c16
.....uauauguauuccuccuucccugaau..... 4 0 c16
.....uauauguauuccuccuucccugaaA..... 7 1 c16
.....uauauguauuccuccuucccugaauA..... 1 1 c16
.....auauguauuccuccuucccugaa..... 1 0 c16
.....aguauuccuccuucccugU..... 1 1 c16
.....guauuccuccuucccugaa..... 1 0 c16
.....uauauguauuccuccuucccugaa..... 4 0 c15
.....caggaauaaggaaugccaugaa..... 3 0 c02
.....aauaaggaaugccaugaa..... 1 0 c02
.....uuuuuuuuuauuuGuauuuu..... 2 1 c02
.....uuauauguauuccuccuucccuga..... 1 0 c02
.....uuauauguauuAcuccuucccugaa..... 1 1 c02
.....uuauauguauuccuccuucccugaUuu..... 1 1 c02
.....uauauguauuccuccuuccc..... 1 0 c02
.....uauauguauuccuccuucccu..... 2 0 c02
.....Gauauguauuccuccuucccug..... 2 1 c02
.....uauauguauuccuccuucccug..... 19 0 c02
.....uauauguauuccuccuucccugU..... 4 1 c02
.....Gauauguauuccuccuucccuga..... 3 1 c02
.....uauauguauuccuccuucccuga..... 30 0 c02
.....uauauguCuuccuccuucccuga..... 1 1 c02
.....Aauauguauuccuccuucccuga..... 1 1 c02
.....uauauguauuccuccuucccugaU..... 4 1 c02
.....Gauauguauuccuccuucccugaa..... 1 1 c02
.....uauauguaGuccuccuucccugaa..... 1 1 c02
.....uauauguauuccuccuucccugaa..... 35 0 c02
.....uauauguauuccuccuucccugaaA..... 5 1 c02
.....uauauguauuccuccuucccugaUu..... 1 1 c02
.....uauauguauuccuccuucccugaau..... 1 0 c02
.....auauguauuccuccuucccugaau..... 1 0 c02

Provisional ID	:	tig00002307_45168
Score total	:	103.4
Score for star read(s)	:	3.9
Score for read counts	:	104.1
Score for mfe	:	-1.7
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	216
Mature read count	:	209
Loop read count	:	0
Star read count	:	7





Mature **Star**

```
5'- cagaauauuccagacagaggaacaucaagauuugcaugucggagaaaaacaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc  -3'   obs
    cagaauauuccagacagaggaacaucaagauuugcaugucggagaaaaacaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc        exp
    ..............(((.((((.....((.((((((.((((((((((......)))))........)))))))))..)).)))))))))(((.(((....))).)).))).....  reads     mm      sample
    ....................................augucggagaaaaacaucuc.....................................................................  1         0       c15
    ..........................................................cuauucAgaggcagcaaaacu.....................................................  1         1       c15
    ..................................................................................aagaaaucuuucgcugaugu......  1         0       c15

    ....................aacaucaagauuugcaug.....................................................................................  1         0       c16
    ....................Cacaucaagauuugcaugucgga.................................................................................  1         1       c16
    ....................aacaucaagaAuugcaugucggag................................................................................  1         1       c16
    ....................aacaucaagauuugcaugucggaga...............................................................................  34        0       c16
    ....................Cacaucaagauuugcaugucggaga...............................................................................  2         1       c16
    ....................aacaucaagauuugcaugucUgagaa..............................................................................  1         1       c16
    ....................Cacaucaagauuugcaugucggagaa..............................................................................  4         1       c16
    ....................aacaucaagauuugAaugucggagaa..............................................................................  1         1       c16
    ....................aacaucaagauuugcaugucggagaa..............................................................................  38        0       c16
    ....................aacaucaagauuugcaugucggagaaU.............................................................................  1         1       c16
    ....................aacaucaagauuugcaugucggagaaa.............................................................................  3         0       c16
    ......................Uaucaagauuugcaugucggagaa...............................................................................  1         1       c16
    .......................Cucaagauuugcaugucggagaa................................................................................  1         1       c16
    ..........................aagCuuugcaugucggag...................................................................................  1         1       c16
    ..........................agauuugcaugucggagaa..................................................................................  1         0       c16
    ..................................................Gaucuccuauucugaggcagcaaaacu.....................................................  1         1       c16
    ......................................................ccuaCucugaggcagcaaa.........................................................  1         1       c16
    ......................................................ccuauucugaggcagcaaaacu.....................................................  1         0       c16
    ......................................................ccuauucugaggcagcaaaacuauuc.................................................  2         0       c16
    ........................................................auucAgaggcagcaaaacuau.....................................................  1         1       c16

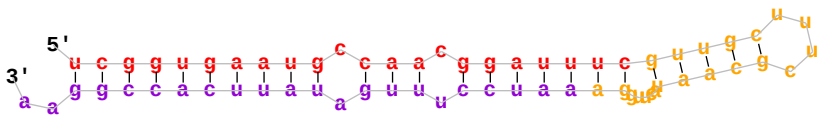
    ................aggaacaucaagauuugcaugu..................................................................................  1         0       c04
    ....................aacaucaagauuAgcaugucgg...............................................................................  1         1       c04
    ....................aacaucaagauuugcaugucgg...............................................................................  7         0       c04
    ....................aacaucaagauuugcaugucgga..............................................................................  6         0       c04
    ....................aacaucaagauuugcaugucggag.............................................................................  5         0       c04
    ....................aacaucaagauuugcaugucggaA.............................................................................  4         1       c04
    ....................Cacaucaagauuugcaugucggag.............................................................................  1         1       c04
    ....................aacaucaagauuAgcaugucggag.............................................................................  1         1       c04
```

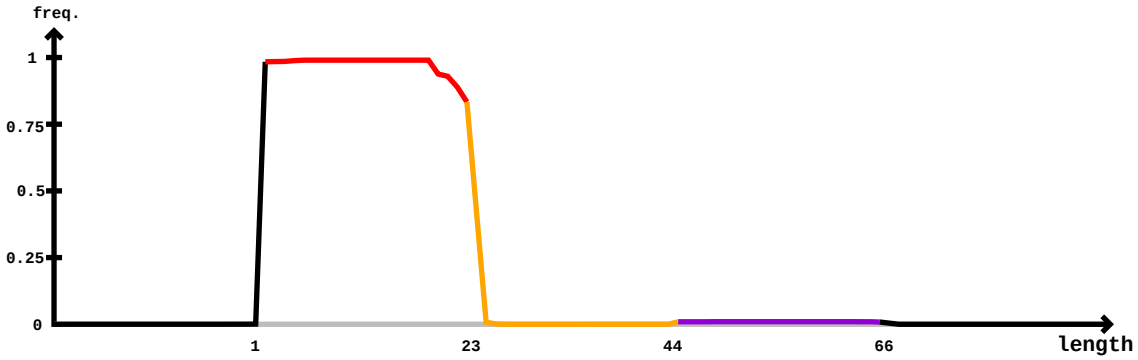
Mature Star

cagaauauuccagacagaggaacaucaagauuugcaugucggagaaaaacaucuccuauucugaggcagcaaaacuauuccugcagcuaagaaaucuuucgcugauguacuagc

.....aacaucaagauuAgcaugucggaga.....	2	1	c04
.....Cacaucaagauuugcaugucggaga.....	1	1	c04
.....aacaucaagauuugcaugucggaga.....	41	0	c04
.....aacGucaagauuugcaugucggaga.....	1	1	c04
.....aaAaucaagauuugcaugucggaga.....	1	1	c04
.....aacaucaagauuugcaugucggaAa.....	1	1	c04
.....aacaucaagauuugcaugucggagaa.....	30	0	c04
.....aacaucaagauuAgcaugucggagaa.....	5	1	c04
.....Cacaucaagauuugcaugucggagaa.....	1	1	c04
.....aacaucaagauuugcaugucggagaaGa.....	1	1	c04
.....aacaucaagauuugcaugucggagaaaU.....	1	1	c04
.....caucaagauuugcaugucggagaaaa.....	1	0	c04
.....aucaagauuugcaugucgga.....	1	0	c04
.....aucaagauuugcaugucggaA.....	1	1	c04
.....aucaagauuugcaugucggaga.....	1	0	c04
.....aucaagauuAgcaugucggagaa.....	1	1	c04
.....ucaagauuugcaugucgga.....	1	0	c04
.....ucaagauuugcaugucggagaaaa.....	1	0	c04
.....aagauuugcaugucggagaaaaacau.....	1	0	c04
.....aagauuAgcaugucggagaaaaacau.....	1	1	c04
.....ccuaCucugaggcagcaaa.....	1	1	c04
.....agauuugcaugucAgaga.....	1	1	c09

Provisional ID	:	tig00002950_45644
Score total	:	123869.6
Score for star read(s)	:	3.9
Score for read counts	:	123862.6
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	242963
Mature read count	:	240604
Loop read count	:	5
Star read count	:	2354





Mature **Star**

```
5'- acaaaaugugccguucgaucucggugaaugccaacggauuucguugcuuucgcaauacuuggaaauccuuugauauucaccggaauugcgcggcgcaauacaucguga -3'   obs
    acaaaaugugccguucgaucucggugaaugccaacggauuucguugcuuucgcaauacuuggaaauccuuugauauucaccggaauugcgcggcgcaauacaucguga      exp
    ......(((((((((.((((.((((((((((.(((.(((((((((((....)))))).....))))))).))).)))))))))).)))).)))))))).........  reads   mm   sample
    acaaaaugugccguucgauc.....................................................................................  1       0    c15
    .caaaaugugccguucgauc.....................................................................................  1       0    c15
    ..................cucggugaaugccaacggUuu..................................................................  1       1    c15
    ..................cucggugaaugccaacggauuu..................................................................  1       0    c15
    ..................Uucggugaaugccaacggauuuc.................................................................  1       1    c15
    ..................cucggugaaugccaacggauuuc.................................................................  32      0    c15
    ..................cucggugaaugccaacggauuucU................................................................  4       1    c15
    ..................ucggugaaugccaacgga.......................................................................  100     0    c15
    ..................Acggugaaugccaacgga.......................................................................  1       1    c15
    ..................ucggugaaugccaacggU.......................................................................  1       1    c15
    ..................uGggugaaugccaacgga.......................................................................  1       1    c15
    ..................ucgguUaaugccaacggau......................................................................  1       1    c15
    ..................ucggugaaugccaacggaC......................................................................  1       1    c15
    ..................ucggugaaugccaacggaA......................................................................  1       1    c15
    ..................ucggugaaugccaacggau......................................................................  89      0    c15
    ..................ucggugaaugccaacggUu......................................................................  3       1    c15
    ..................ucgAugaaugccaacggau......................................................................  1       1    c15
    ..................ucggugaaugccaacCgauu.....................................................................  1       1    c15
    ..................ucggugaaugccaacggauu.....................................................................  354     0    c15
    ..................ucggugaaugccaacggaAu.....................................................................  5       1    c15
    ..................ucggCgaaugccaacggauu.....................................................................  1       1    c15
    ..................ucggugaaugccaacggauG.....................................................................  1       1    c15
    ..................ucggAgaaugccaacggauu.....................................................................  2       1    c15
    ..................Gcggugaaugccaacggauu.....................................................................  1       1    c15
    ..................ucggugaaugccaacggauA.....................................................................  2       1    c15
    ..................uUggugaaugccaacggauu.....................................................................  1       1    c15
    ..................ucCgugaaugccaacggauu.....................................................................  1       1    c15
    ..................ucggugaaugccaacggUuu.....................................................................  10      1    c15
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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature Star

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Mature **Star**

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Mature Star

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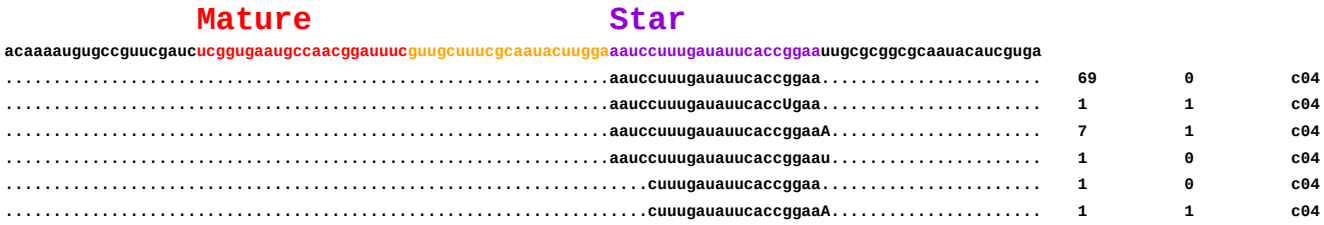
Mature
Star
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.....cuuugauauucaccggaaA.....
69 0 c04
1 1 c04
7 1 c04
1 0 c04
1 0 c04
1 1 c04

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Score total	:	24589.6
Score for star read(s)	:	3.9
Score for read counts	:	24579.3
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
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Loop read count	:	0
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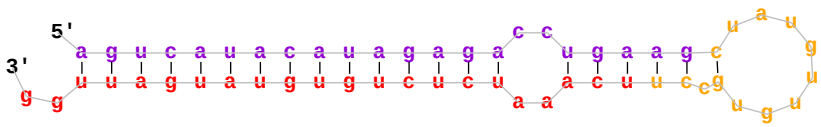

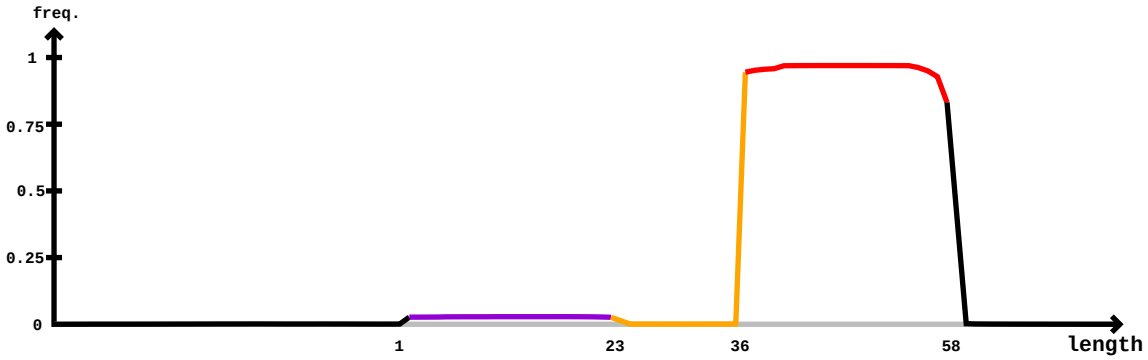

Star **Mature**

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    ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccuucaaaucucuguguaugauuggccgcguucgucacuaac        exp
    ...(((((((((.(((........))))......((((((((((((((((..((((((........).))))))..))))))))))))))))..))))).))))..... reads     mm      sample
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    .cauggcaGcgcuucgacaac.................................................................................... 1         1       c15
    ..auggcaacgcuucgacaaca................................................................................... 2         0       c15
    ..auggcaacgcuucgacaacG................................................................................... 1         1       c15
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    ........acgcuucgacaacagacgauUu........................................................................... 1         1       c15
    .........cgcuucgacaacagacgauc............................................................................ 5         0       c15
    .........cgcuucgacaacGgacgauc............................................................................ 2         1       c15
    .........cgcuucgacaacagacgaucuc.......................................................................... 1         0       c15
    ..........gcuucgacaacGgacgaucu........................................................................... 1         1       c15
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    ....................aucucucccagucauacaua................................................................. 1         0       c15
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Star Mature

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...........................cucccagucauacauagagaU...................................................  1  1  c15
............................ucccagucauacauagagacc...................................................  1  0  c15
..............................ccagucauacauagagaccA.................................................  1  1  c15
..............................ccagucauacauagagaccu.................................................  1  0  c15
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Star Mature

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.....ucaaaucucuguguaGgauugg.....	2	1	c16
.....ucaaaucucugAguaugauugg.....	10	1	c16
.....ucaaaucucuguguauUauugg.....	5	1	c16
.....ucaaauGucuguguaugauugg.....	1	1	c16
.....ucaaaucucCguguaugauugg.....	2	1	c16
.....ucaaaucucuguguaCgauugg.....	3	1	c16
.....ucaaauUucuguguaugauugg.....	2	1	c16
.....ucaaaucucuguguaugauugU.....	17	1	c16
.....ucaaaucucuguguauCauugg.....	10	1	c16
.....ucaaaucucuguguaugaAugg.....	2	1	c16

Star Mature

ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccucaaaucucuguguaugauuggccgcguucgucacuaac

.....ucGaaucucuguguaugauugg.....	2	1	c16
.....ucaaaucuAuguguaugauugg.....	8	1	c16
.....Acaaaucucuguguaugauugg.....	42	1	c16
.....ucaaaucucugugCaugauugg.....	4	1	c16
.....ucaaaucucuguguaugauuAg.....	3	1	c16
.....ucaaaucAcuguguaugauugg.....	5	1	c16
.....ucaaaucucuguguaugauugUc.....	1	1	c16
.....ucaaaucucuguguaugauuggA.....	64	1	c16
.....ucaaaucucuguguaugauuggc.....	15	0	c16
.....ucaaaucucuguguaugauuggU.....	83	1	c16
.....ucaaaucucuguguaugauuggG.....	5	1	c16
.....ucaaaucucuguguaugauuggUc.....	1	1	c16
.....ucaaaucucuguguaugauuggAc.....	1	1	c16
.....ucaaaucucuguguaugauuggGc.....	2	1	c16
.....ucaaaucucuguguaugauuggcA.....	2	1	c16
.....ucaaaucucuguguaugauuggGcg.....	1	1	c16
.....caaaucucuguguaugauug.....	3	0	c16
.....caaaucucuguguaugauugg.....	29	0	c16
.....caaaucucuguguaugauuggG.....	1	1	c16
.....aaaucucuguguaugauu.....	3	0	c16
.....aaaucucuguguaugauug.....	4	0	c16
.....aaaucucuguguaugauugg.....	29	0	c16
.....aaUucucuguguaugauugg.....	1	1	c16
.....aaaucucuguguaugauuCg.....	1	1	c16
.....aaucucuguguaugauug.....	2	0	c16
.....Caucucuguguaugauug.....	1	1	c16
.....Gaucucuguguaugauugg.....	1	1	c16
.....aaucucuguguaugauugg.....	16	0	c16
.....aucucuguguaugaGugg.....	1	1	c16
.....aucucuguguaugauugg.....	54	0	c16
.....Cucucuguguaugauugg.....	6	1	c16
.....aucucuguguaugauuggA.....	1	1	c16
.....aucucuguguaugauuggc.....	1	0	c16
.....ucucuguguaugauuggA.....	2	1	c16

.....agucauacauagagaccug.....	1	0	c04
.....agucauacauagagaccugaag.....	19	0	c04
.....Cgucauacauagagaccugaag.....	2	1	c04
.....auacauagagaccugaag.....	2	0	c04
.....Cucaaaucucuguguaugauugg.....	2	1	c04
.....ucaaaucucuguguauga.....	3	0	c04
.....ucaaaucucuguguaugau.....	7	0	c04
.....Gcaaaucucuguguaugauu.....	1	1	c04
.....ucaGaucucuguguaugauu.....	1	1	c04
.....ucaaaucucuguguaugauu.....	26	0	c04
.....ucaaauAucuguguaugauu.....	1	1	c04
.....ucaaaucucuguguaugauug.....	34	0	c04
.....ucaaauAucuguguaugauug.....	1	1	c04
.....Gcaaaucucuguguaugauug.....	2	1	c04
.....Gcaaaucucuguguaugauugg.....	49	1	c04
.....ucaaaucucAguguaugauugg.....	1	1	c04
.....ucaaaucCcuguguaugauugg.....	1	1	c04
.....ucaaaucucugAguaugauugg.....	1	1	c04
.....ucaaGucucuguguaugauugg.....	1	1	c04
.....Acaaaucucuguguaugauugg.....	4	1	c04
.....ucaaaAcucuguguaugauugg.....	1	1	c04
.....ucaaauAucuguguaugauugg.....	1	1	c04
.....ucaaaucucuCuguaugauugg.....	3	1	c04
.....ucaaaucucuguguaugUuugg.....	1	1	c04
.....ucaaaucucuguguaugauugg.....	683	0	c04
.....ucaaaucucuguguaugauugA.....	1	1	c04
.....ucaaaCcucuguguaugauugg.....	1	1	c04
.....ucaGaucucuguguaugauugg.....	2	1	c04
.....ucGaaucucuguguaugauugg.....	1	1	c04
.....ucaaaucucugugCaugauugg.....	1	1	c04
.....uAaaaucucuguguaugauugg.....	2	1	c04
.....ucaaaucucuguguaugauuggU.....	5	1	c04
.....Gcaaaucucuguguaugauuggc.....	1	1	c04
.....ucaaaucucuguguaugauugUc.....	1	1	c04
.....ucaaaucucuguguaugauuggc.....	3	0	c04

Star Mature

ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccucaaaucucuguguaugauuggccgcguucgucacuaac

.....ucaaaucucuguguaugauuggA.....	4	1	c04
.....ucaaaucucuguguaugauuggGc.....	1	1	c04
.....ucaaaucucuguguaugauuggccgU.....	1	1	c04
.....caaaucucuguguaugauu.....	1	0	c04
.....caaaucucuguguaugauugg.....	2	0	c04
.....aaaucucuguguaugauu.....	1	0	c04
.....aaaucucuguguaugauugg.....	4	0	c04
.....aaaucucuguguaugauuggU.....	1	1	c04
.....aaaucucuguguaugauuggcU.....	1	1	c04
.....aaucucuguguaugauug.....	1	0	c04
.....aaucucuguguaugauugg.....	1	0	c04
.....aucucuguguaugauugg.....	16	0	c04
.....cGagucauacauagagaccugaag.....	1	1	c09
.....agucauacauagagaccu.....	8	0	c09
.....agCcauacauagagaccu.....	1	1	c09
.....agucauacauagagaccG.....	1	1	c09
.....agucauacauagagaccug.....	6	0	c09
.....agucauacauagagaccuga.....	10	0	c09
.....Ggucauacauagagaccuga.....	1	1	c09
.....agucauacauagagaccCgaa.....	1	1	c09
.....agucauacauagagaccugaa.....	29	0	c09
.....agucauacauagagacAugaag.....	2	1	c09
.....Cgucauacauagagaccugaag.....	7	1	c09
.....agucauacauagagCccugaag.....	1	1	c09
.....agucauaUauagagaccugaag.....	1	1	c09
.....agucauacauagagaccugaaU.....	2	1	c09
.....agucauacauagagaccugaag.....	272	0	c09
.....agucauacauagagaccGgaag.....	1	1	c09
.....agucauUcauagagaccugaag.....	1	1	c09
.....agucauacauagagaccugaagA.....	6	1	c09
.....agucauacauagagaccugaagU.....	1	1	c09
.....ucauacauagagaccugaag.....	3	0	c09
.....uUauacauagagaccugaag.....	1	1	c09
.....cauacauagagaccugaa.....	1	0	c09
.....cauacauagagaccugaag.....	6	0	c09
.....Cuacauagagaccugaag.....	1	1	c09
.....auacauagagaccugaag.....	17	0	c09
.....gcUuucaaaucucugugu.....	1	1	c09
.....Auucaaaucucuguguaugauugg.....	1	1	c09
.....Cucaaaucucuguguaugau.....	1	1	c09
.....Cucaaaucucuguguaugauugg.....	1	1	c09
.....Aucaaaucucuguguaugauugg.....	1	1	c09
.....ucaaaucucuguguauga.....	151	0	c09
.....ucaaaucucuguguaugU.....	1	1	c09
.....ucaaaucucuguguaugG.....	1	1	c09
.....ucaaaucuAuguguauga.....	1	1	c09
.....Gcaaaucucuguguauga.....	9	1	c09
.....ucaaaucucugAguauga.....	1	1	c09
.....ucaaaucucuguguaugaC.....	2	1	c09
.....Gcaaaucucuguguaugau.....	16	1	c09
.....ucaaaucucuguCuaugau.....	1	1	c09
.....Acaaaucucuguguaugau.....	1	1	c09
.....ucaaaucucuguguaugaA.....	4	1	c09
.....ucaaaucucuguguaugau.....	178	0	c09
.....ucaaaucucuguguauUauu.....	1	1	c09
.....ucaaaucucuguguaugauG.....	1	1	c09
.....ucGaaucucuguguaugauu.....	1	1	c09
.....ucaaaucucuguguaugauu.....	374	0	c09
.....ucaaauAucuguguaugauu.....	1	1	c09
.....ucaaaucucuguguaugauC.....	1	1	c09
.....ucaaaucucugugGaugauu.....	1	1	c09
.....ucaaaucucugCguaugauu.....	1	1	c09
.....Gcaaaucucuguguaugauu.....	39	1	c09
.....Acaaaucucuguguaugauu.....	4	1	c09
.....ucaaUucucuguguaugauu.....	1	1	c09
.....ucaaaucucuguguaugauA.....	1	1	c09
.....Ccaaaucucuguguaugauug.....	1	1	c09
.....ucaaaucucuguUuaugauug.....	2	1	c09
.....ucaaaucucuguguaugauuC.....	5	1	c09

Star Mature

ccauggcaacgcuucgacaacagacgaucucuccc**agucauacauagagaccugaag**cuauguugugccu**ucaaaucucuguguaugauugg**ccgcguucgucacuaac

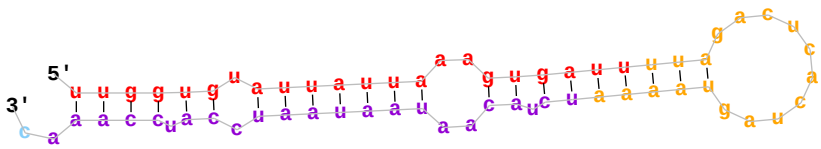
.....ucaaaucAcuguguaugauug.....	1	1	c09
.....ucaaaucucuguguaugauuA.....	1	1	c09
.....ucaaaucucuguguaugauAg.....	1	1	c09
.....ucaaaucucuguguaugauuU.....	4	1	c09
.....ucaaaucucuguguGugauug.....	2	1	c09
.....ucaaaucucuguCuaugauug.....	2	1	c09
.....ucaaCucucuguguaugauug.....	1	1	c09
.....ucaaaucucAguguaugauug.....	1	1	c09
.....ucaaaucucuguguaAgauug.....	1	1	c09
.....GcaaaucucuguguaugauuG.....	57	1	c09
.....ucaaaucucuguguauUauug.....	1	1	c09
.....ucaaaucucuguguauCauug.....	1	1	c09
.....AcaaaucucuguguaugauuG.....	7	1	c09
.....ucaaaucucugAguaugauug.....	2	1	c09
.....ucaaaucucuguguaugauuG.....	884	0	c09
.....ucaCaucucuguguaugauugg.....	1	1	c09
.....ucaaaAcucuguguaugauugg.....	5	1	c09
.....ucaaaucucCguguaugauugg.....	2	1	c09
.....ucaaaucucuguguaCgauugg.....	4	1	c09
.....uUaaaucucuguguaugauugg.....	8	1	c09
.....ucaaGucucuguguaugauugg.....	6	1	c09
.....ucaaaucuGuguguaugauugg.....	2	1	c09
.....ucaaaucucuguguaugauugC.....	13	1	c09
.....ucaaaucucuguguaGgauugg.....	1	1	c09
.....ucaaaucucuguguaugauuUg.....	7	1	c09
.....ucaaaucucuguguaugauuCg.....	11	1	c09
.....ucaaaucucuguAuaugauugg.....	2	1	c09
.....ucaaaucucuguUugauugg.....	1	1	c09
.....ucaaaucucuguUuaugauugg.....	3	1	c09
.....uAaaaucucuguguaugauugg.....	9	1	c09
.....ucaaaucucugugCaugauugg.....	7	1	c09
.....ucaaauUucuguguaugauugg.....	6	1	c09
.....ucCaaucucuguguaugauugg.....	1	1	c09
.....ucaaaucuAuguguaugauugg.....	5	1	c09
.....ucUaaucucuguguaugauugg.....	1	1	c09
.....ucaaaucucuguguaAgauugg.....	9	1	c09
.....Acaaaucucuguguaugauugg.....	66	1	c09
.....ucaaaucucuCuguaugauugg.....	11	1	c09
.....ucaaaucucugGuaugauugg.....	3	1	c09
.....ucaaaucucuguguaugaCugg.....	1	1	c09
.....ucaaaucuUuguguaugauugg.....	1	1	c09
.....ucaaaucucuguguauCauugg.....	7	1	c09
.....ucaaaucCcuguguaugauugg.....	1	1	c09
.....ucaUaucucuguguaugauugg.....	1	1	c09
.....ucaaaucucuUuguaugauugg.....	1	1	c09
.....ucaaaucucugugGaugauugg.....	1	1	c09
.....ucaaaucucugCguaugauugg.....	4	1	c09
.....ucaGaucucuguguaugauugg.....	2	1	c09
.....uGaaaucucuguguaugauugg.....	4	1	c09
.....GcaaaucucuguguaugauugG.....	742	1	c09
.....ucaaaucucuguguaugauAgg.....	7	1	c09
.....ucaaaucucuguguaugauuAg.....	2	1	c09
.....ucaaaGucucuguguaugauugg.....	2	1	c09
.....ucGaaucucuguguaugauugg.....	2	1	c09
.....ucaaaucucuAuguaugauugg.....	2	1	c09
.....ucaaaucucuguguaugauugg.....	8666	0	c09
.....ucaaaucucuguguaugauCgg.....	2	1	c09
.....ucaaaucucuguguaugUuugg.....	1	1	c09
.....ucaaaucucuguguaugauugA.....	1	1	c09
.....CcaaaucucuguguaugauugG.....	4	1	c09
.....ucaaaucucugugAaugauugg.....	1	1	c09
.....ucaaaucAcuguguaugauugg.....	2	1	c09
.....ucaaaucucuguguGugauugg.....	2	1	c09
.....ucaaaucucuguguauUauugg.....	1	1	c09
.....ucaaaucucuguguauAauugg.....	1	1	c09
.....ucaaaucucAguguaugauugg.....	3	1	c09
.....ucaaaucucugAguaugauugg.....	6	1	c09
.....ucaaaucucGguguaugauugg.....	1	1	c09
.....ucaaCucucuguguaugauugg.....	2	1	c09
.....ucaaaucucuguCuaugauugg.....	12	1	c09

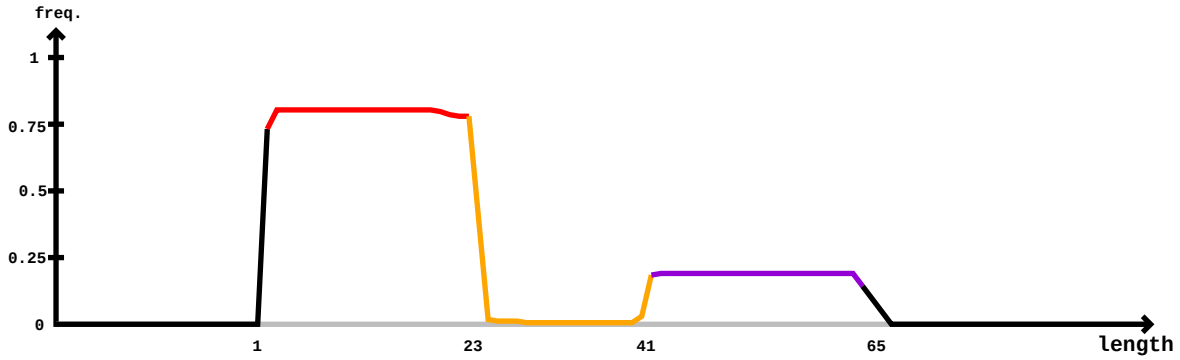
Star Mature

ccauggcaacgcuucgacaacagacgaucucuccc**agucauacauagagaccugaag**cuauguugugccu**ucaaaucucuguguaugauuggccgcguucgucacuaac**

.....ucaaauAucuguguaugauugg.....	9	1	c09
.....ucaaaucucuguguaugauugU.....	13	1	c09
.....ucaaaucucuguguaugauugCc.....	1	1	c09
.....ucaaaucucuguguaugauuggG.....	12	1	c09
.....ucaaaucucuguguaugauuggU.....	111	1	c09
.....ucaaaucucuguguaugauuggA.....	101	1	c09
.....ucaaaucucuguguaugauugUc.....	3	1	c09
.....ucaaaucucuguguaugauuggc.....	21	0	c09
.....Gcaaaucucuguguaugauuggc.....	3	1	c09
.....ucaaaucucuguguaugauuggGc.....	5	1	c09
.....ucaaaucucuguguaugauuggcA.....	1	1	c09
.....ucaaaucucuguguaugauuggcc.....	1	0	c09
.....ucaaaucucuguguaugauuggcU.....	2	1	c09
.....ucaaaucuUuguguaugauuggcc.....	1	1	c09
.....ucaaaucucuguguaugauuggUc.....	3	1	c09
.....ucaaaucucuguguaugauuggcGgc.....	1	1	c09
.....caaaucucuguguaugau.....	3	0	c09
.....caaaucucuguguaugauu.....	5	0	c09
.....caaaucucuguguaugauug.....	8	0	c09
.....Gaaaucucuguguaugauugg.....	1	1	c09
.....caaaucucuguguaugauuAg.....	1	1	c09
.....caaaAcucuguguaugauugg.....	1	1	c09
.....Aaaaucucuguguaugauugg.....	1	1	c09
.....caaaucucuguguaugauugg.....	73	0	c09
.....caaaucucuguguaugauuggU.....	2	1	c09
.....caaaucucuguguaugauuggA.....	1	1	c09
.....aaaucucuguguaugauu.....	2	0	c09
.....aaaAcucuguguaugauu.....	1	1	c09
.....aaaucucuguguaugauug.....	2	0	c09
.....aaaucucuguguaugauugg.....	26	0	c09
.....Caaucucuguguaugauugg.....	1	1	c09
.....aaucucuguguaugauug.....	4	0	c09
.....Caucucuguguaugauugg.....	2	1	c09
.....aaucucuguguaugauugg.....	32	0	c09
.....aaucuAuguguaugauugg.....	1	1	c09
.....aaucucuguguaugauuggU.....	2	1	c09
.....aaucucuguguaugauuggA.....	2	1	c09
.....aucucuguguaugaAugg.....	1	1	c09
.....aucucuguguaugauAgg.....	1	1	c09
.....aucucuguCuaugauugg.....	1	1	c09
.....aucucuguguaugauugU.....	3	1	c09
.....Cucucuguguaugauugg.....	10	1	c09
.....aucucuguguaugauugg.....	233	0	c09
.....aucucAguguaugauugg.....	1	1	c09
.....aucucuguguaugauuggA.....	2	1	c09
.....aucucuguguaugauugUc.....	2	1	c09
.....aucucuguguaugauuggc.....	1	0	c09
.....aucucuguguaugauuggU.....	5	1	c09
.....aucucuguguaugauuggcU.....	1	1	c09
.....aucucuguguaugauuggcGg.....	1	1	c09
.....ucucuguguaugauuggU.....	2	1	c09
.....ucucuguguaugauuggA.....	1	1	c09

Provisional ID	:	tig00003034_45919
Score total	:	84.8
Score for star read(s)	:	3.9
Score for read counts	:	79.7
Score for mfe	:	0.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	168
Mature read count	:	135
Loop read count	:	1
Star read count	:	32





Mature **Star**

```
5'- ugccaugccuuuagcgcuuuuugguguauuauuaaagugauuuuagacucacuaguaaaaucuacaauaauaauccauccaaacagugcaaaggucaaauacgucgggacug  -3'   obs
    ugccaugccuuuagcgcuuuuugguguauuauuaaagugauuuuagacucacuaguaaaaucuacaauaauaauccauccaaacagugcaaaggucaaauacgucgggacug        exp
    ......((((((.(((((.(((((((.(((((((..(((((((((.........)))))))..))..)))))))..)).)))))..)))))))))).....................  reads    mm    sample
    ...................uugguguauuauuaaagugau.....................................................................  1        0     c15
    ...................uuggGguauuauuaaagugauu....................................................................  1        1     c15
    ...................uugguguauuauuaaagugauu....................................................................  72       0     c15
    ...................uugguguauuauuaaagugauuu...................................................................  15       0     c15
    ...................uugguguauuauuaaagugauuuuuaga..............................................................  1        0     c15
    ...................ugguguauuauuaaagugauu.....................................................................  1        0     c15
    ...................ugguguauuauuaaagugauuu....................................................................  7        0     c15
    ..........................................................aucuacaauaauaauccaCccaa..........................  1        1     c15
    ..........................................................aucuacaauaauaauccauccaaa.........................  2        0     c15
    ..........................................................aucuacaauaauaauccauccaaaU........................  1        1     c15
    ........................................................ucuacaauaauaauccauccaaa...........................  7        0     c15
    ........................................................ucuacaauaauaauccauccaaaa..........................  11       0     c15
    ........................................................ucuacaauaauaauccauccaaaac.........................  6        0     c15
    ........................................................ucuacaauaauaauccauccaaaA..........................  1        1     c15
    ........................................................uGuacaauaauaauccauccaaac..........................  1        1     c15
    ........................................................ucuacaauaauaauccauccaaacU.........................  1        1     c15
    ........................................................cuacaauaauaauccauccaaa............................  1        0     c15

    ...................uugguguauuauuaaagu.....................................................................  1        0     c02
    ...................uugguguaAuauuaaagug....................................................................  1        1     c02
    ...................uugguguauuauuaaaguga...................................................................  1        0     c02
    ...................Gugguguauuauuaaagugauu..................................................................  1        1     c02
    ...................uugguguauuauuaaagugauu..................................................................  17       0     c02
    ...................uugguguauuauuaaaCugauuu.................................................................  1        1     c02
    ...................uugguguauuaAuaaagugauuu.................................................................  1        1     c02
    ...................uugguguauuauuaaagugauuu.................................................................  3        0     c02
    ...................ugguguauuauuaaagugauuu..................................................................  2        0     c02

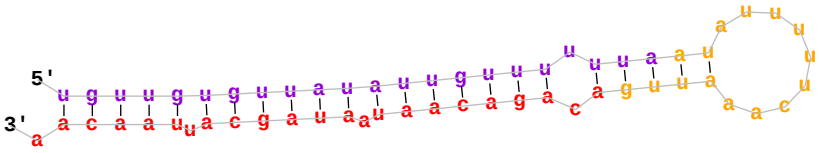
    ........................................uuuagacucacuUguaaaa.....................................................  1        1     c04

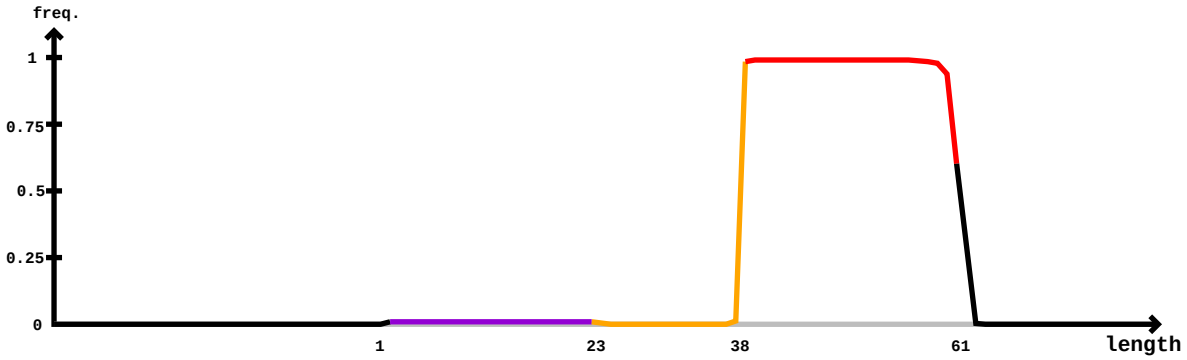
    ...................uugguguauuauuaaagugauu..................................................................  2        0     c16
    ...................ugguguauuauuaaagugauu...................................................................  1        0     c16

    ...................uugguguauuauuaaagugauu..................................................................  3        0     c09
```

1	1	c09
1	0	c09
1	0	c09

Provisional ID	:	tig00003034_45922
Score total	:	162.7
Score for star read(s)	:	3.9
Score for read counts	:	159.2
Score for mfe	:	-1.3
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	324
Mature read count	:	321
Loop read count	:	0
Star read count	:	3





Star **Mature**

```
5'- agcacuguuuucauuuauggcuaccgcgcuauuuguuguguuauauuguuuuuuuauauuuuuucaaauugacagacaauaauagcauuaacaauagccuuagucaaaacgucg -3'   obs
    agcacuguuuucauuuauggcuaccgcgcuauuuguuguguuauauuguuuuuuuauauuuuuucaaauugacagacaauaauagcauuaacaauagccuuagucaaaacgucg       exp
    ..............((((((..(.((((((.(((((((((((((((((.(((((.........)))))).)))))))).)))))))..)))))))))))).)))))).....  reads  mm  sample
    ..............................................................Ccagacaauaauagcauuaa.....................  1      1   c02
    ..............................................................acagacaauaauagcauuaaca...................  8      0   c02
    ..............................................................Ccagacaauaauagcauuaacaa..................  1      1   c02
    ..............................................................acagacaauaauagcauuaacaa..................  2      0   c02
    ..............................................................acagacaauaauagcauuaacaaC.................  1      1   c02

    ..............................uguuguguuauauuguuuuuua..........................................................  3      0   c15
    ..............................................................gacagacaauaauagcauuaaca...................  1      0   c15
    ..............................................................Cacagacaauaauagcauuaaca...................  1      1   c15
    ..............................................................gacagacaauaauagcauuaacaa..................  1      0   c15
    ..............................................................acagacaauaauagcauua......................  1      0   c15
    ..............................................................acagacaauaauagcauuaa.....................  1      0   c15
    ..............................................................acagacaGuaauagcauuaac....................  1      1   c15
    ..............................................................acagacaauaauagcauuaac....................  12     0   c15
    ..............................................................acagacaauaauagcauuaaca...................  94     0   c15
    ..............................................................acagacaauaauagcauuaacaa..................  133    0   c15
    ..............................................................acagacaauaauagcauuaaUaa..................  1      1   c15
    ..............................................................acaAacaauaauagcauuaacaa..................  1      1   c15
    ..............................................................acagacaauaauagcauuaacaC..................  1      1   c15
    ..............................................................acagacaauaauagcauuaacaau.................  38     0   c15
    ..............................................................acagacaauaauagcauuaacaaA.................  7      1   c15
    ..............................................................acagacaauaauagcauuaacaaC.................  3      1   c15
    ..............................................................acGgacaauaauagcauuaacaau.................  1      1   c15
    ..............................................................acagacaauaauagcauuaacaaua................  1      0   c15
    ..............................................................cagacaauaauagcauuaacaa...................  2      0   c15

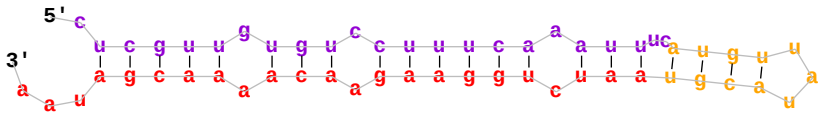
    ..............................................................acagacaauaauagcauuaaca...................  3      0   c16
    ..............................................................acagacaauaauagcauuaacaa..................  1      0   c16

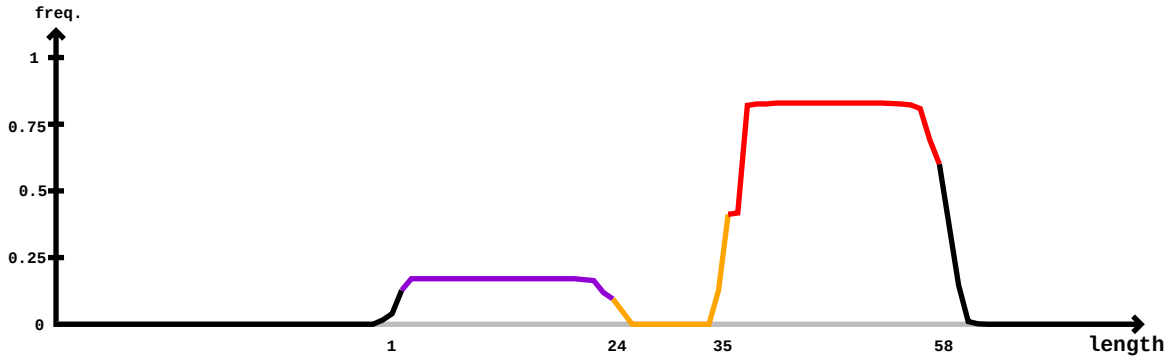
    ..............................................................gacagacaauaauagcauuaaca...................  1      0   c09
    ..............................................................Ccagacaauaauagcauu........................  1      1   c09
    ..............................................................acagacaauaauagcauuaaca...................  1      0   c09
    ..............................................................acagacaauaauagcauuaacaa..................  1      0   c09
```

Star Mature

agcacuguuuucauuuauggcuaccgcgcuauuuguuguguuauauuguuuuuuuaauauuuuucaaauugacagacaauaauagcauuaacaauagccuuagucaaaacgucg

Provisional ID	:	tig00003034_45924
Score total	:	290.7
Score for star read(s)	:	3.9
Score for read counts	:	289.7
Score for mfe	:	-0.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	580
Mature read count	:	481
Loop read count	:	0
Star read count	:	99





Star **Mature**

```
5'- uugccgauccugaguuugacaguugcaugggcccCUCGUUGUGUCCUUUCAAAUUUCAUGUUAUACGUAAUCUGGAAGAACAAAACGAUAAGUCCAGAGCAACACGCAUGA -3'   obs
    uugccgauccugaguuugacaguugcaugggcccCUCGUUGUGUCCUUUCAAAUUUCAUGUUAUACGUAAUCUGGAAGAACAAAACGAUAAGUCCAGAGCAACACGCAUGA       exp
    .((.(((........))).))((((((.(((((...(((((.(((.(((((((.(((..((((...)))))))..)))))))..))).))))))...))))))..))))).....  reads   mm   sample
    ................................cucguuguguccuuucaaauuu.....................................................  2       0    c02
    ................................cucguuguguccuuucaaauuuc....................................................  1       0    c02
    ................................ucguuguguccuuucaaauuuc....................................................  3       0    c02
    ................................uUguuguguccuuucaaauuuc....................................................  1       1    c02
    ....................................................uaaucuggaagaacaaaa.....................................  1       0    c02
    ....................................................uaaucuggaagaacaaaac....................................  1       0    c02
    ....................................................uaaucuggaagaacaaaCcg...................................  1       1    c02
    ....................................................Gaaucuggaagaacaaaacga..................................  1       1    c02
    ....................................................uaaucuggaagaacaaaacga..................................  1       0    c02
    ....................................................uaaucuggaagaacaaaacgau.................................  26      0    c02
    ....................................................Gaaucuggaagaacaaaacgau..................................  1       1    c02
    ....................................................uaaucuggaagaacaaaacgaua.................................  1       0    c02
    ....................................................uaaucuggaagaacaaaacgauaa................................  1       0    c02
    ....................................................aaucuggaagaacaaaacgau...................................  2       0    c02
    ....................................................aaucuggaagaacaaaacgaua..................................  4       0    c02
    ....................................................aaucuggaagaacaaaacgCuaa.................................  1       1    c02
    ....................................................aaucuggaagaacaaaacgauaa.................................  16      0    c02
    ....................................................aaucuggaagaacaaaacgauaaU................................  1       1    c02
    ..................................................ucugUaagaacaaaacga.....................................  1       1    c02
    ..................................................Gcuggaagaacaaaacgaua....................................  1       1    c02
    ..................................................ucuggaagaacaaaacgaua....................................  3       0    c02
    ..................................................ucuggaagaacaaaacgauaa...................................  12      0    c02
    ..................................................Gcuggaagaacaaaacgauaa...................................  1       1    c02
    ..................................................ucuggaagaacaaaacgauaag..................................  2       0    c02
    ..................................................ucuggaagaacaaaacgauaaC..................................  1       1    c02
    ..................................................ucuggaagaacaaaacgauaaU..................................  1       1    c02
    ..................................................ucuggaagaacaaaacgauaagu.................................  9       0    c02
    ..................................................ucuggaagaacaaaacgauaaguU................................  1       1    c02
    ..................................................ucuggaagaacaaaacgauaagGcc...............................  1       1    c02
    ..................................................cuggaagaacaaaacgauaa....................................  1       0    c02

    ..............................cccucguuguguccuuucaaau.....................................................  1       0    c15
    ..............................cccucguuguguccuuucaaauu....................................................  7       0    c15
```

Star Mature

uugccgauccugaguuugacaguugcaugggcccCUCGUUGUGUCCUUUCAAAUUUCAUGUUAUACGUAAUCUGGAAGAACAAAACGAUAAGUCCAGAGCAACACGCAUGA

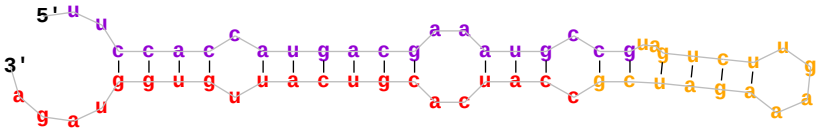
.....cAucguugugucccuuucaaauu.....	1	1	c15
.....ccucguugugucccuuucaaauu.....	7	0	c15
.....ccucguugugucccuuucaaauuu.....	2	0	c15
.....ccucguugugucccuuucaaauuC.....	1	1	c15
.....cucguugugucccuuucaaauu.....	7	0	c15
.....cucguugugucccuuucaaauuu.....	6	0	c15
.....cucguugugucccuuucaaauuuc.....	26	0	c15
.....ucguugugucccuuucaaauuu.....	2	0	c15
.....ucguugugucccuuucaaauuuc.....	16	0	c15
.....uaaucuggaagaacaaaacga.....	4	0	c15
.....uaaucuggaagaacaaaacgau.....	28	0	c15
.....uaaucuggaagaacaaaacgauU.....	1	1	c15
.....aaucuggaagaacaaaacg.....	1	0	c15
.....aaucuggaagaacaaaacgau.....	2	0	c15
.....aaucuggaagaacaaaacgaua.....	28	0	c15
.....aaucuggaagaacaaaacgauU.....	3	1	c15
.....Uaucuggaagaacaaaacgauaa.....	1	1	c15
.....aaucuggaagaacaaaacgauaa.....	96	0	c15
.....aucuggaagaacaaaacgauaa.....	2	0	c15
.....ucuggaagaacaaaacgaua.....	7	0	c15
.....ucuggaagaacaUaacgauaa.....	1	1	c15
.....ucuggaagaacaaaacgauaU.....	2	1	c15
.....ucuggaagaacaaaacgauaa.....	67	0	c15
.....ucuggaagaacaaaacCauaa.....	1	1	c15
.....ucuggaaUaacaaaacgauaa.....	1	1	c15
.....ucuggaagaacaaaaGgauaag.....	1	1	c15
.....ucuggaagaacaaaacgauaag.....	23	0	c15
.....ucuggaagaacaaaacgauaaA.....	7	1	c15
.....ucuggaagaacaaaUcgauaagu.....	1	1	c15
.....ucuggaagaacaaaacgauaagu.....	61	0	c15
.....ucuggaagaacaaaacgauaagA.....	1	1	c15
.....ucuggaagaacaaaacgauaaguU.....	2	1	c15
.....ucuggaagaacaaaacgauaaguA.....	2	1	c15
.....cuggaagaacaaaacgauaagu.....	2	0	c15
.....ggaagaacaaaacgauaag.....	2	0	c15

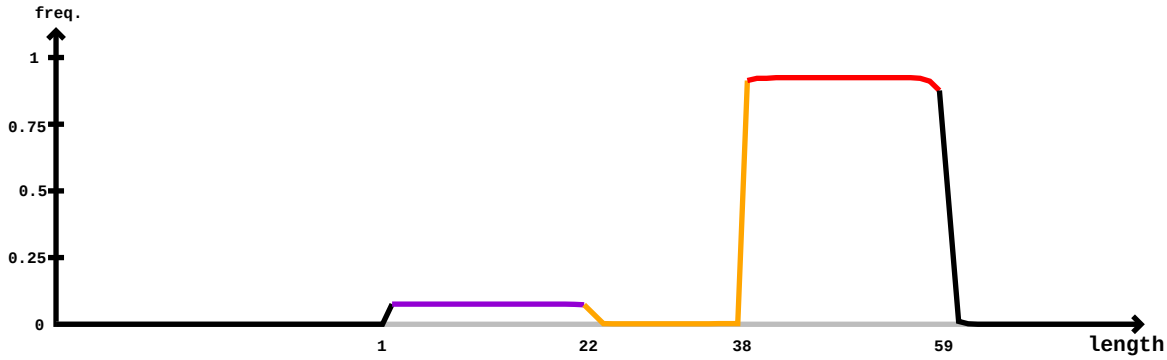
.....cccucguugugucccuuucaaauu.....	1	0	c09
.....ccucguugugucccuuucaaauu.....	2	0	c09
.....cucguugugucccuuuAaaauuuc.....	1	1	c09
.....cucguugugucccuuucaaauuuc.....	2	0	c09
.....ucguugugucccuuucaaa.....	1	0	c09
.....ucguugugucccuuucaaau.....	1	0	c09
.....ucguugugucccuuucaaauuuc.....	1	0	c09
.....uaaucuggaagaacaaaacgau.....	2	0	c09
.....aaucuggaagaacaaaacgau.....	1	0	c09
.....aaucuggaagaacaaaacgauaa.....	3	0	c09
.....aaucuggaagaacaaaGcgauaa.....	1	1	c09
.....ucuggaagaacaaaacgauaa.....	5	0	c09
.....ucuggaagaacaaaacgauaaA.....	2	1	c09
.....ucuggaagaacaaaacgauaaUu.....	1	1	c09
.....ucuggaagaacaaaacgauaagu.....	1	0	c09

.....ccucguugugucccuuucaaa.....	1	0	c16
.....cucguugugucccuuucaaauu.....	1	0	c16
.....cucguugugucccuuucaaauuu.....	1	0	c16
.....cucguugugucccuuucaaauuuc.....	4	0	c16
.....uaaucuggaagaacaaaacga.....	1	0	c16
.....Gaaucuggaagaacaaaacgau.....	1	1	c16
.....uaaucuggaagaacaaaacgau.....	3	0	c16
.....aaucuggaagaacGaaacgau.....	1	1	c16
.....Caucuggaagaacaaaacgauaa.....	1	1	c16
.....aaucuggaagaacaaaacgauaa.....	2	0	c16
.....aaucuggaagaacaaaacgauaU.....	1	1	c16
.....aucuggaagaacaaaacgaua.....	1	0	c16
.....ucuggaagaacaaaacgau.....	1	0	c16
.....ucuggaagaacaaaacgaua.....	4	0	c16
.....Gcuggaagaacaaaacgauaa.....	1	1	c16
.....ucuggaagaacaaaacgauaa.....	3	0	c16
.....ucuggaagaacaaaacgauaaA.....	1	1	c16
.....ucuggaagaacaaaacgauaag.....	2	0	c16

Star
Mature
uugccgauccugaguuugacaguugcaugggcccucguuguguccuuucaaauuucauguuauacguaaucuggaagaacaaaacgauaaguccagagcaacacgcauga
.....Gcuggaagaacaaaacgauaagu.....
.....ucuggaagaacaaaacgauaagu.....
1 1 c16
2 0 c16

Provisional ID	:	tig00003034_45926
Score total	:	613.4
Score for star read(s)	:	3.9
Score for read counts	:	606.8
Score for mfe	:	1.7
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	1202
Mature read count	:	1112
Loop read count	:	0
Star read count	:	90





Star **Mature**

```
5'- cucuguuucggagucuuccugcucaugguggucuuccaccaugacgaaaugccguagucuugaaagaucgccaucacgucauuguggguagaucaacgugacgcgcagucac  -3'   obs
    cucuguuucggagucuuccugcucaugguggucuuccaccaugacgaaaugccguagucuugaaagaucgccaucacgucauuguggguagaucaacgugacgcgcagucac        exp
    (((((...)))))).....(((((((((.((((((.((((.((((((..(((.((..((((....))))))..))).))..)))))).))))).))))).))))...)))).....  reads      mm         sample
    ................................uuccaccaugacgaaaugccg.....................................................................  5          0          c02
    ................................uuccaccaugacgaaaugccgu....................................................................  2          0          c02
    ................................uuccaccaugacgaaaugccguagucuugaaagaucg.....................................................  1          0          c02
    ....................................................................ccaucacgucauuguggguag.....................  14         0          c02
    ....................................................................ccauAacgucauuguggguag.....................  1          1          c02
    ....................................................................ccaucCcgucauuguggguaga....................  1          1          c02
    ....................................................................ccaucacgucauuguggguagU....................  1          1          c02
    ....................................................................ccaucacCucauuguggguaga....................  1          1          c02
    ....................................................................ccaucacgucaGuguggguaga....................  1          1          c02
    ....................................................................ccaucacgucauuguggguaga....................  77         0          c02
    ....................................................................ccaucacgucauuguggguagau...................  7          0          c02
    ....................................................................ccaucacgucauuguggguagaA...................  24         1          c02
    ....................................................................ccaucacgucauuguggguagauA..................  1          1          c02
    ....................................................................ccaucacgucauuguggguagauU..................  3          1          c02
    ....................................................................ccaucacgucauuguggguagaucU.................  1          1          c02
    ....................................................................ucacgucauuguggguaga.......................  1          0          c02

    ................................uuccaccaugacgaaaugc.......................................................................  1          0          c15
    ................................uuccaccaugacgaaaugcc......................................................................  2          0          c15
    ................................uuccaccaugacgaaaugcUg.....................................................................  1          1          c15
    ................................uuccaccaugacgaaaugcGg.....................................................................  1          1          c15
    ................................uuccaccaugacgaaaugccA.....................................................................  5          1          c15
    ................................uuccaccaugacgaaaugccU.....................................................................  2          1          c15
    ................................Auccaccaugacgaaaugccg.....................................................................  1          1          c15
    ................................uuccaccaugacgaaaugccg.....................................................................  60         0          c15
    ................................uAccaccaugacgaaaugccg.....................................................................  1          1          c15
    ................................uuccaccaugacgaaaugccgu....................................................................  3          0          c15
    ................................uuccaccaugacgaaauAccgu....................................................................  1          1          c15
    ................................uuccaccaugacgaaaugccguU...................................................................  1          1          c15
    ....................................................................ucgccaucacgucauuguggguag..................  1          0          c15
    ....................................................................ccaucacgucauuguggguag.....................  1          0          c15
    ....................................................................ccaucUcgucauuguggguaga....................  1          1          c15
    ....................................................................cGaucacgucauuguggguaga....................  1          1          c15
```

Star Mature

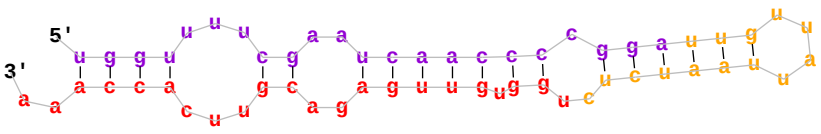
```
cucuguuucggagucuuccugcucaugguggucuuccaccaugacgaaaugccguagucuugaaagaucgccaucacgucauuguggguagaucaacgugacgcgcagucac
.....................................................................ccaucacgucauuAugguaga.....  1   1   c15
.....................................................................Acaucacgucauuguggguaga.....  1   1   c15
.....................................................................ccaucacgucauuguggguaga.....  598 0   c15
.....................................................................ccaucaAgucauuguggguaga.....  1   1   c15
.....................................................................ccaucacgucauuguggguagC.....  1   1   c15
.....................................................................ccaucacgucauuguggAaga.....  2   1   c15
.....................................................................ccaucacgucauuguggguagaC.....  2   1   c15
.....................................................................ccaucacgucauuguggguagaA.....  52  1   c15
.....................................................................ccaucacgucauuguggguagau.....  39  0   c15
.....................................................................ccaucacgucauuguggguagauc.....  1   0   c15
.....................................................................ccaucacgucauuguggguagauU.....  2   1   c15
.....................................................................ccaucacgucauuguggguagauA.....  2   1   c15
.....................................................................ccaucacgucauuguggguagaucU.....  1   1   c15
.....................................................................caucacgucauuguggguaga.....  6   0   c15
.....................................................................caucacgucauuguggguagaA.....  2   1   c15
.....................................................................ucacgucauuguggguaga.....  1   0   c15

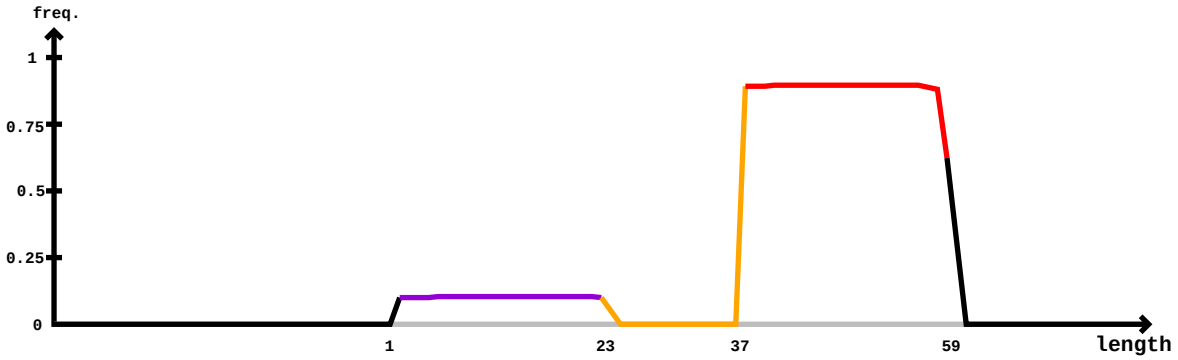
.....................................................................ccaucacgucauuguggua.....  1   0   c04
.....................................................................ccaucacgucauuguggguaga.....  5   0   c04
.....................................................................ccaucacgucauuguggguagaA.....  1   1   c04

.....................................................agucuugaaagaucgccaucacgucauuguggguaga.....  1   0   c16
.....................................................................ccaucacgucauAguggua.....  1   1   c16
.....................................................................ccaucacgucauuguggua.....  1   0   c16
.....................................................................ccaucacgucauuguggguag.....  17  0   c16
.....................................................................ccaucacgucauuCugguag.....  1   1   c16
.....................................................................ccaucacgucauuguCguaga.....  1   1   c16
.....................................................................ccaucacgucauuguggguaga.....  85  0   c16
.....................................................................ccaucacgGcauuguggguaga.....  1   1   c16
.....................................................................ccaucacgucaAuguggguaga.....  1   1   c16
.....................................................................ccaucacgucauuguggguagaC.....  1   1   c16
.....................................................................ccaucacgucauuguggguagau.....  4   0   c16
.....................................................................ccaucacgucauuguggguagaA.....  9   1   c16
.....................................................................ccaucacgucauuguggguagauU.....  2   1   c16
.....................................................................caucacgucauuguggguaga.....  1   0   c16

.............................uuccaccaugacgaaaugccg.....................................................  3   0   c09
.............................Guccaccaugacgaaaugccg.....................................................  1   1   c09
.....................................................................ccaucacgucauuguggu.....  3   0   c09
.....................................................................ccaucacgucauuguggua.....  10  0   c09
.....................................................................ccaucacgucauuguggguag.....  7   0   c09
.....................................................................ccauAacgucauuguggguaga.....  2   1   c09
.....................................................................Gcaucacgucauuguggguaga.....  1   1   c09
.....................................................................ccaucacgucauuCugguaga.....  1   1   c09
.....................................................................ccaucacgucauuguggguaga.....  89  0   c09
.....................................................................ccaucacgucauuguggguagaC.....  1   1   c09
.....................................................................ccaucacgucauuguggguagau.....  5   0   c09
.....................................................................ccaucacgucauuguggguagaA.....  11  1   c09
.....................................................................caucacgucauuguggguaga.....  1   0   c09
.....................................................................ucacgucauuguggguaga.....  1   0   c09
```

Provisional ID	:	tig00003034_45928
Score total	:	132.5
Score for star read(s)	:	3.9
Score for read counts	:	126.6
Score for mfe	:	1.1
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	260
Mature read count	:	233
Loop read count	:	0
Star read count	:	27





Star **Mature**

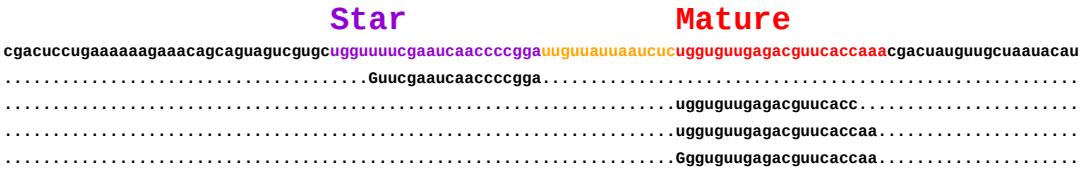
```
5'- cgacuccugaaaaaagaaacagcaguagucgugcugguuuucgaaucaaccccggauuguuauuaaaucucugguguugagacguucaccaaacgacuauguugcuaaauacau  -3'   obs
    cgacuccugaaaaaagaaacagcaguagucgugcugguuuucgaaucaaccccggauuguuauuaaaucucugguguugagacguucaccaaacgacuauguugcuaaauacau        exp
    ..................(((((.(((((((..((((...((..(((((((.((((((....)))))).))).)))))..))...)))).)))))))))))).........   reads     mm      sample
    ..........................................................ugguguugagacguucaccaa.....................   2         0       c04

    ................................ugguuuucgaaucaaccccgga.....................................................   1         0       c16
    ..........................................................ugguguugagacguucacc.......................   1         0       c16
    ..........................................................ugguguugagacguucCccaa.....................   1         1       c16
    ..........................................................ugguguugagacguucaccaa.....................   2         0       c16
    ..........................................................ugguguugagacguucaccaaa....................   5         0       c16

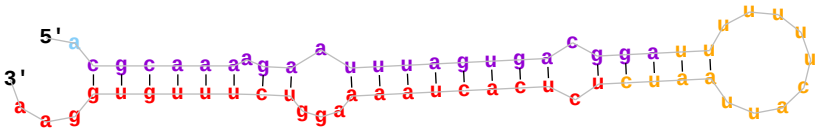
    ................................ugguuuucgaaucaaccccgga.....................................................   1         0       c09
    ..........................................................ugguguugagacguucaccU......................   2         1       c09
    ..........................................................ugguCuugagacguucaccaa.....................   1         1       c09
    ..........................................................ugguguugagacguucaccaa.....................   2         0       c09

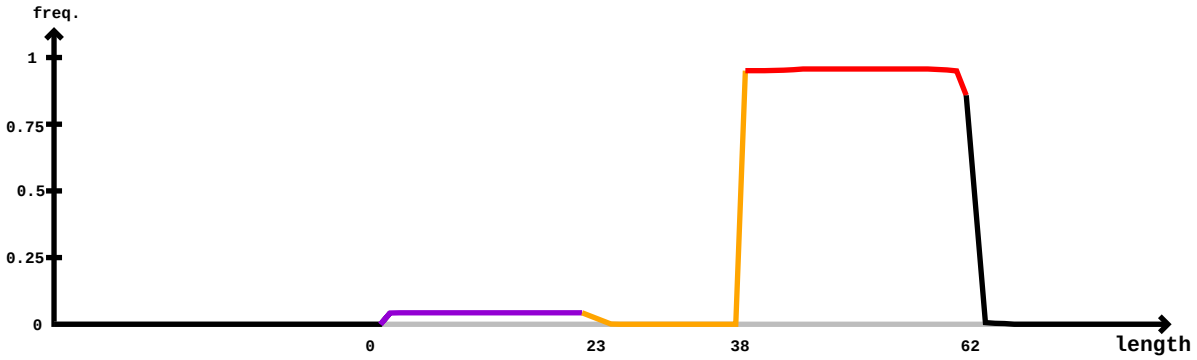
    ................................ugguuuucgaaucaaccccgg......................................................   1         0       c15
    ................................ugguuuucgaaucaaccccgga.....................................................   15        0       c15
    ................................ugguuuucgaauUaaccccgga.....................................................   1         1       c15
    ................................ugguuuuUgaaucaaccccgga.....................................................   1         1       c15
    ................................ugguuuucgaaucaaccccggau....................................................   4         0       c15
    ................................ugguuuucgaaucaaccccggaA....................................................   1         1       c15
    ..........................................................ugguguugagacguucaccaa.....................   50        0       c15
    ..........................................................ugguguugagacguucaccaG.....................   1         1       c15
    ..........................................................ugguguugagacguucaccaU.....................   1         1       c15
    ..........................................................ugguguugagacguucaccaaU....................   1         1       c15
    ..........................................................ugguguugagacguucaccaaa....................   142       0       c15
    ..........................................................ugguguuAagacguucaccaaa....................   1         1       c15
    ..........................................................ugguguugagacguucaccaaC....................   3         1       c15
    ..........................................................uUguguugagacguucaccaaa....................   1         1       c15
    ..........................................................ugUuguugagacguucaccaaa....................   2         1       c15
    ..........................................................ugguguugagacguucaccaaaA...................   2         1       c15
    ..........................................................ugguguugagacguucaccaaaU...................   2         1       c15
    ..........................................................ugguguugagacguucaccaaac...................   2         0       c15
    ..............................................................uguugagacguucaccaaa.....................   1         0       c15

    ................................ugguuuucgaaucaaccccgga.....................................................   1         0       c02
```


Star
Mature
cgacuccugaaaaaagaaacagcaguagucgugcugguuuucgaaucaaccccggauuguuauuaaaucucuggugguugagacguucaccaaacgacuauguugcuaaauacau
.....Guucgaaucaaccccgga.....
.....uggugguugagacguucacc.....
.....uggugguugagacguucaccaa.....
.....Ggguguugagacguucaccaa.....
1 1 c02
1 0 c02
6 0 c02
1 1 c02

Provisional ID	:	tig00003034_45930
Score total	:	570.4
Score for star read(s)	:	3.9
Score for read counts	:	562.5
Score for mfe	:	-0.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	1115
Mature read count	:	1067
Loop read count	:	0
Star read count	:	48





Star **Mature**

```
5'- aaagaaaaaacggaaaaaaauucuuuaacguaacgcaaaagaauuuagugacggauuuuuuucauuaaucucucacuaaaaggucuuuguggaauguuauugaaacaacauucu  -3'   obs
    aaagaaaaaacggaaaaaaauucuuuaacguaacgcaaaagaauuuagugacggauuuuuuucauuaaucucucacuaaaaggucuuuguggaauguuauugaaacaacauucu        exp
    ...........((((.....(((..((((((..((((((.((.(((((((((.(((((.........)))))..)))))))))...)))))))..))))))..)))......))))  reads  mm  sample
    ................................cgcaaaagaauuuagugacgga.....................................................................  2      0   c16
    ........................................................................ucucacuaaaaggucuuugugg.....................  1      0   c16
    ........................................................................ucucacuaaaaggucuuugugga....................  6      0   c16
    ........................................................................ucucacuaaaaggucuuuguggaa...................  40     0   c16
    ........................................................................Gcucacuaaaaggucuuuguggaa...................  4      1   c16
    ........................................................................ucucacuaaaaggucuuuguggaau..................  3      0   c16
    ........................................................................Gcucacuaaaaggucuuuguggaau..................  1      1   c16

    ........................................................................ucucacuaaaaggucuuugugga....................  2      0   c04
    ........................................................................ucucacuaaaaggucuuuguggaa...................  3      0   c04
    ........................................................................ucucacuaaaaggucuuuguggaaA..................  1      1   c04

    ........................................................................ucucacuaaaaggucuuugugg.....................  2      0   c09
    ........................................................................ucuAacuaaaaggucuuugugga....................  1      1   c09
    ........................................................................Gcucacuaaaaggucuuugugga....................  3      1   c09
    ........................................................................ucucacuaaaaggucuuugugga....................  18     0   c09
    ........................................................................ucucacCaaaaggucuuuguggaa...................  1      1   c09
    ........................................................................Gcucacuaaaaggucuuuguggaa...................  2      1   c09
    ........................................................................ucucacuaaaaggucuuuguggaa...................  21     0   c09
    ........................................................................ucucacuaaaaggucuuuguggaau..................  1      0   c09
    ........................................................................ucucacuaaaaggucuuuguggaaA..................  1      1   c09

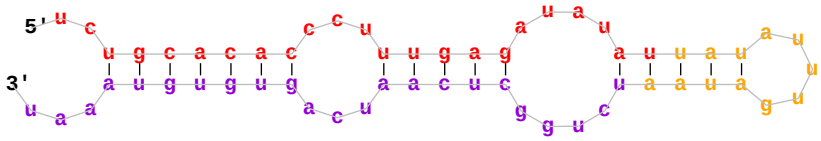
    ................................cgcaaaagaauuuagugacgg.....................................................................  5      0   c15
    ................................cUcaaaagaauuuagugacgga....................................................................  1      1   c15
    ................................cgcaaaagaauuuagugacggU....................................................................  1      1   c15
    ................................cgcaaaagaauuuagugacgga....................................................................  30     0   c15
    ................................cgcaaaagaauuuagugGcgga....................................................................  1      1   c15
    ................................cgcaaaagaauuuagugacggaA...................................................................  2      1   c15
    ................................cgcaaaagaauuuagugacggUuu..................................................................  1      1   c15
    ................................gcaaaagaauuuagugacgg.....................................................................  1      0   c15
    ........................................................................ucucacuaaaaggucuuugu.......................  1      0   c15
    ........................................................................ucucacuaaaaggucuuugug......................  1      0   c15
    ........................................................................ucucacuaaaaggucuuugugg.....................  1      0   c15
```

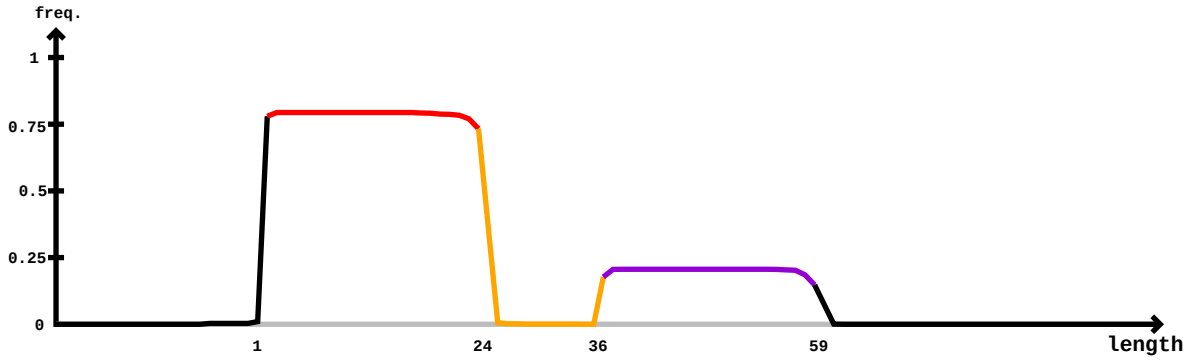
Star Mature

aaagaaaaaacggaaaaaaauucuuuaacguaacgcaaaagaauuuagugacggauuuuuuucauuaaucucucacuaaaaggucuuuguggaauguuauugaaacaacauucu

.....ucucacuaaaaggucuuuggga.....	26	0	c15
.....ucucacuaaaaggAcuuuggaa.....	2	1	c15
.....ucucacuaaaaggCcuuuggaa.....	1	1	c15
.....ucucacuaaaGggucuuuggaa.....	1	1	c15
.....ucucacuUaaaggucuuuggaa.....	1	1	c15
.....ucucacuaaaaggucuuuggaC.....	1	1	c15
.....ucucacuaaaaggucuuuguCgaa.....	1	1	c15
.....uAucacuaaaaggucuuuggaa.....	1	1	c15
.....ucucacuaaaaggucuuuggaa.....	664	0	c15
.....ucucGcuaaaaggucuuuggaa.....	2	1	c15
.....ucucacuaaaaggucuuuggaU.....	8	1	c15
.....ucucaGuaaaaggucuuuggaa.....	1	1	c15
.....ucucacuaaaaggGcuuuggaa.....	1	1	c15
.....ucucacuaaaaggAcuuuggaau.....	1	1	c15
.....ucucacuaaaaggucuuuggaaG.....	1	1	c15
.....ucucacuaaaaggucuuuggaaA.....	31	1	c15
.....ucucacuaaaaggucuuuggaau.....	74	0	c15
.....ucucacuaaaaggucuuuggaauU.....	2	1	c15
.....ucucacuaaaaggucuuuggaauC.....	1	1	c15
.....ucucacuaaaaggucuuuggaauUu.....	1	1	c15
.....ucucacuaaaaggucuuuggaauUuu.....	3	1	c15
.....cacuaaaaggucuuuggaa.....	1	0	c15
.....cgcaaaagaauuuagugacgg.....	1	0	c02
.....cgcaaaagaauuuagugacgga.....	2	0	c02
.....cgcaaaagaauuuagugacggaA.....	1	1	c02
.....ucucacuaaaaggucuuugu.....	1	0	c02
.....Gcucacuaaaaggucuuugug.....	1	1	c02
.....Gcucacuaaaaggucuuuggga.....	8	1	c02
.....ucAcacuaaaaggucuuuggga.....	1	1	c02
.....ucucacuaaaaggucuuuggga.....	36	0	c02
.....ucucacuaaaaggucuuuguUa.....	1	1	c02
.....Gcucacuaaaaggucuuuggaa.....	5	1	c02
.....ucucacuaaaaggucuuuggaC.....	1	1	c02
.....ucucacuaaaaggucuuuggaa.....	49	0	c02
.....ucucacuaaaagguAuuuggaa.....	1	1	c02
.....ucucacuaaaaggucuCuguggaa.....	1	1	c02
.....ucucacuaaaaggucuuuggaU.....	1	1	c02
.....ucAcacuaaaaggucuuuggaa.....	1	1	c02
.....ucucacuaaaaggucuuuguCaau.....	1	1	c02
.....ucucacuaaaaggucuuuggaau.....	9	0	c02
.....Gcucacuaaaaggucuuuggaau.....	1	1	c02
.....ucucacuaaaaggucuuuggaaA.....	4	1	c02
.....acuaaaaggucuuuggaau.....	1	0	c02
.....cuaaaaggucuuuggaa.....	2	0	c02
.....uaaaaggucuuuggaa.....	3	0	c02

Provisional ID	:	tig00003034_45931
Score total	:	1120.1
Score for star read(s)	:	3.9
Score for read counts	:	1115.1
Score for mfe	:	0
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	2199
Mature read count	:	1744
Loop read count	:	0
Star read count	:	455





Mature **Star**

```
5'- guaaaaauguucagugacauucugcacacccuuugagauauauuauauuuugauaauucuggcucaaucaguguguaaaugccauugaagcauuauucuacaagcgacggaaugg  -3'   obs
    guaaaaauguucagugacauucugcacacccuuugagauauauuauauuuugauaauucuggcucaaucaguguguaaaugccauugaagcauuauucuacaagcgacggaaugg        exp
    .....((((((((((.((((.(((((((...(((((....(((((.....)))))....))))))...)))))))))))).)))))).))))))(((((.........)))))..  reads  mm  sample
    ..............ugacauucugcacacccuuuga.....................................................................................  4      0   c15
    ..............ugacauucugcacacccuuugag....................................................................................  1      0   c15
    ..............ugacauucugcacacccuuugaga...................................................................................  1      0   c15
    ..................uucugcacacccuuugagauau..................................................................................  1      0   c15
    ..................uucugcacacccuuugagauaua.................................................................................  4      0   c15
    ..................uucugcacacccuuugagauauau................................................................................  7      0   c15
    ..................Cucugcacacccuuugagauauau................................................................................  3      1   c15
    ..................ucugcacacccuuugaga.......................................................................................  4      0   c15
    ..................ucugcacacccuuugagaua.....................................................................................  4      0   c15
    ..................ucugcacacccuuugagauau....................................................................................  21     0   c15
    ..................ucugcacacccuuugagauaC....................................................................................  1      1   c15
    ..................ucugcacacccuuugagauaua...................................................................................  66     0   c15
    ..................ucugcacacccuuugagauauU...................................................................................  3      1   c15
    ..................Acugcacacccuuugagauaua...................................................................................  1      1   c15
    ..................ucugcGcacccuuugagauaua...................................................................................  1      1   c15
    ..................ucugcacacccuuugagUuauau..................................................................................  1      1   c15
    ..................ucugcacacccuCugagauauau..................................................................................  1      1   c15
    ..................ucugcacacUuuugagauauau...................................................................................  1      1   c15
    ..................uUugcacacccuuugagauauau..................................................................................  1      1   c15
    ..................ucugcacacccuuugagauUuau..................................................................................  1      1   c15
    ..................uGugcacacccuuugagauauau..................................................................................  1      1   c15
    ..................uAugcacacccuuugagauauau..................................................................................  1      1   c15
    ..................ucuAcacacccuuugagauauau..................................................................................  2      1   c15
    ..................ucugcaUacccuuugagauauau..................................................................................  1      1   c15
    ..................ucugcacacccuuugagauauaA..................................................................................  4      1   c15
    ..................ucugcacacccuuugagauauaC..................................................................................  2      1   c15
    ..................ucugcacacccuuugagauauau..................................................................................  790    0   c15
    ..................ucugcacacccuuugagauGuau..................................................................................  2      1   c15
    ..................ucugcacacccCuugagauauau..................................................................................  1      1   c15
    ..................ucugcacacccuuugUgauauau..................................................................................  1      1   c15
    ..................ucugcacacccuuugagauauUu..................................................................................  1      1   c15
    ..................ucugUacacccuuugagauauauu.................................................................................  1      1   c15
    ..................ucuAcacacccuuugagauauauu.................................................................................  2      1   c15
```

Mature Star

guaaaaauguucagugacaucucugcacacccuuugagauauauuauauuuugauaaucuggcucaaucaguguguaaaugccauugaagcauuauucuacaagcgacggaaugg

.....ucugcacacccuuugagauauGuu.....	1	1	c15
.....ucuUcacacccuuugagauauauu.....	1	1	c15
.....ucAgcacacccuuugagauauauu.....	2	1	c15
.....ucugcacacccuuugCgauauauu.....	1	1	c15
.....ucugcacaUccuuugagauauauu.....	1	1	c15
.....ucugcacacccuuugagauauauu.....	651	0	c15
.....ucugcacacccuuugagauauauC.....	1	1	c15
.....ucugcacacccuuuCagauauauu.....	2	1	c15
.....ucCgcacacccuuugagauauauu.....	1	1	c15
.....ucugcacacccCuugagauauauu.....	1	1	c15
.....ucugcacacccuuugagauGuauu.....	1	1	c15
.....ucugcacacccuuugagauauUuu.....	1	1	c15
.....Ccugcacacccuuugagauauauu.....	1	1	c15
.....ucugcacacccuuugagauauauua.....	4	0	c15
.....ucugcacacccuuugagauauauuU.....	5	1	c15
.....ucugcacacccuuugagauauauuaua.....	2	0	c15
.....ucugcacacccuuugagauauauuUua.....	1	1	c15
.....ucugcacacccuuugagauauauuauauuugau.....	1	0	c15
.....cugcacacccuuugagauaua.....	3	0	c15
.....cugcacacccuuugagauauau.....	13	0	c15
.....cugcacacccuuugagauauauu.....	6	0	c15
.....ucuggcucaaucagugugu.....	1	0	c15
.....ucuggcucaaucagugugua.....	1	0	c15
.....uUuggcucaaucaguguguaa.....	1	1	c15
.....ucuggcucaaucaguguguaa.....	24	0	c15
.....ucuggcucaaucaguguguaaa.....	65	0	c15
.....ucuggcucaaucGguguguaaa.....	1	1	c15
.....ucuggcucaaucaguguguaaau.....	237	0	c15
.....ucuggcucaaucagugugCaaau.....	1	1	c15
.....ucuggcucaaucaguguguaGau.....	1	1	c15
.....ucuggcucaaucaguguguaaauA.....	1	1	c15
.....ucuggcucaaucaguguguaaauU.....	2	1	c15
.....ucuggcucaaucaguguguaaauUc.....	1	1	c15
.....cuggcucaaucaguguguaa.....	2	0	c15
.....cuggcucaaucaguguguaaU.....	1	1	c15
.....cuggcucaaucaguguguaaa.....	8	0	c15
.....cuggcucaaucagGuguguaaau.....	1	1	c15
.....cuggcucaaucaguguguaaau.....	33	0	c15
.....cuggcucaaucaguguguaaauU.....	2	1	c15

.....ucugcacacccuuugagaua.....	1	0	c02
.....ucugcacacccuuugagauau.....	3	0	c02
.....ucugcacacccuuugagauaua.....	3	0	c02
.....ucugcacCcccuuugagauaua.....	1	1	c02
.....Gcugcacacccuuugagauauau.....	1	1	c02
.....ucugcacacccuuugagauauau.....	22	0	c02
.....ucugcacCcccuuugagauauauu.....	1	1	c02
.....ucugcacacccuuugagauauauu.....	12	0	c02
.....Gcugcacacccuuugagauauauu.....	2	1	c02
.....cugcacacccuuugagauauau.....	5	0	c02
.....ucuggcucaaucagugugu.....	1	0	c02
.....Gcuggcucaaucaguguguaa.....	1	1	c02
.....ucuggcucaaucaguguguaa.....	4	0	c02
.....ucuggcucaaucaguguguaGa.....	1	1	c02
.....Gcuggcucaaucaguguguaaa.....	1	1	c02
.....ucuggcucaaucaguguguaaau.....	11	0	c02
.....cuggcucaaucGguguguaa.....	1	1	c02
.....cuggcucaaucaguguguaaa.....	2	0	c02
.....cuggcucaaucaguguguaUau.....	1	1	c02
.....cuggcucaaucaguguguaaau.....	6	0	c02
.....cuggcucaaucaguguguaGau.....	2	1	c02
.....uggcucaaucaguguguaaauU.....	1	1	c02

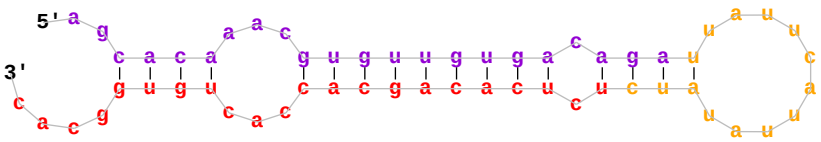
.....ucugcacacccuuugagau.....	1	0	c16
.....ucugcacacccuuugagaua.....	1	0	c16
.....Gcugcacacccuuugagauau.....	1	1	c16
.....ucugcacacccuuugagauauau.....	16	0	c16
.....ucugcacacccuuugagauauauu.....	2	0	c16
.....ucugcacacccuuugagauauauA.....	1	1	c16
.....cugcacacccuuugagauauau.....	1	0	c16

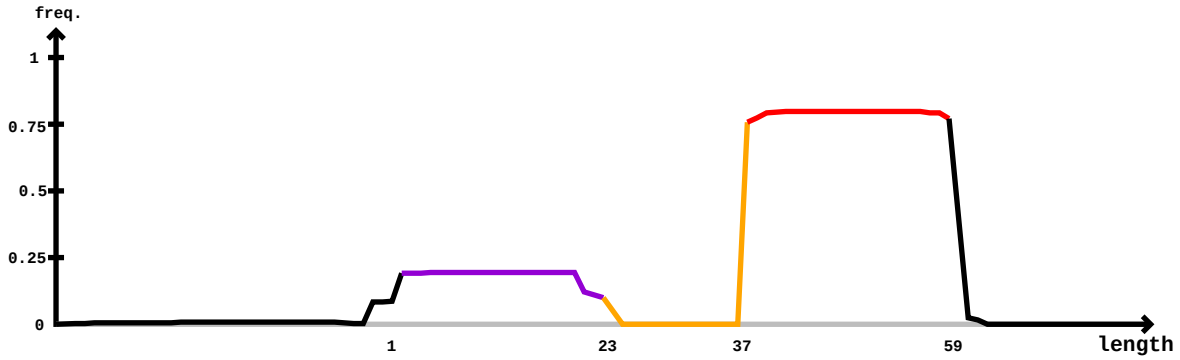
Mature Star

guaaaaauguucagugacauucugcacacccuuugagauauauuauauuuugauaaucuggcucaaucaguguguaaaugccauugaagcauuauucuacaagcgacggaaugg

.....ucuggcucaaucagugugua.....	1	0	c16
.....ucuggcucaaucaguguguaa.....	3	0	c16
.....ucuggcucaaucaguguguaaa.....	1	0	c16
.....ucuggcucaaucaguguCuaaau.....	1	1	c16
.....ucuggcucaaucaguguguaaau.....	9	0	c16
.....ucuggcucaaucaguguguaGau.....	1	1	c16
.....cuggcucaaucaguguguaU.....	1	1	c16
.....cuggcucaaucaguguguaGau.....	1	1	c16
.....cuggcucaaucaguguguaaau.....	2	0	c16
.....ucugcacacccuuugagau.....	1	0	c04
.....ucugcacacccuuugagauauau.....	1	0	c04
.....ucugcacacccuuugagauauauu.....	2	0	c04
.....ucuggcucaaucagugug.....	1	0	c04
.....ucuggcucaaucaguguguaaa.....	1	0	c04
.....Gcuggcucaaucaguguguaaau.....	1	1	c04
.....ucuggcucaaucaguguguaaau.....	1	0	c04
.....ugacauucugcacacccuuugag.....	1	0	c09
.....ucugcacacccuuugaga.....	1	0	c09
.....ucugcacacccuuugagU.....	1	1	c09
.....ucugcacacccuuugagaua.....	1	0	c09
.....ucugcacacccuuugagauau.....	2	0	c09
.....ucugcacacccuuugagauaua.....	1	0	c09
.....ucugcacGcccuuugagauauau.....	1	1	c09
.....ucugcacacccuuugagauauau.....	19	0	c09
.....Gcugcacacccuuugagauauau.....	1	1	c09
.....ucugcacacccuuugagauauauu.....	7	0	c09
.....cugcacacccuuugagaua.....	1	0	c09
.....cugcacacccuuugagauauau.....	2	0	c09
.....ucuggcucaaucagugugu.....	2	0	c09
.....ucuggcuAaaucagugugua.....	1	1	c09
.....ucuggcucaaucaguguguaa.....	1	0	c09
.....ucuggcucaaucaguguguaaa.....	2	0	c09
.....Gcuggcucaaucaguguguaaau.....	1	1	c09
.....ucuggcucaaucaguguguaaau.....	7	0	c09
.....ucuggcuUaaucaguguguaaau.....	1	1	c09
.....ucuggcucaaucaguguguaaaug.....	1	0	c09

Provisional ID	:	tig00003034_45934
Score total	:	170.8
Score for star read(s)	:	3.9
Score for read counts	:	165.8
Score for mfe	:	0
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	337
Mature read count	:	296
Loop read count	:	0
Star read count	:	41





Star **Mature**

```
5'- uaaaaauauaacgaauaaaaacucuuuaacaugu agcacaaacguguugugacaga uuauucauuauauc ucucacagcaccacuguggcac augcuacagaagucuuucaa  -3'   obs
    uaaaaauauaacgaauaaaaacucuuuaacaugu agcacaaacguguugugacaga uuauucauuauauc ucucacagcaccacuguggcac augcuacagaagucuuucaa        exp
    ....................(((((.((.(((((..((((...((((((((((.((((..........))))..)))))))))...))))..)))))).)).)).)))....... reads     mm      sample
    ............................uguGgcacaaacguguugugac..................................................................... 1         1       c02
    ............................uguagcacaaacguguugugac..................................................................... 1         0       c02
    ............................uguagcacaaacguguugugaca.................................................................... 1         0       c02
    ............................uguagcacaaacguguugugacag................................................................... 1         0       c02
    ..............................Ggcacaaacguguugugacaga.................................................................... 1         1       c02
    ..............................agcacaaacguguugugacaga.................................................................... 3         0       c02
    ..............................agcacaaacguguugugacagaA................................................................... 1         1       c02
    ....................................................................ucucacagcaccacuguggca..... 1         0       c02
    ....................................................................ucucacagcaccacuguggcac.... 13        0       c02
    ....................................................................Acucacagcaccacuguggcac.... 1         1       c02
    ....................................................................ucucacGgcaccacuguggcac.... 2         1       c02
    ....................................................................Gcucacagcaccacuguggcac.... 2         1       c02
    ....................................................................ucucacagcaccacuguggcacU... 1         1       c02
    ....................................................................Gcacagcaccacuguggcacau.... 1         1       c02
    ....................................................................ucacagcaccacuguggcacaug... 1         0       c02
    ....................................................................acagcaccacuguggcac........ 1         0       c02

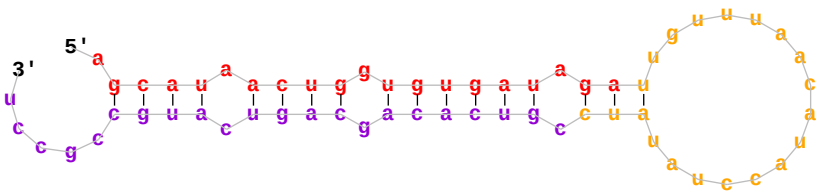
    uaaaaauauaacgaauaaaaacucuuua.............................................................................. 1         0       c15
    ..aaaauauaacgaauaaaaacucuuuaaca............................................................................ 1         0       c15
    ............................uguagcacaaacguguugugac..................................................................... 22        0       c15
    ............................uguagcacaaacguguugugaca.................................................................... 1         0       c15
    ..............................uagcacaaacguguugugacaga.................................................................... 1         0       c15
    ..............................agcacaaacguguugugacaga.................................................................... 18        0       c15
    ..............................agcacaaacguguugugacagaA................................................................... 2         1       c15
    ....................................................................ucucacagcaccacugugg..... 1         0       c15
    ....................................................................ucucacagcaccacuguggca.... 2         0       c15
    ....................................................................Acucacagcaccacuguggcac.... 1         1       c15
    ....................................................................ucucacagcaccacuguggcac.... 144       0       c15
    ....................................................................ucucacaUcaccacuguggcac.... 1         1       c15
    ....................................................................uGucacagcaccacuguggcac.... 1         1       c15
    ....................................................................ucucacagcaccacuguggcaA... 2         1       c15
    ....................................................................ucucaUagcaccacuguggcac.... 1         1       c15
    ....................................................................ucucacagcaccacuguggcaca... 1         0       c15
```

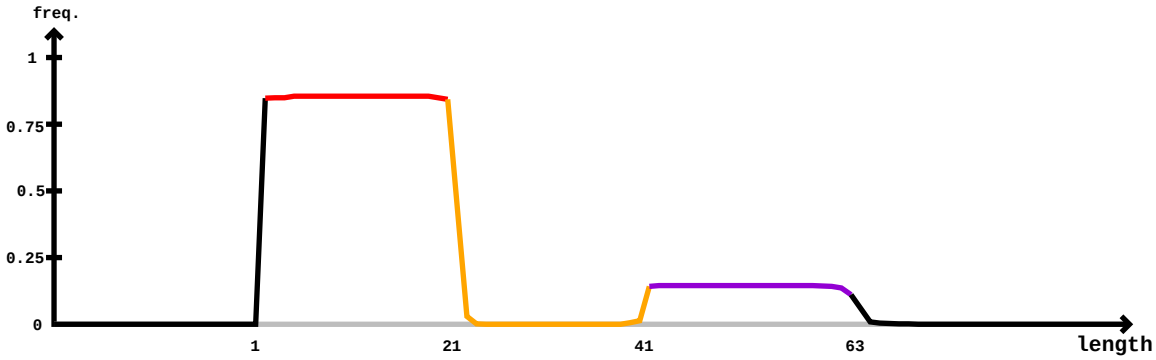
Star Mature

uaaaaauauaacgaauaaaaacucuuuaacaugu**agcacaaacguguugugacaga**uuauucauuauauc**ucucacagcaccacuguggcac**augcuacagaagucuuucaa

.....ucucacagcaccacuguggcacU.....	10	1	c15
.....ucucacagcaccacuguggcacUu.....	1	1	c15
.....cucacagcaccacuguggcac.....	1	0	c15
.....cucacagcaccacuguggcacU.....	3	1	c15
.....ucacagcaccacuguggcacaug.....	4	0	c15
.....cacagcaccacuguggcacaug.....	1	0	c15
..........cgaauaaaaacucuGuaa.....	1	1	c09
.....uguagcacaaacguguugugaca.....	1	0	c09
.....agcacaaacguguugugaca.....	1	0	c09
.....agcacaaacguguugugacaga.....	4	0	c09
.....ucucacagcaccacuguggca.....	4	0	c09
.....ucucacGgcaccacuguggca.....	1	1	c09
.....ucucacagcaccacuguggcac.....	38	0	c09
.....ucucacagcCccacuguggcac.....	1	1	c09
.....Gcucacagcaccacuguggcac.....	3	1	c09
.....ucucacGgcaccacuguggcac.....	1	1	c09
.....ucucacagcacAacuguggcac.....	1	1	c09
.....ucucacagcaccacuguggcacU.....	5	1	c09
.....ucacagcaccacuguggcacau.....	1	0	c09
.....uguagcacaaacUuguugugac.....	1	1	c16
.....uguagcacaaacguguugugac.....	2	0	c16
.....agcacaaacguguugugacag.....	2	0	c16
.....agcacaaacguguugugacaga.....	6	0	c16
.....ucucacGgcaccacugugg.....	1	1	c16
.....ucucacGgcaccacuguggcac.....	6	1	c16
.....ucucacagcaccacuguggcac.....	29	0	c16
.....ucucacagcGccacuguggcac.....	1	1	c16
.....Gcucacagcaccacuguggcac.....	1	1	c16
.....ucucacagcaccacuguggcaca.....	1	0	c16
.....cucacGgcaccacuguggcac.....	1	1	c16
.....cucacagcaccacuguggcac.....	1	0	c16
.....agcacaaacguguugugacag.....	1	0	c04
.....acaaacguguugugacaga.....	1	0	c04
.....ucucacagcaccacuguggcac.....	3	0	c04

Provisional ID	:	tig00003034_45935
Score total	:	341.9
Score for star read(s)	:	3.9
Score for read counts	:	337.6
Score for mfe	:	-0.5
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	674
Mature read count	:	578
Loop read count	:	0
Star read count	:	96





Mature **Star**

```
5'- aaauaauuucuuugacauaaagcauaacuggugugauagauuguuuaacauaccuauauccgucacagcagucaugccgccuauguuucagaagauucuacauggaagcc  -3'   obs
    aaauaauuucuuugacauaaagcauaacuggugugauagauuguuuaacauaccuauauccgucacagcagucaugccgccuauguuucagaagauucuacauggaagcc        exp
    .....((((..((((((..((((.((((.((((((.(((.............))).))))))).))))).))))....))))))..))))..((((....))))...  reads   mm   sample
    ...................agcauaacuggugugaua.....................................................................  1       0    c02
    ...................agcauaacuggugugauag....................................................................  2       0    c02
    ...................agcauGacuggugugauaga...................................................................  12      1    c02
    ...................agcauaacAggugugauaga...................................................................  1       1    c02
    ...................Cgcauaacuggugugauaga...................................................................  6       1    c02
    ...................agcauaacuggugugauaga...................................................................  40      0    c02
    ...................agcauGacuggugugauagau..................................................................  2       1    c02
    ...................agcauaacuggugugauagau..................................................................  11      0    c02
    ...................agcauaacuggugugauagaA..................................................................  4       1    c02
    .....................auaacuggugugauagaA....................................................................  1       1    c02
    ..........................................................cgucacagcagucaugccgcc.....................  3       0    c02
    ..........................................................cgucacagcagucaugccgccu....................  1       0    c02
    ..........................................................cgucacagcagucaugccgccuU...................  1       1    c02

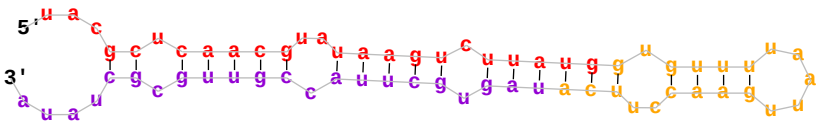
    ...................agcauaacuggugugaua.....................................................................  1       0    c15
    ...................agcauaacuggugugauag....................................................................  1       0    c15
    ...................agcauGacuggugugauaga...................................................................  2       1    c15
    ...................agcauaUcuggugugauaga...................................................................  1       1    c15
    ...................agcauaacuggugAgauaga...................................................................  1       1    c15
    ...................agcauaacuggugugauaga...................................................................  319     0    c15
    ...................agcauaaGuggugugauaga...................................................................  2       1    c15
    ...................aUcauaacuggugugauaga...................................................................  1       1    c15
    ...................agcauaaUuggugugauaga...................................................................  1       1    c15
    ...................agcauaacuggugugauagau..................................................................  73      0    c15
    ...................agcauaacuggugugauagaA..................................................................  7       1    c15
    ...................aAcauaacuggugugauagau..................................................................  2       1    c15
    ...................agcauGacuggugugauagau..................................................................  1       1    c15
    ...................agcauaacuggugugauagauu.................................................................  15      0    c15
    ...................agcauaacuggugugauagaAu.................................................................  1       1    c15
    ...................agcauaacuggugugauagauuU................................................................  1       1    c15
    .....................gcauaacuggugugauaga....................................................................  1       0    c15
    ..........................................................uccgucacagcagucaugccA.....................  1       1    c15
    ..........................................................uccgucacagcagucaugccgc....................  2       0    c15
```

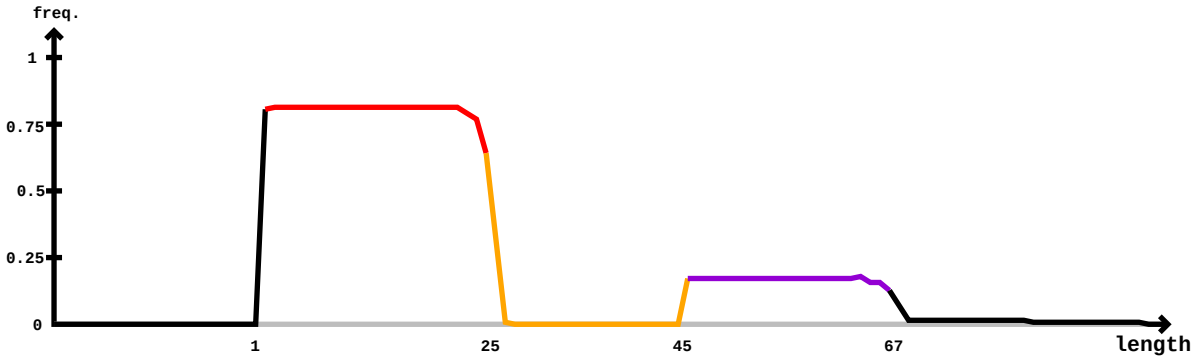
Mature Star

aaauaaauuucuuugacauaaagcauaacuggugugauagauuguuuuaacauaccuauauccgucacagcagucaugccgccuauguuucagaagauucuacauggaagcc

.....uccgucacagcagucaugccgcUu.....	1	1	c15
.....ccgucacagcagucaugccgc.....	1	0	c15
.....ccgucacagcagucaugccgcc.....	1	0	c15
.....ccgucacagcagucaugccgccu.....	2	0	c15
.....cgucacagcagucaugcc.....	1	0	c15
.....cgucacagcagucaugccgc.....	1	0	c15
.....cgucacagcagucaugccgcc.....	10	0	c15
.....cgucacagcagucaugccgccC.....	1	1	c15
.....Ggucacagcagucaugccgccu.....	1	1	c15
.....cgucacagcagucaugccgccA.....	4	1	c15
.....cgucacagcagucaugccgccu.....	29	0	c15
.....cgucacagcagucaugccgccuU.....	14	1	c15
.....cgucacagcagucaugccgccuau.....	1	0	c15
.....cgucacagcagucaugccgccuUu.....	2	1	c15
.....cgucacagcagucaugccgccuauU.....	1	1	c15
.....cgucacagcagucaugccgccuUugu.....	1	1	c15
.....cgucacagcagucaugccgccuauUuuu.....	1	1	c15
.....gucacagcagucaugccgcc.....	1	0	c15
.....agcauaacuggugugauagauu.....	1	0	c04
.....agcauaacuggugugauag.....	1	0	c16
.....agcauGacuggugugauaga.....	7	1	c16
.....Cgcauaacuggugugauaga.....	3	1	c16
.....agcauaacuggugugauaga.....	12	0	c16
.....agcauaacAggugugauaga.....	1	1	c16
.....agcauaacuggugugauagaA.....	2	1	c16
.....agcauaacuggugugauagau.....	1	0	c16
.....agcauGacuggugugauagauu.....	1	1	c16
.....agcauaacuggugugauagauu.....	1	0	c16
.....auaacuggugugauagau.....	1	0	c16
.....ccgucacagcagucaugccgccu.....	1	0	c16
.....cgucacagcagucaugccgcc.....	1	0	c16
.....cgucCcagcagucaugccgccu.....	1	1	c16
.....cgucacagcagucaugccgccu.....	9	0	c16
.....gucacagcagucaugccgccu.....	1	0	c16
.....agcauaacuggugugaua.....	2	0	c09
.....agcauGacuggugugauaga.....	3	1	c09
.....Ggcauaacuggugugauaga.....	1	1	c09
.....agcauaacuggugugauaga.....	19	0	c09
.....agcauaacuCgugugauaga.....	1	1	c09
.....agcauaacugguCugauaga.....	1	1	c09
.....agcauGacuggugugauagau.....	2	1	c09
.....agcauaacuggugugauagaG.....	1	1	c09
.....agcauaacuggugugauagau.....	5	0	c09
.....auaacuggugugauagau.....	2	0	c09
.....cgucacagcagucaugccgcc.....	1	0	c09
.....cgucacagcagucaugccgccu.....	3	0	c09

Provisional ID	:	tig00003034_45937
Score total	:	70.8
Score for star read(s)	:	3.9
Score for read counts	:	61.3
Score for mfe	:	1
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	132
Mature read count	:	109
Loop read count	:	0
Star read count	:	23





Mature **Star**

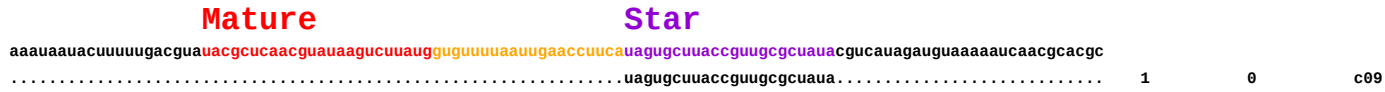
```
5'- aaauaauacuuuuugacguauacgucaacguauaagucuuaugguguuuuaauugaaccuucauagugcuuaccguugcgcuauacgucauagauguaaaaaucaacgcacgc  -3'   obs
    aaauaauacuuuuugacguauacgucaacguauaagucuuaugguguuuuaauugaaccuucauagugcuuaccguugcgcuauacgucauagauguaaaaaucaacgcacgc        exp
    ......((((((.(((((((((.((.(((((..(((((.((((((.((((.....))))..))))))).)))))).)))))).)))))))))))).))).)))..............  reads    mm       sample
    ...................uacgcucaacguauaagucuuaug.....................................................................  1        0        c02
    ..........................................................uagugcuuaccguugcgcuau.....................................  1        0        c02
    ..........................................................uaguUcuuaccguugcgcuau.....................................  1        1        c02
    ..........................................................uagugcuuaccguugcgcuaua....................................  5        0        c02

    ...................uacgcucaacguauaagucuu.....................................................................  1        0        c15
    ...................uacgcucaacguauaagucuua....................................................................  2        0        c15
    ...................uacgcucaacguauaagucuuau...................................................................  15       0        c15
    ...................uacgcucaacguauaagAcuuau...................................................................  1        1        c15
    ...................uacgcucaacguauaGgucuuaug..................................................................  1        1        c15
    ...................uacgcucaacguauaagucuuaug...................................................................  54       0        c15
    ...................uacgcucaacguauaagucuuaugg..................................................................  24       0        c15
    ...................uacgcucaacguauaagucuuaugC..................................................................  1        1        c15
    ...................uacgcucaacguauaagucuuaugA..................................................................  1        1        c15
    ...................uacgcucaacguauaagucuuauggu.................................................................  1        0        c15
    ....................acgcucaacguauaagucuuaugg...................................................................  1        0        c15
    ..........................................................uagugcuuaccguugcgcuau.....................................  2        0        c15
    ..........................................................uagugcuuaccguugcgcuauU....................................  1        1        c15
    ..........................................................uagugcuuaccguugcgcuaua....................................  6        0        c15
    ...............................................................................uacgucauagauguaaaaaucaacgcac..  1        0        c15

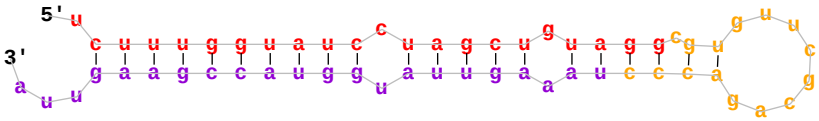
    ...................uacgcucaacguauaagucuu.....................................................................  1        0        c16
    ..........................................................uagugcuuaccguugcgcua.....................................  1        0        c16
    ..........................................................uagugcuuaccguugcgcuaua....................................  2        0        c16

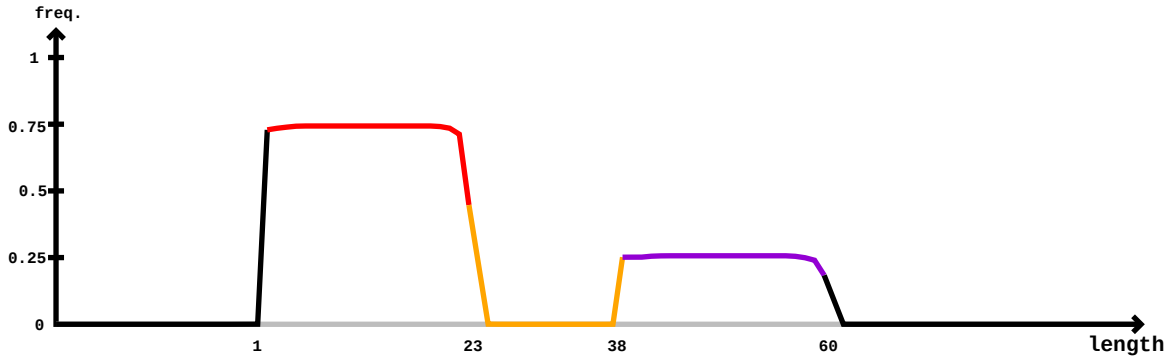
    ...............................................................................uaGacgucauagauguaa.............  1        1        c04

    ...................uacgcucaacguauaagucuu.....................................................................  1        0        c09
    ...................uacgcucaacguauaagucuua....................................................................  1        0        c09
    ...................Gacgcucaacguauaagucuuau...................................................................  1        1        c09
    ...................uacgcucaacguauaagucuuaug...................................................................  1        0        c09
    ...................uacgcucaacguauaagucuuaugg..................................................................  1        0        c09
    ..........................................................uagugcuuaccguugcgcu......................................  3        0        c09
```


Mature
Star
aaauaauacuuuuugacguauacgcucaacguauaagucuuaugguguuuuaauugaaccuucauagugcuuaccguugcgcuauacgucauagauguaaaaaucaacgcacgc
.....uagugcuuaccguugcgcuaua.....
1
0
c09

Provisional ID	:	tig00003240_group8_38422
Score total	:	162441.8
Score for star read(s)	:	3.9
Score for read counts	:	162430.9
Score for mfe	:	2.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	318613
Mature read count	:	236823
Loop read count	:	0
Star read count	:	81790





Mature **Star**

```
5'- accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu  -3'   obs
    accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu        exp
    ..........(((((((((..((((((((((.(((((.((((.((........)))))).)))))..)))))))))..))))))))))(((((((...)))))))).....  reads   mm   sample
    ................cgAcucuuugguauccuagcuguag.....................................................................  1       1    c09
    ................Agucucuuugguauccuagcuguagg....................................................................  1       1    c09
    ................gucucuuugguauccuagcuguag.....................................................................  1       0    c09
    ................guUucuuugguauccuagcuguag.....................................................................  1       1    c09
    ................Aucucuuugguauccuagcuguagg....................................................................  1       1    c09
    ................gGcucuuugguauccuagcuguagg....................................................................  1       1    c09
    ................Ccucuuugguauccuagcugua.......................................................................  1       1    c09
    ................uUucuuugguauccuagcuguag......................................................................  1       1    c09
    ................uAucuuugguauccuagcuguag......................................................................  1       1    c09
    ................Acucuuugguauccuagcuguag......................................................................  1       1    c09
    ................Uucuuugguauccuagcuguag.......................................................................  1       1    c09
    ................Gucuuugguauccuagcuguag.......................................................................  1       1    c09
    ................cucuuugguauccuagcuguag.......................................................................  2       0    c09
    ................Uucuuugguauccuagcuguagg......................................................................  1       1    c09
    ................cucuuugguauccuagcuguagg......................................................................  1       0    c09
    ................Gcuuugguauccuagcug...........................................................................  2       1    c09
    ................ucuuugguauccuagcug...........................................................................  72      0    c09
    ................ucuuugguauccuagcuA...........................................................................  2       1    c09
    ................ucuuugguauccuaCcug...........................................................................  1       1    c09
    ................ucuuugguauccuagcuC...........................................................................  1       1    c09
    ................Gcuuugguauccuagcugu..........................................................................  19      1    c09
    ................ucuuugguauccuaCcugu..........................................................................  2       1    c09
    ................ucuuugguauccuagcugu..........................................................................  237     0    c09
    ................ucuuugguaucAuagcugua.........................................................................  3       1    c09
    ................ucuuugguauccuaCcugua.........................................................................  1       1    c09
    ................ucuuugguauccAagcugua.........................................................................  1       1    c09
    ................ucuuugguauccuagcuguU.........................................................................  4       1    c09
    ................Acuuugguauccuagcugua.........................................................................  1       1    c09
    ................ucuuugguaucGuagcugua.........................................................................  2       1    c09
    ................Gcuuugguauccuagcugua.........................................................................  50      1    c09
    ................ucuuGgguauccuagcugua.........................................................................  1       1    c09
    ................ucuuugguauccuagcuguG.........................................................................  1       1    c09
    ................ucuuugguauccuagcugua.........................................................................  638     0    c09
```

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuauagguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....ucuuugguauccGagcugua.....	1	1	c09
.....ucuuugCuauccuagcugua.....	1	1	c09
.....ucuuugguauccuagcuguC.....	2	1	c09
.....ucuuugguauccGagcuguag.....	2	1	c09
.....ucuCugguauccuagcuguag.....	2	1	c09
.....ucuuAgguauccuagcuguag.....	7	1	c09
.....ucuuuCguauccuagcuguag.....	8	1	c09
.....ucuuugguauccuaUcuguag.....	4	1	c09
.....ucuuugguaucGuagcuguag.....	2	1	c09
.....ucuuugguauccuagcAguag.....	5	1	c09
.....uGuuugguauccuagcuguag.....	2	1	c09
.....ucuuugguauccuagcuguUg.....	2	1	c09
.....ucuuugguauccAagcuguag.....	1	1	c09
.....ucuuugguauccuagcuCuag.....	15	1	c09
.....Ccuuugguauccuagcuguag.....	4	1	c09
.....Acuuugguauccuagcuguag.....	47	1	c09
.....ucuuCgguauccuagcuguag.....	1	1	c09
.....ucuuugguauccuagcuUuag.....	3	1	c09
.....ucuuugguCuccuagcuguag.....	1	1	c09
.....ucuuugCuauccuagcuguag.....	3	1	c09
.....uAuuugguauccuagcuguag.....	4	1	c09
.....ucuuugguauccuagcuguaU.....	8	1	c09
.....ucuuugguaucAuagcuguag.....	10	1	c09
.....ucuuuggAauccuagcuguag.....	4	1	c09
.....uUuuugguauccuagcuguag.....	9	1	c09
.....ucAuugguauccuagcuguag.....	1	1	c09
.....ucuuugguauccuGgcuguag.....	4	1	c09
.....ucuuugguauAcuagcuguag.....	8	1	c09
.....ucuuugUuauccuagcuguag.....	4	1	c09
.....ucuuugguauccuagUuguag.....	2	1	c09
.....ucuuugguaucUuagcuguag.....	3	1	c09
.....ucuuugguauccCagcuguag.....	3	1	c09
.....ucuuugguauccuagcCguag.....	3	1	c09
.....ucuuugguauGcuagcuguag.....	3	1	c09
.....ucuuugguaCccuagcuguag.....	2	1	c09
.....ucuuugguauUcuagcuguag.....	3	1	c09
.....ucuuugguauccuagcuguag.....	8947	0	c09
.....ucuuugguUuccuagcuguag.....	1	1	c09
.....ucuuugguauccuaCcuguag.....	7	1	c09
.....ucuuuUguauccuagcuguag.....	3	1	c09
.....ucuuugguGuccuagcuguag.....	2	1	c09
.....ucuuugguauccuagcuAuag.....	2	1	c09
.....ucuuugguauccuagcuguGg.....	7	1	c09
.....ucuuugguauccuagcugCag.....	5	1	c09
.....ucuuugguauccuagAuguag.....	9	1	c09
.....ucuAugguauccuagcuguag.....	3	1	c09
.....ucuuGgguauccuagcuguag.....	1	1	c09
.....ucuuugguauccuagcuguaA.....	10	1	c09
.....ucuuugguauccuagcuguaC.....	5	1	c09
.....Gcuuugguauccuagcuguag.....	674	1	c09
.....ucuuugguauccuaAcuguag.....	2	1	c09
.....ucCuugguauccuagcuguag.....	2	1	c09
.....ucuuuAguauccuagcuguag.....	1	1	c09
.....ucuuugguaAccuagcuguag.....	1	1	c09
.....ucuuugguaAccuagcuguagg.....	2	1	c09
.....uUuuugguauccuagcuguagg.....	3	1	c09
.....ucuuugguauccuUgcuguagg.....	1	1	c09
.....ucuuugguauUcuagcuguagg.....	5	1	c09
.....ucuuugguaucGuagcuguagg.....	1	1	c09
.....ucuuugguCuccuagcuguagg.....	1	1	c09
.....ucGuugguauccuagcuguagg.....	1	1	c09
.....ucuuugguauccuagcuguagC.....	13	1	c09
.....ucuuuggAauccuagcuguagg.....	2	1	c09
.....ucuAugguauccuagcuguagg.....	3	1	c09
.....ucuuugguauccuagAuguagg.....	5	1	c09
.....ucCuugguauccuagcuguagg.....	1	1	c09
.....ucuuugguauccuagcuguUgg.....	2	1	c09
.....ucuCugguauccuagcuguagg.....	3	1	c09
.....ucuuuCguauccuagcuguagg.....	7	1	c09
.....ucuuugguauccuagcAguagg.....	2	1	c09

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuauagguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....ucuuugUuauccuagcuguagg.....	2	1	c09
.....ucuuugCuauccuagcuguagg.....	5	1	c09
.....ucuuugguauAcuagcuguagg.....	6	1	c09
.....Gcuuugguauccuagcuguagg.....	609	1	c09
.....ucuuugguauccGagcuguagg.....	3	1	c09
.....ucuuugguauccuagcuguGgg.....	4	1	c09
.....ucuuugguaucAuagcuguagg.....	12	1	c09
.....ucuGugguauccuagcuguagg.....	1	1	c09
.....ucAuuugguauccuagcuguagg.....	4	1	c09
.....ucuuugguauccuagcuguaUg.....	1	1	c09
.....ucuuAgguauccuagcuguagg.....	2	1	c09
.....ucuuugguauccAagcuguagg.....	3	1	c09
.....ucuuugguUuccuagcuguagg.....	2	1	c09
.....ucuuugguaucUuagcuguagg.....	1	1	c09
.....ucuuugAuauccuagcuguagg.....	1	1	c09
.....Acuuugguauccuagcuguagg.....	32	1	c09
.....uGuuugguauccuagcuguagg.....	3	1	c09
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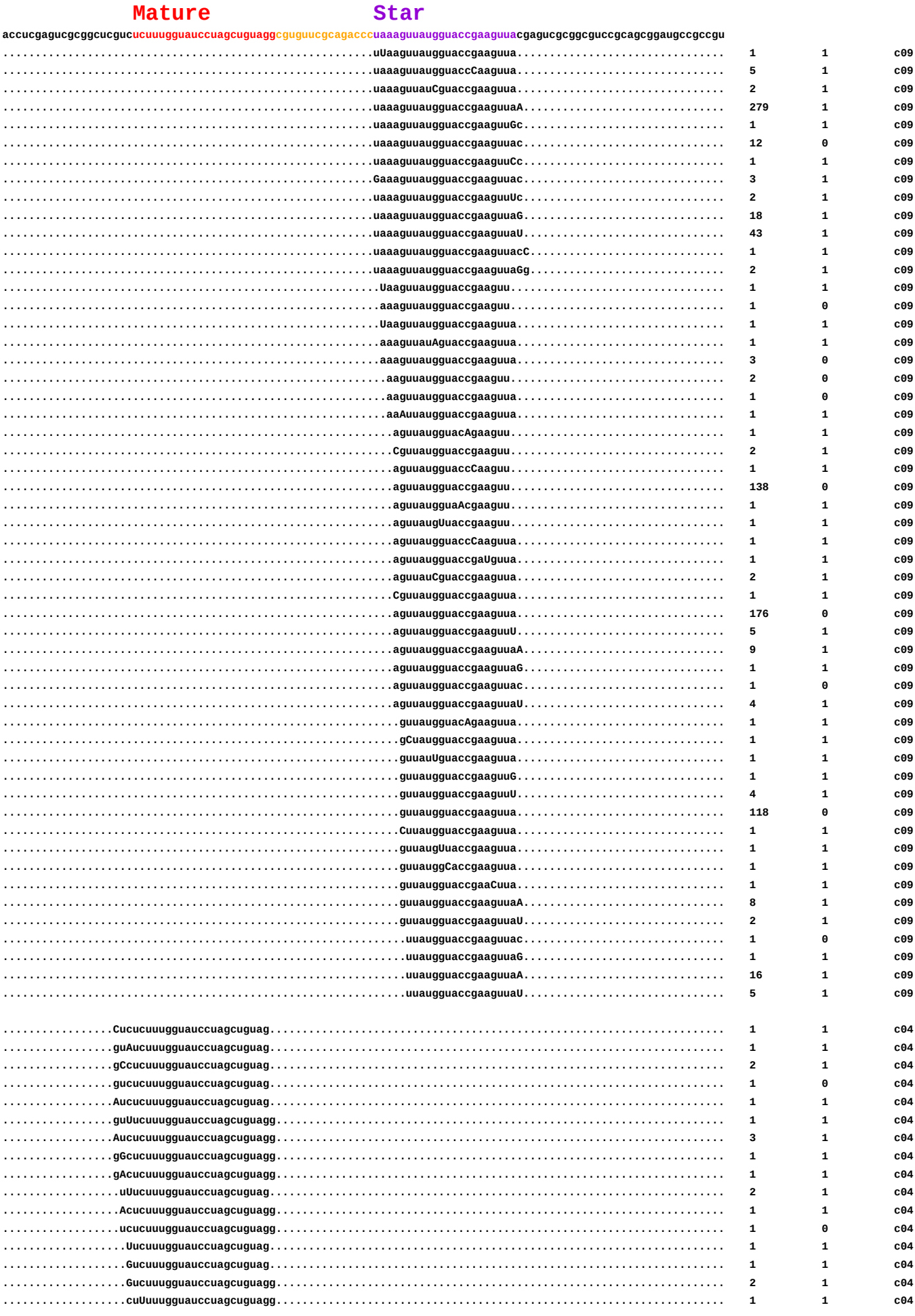
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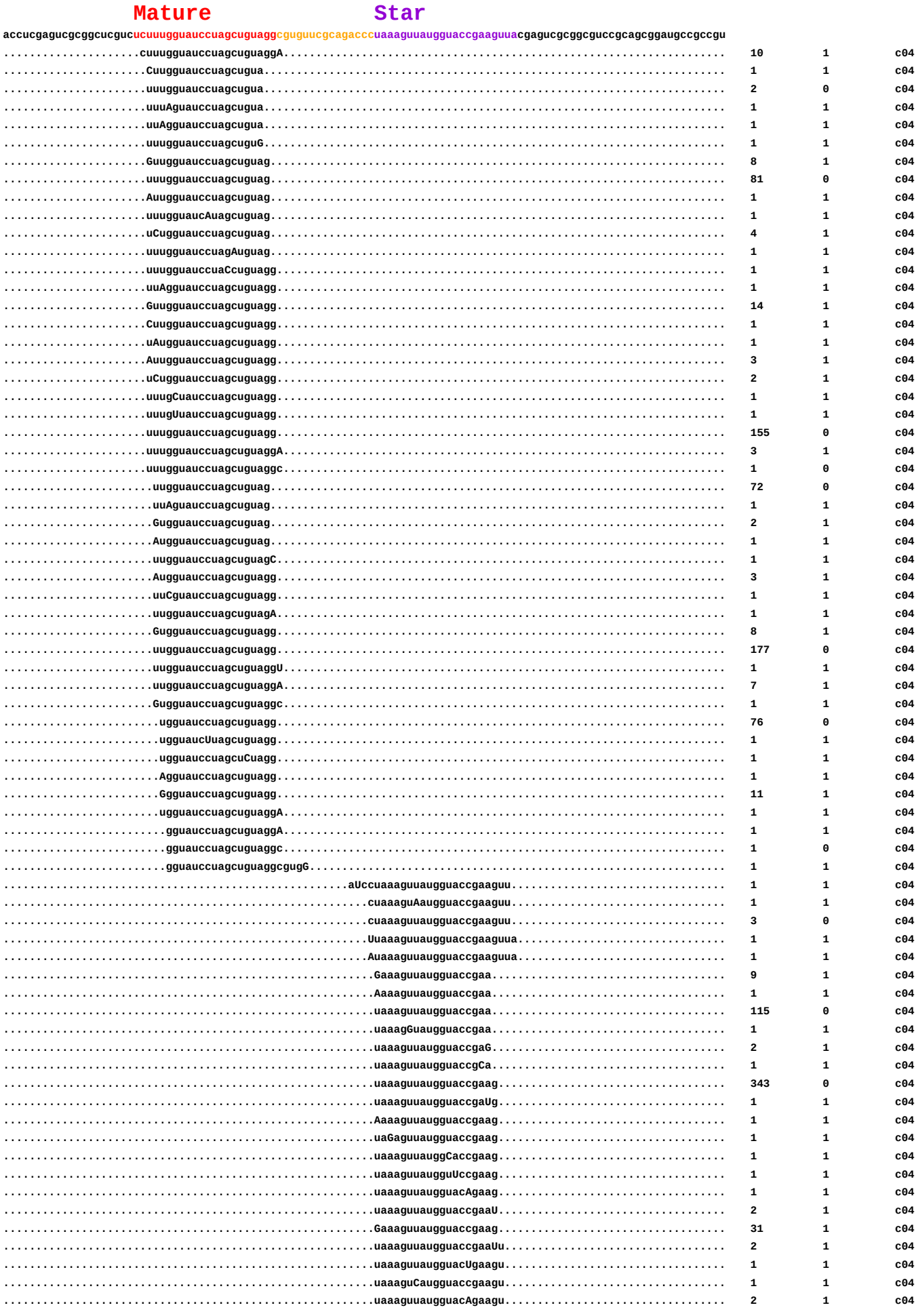
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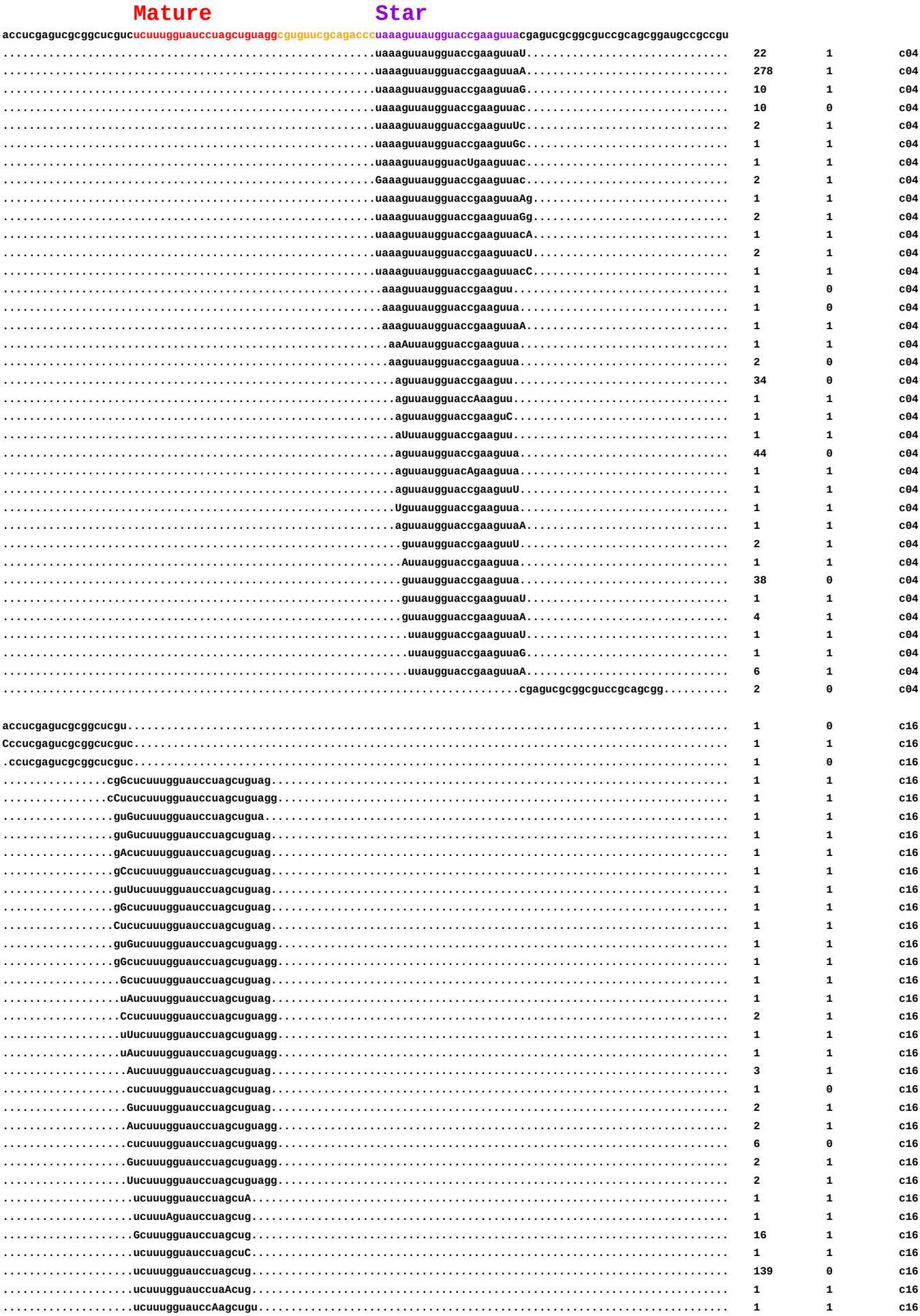
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.....ucuuugguauAcuagcugua.....	9	1	c16
.....ucuuuggAauccuagcugua.....	3	1	c16
.....ucuuugCuauccuagcugua.....	6	1	c16
.....ucuuuAguauccuagcugua.....	1	1	c16
.....ucuuugguauccuagcuguC.....	2	1	c16
.....ucuuugguauccuagcCgua.....	2	1	c16
.....ucuuugguauccuaCcugua.....	6	1	c16
.....uAuuugguauccuagcugua.....	3	1	c16
.....ucuuuUguauccuagcugua.....	6	1	c16
.....ucuCugguauccuagcugua.....	2	1	c16
.....ucuuugguauccuagcuCua.....	2	1	c16
.....ucuuugguauccGagcugua.....	1	1	c16
.....ucuuugguauUcuagcugua.....	1	1	c16
.....ucuuugguauccuUgcugua.....	2	1	c16
.....uGuuugguauccuagcugua.....	1	1	c16
.....ucuuugUuauccuagcugua.....	1	1	c16
.....ucuuugguauccuaUcugua.....	4	1	c16
.....ucuuugguauccuagcuguG.....	4	1	c16
.....ucuuugguaAccuagcugua.....	1	1	c16
.....ucuuugguauccuaCcuguag.....	40	1	c16
.....Gcuuugguauccuagcuguag.....	3724	1	c16
.....ucuuuggGauccuagcuguag.....	4	1	c16
.....ucuuugguauccuagAuguag.....	52	1	c16
.....ucuuAgguauccuagcuguag.....	25	1	c16
.....ucuuugguauUcuagcuguag.....	15	1	c16
.....ucuuugguaCccuagcuguag.....	4	1	c16
.....ucuuugguGuccuagcuguag.....	2	1	c16
.....ucuuugguauccuagcuguaU.....	63	1	c16
.....ucuuugguauAcuagcuguag.....	46	1	c16

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuauagguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

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.....ucuuugguauccuUgcuguag.....	5	1	c16
.....ucuuugguauccuagcuguag.....	34691	0	c16
.....ucGuugguauccuagcuguag.....	6	1	c16
.....ucuuugguauccuagcuguaA.....	78	1	c16
.....uUuuugguauccuagcuguag.....	21	1	c16
.....ucuuugUuauccuagcuguag.....	16	1	c16
.....ucuuugguauccuagcuUuag.....	14	1	c16
.....ucuuugguauccuagcuguaC.....	17	1	c16
.....ucuuugguaucAuagcuguag.....	70	1	c16
.....ucuuugguauccuaUcuguag.....	16	1	c16
.....ucuuugguauccuGgcuguag.....	13	1	c16
.....ucuuugguaucUuagcuguag.....	12	1	c16
.....uAuuugguauccuagcuguag.....	31	1	c16
.....ucuGugguauccuagcuguag.....	4	1	c16
.....ucuuugguCuccuagcuguag.....	21	1	c16
.....ucuuugguauccuagUuguag.....	6	1	c16
.....ucuuugguaGccuagcuguag.....	2	1	c16
.....ucuAugguauccuagcuguag.....	8	1	c16
.....Acuuugguauccuagcuguag.....	128	1	c16
.....ucuuugguauccuagcuAuag.....	7	1	c16
.....ucuuuUguauccuagcuguag.....	21	1	c16
.....ucuuugguauccuaAcuguag.....	5	1	c16
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.....ucuuugguauccuagcugAag.....	11	1	c16
.....ucuuGgguauccuagcuguag.....	2	1	c16
.....ucuuugguauccuagcAguag.....	13	1	c16
.....ucuuugguaucGuagcuguag.....	3	1	c16
.....ucuuugguauccuagcugCag.....	9	1	c16
.....ucuuugguauccuagcuguUg.....	4	1	c16
.....ucuuugguauccuagcuguGg.....	19	1	c16
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.....ucuuugguauGcuagcuguag.....	4	1	c16
.....ucuuugguauccAagcuguag.....	12	1	c16
.....ucuuuggAauccuagcuguag.....	18	1	c16
.....uGuuugguauccuagcuguag.....	8	1	c16
.....ucuuugguauccuagcCguag.....	13	1	c16
.....ucuuuAguauccuagcuguag.....	8	1	c16
.....ucuuuggCauccuagcuguag.....	15	1	c16
.....ucuuugguauccuagcGguag.....	5	1	c16
.....ucuuuCguauccuagcuguag.....	51	1	c16
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.....ucuuugguauccGagcuguag.....	5	1	c16
.....ucuuugguauccuagGuguag.....	2	1	c16
.....ucuuugguaAccuagcuguag.....	11	1	c16
.....ucuuCgguauccuagcuguag.....	7	1	c16
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.....Ccuuugguauccuagcuguag.....	12	1	c16
.....ucuuugguauccCagcuguag.....	9	1	c16
.....ucuuugguauccuCgcuguag.....	8	1	c16
.....ucuuugguauccuaUcuguagg.....	37	1	c16
.....ucuuugguauccuagcuguagA.....	110	1	c16
.....ucuuugguauccuCgcuguagg.....	17	1	c16
.....ucuuugguauccuagcGguagg.....	14	1	c16
.....ucuuugguauccuagcAguagg.....	19	1	c16
.....ucuuugguauAcuagcuguagg.....	113	1	c16
.....ucuuugguauccCagcuguagg.....	12	1	c16
.....ucuuugguauccuagcuUuagg.....	21	1	c16
.....ucuuugguauccuagcuguCgg.....	3	1	c16
.....ucuuugguauccuagcuCuagg.....	92	1	c16
.....ucAuugguauccuagcuguagg.....	35	1	c16
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.....ucuuugguGuccuagcuguagg.....	10	1	c16
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.....ucuuugguauccuagcuguaAg.....	9	1	c16
.....ucuuugguauccuaCcuguagg.....	78	1	c16
.....ucuuuUguauccuagcuguagg.....	36	1	c16

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuauggguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

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.....ucuuugCuauccuagcuguagg.....	104	1	c16
.....ucuuugguauccuUgcuguagg.....	2	1	c16
.....ucuuugguaAccuagcuguagg.....	12	1	c16
.....ucuuugguCuccuagcuguagg.....	32	1	c16
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.....ucuGugguauccuagcuguagg.....	8	1	c16
.....ucCuugguauccuagcuguagg.....	15	1	c16
.....ucuuuAguauccuagcuguagg.....	11	1	c16
.....ucuuugguauccuagcuguagC.....	58	1	c16
.....ucuCugguauccuagcuguagg.....	10	1	c16
.....ucuuugguauccuaAcuguagg.....	6	1	c16
.....ucuuugguauccuagcuAuagg.....	10	1	c16
.....ucuuCgguauccuagcuguagg.....	23	1	c16
.....ucuuuCguauccuagcuguagg.....	115	1	c16
.....ucuuugguauccuagGuguagg.....	9	1	c16
.....ucuuugguaGccuagcuguagg.....	9	1	c16
.....ucuuugguauccGagcuguagg.....	16	1	c16
.....ucuuugguauccuagcuguUgg.....	13	1	c16
.....ucuuAgguauccuagcuguagg.....	43	1	c16
.....ucuuuggAauccuagcuguagg.....	31	1	c16
.....ucuuugguauGcuagcuguagg.....	11	1	c16
.....ucuuugguauUcuagcuguagg.....	16	1	c16
.....ucGuugguauccuagcuguagg.....	10	1	c16
.....ucuuugAuauccuagcuguagg.....	8	1	c16
.....ucuuugguauccuagcugCagg.....	25	1	c16
.....Ccuuugguauccuagcuguagg.....	20	1	c16
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.....uUuuugguauccuagcuguagg.....	42	1	c16
.....ucuuugguaucUuagcuguagg.....	15	1	c16
.....ucuuugguauccuagcCguagg.....	21	1	c16
.....ucuuugguauccuagUuguagg.....	6	1	c16
.....ucuuugguauccuagcuguGgg.....	30	1	c16
.....ucuuugguauccuagcuguaUg.....	39	1	c16
.....ucuuugUuauccuagcuguagg.....	25	1	c16
.....ucuuugguauccuagcuguagU.....	190	1	c16
.....ucuuuggCauccuagcuguagg.....	16	1	c16
.....ucuuugguauccAagcuguagg.....	27	1	c16
.....uGuuugguauccuagcuguagg.....	29	1	c16
.....ucuuugguauccuagcuguagg.....	67933	0	c16
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.....ucuuugguauccuagAuguagg.....	101	1	c16
.....ucuuugguUuccuagcuguagg.....	8	1	c16
.....ucuuuggGauccuagcuguagg.....	4	1	c16
.....ucuAugguauccuagcuguagg.....	25	1	c16
.....Acuuugguauccuagcuguagg.....	228	1	c16
.....uAuuugguauccuagcuguagg.....	68	1	c16
.....ucuuugguauccuagcuguaggc.....	99	0	c16
.....ucuuugguauccuagcuguagCc.....	4	1	c16
.....ucuuugguauccuagcuguaUgc.....	1	1	c16
.....ucuuugguauccuagcuguagUc.....	1	1	c16
.....ucuuugguauccuagcuguaggA.....	1016	1	c16
.....ucuuugguauccuagcuguaggU.....	733	1	c16
.....ucuuugguauccuagcuguagAc.....	1	1	c16
.....Gcuuugguauccuagcuguaggc.....	8	1	c16
.....ucuuugguauccuagcuguaggG.....	74	1	c16
.....ucuuugguauccuagcuguGggc.....	1	1	c16
.....ucuuugguauccuagcuguaggcA.....	6	1	c16
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.....ucuuugguauccuagcuguaggGg.....	10	1	c16
.....ucuuugguauccuagcuguaggcC.....	7	1	c16
.....ucuuugguauccuagcuguaggAg.....	9	1	c16
.....ucuuugguauccuagcuguaggUg.....	5	1	c16
.....ucuuugguauccuagcuguaggcU.....	13	1	c16
.....ucuuugguauccuagcuguaggUgu.....	1	1	c16
.....ucuuugguauccuagcuguaggGgu.....	1	1	c16
.....ucuuugguauccuagcuguaggAgu.....	4	1	c16
.....ucuuugguauccuagcuguaggcgu.....	2	0	c16

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuauagguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....ucuuugguauccuagcuguaggcgC.....	1	1	c16
.....ucuuugguauccuagcuguaggcAu.....	2	1	c16
.....ucuuugguauccuagcuguaggcgug.....	5	0	c16
.....ucuuugguauccuagcuguaggcgGg.....	2	1	c16
.....ucuuugguauccuagcuguaggcguguucgcagacccu.....	1	0	c16
.....cuuugguauccuagcugu.....	7	0	c16
.....cuuugguauccuagcugua.....	17	0	c16
.....Guuugguauccuagcugua.....	1	1	c16
.....cuuugguauccuagcuguU.....	1	1	c16
.....cuuugguauccuagcuguag.....	322	0	c16
.....cuuuggAauccuagcuguag.....	1	1	c16
.....cuuuggGauccuagcuguag.....	1	1	c16
.....cuuugguauccuagcuguaA.....	2	1	c16
.....cuuAgguauccuagcuguag.....	1	1	c16
.....cuuugguCuccuagcuguag.....	1	1	c16
.....Auuugguauccuagcuguag.....	1	1	c16
.....cuuugCuauccuagcuguag.....	1	1	c16
.....cuuugguaAccuagcuguag.....	1	1	c16
.....cuuugguauccuagcuguaU.....	1	1	c16
.....cuuugguauccuagcuguaC.....	1	1	c16
.....Guuugguauccuagcuguag.....	1	1	c16
.....cCuugguauccuagcuguag.....	1	1	c16
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.....cuuuCguauccuagcuguag.....	3	1	c16
.....cuuugguauccuagcugAag.....	1	1	c16
.....cuuugguauccuagAuguag.....	1	1	c16
.....cuuugguaucAuagcuguagg.....	1	1	c16
.....cuuugguauccuagAuguagg.....	1	1	c16
.....cuuugguauccuagcuguagg.....	457	0	c16
.....cuuugguauccuagcuCuagg.....	2	1	c16
.....cuuuCguauccuagcuguagg.....	1	1	c16
.....cuuugguauccAagcuguagg.....	1	1	c16
.....cuuugguauccuagcuguagA.....	3	1	c16
.....cCuugguauccuagcuguagg.....	1	1	c16
.....cAuugguauccuagcuguagg.....	2	1	c16
.....cuuugguauccuagcugCagg.....	1	1	c16
.....cuAugguauccuagcuguagg.....	1	1	c16
.....cuuuggCauccuagcuguagg.....	1	1	c16
.....cuuuAguauccuagcuguagg.....	1	1	c16
.....cuuugguauAcuagcuguagg.....	1	1	c16
.....cuuugguauccuagcuguagU.....	1	1	c16
.....Auuugguauccuagcuguagg.....	1	1	c16
.....cuuuUguauccuagcuguagg.....	1	1	c16
.....cuCugguauccuagcuguagg.....	1	1	c16
.....cuuugCuauccuagcuguagg.....	1	1	c16
.....cuuugguauccuagcuguaggU.....	6	1	c16
.....cuuugguauccuagcuguaggc.....	10	0	c16
.....cuuugguauccuagcuguaggA.....	6	1	c16
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.....cuuugguauccuagcuguaggcA.....	1	1	c16
.....cuuugguauccuagcuguaggcU.....	1	1	c16
.....Guugguauccuagcugua.....	1	1	c16
.....uuugguauccuagcugua.....	15	0	c16
.....uuugguauccuagcuguU.....	1	1	c16
.....Cuugguauccuagcuguag.....	1	1	c16
.....Auugguauccuagcuguag.....	2	1	c16
.....uuugguauccuagcuguag.....	179	0	c16
.....Guugguauccuagcuguag.....	19	1	c16
.....uuugguauGcuagcuguag.....	1	1	c16
.....uuugguauccuagcuAuag.....	1	1	c16
.....uuugguaucAuagcuguag.....	1	1	c16
.....uuugguauccuagcuguaA.....	1	1	c16
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.....uCugguauccuagcuguagg.....	2	1	c16
.....Auugguauccuagcuguagg.....	1	1	c16
.....uuugguauccuagcuguagU.....	1	1	c16
.....Guugguauccuagcuguagg.....	36	1	c16
.....uuugguauccuaCcuguagg.....	2	1	c16
.....uuugguaAccuagcuguagg.....	1	1	c16
.....uuugguauccuagcuguagg.....	326	0	c16

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....uuugguauccuagcuguUgg.....	1	1	c16
.....Cuugguauccuagcuguagg.....	1	1	c16
.....uuugCuauccuagcuguagg.....	1	1	c16
.....uuugguauccuagcuguaggU.....	1	1	c16
.....uuugguauccuagcuguaggA.....	5	1	c16
.....uuugguauccuagcuguaggcg.....	1	0	c16
.....uugUuauccuagcuguag.....	1	1	c16
.....uAgguauccuagcuguag.....	1	1	c16
.....uugguauccuagcuguag.....	104	0	c16
.....uugguauccuagcuCuag.....	1	1	c16
.....Gugguauccuagcuguag.....	6	1	c16
.....Gugguauccuagcuguagg.....	32	1	c16
.....uugguauccuagcuguagg.....	280	0	c16
.....Augguauccuagcuguagg.....	3	1	c16
.....uugguauccuagcuguagU.....	1	1	c16
.....uuUguauccuagcuguagg.....	2	1	c16
.....uugguauccuagcCguagg.....	2	1	c16
.....uugguauccuCgcuguagg.....	1	1	c16
.....uugguauccAagcuguagg.....	1	1	c16
.....uugguauccuagcuguaggA.....	2	1	c16
.....uugguauccuagcuguaggU.....	2	1	c16
.....uugguauccuagcuguaggG.....	1	1	c16
.....Ggguauccuagcuguagg.....	8	1	c16
.....ugguauccuagcuCuagg.....	1	1	c16
.....ugguauccuaCcuguagg.....	1	1	c16
.....Agguauccuagcuguagg.....	1	1	c16
.....ugguauccuagcuguagg.....	78	0	c16
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.....gguauccuagcuguaggc.....	1	0	c16
.....cGcuaaaguuaugguaccgaaguua.....	1	1	c16
.....ccuaaaguuaugguaccgaaguua.....	1	0	c16
.....cuaaaguuaugguCccgaagu.....	1	1	c16
.....cuaaaguuaugguaccgaagu.....	4	0	c16
.....cuaaaguuaugguaccgaaguu.....	21	0	c16
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.....Aaaaguuaugguaccgaa.....	1	1	c16
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.....Gaaaguuaugguaccgaa.....	21	1	c16
.....uaaaguuaugguaccgaa.....	135	0	c16
.....uaaaguuauCguaccgaa.....	1	1	c16
.....uaaaguuaugguacAgaag.....	3	1	c16
.....uaaaguuaugguaccUaag.....	1	1	c16
.....uaaaguuaugguaccgaaU.....	1	1	c16
.....uaaaguuaugguaccgaaC.....	1	1	c16
.....uaaaguuaugguCccgaag.....	1	1	c16
.....uaaaguuaugguacUgaag.....	1	1	c16
.....Gaaaguuaugguaccgaag.....	61	1	c16
.....Aaaaguuaugguaccgaag.....	3	1	c16
.....uaaaguuaugguaccgaaA.....	1	1	c16
.....uaaaguGaugguaccgaag.....	1	1	c16
.....uaaaguuaugguaccgaag.....	458	0	c16
.....uaaaguuaugCuaccgaag.....	1	1	c16
.....uaaaguuaugguaccCaagu.....	1	1	c16
.....uaaaguuauggCaccgaagu.....	1	1	c16
.....uaaaguuaugguaccgaagA.....	2	1	c16
.....Gaaaguuaugguaccgaagu.....	96	1	c16
.....uaaaguuaugguCccgaagu.....	2	1	c16
.....uaaaguuaugguaccgCagu.....	1	1	c16
.....uaaaCuuaugguaccgaagu.....	3	1	c16
.....uaaaguuauUguaccgaagu.....	2	1	c16
.....uaaaguuaugguaccgaagu.....	915	0	c16
.....uaaaguuaugCuaccgaagu.....	4	1	c16
.....uaaaguuaugguaccgaaUu.....	2	1	c16
.....uaaaguuaugguacUgaagu.....	1	1	c16
.....uaaaguuaugguacAgaagu.....	2	1	c16
.....Aaaaguuaugguaccgaagu.....	7	1	c16

Mature Star

accucgagucgcggcucgucucuuuggguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....uaaaguuaugguUccgaagu.....	1	1	c16
.....uaaUguuaugguaccgaagu.....	1	1	c16
.....uaaaguuaugguacGgaaguu.....	1	1	c16
.....uaaaguuauggAaccgaaguu.....	2	1	c16
.....uaaaguuaugguaccgaaguA.....	7	1	c16
.....uaaaguuaugCuaccgaaguu.....	12	1	c16
.....uaaaguuaugguaccgaagCu.....	1	1	c16
.....uaaGguuaugguaccgaaguu.....	1	1	c16
.....uaaaguuaugguaccAaaguu.....	1	1	c16
.....uaaaguuauggCaccgaaguu.....	1	1	c16
.....uaaaguuaugguaccgUaguu.....	1	1	c16
.....uGaaguuaugguaccgaaguu.....	2	1	c16
.....uaaaguuaugguGccgaaguu.....	2	1	c16
.....uaaaguuaugguaccgCaguu.....	5	1	c16
.....uaaUguuaugguaccgaaguu.....	1	1	c16
.....uaaaguuaugUuaccgaaguu.....	1	1	c16
.....uaaaguuaugguaccgaaCuu.....	3	1	c16
.....uaaaguuaugguaccCaaguu.....	2	1	c16
.....uaaaguuaugguaccgaGguu.....	2	1	c16
.....uaaaguuaugguacUgaaguu.....	5	1	c16
.....uaaaguuaugguaccgaagGu.....	2	1	c16
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.....uaaaguuaugguaAcgaaguu.....	9	1	c16
.....uaaaguuaugguaccgaaguG.....	1	1	c16
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.....Caaaguuaugguaccgaaguu.....	1	1	c16
.....uaaaguuaugguaccgaaUuu.....	4	1	c16
.....uaaaguuauCguaccgaaguu.....	6	1	c16
.....uaaaguuauUguaccgaaguu.....	2	1	c16
.....uaaaguuaAgguaccgaaguu.....	4	1	c16
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.....uaaaguuaGgguaccgaaguu.....	4	1	c16
.....uaaaguuaugguacAgaaguu.....	26	1	c16
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.....uaaaguuaugguUccgaaguu.....	2	1	c16
.....uaaaguuaugguaccgaagAu.....	3	1	c16
.....uaaaguGaugguaccgaaguu.....	2	1	c16
.....uaaaguuaugguaccgaUguu.....	1	1	c16
.....uaaaCuuaugguaccgaaguu.....	3	1	c16
.....uaaagAuaugguaccgaaguu.....	6	1	c16
.....uaGaguuaugguaccgaaguu.....	1	1	c16
.....Gaaaguuaugguaccgaaguu.....	640	1	c16
.....uaaaguuaugguaGcgaaguu.....	1	1	c16
.....uaaaguuaugguaccgaaguC.....	2	1	c16
.....uaaaguuaugguaccgaaguu.....	5497	0	c16
.....uaaaguAaugguaccgaaguu.....	1	1	c16
.....uaaaguuaugguacUgaaguua.....	10	1	c16
.....uaaaguuaGgguaccgaaguua.....	2	1	c16
.....uaaaguAaugguaccgaaguua.....	8	1	c16
.....uaaaguuauggCaccgaaguua.....	5	1	c16
.....uaaaguuaugguaccgaagCua.....	1	1	c16
.....uaaaguuaugguaccgaaguAa.....	4	1	c16
.....uaaaguuaugguaccUaaguua.....	10	1	c16
.....uaaaguuaugguaUcgaaguua.....	3	1	c16
.....uaaaguuaugguaGcgaaguua.....	9	1	c16
.....uaaaguuaugCuaccgaaguua.....	25	1	c16
.....uaUaguuaugguaccgaaguua.....	2	1	c16
.....uaaagGuaugguaccgaaguua.....	2	1	c16
.....uaaaguuaugguaccgaaguuC.....	14	1	c16
.....uaaaguuaAgguaccgaaguua.....	2	1	c16
.....uaaaguuauUguaccgaaguua.....	9	1	c16
.....uaaaguuaugguaccgCaguua.....	5	1	c16
.....uaaaguuaugguUccgaaguua.....	4	1	c16
.....uaaGguuaugguaccgaaguua.....	3	1	c16
.....uaaaguuaugguaccgaaCuua.....	20	1	c16
.....uaaaguuauggGaccgaaguua.....	1	1	c16
.....uGaaguuaugguaccgaaguua.....	2	1	c16
.....uaaaguuaugguaccgaUguua.....	2	1	c16
.....uaaaguuauCguaccgaaguua.....	20	1	c16

Mature Star

accucgagucgcggcucgucucuuuggguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....uaaaguuaugguaccgaaUuua.....	9	1	c16
.....Caaaguuaugguaccgaaguua.....	5	1	c16
.....uaaaguGaugguaccgaaguua.....	2	1	c16
.....uaaaCuuaugguaccgaaguua.....	12	1	c16
.....uaaagCuaugguaccgaaguua.....	1	1	c16
.....uaaagAuaugguaccgaaguua.....	22	1	c16
.....uaaaguuaugguaccCaaguua.....	9	1	c16
.....uaaaguuauAguaccgaaguua.....	2	1	c16
.....uaaaguuaugguaccgaaguuG.....	5	1	c16
.....uaaaguuaugguacGgaaguua.....	1	1	c16
.....uaaaguuaugguacAgaaguua.....	80	1	c16
.....Gaaaguuaugguaccgaaguua.....	1666	1	c16
.....uaaaguuaugguaccgaaguCa.....	2	1	c16
.....uaaaguuGugguaccgaaguua.....	1	1	c16
.....uaaaguuaugUuaccgaaguua.....	6	1	c16
.....uaaaguuaugguaccgaaguuU.....	284	1	c16
.....uaaaUuuaugguaccgaaguua.....	2	1	c16
.....uaaaguuaugguaAcgaaguua.....	14	1	c16
.....uaaaguuaugguaccgaaguGa.....	3	1	c16
.....Aaaaguuaugguaccgaaguua.....	75	1	c16
.....uaaaguuaugguaccgaagAua.....	8	1	c16
.....uaaaguuauggAaccgaaguua.....	9	1	c16
.....uaaaguCaugguaccgaaguua.....	2	1	c16
.....uaaaguuaugguGccgaaguua.....	4	1	c16
.....uaaaguuaugguaccgaGguua.....	7	1	c16
.....uaaaguuaugguaccAaaguua.....	3	1	c16
.....uaaaguuaCgguaccgaaguua.....	6	1	c16
.....uaaaguuUugguaccgaaguua.....	1	1	c16
.....uaaaguuaugguCccgaaguua.....	10	1	c16
.....uaaaguuaugguaccgaaguua.....	13958	0	c16
.....uaaaguuaugAuaccgaaguua.....	1	1	c16
.....uaaaguuaugguaccgaaguuaG.....	20	1	c16
.....uaaaguuaugguaccgaaguuGc.....	1	1	c16
.....uaaaguuaugguaccgaaguuCc.....	2	1	c16
.....uaaagAuaugguaccgaaguuac.....	1	1	c16
.....Gaaaguuaugguaccgaaguuac.....	1	1	c16
.....uaaaguuaugguaccgaaguuaU.....	163	1	c16
.....uaaaguuaugguaccgaaguuUc.....	2	1	c16
.....uaaaUuuaugguaccgaaguuac.....	1	1	c16
.....uaaaguuaugguaccgaaguuaA.....	769	1	c16
.....uaaaguuaugguaccgaaguuac.....	14	0	c16
.....uaaaguuaugguaccgaaguuaGg.....	1	1	c16
.....uaaaguuaugguaccgaaguuaAg.....	1	1	c16
.....uaaaguuaugguaccgaaguuacgU.....	1	1	c16
.....aaaguuaugguaccgaagu.....	1	0	c16
.....Uaaguuaugguaccgaagu.....	1	1	c16
.....aaaguuaugguaccgaaguu.....	3	0	c16
.....aaaguuaugCuaccgaaguu.....	1	1	c16
.....Uaaguuaugguaccgaaguua.....	2	1	c16
.....aaaguuaugguaccgaaguua.....	3	0	c16
.....aaaguuaugguaccgaaguuaA.....	1	1	c16
.....aaguuaugguaccgaagu.....	1	0	c16
.....aaguuaugguaccgaaguu.....	2	0	c16
.....aaguuaugguaccgaaguua.....	2	0	c16
.....aguuaugguaccgaaguA.....	1	1	c16
.....Cguuaugguaccgaaguu.....	3	1	c16
.....aguuaugguaccgaaguu.....	108	0	c16
.....aguuaAgguaccgaaguu.....	1	1	c16
.....Cguuaugguaccgaaguua.....	16	1	c16
.....aguuaugguaGcgaaguua.....	1	1	c16
.....aguuaugguaccgaaguuU.....	4	1	c16
.....aguuaugguacAgaaguua.....	1	1	c16
.....aguuaugguaccgaaguua.....	194	0	c16
.....aguuaugguaccgaaguuaU.....	5	1	c16
.....aguuaugguaccgaaguuaA.....	4	1	c16
.....aguuaugguaccgaaguuaG.....	1	1	c16
.....guuaugguaccgaUguua.....	1	1	c16
.....guuaugCuaccgaaguua.....	3	1	c16
.....Uuuaugguaccgaaguua.....	2	1	c16
.....Cuuaugguaccgaaguua.....	1	1	c16

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....guuaugguaccgaaguuU.....	2	1	c16
.....guuaugguaccgaaguua.....	98	0	c16
.....guuaugguaccgCaguua.....	1	1	c16
.....guuaugguaccgaaguuaU.....	3	1	c16
.....guuaugguaccgaaguuaA.....	9	1	c16
.....uuaugguaccgaaguuaU.....	2	1	c16
.....uuaugguaccgaaguuaG.....	1	1	c16
.....uuaugguaccgaaguuaA.....	11	1	c16
..cucgagucgcggcucgucucuu.....	1	0	c15
...ucgagucgcggcucgucucA.....	1	1	c15
.....ucucuuugguauccuagcug.....	1	0	c15
.....Uucuuugguauccuagcug.....	1	1	c15
.....cucuuugguauccuagcuguagg.....	3	0	c15
.....ucuuugguauccuagcuA.....	9	1	c15
.....ucuuCgguauccuagcug.....	1	1	c15
.....ucuuugguauccuagcug.....	230	0	c15
.....ucuuugguauccuagcugu.....	52	0	c15
.....uGuuugguauccuagcugua.....	1	1	c15
.....ucuuugguauccuagcugua.....	201	0	c15
.....ucuuugguauccuagcuguU.....	1	1	c15
.....Acuuugguauccuagcugua.....	1	1	c15
.....ucuuugguauccuagcuguaC.....	4	1	c15
.....ucuuugguauUcuagcuguag.....	1	1	c15
.....ucuuugguauccuagUuguag.....	2	1	c15
.....ucuuugguauccuagcuguaA.....	17	1	c15
.....ucuuuggCauccuagcuguag.....	1	1	c15
.....ucuuuggAauccuagcuguag.....	1	1	c15
.....ucuuugguauccuagcuguag.....	603	0	c15
.....ucuuugguauccuagcuguaU.....	62	1	c15
.....ucuuugguauAcuagcuguagg.....	2	1	c15
.....uGuuugguauccuagcuguagg.....	3	1	c15
.....ucuuugguauccuagcuguagU.....	309	1	c15
.....ucuuugguauUcuagcuguagg.....	3	1	c15
.....ucuuuAguauccuagcuguagg.....	1	1	c15
.....ucuuugguauccuagGuguagg.....	1	1	c15
.....ucuuugguauccCagcuguagg.....	1	1	c15
.....ucuuugguauccuaCcuguagg.....	1	1	c15
.....ucuuugguauccuGgcuguagg.....	2	1	c15
.....ucuCugguauccuagcuguagg.....	1	1	c15
.....ucuuugguauccuagcCguagg.....	1	1	c15
.....uUuuugguauccuagcuguagg.....	4	1	c15
.....ucuuugguauccuagcugAagg.....	2	1	c15
.....ucuuuggGauccuagcuguagg.....	9	1	c15
.....ucGuugguauccuagcuguagg.....	1	1	c15
.....ucuuugguauccuaAcuguagg.....	1	1	c15
.....ucuuugguauccAagcuguagg.....	2	1	c15
.....ucuuugguauccuagcugCagg.....	1	1	c15
.....ucuuugguauccuaUcuguagg.....	1	1	c15
.....Acuuugguauccuagcuguagg.....	4	1	c15
.....ucuuugguauccuagcuguagg.....	4797	0	c15
.....ucuuugguauccuagcGguagg.....	1	1	c15
.....ucuuugguauccGagcuguagg.....	2	1	c15
.....ucuuugguauccuagcuguagA.....	35	1	c15
.....ucuuuUguauccuagcuguagg.....	1	1	c15
.....ucuuugguauccuUgcuguagg.....	1	1	c15
.....uAuuugguauccuagcuguagg.....	3	1	c15
.....ucuuuggAauccuagcuguagg.....	3	1	c15
.....ucuuugguauccuagcuguUgg.....	4	1	c15
.....ucuuugguauccuagcuguagC.....	26	1	c15
.....ucuuuggCauccuagcuguagg.....	1	1	c15
.....ucuuugguaCccuagcuguagg.....	2	1	c15
.....ucuuugguaucGuagcuguagg.....	1	1	c15
.....ucuuCgguauccuagcuguagg.....	2	1	c15
.....ucuuugguauccuagcuguGgg.....	6	1	c15
.....ucuuugguaucUuagcuguagg.....	1	1	c15
.....ucuuugguauccuagcuguaggG.....	1	1	c15
.....ucuuugguauccuagcuguaggc.....	6	0	c15
.....ucuuugguauccuagcuguaggU.....	283	1	c15
.....ucuuugguauccuagcuguaggA.....	48	1	c15

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....ucuuugguauccuagcuguagUc.....	1	1	c15
.....ucuuugguauccuagcuguaggcA.....	1	1	c15
.....ucuuugguauccuagcuguaggcU.....	2	1	c15
.....ucuuugguauccuagcuguaggcgu.....	1	0	c15
.....ucuuugguauccuagcuguaggcgugu.....	1	0	c15
.....cuuugguauccuagcuguaggc.....	1	0	c15
.....Auugguauccuagcuguagg.....	1	1	c15
.....uuugguauccuagcuguaggcU.....	1	1	c15
.....uugguauccuagcuguagg.....	2	0	c15
.....ugguauccuagcuguagg.....	3	0	c15
.....uauccuagcuguaggcgugu.....	1	0	c15
.....cuagcuguGggcguguucgc.....	1	1	c15
.....uagcuguaggcguguucgca.....	1	0	c15
.....cuaaaguuaugguaccgaagu.....	1	0	c15
.....cuaaaguuaugguaccgaaguu.....	6	0	c15
.....cuaaaguuaugguaccgaaguuU.....	5	1	c15
.....cuaaaguuaugguaccgaaguua.....	1	0	c15
.....uaaaguuaugguaccgaa.....	19	0	c15
.....uaaaguuaugguaccgaag.....	17	0	c15
.....uaaaguuaugguaccgaagu.....	89	0	c15
.....uGaaguuaugguaccgaagu.....	1	1	c15
.....uaaaguuaugguaccgaagA.....	1	1	c15
.....uaaaguuauggGaccgaaguu.....	1	1	c15
.....uaaaguuaugguacUgaaguu.....	1	1	c15
.....uaaaguuauAguaccgaaguu.....	1	1	c15
.....uaaUguuaugguaccgaaguu.....	1	1	c15
.....uaaaguuaugguaccgaCguu.....	1	1	c15
.....uGaaguuaugguaccgaaguu.....	1	1	c15
.....uaaaguuCugguaccgaaguu.....	1	1	c15
.....uaaaguuaugguaccgaaguu.....	1887	0	c15
.....uaaaguuauggAaccgaaguu.....	2	1	c15
.....uaaaguuaugguGccgaaguu.....	1	1	c15
.....uaaagCuaugguaccgaaguu.....	2	1	c15
.....uaaaguuaugUuaccgaaguu.....	1	1	c15
.....uaaaguuaugguaccgaaUuu.....	1	1	c15
.....Caaaguuaugguaccgaaguu.....	1	1	c15
.....uaaaguuaugguaccgaagCu.....	1	1	c15
.....uaaaguuaugguaccgaaguC.....	1	1	c15
.....uaaaguuaugguaccgaGguu.....	1	1	c15
.....uaaaguuauggCaccgaaguu.....	1	1	c15
.....uaaaguuaugguaccgaaguA.....	1	1	c15
.....uaaaguuauCguaccgaaguu.....	1	1	c15
.....uaaagGuaugguaccgaaguu.....	1	1	c15
.....uaaaguuaugguaccgaaguuC.....	20	1	c15
.....uaaaguuaugguacUgaaguua.....	12	1	c15
.....uaaaguuauggAaccgaaguua.....	3	1	c15
.....uaaagAuaugguaccgaaguua.....	11	1	c15
.....uaaaguuaugguaccCaaguua.....	1	1	c15
.....uaaaguuaugguaUcgaaguua.....	3	1	c15
.....uaaaguuaugguaccAaaguua.....	2	1	c15
.....uaaaguuaugAuaccgaaguua.....	2	1	c15
.....uaaaguuaugguacAgaaguua.....	2	1	c15
.....uaaaguuaugguCccgaaguua.....	1	1	c15
.....uaaagGuaugguaccgaaguua.....	9	1	c15
.....uaaaguuaugguaccgaagAua.....	11	1	c15
.....uaaaguuaugguaccgaaguCa.....	19	1	c15
.....uaaaAuuaugguaccgaaguua.....	1	1	c15
.....uaaaguuaCgguaccgaaguua.....	2	1	c15
.....uaaaguuaugguaccgaaguuU.....	594	1	c15
.....uaaaguuaugguaccgaaguua.....	13416	0	c15
.....uaaaguuaugguaccgaCguua.....	1	1	c15
.....uaaaguuauggGaccgaaguua.....	4	1	c15
.....uaaaguuauUguaccgaaguua.....	1	1	c15
.....Aaaaguuaugguaccgaaguua.....	6	1	c15
.....uUaaguuaugguaccgaaguua.....	5	1	c15
.....uaUaguuaugguaccgaaguua.....	2	1	c15
.....uaaaguuaugguaccgaagCua.....	5	1	c15
.....uaaaguuaugCuaccgaaguua.....	1	1	c15
.....uaaaguuaugguaccgaagGua.....	6	1	c15
.....uaaaguuaugguaccgaUguua.....	6	1	c15

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....uaaaguuaugguaccUaaguua.....	2	1	c15
.....uaaaguuaugguUccgaaguua.....	3	1	c15
.....uaaaguuaugguaccgaaAuua.....	3	1	c15
.....uaaaUuuaugguaccgaaguua.....	2	1	c15
.....uaaaguuauggCaccgaaguua.....	9	1	c15
.....uaaaguuGugguaccgaaguua.....	2	1	c15
.....uaaaguuauAguaccgaaguua.....	2	1	c15
.....Caaaguuaugguaccgaaguua.....	5	1	c15
.....uaaaguuaugguGccgaaguua.....	3	1	c15
.....uGaaguuaugguaccgaaguua.....	16	1	c15
.....uaaaguuaugguaccgaaguuG.....	2	1	c15
.....uaaaguuaugUuaccgaaguua.....	2	1	c15
.....uaaaguuaugguaccgaaUuua.....	3	1	c15
.....uaaaguuaAgguaccgaaguua.....	2	1	c15
.....uaaUguuaugguaccgaaguua.....	1	1	c15
.....uaaagCuaugguaccgaaguua.....	5	1	c15
.....uaaaguuaugguaccgaaguuaA.....	1065	1	c15
.....uaaaguuaugguaccgaaguuac.....	9	0	c15
.....uaaaguuaugguaccgaaguuaU.....	401	1	c15
.....uaaaguuaugguaccgaaguuaG.....	8	1	c15
.....uaaaguuaugguaccgaaguuacA.....	1	1	c15
.....aaaguuaugguaccgaaguu.....	1	0	c15
.....aaaguuGugguaccgaaguu.....	1	1	c15
.....Uaaguuaugguaccgaaguua.....	1	1	c15
.....aaaguuaugguaccgaaguua.....	19	0	c15
.....aaaguuaugguaccgaaguuU.....	1	1	c15
.....aaaguuaugguaccgaaguuaA.....	1	1	c15
.....aaguuaugguaccgaaguua.....	1	0	c15
.....aguuaugguaccgaaguua.....	2	0	c15
.....aguuaugguaccgaagAua.....	1	1	c15
.....guuaugguaccgaaguua.....	2	0	c15
.....guuaugguaccgaaguuU.....	1	1	c15
.....guuaugguaccgaaguuaU.....	1	1	c15
.....aaguuGcgagucgcggcguc.....	1	1	c15
.....cgagucgcggcguccgca.....	1	0	c15
.....cgagucgcggcguccgcagc.....	1	0	c15
.....cgagucgcggcguccgcagcgA.....	1	1	c15
.....cgagucgcggcguccgcagcgg.....	7	0	c15

.....guGucuuugguauccuagcuguagg.....	1	1	c02
.....Gcucuuugguauccuagcuguag.....	1	1	c02
.....Aucuuugguauccuagcuguag.....	1	1	c02
.....Gucuuugguauccuagcuguag.....	1	1	c02
.....ucuuugguauccuagcuU.....	2	1	c02
.....uGuuugguauccuagcug.....	1	1	c02
.....ucuuugguauccuagcuA.....	2	1	c02
.....ucuuugguauccuagcug.....	30	0	c02
.....Gcuuugguauccuagcug.....	4	1	c02
.....ucuuugguauccuaCcugu.....	1	1	c02
.....ucuuugguauccuagcugu.....	286	0	c02
.....Ccuuugguauccuagcugu.....	1	1	c02
.....Gcuuugguauccuagcugu.....	31	1	c02
.....ucuuugguauAcuagcugu.....	2	1	c02
.....ucuuuCguauccuagcugu.....	1	1	c02
.....Acuuugguauccuagcugu.....	1	1	c02
.....ucuuugguaucAuagcugu.....	1	1	c02
.....ucuuugCuauccuagcugua.....	1	1	c02
.....ucuuugguaucAuagcugua.....	1	1	c02
.....ucuuuCguauccuagcugua.....	2	1	c02
.....ucuuugguauccuagcCgua.....	1	1	c02
.....ucuuugguCuccuagcugua.....	1	1	c02
.....ucuuAgguauccuagcugua.....	1	1	c02
.....ucuuugUuauccuagcugua.....	1	1	c02
.....ucuuugguauccuagAugua.....	4	1	c02
.....ucuuugguauccuagcuCua.....	2	1	c02
.....ucuuugguauccuagGugua.....	1	1	c02
.....ucuuugguauAcuagcugua.....	1	1	c02
.....ucGuugguauccuagcugua.....	1	1	c02
.....ucuAugguauccuagcugua.....	1	1	c02
.....ucuuugguauccuagcugCa.....	1	1	c02

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuauagguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....ucuuugguauccuaUcugua.....	2	1	c02
.....ucuuugguauccuCgcugua.....	1	1	c02
.....Gcuuugguauccuagcugua.....	120	1	c02
.....uAuuugguauccuagcugua.....	3	1	c02
.....Acuuugguauccuagcugua.....	3	1	c02
.....ucuuugguaGccuagcugua.....	1	1	c02
.....ucuuugguauccuaCcugua.....	1	1	c02
.....ucuuugguGuccuagcugua.....	1	1	c02
.....ucuuugguauccuagcugua.....	1182	0	c02
.....ucuuuUguauccuagcugua.....	1	1	c02
.....ucuuugguauccuagcugAa.....	1	1	c02
.....ucuuugguauccuagcuguU.....	10	1	c02
.....Ccuuugguauccuagcuguag.....	3	1	c02
.....ucuuuggGauccuagcuguag.....	1	1	c02
.....ucuuugguauccAagcuguag.....	6	1	c02
.....ucuuugguauccuaAcuguag.....	2	1	c02
.....ucuuugguauccuUgcuguag.....	1	1	c02
.....ucuuugguauccuagcuCuag.....	18	1	c02
.....ucuuAgguauccuagcuguag.....	15	1	c02
.....ucuuugguauccuGgcuguag.....	6	1	c02
.....ucuuuCguauccuagcuguag.....	19	1	c02
.....ucuuugguauccGagcuguag.....	3	1	c02
.....ucuuugguGuccuagcuguag.....	5	1	c02
.....ucuuugguaucGuagcuguag.....	1	1	c02
.....ucuuugguauccuagcugCag.....	6	1	c02
.....ucCuuugguauccuagcuguag.....	7	1	c02
.....ucuuugguauGcuagcuguag.....	3	1	c02
.....ucuuugguauccuagcCguag.....	3	1	c02
.....ucuuuggAauccuagcuguag.....	6	1	c02
.....ucuuuggCauccuagcuguag.....	10	1	c02
.....ucuuugguauccuagcAguag.....	6	1	c02
.....ucuuugguaCccuagcuguag.....	4	1	c02
.....ucuuugUuauccuagcuguag.....	7	1	c02
.....ucuuugguauAcuagcuguag.....	33	1	c02
.....ucuuugguaucAuagcuguag.....	23	1	c02
.....ucuuugguauccuagcuguaA.....	26	1	c02
.....ucGuugguauccuagcuguag.....	1	1	c02
.....ucuuugguauccuagcuguCg.....	2	1	c02
.....ucuuugguauccuagcuguGg.....	8	1	c02
.....ucuuCgguauccuagcuguag.....	3	1	c02
.....ucuuugguauccuagcugAag.....	7	1	c02
.....ucuuugguauccuagcuguaU.....	18	1	c02
.....ucuuugguauccuagUuguag.....	4	1	c02
.....ucuuugguauccuagAuguag.....	22	1	c02
.....ucuuugguauccuagcuguUg.....	1	1	c02
.....Gcuuugguauccuagcuguag.....	2076	1	c02
.....ucuuugguaucUuagcuguag.....	6	1	c02
.....ucuGugguauccuagcuguag.....	1	1	c02
.....ucuuuUguauccuagcuguag.....	15	1	c02
.....ucuuugCuauccuagcuguag.....	15	1	c02
.....ucuuugguauccuagcugGag.....	1	1	c02
.....ucuuugguauccuagcGguag.....	1	1	c02
.....ucuuugguauccuagcuAuag.....	4	1	c02
.....ucuuugguaGccuagcuguag.....	1	1	c02
.....ucuuugguauccuagcuUuag.....	4	1	c02
.....Acuuugguauccuagcuguag.....	78	1	c02
.....ucuAugguauccuagcuguag.....	5	1	c02
.....ucuuugguauUcuagcuguag.....	4	1	c02
.....uUuuugguauccuagcuguag.....	10	1	c02
.....ucuuugguCuccuagcuguag.....	7	1	c02
.....ucuuugguaAccuagcuguag.....	7	1	c02
.....uGuuugguauccuagcuguag.....	2	1	c02
.....ucuuugguauccuaUcuguag.....	11	1	c02
.....ucuuugguauccuaCcuguag.....	20	1	c02
.....ucuuugguauccCagcuguag.....	6	1	c02
.....ucuuugguauccuCgcuguag.....	4	1	c02
.....uAuuugguauccuagcuguag.....	7	1	c02
.....ucuuugguauccuagcuguag.....	18997	0	c02
.....ucuuugguUuccuagcuguag.....	1	1	c02
.....ucuuugAuauccuagcuguag.....	5	1	c02

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuauagguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....ucAuugguauccuagcuguag.....	14	1	c02
.....ucuuugguauccuagcuguaC.....	6	1	c02
.....ucuuuUguauccuagcuguagg.....	7	1	c02
.....ucuuuggCauccuagcuguagg.....	3	1	c02
.....ucuuugguauccuagcuguaUg.....	7	1	c02
.....ucuCugguauccuagcuguagg.....	1	1	c02
.....ucCuugguauccuagcuguagg.....	4	1	c02
.....ucuuugguauccuGgcuguagg.....	6	1	c02
.....ucuuugguauccuagcuguagA.....	90	1	c02
.....ucuuuCguauccuagcuguagg.....	20	1	c02
.....ucuuugguauccuaUcuguagg.....	4	1	c02
.....ucuuugguaAccuagcuguagg.....	3	1	c02
.....ucuuugguauccuCgcuguagg.....	3	1	c02
.....ucuuugguauUcuagcuguagg.....	4	1	c02
.....ucuuugguauccuagAuguagg.....	19	1	c02
.....ucuuugguauccuagGuguagg.....	2	1	c02
.....ucuuugguauccuagcuAuagg.....	3	1	c02
.....ucuuugguauccuagcuCuagg.....	11	1	c02
.....ucuuGgguauccuagcuguagg.....	1	1	c02
.....ucuuugguauccCagcuguagg.....	2	1	c02
.....ucuuugguauccuagcuguagg.....	14345	0	c02
.....ucuuugguauccuagcuguaAg.....	1	1	c02
.....ucuuugguauGcuagcuguagg.....	5	1	c02
.....ucuuugguauccuagcuguaCg.....	5	1	c02
.....ucuuugguauccuagcuUuagg.....	1	1	c02
.....ucuuugguauccuagcugGagg.....	1	1	c02
.....ucuuugguaucUuagcuguagg.....	3	1	c02
.....ucGuugguauccuagcuguagg.....	4	1	c02
.....Acuuugguauccuagcuguagg.....	53	1	c02
.....ucuuugguGuccuagcuguagg.....	3	1	c02
.....ucuuuguUuauccuagcuguagg.....	11	1	c02
.....ucuuugguauccuagcGguagg.....	5	1	c02
.....ucuuugguauccGagcuguagg.....	1	1	c02
.....uAuuugguauccuagcuguagg.....	16	1	c02
.....ucuAugguauccuagcuguagg.....	5	1	c02
.....ucuuugguauccuagcuguCgg.....	1	1	c02
.....ucuuugguCuccuagcuguagg.....	8	1	c02
.....ucuuAgguauccuagcuguagg.....	10	1	c02
.....ucuGugguauccuagcuguagg.....	2	1	c02
.....ucuuugguaucAuagcuguagg.....	22	1	c02
.....ucuuugguauccuagcuguagU.....	82	1	c02
.....ucuuuggAauccuagcuguagg.....	9	1	c02
.....Gcuuugguauccuagcuguagg.....	1628	1	c02
.....ucuuuAguauccuagcuguagg.....	3	1	c02
.....ucAuugguauccuagcuguagg.....	6	1	c02
.....ucuuugguauccuagcCguagg.....	6	1	c02
.....Ccuuugguauccuagcuguagg.....	2	1	c02
.....ucuuugguauccuagcugAagg.....	3	1	c02
.....ucuuugCuauccuagcuguagg.....	19	1	c02
.....ucuuugguauccuagcuguGgg.....	4	1	c02
.....ucuuugguauAcuagcuguagg.....	20	1	c02
.....ucuuugguauccuaCcuguagg.....	14	1	c02
.....uUuuugguauccuagcuguagg.....	14	1	c02
.....uGuuugguauccuagcuguagg.....	2	1	c02
.....ucuuugguauccAagcuguagg.....	4	1	c02
.....ucuuugAuauccuagcuguagg.....	1	1	c02
.....ucuuugguauccuUgcuguagg.....	1	1	c02
.....ucuuCgguauccuagcuguagg.....	2	1	c02
.....ucuuugguauccuagcAguagg.....	2	1	c02
.....ucuuugguauccuagcuguUgg.....	3	1	c02
.....ucuuugguaCccuagcuguagg.....	4	1	c02
.....ucuuugguauccuagcuguagC.....	18	1	c02
.....ucuuugguaGccuagcuguagg.....	4	1	c02
.....ucuuugguauccuagUuguagg.....	4	1	c02
.....ucuuugguauccuagcugCagg.....	10	1	c02
.....ucuuugguauccuagcuguaggA.....	266	1	c02
.....ucuuugguauccuagcuguGggc.....	1	1	c02
.....ucuuugguauccuagcuguaggU.....	248	1	c02
.....ucuuugguauccuagcuguaggG.....	16	1	c02
.....ucuuugguauccuagcuguaggc.....	19	0	c02

Mature Star

accucgagucgcggcucgucucuuugguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....Gcuuugguauccuagcuguaggc.....	2	1	c02
.....ucuuugguauccuagcuguaggcU.....	3	1	c02
.....ucuuugguauccuagcuguaggcC.....	1	1	c02
.....ucuuugguauccuagcuguaggUg.....	1	1	c02
.....ucuuugguauccuagcuguaggcA.....	1	1	c02
.....ucuuugguauccuagcuguaggAg.....	5	1	c02
.....ucuuugguauccuagcuguaggcg.....	1	0	c02
.....ucuuugguauccuagcuguaggGg.....	1	1	c02
.....ucuuugguauccuagcuguaggcgu.....	1	0	c02
.....ucuuugguauccuagcuguaggGgu.....	1	1	c02
.....ucuuugguauccuagcuguaggUgu.....	1	1	c02
.....ucuuugguauccuagcuguaggcgug.....	1	0	c02
.....ucuuugguauccuagcuguagUcgugu.....	1	1	c02
.....ucuuugguauccuagcuguaggcgugG.....	2	1	c02
.....cuuugguauccuagcugu.....	1	0	c02
.....cuuugguauccuagcuCu.....	1	1	c02
.....cuuugguauccuagcugua.....	9	0	c02
.....cCuugguauccuagcugua.....	1	1	c02
.....cuuuggGauccuagcuguag.....	1	1	c02
.....cuuuUguauccuagcuguag.....	2	1	c02
.....cuuugCuauccuagcuguag.....	1	1	c02
.....cuuuggAauccuagcuguag.....	1	1	c02
.....cuuugguauccuagAuguag.....	2	1	c02
.....cuuugguauccuagcuguag.....	163	0	c02
.....cuuugguauccuagcuCuag.....	2	1	c02
.....cuuugUuauccuagcuguagg.....	1	1	c02
.....cuuugguauccuagcuguagA.....	6	1	c02
.....cuuCgguauccuagcuguagg.....	1	1	c02
.....cuuugguauccuagcuguagg.....	101	0	c02
.....cuAugguauccuagcuguagg.....	1	1	c02
.....cuuugguauccuagcuguagU.....	2	1	c02
.....Guuugguauccuagcuguagg.....	1	1	c02
.....cuuugguauccuagcuguaggc.....	3	0	c02
.....cuuugguauccuagcuguaggU.....	3	1	c02
.....cuuugguauccuagcuguaggA.....	1	1	c02
.....cuuugguauccuagcuguaggcgu.....	1	0	c02
.....Guugguauccuagcugua.....	4	1	c02
.....uuuCguauccuagcugua.....	1	1	c02
.....uuugguauccuagcugua.....	13	0	c02
.....uuugguauAcuagcuguag.....	2	1	c02
.....Guugguauccuagcuguag.....	13	1	c02
.....uuugguauccuagcuguag.....	114	0	c02
.....uuugguaAccuagcuguagg.....	1	1	c02
.....uuugguauccuagcuguagA.....	1	1	c02
.....uuugguauccuagcuguagg.....	70	0	c02
.....Guugguauccuagcuguagg.....	11	1	c02
.....uuugguauccuagcuguaggU.....	3	1	c02
.....uuugguauccuagcuguaggc.....	1	0	c02
.....uuugguauccuagcuguaggA.....	3	1	c02
.....uuugguauccuagcuguaggcg.....	1	0	c02
.....Gugguauccuagcuguag.....	9	1	c02
.....uugguauccuagcuguag.....	90	0	c02
.....uugguauccuagcuguagA.....	2	1	c02
.....Augguauccuagcuguagg.....	1	1	c02
.....uugguauccuagcuguagg.....	85	0	c02
.....Gugguauccuagcuguagg.....	8	1	c02
.....uugCuauccuagcuguagg.....	1	1	c02
.....uugguauccuagcuguaggU.....	2	1	c02
.....ugguauccuagcuguagg.....	11	0	c02
.....Ggguauccuagcuguagg.....	1	1	c02
.....cuaaaguuaugguaccgaaguu.....	6	0	c02
.....Guaaaguuaugguaccgaaguua.....	1	1	c02
.....Uuaaaguuaugguaccgaaguua.....	1	1	c02
.....cuaaaguuaugguaccgaaguua.....	1	0	c02
.....uaaaguuaugguaccgaa.....	166	0	c02
.....uaaaguAaugguaccgaa.....	1	1	c02
.....uaaaguuaugguaAcgaa.....	1	1	c02
.....Gaaaguuaugguaccgaa.....	22	1	c02
.....uaaaguuauggCaccgaa.....	1	1	c02
.....uaaaguuaugguaAcgaag.....	1	1	c02

Mature Star

accucgagucgcggcucgucucuuuggguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....uaaaguuaugguacAgaag.....	3	1	c02
.....uaaaguuaugCuaccgaag.....	1	1	c02
.....uaaaguAaugguaccgaag.....	1	1	c02
.....Gaaaguuaugguaccgaag.....	27	1	c02
.....uaaaguuaugguaccgaag.....	260	0	c02
.....Aaaaguuaugguaccgaag.....	1	1	c02
.....uaaaguuaugguacUgaagu.....	1	1	c02
.....uaaaguuaugguaccgaaCu.....	1	1	c02
.....Gaaaguuaugguaccgaagu.....	58	1	c02
.....uaaaguuauggAaccgaagu.....	1	1	c02
.....uaaaguuaugCuaccgaagu.....	1	1	c02
.....uaaaguuaugguacAgaagu.....	3	1	c02
.....uaaaguuaugguaccgaagu.....	453	0	c02
.....uaaaguuUugguaccgaagu.....	1	1	c02
.....Aaaaguuaugguaccgaagu.....	7	1	c02
.....uaaaguuauCguaccgaagu.....	1	1	c02
.....uaaUguuaugguaccgaagu.....	1	1	c02
.....uaaaguuaugguaccgaagG.....	1	1	c02
.....uaaaguuaugguaccgaaUuu.....	4	1	c02
.....uaaaguuaugguaccgaagCu.....	1	1	c02
.....uaaagAuaugguaccgaaguu.....	3	1	c02
.....uaaaguuaugguaccgaaguA.....	5	1	c02
.....uaaaguuaugguaAcgaaguu.....	3	1	c02
.....uaaaguuaGgguaccgaaguu.....	1	1	c02
.....uaaaguuaugCuaccgaaguu.....	2	1	c02
.....uaaaguuaugguaccgaaguC.....	1	1	c02
.....uaaaguuauUguaccgaaguu.....	1	1	c02
.....uaaaguuaugUuaccgaaguu.....	1	1	c02
.....uaaaguuaugguaccUaaguu.....	4	1	c02
.....uaaaguuaugguCccgaaguu.....	8	1	c02
.....uaaaUuuaugguaccgaaguu.....	1	1	c02
.....uaaaguuauggCaccgaaguu.....	3	1	c02
.....uaaaguAaugguaccgaaguu.....	4	1	c02
.....uaaaguuaugguacAgaaguu.....	30	1	c02
.....uaaaguuaugguaccgaCguu.....	1	1	c02
.....uaaaguuaCgguaccgaaguu.....	1	1	c02
.....uaaaguuaugguaGcgaaguu.....	2	1	c02
.....uaaaguuaugguaccgaaguu.....	3917	0	c02
.....uaaagGuaugguaccgaaguu.....	2	1	c02
.....uaaaguuaugguaccgaUguu.....	1	1	c02
.....Aaaaguuaugguaccgaaguu.....	30	1	c02
.....uaaaguuaugguGccgaaguu.....	1	1	c02
.....uaaaguuaugguacGgaaguu.....	2	1	c02
.....uaaaguuauCguaccgaaguu.....	5	1	c02
.....uaaaguuaugguaccgaagGu.....	2	1	c02
.....Gaaaguuaugguaccgaaguu.....	482	1	c02
.....uaaaguuaugguaccgCaguu.....	3	1	c02
.....uaaaguuaugguaccgaGguu.....	1	1	c02
.....uaaaCuuaugguaccgaaguu.....	6	1	c02
.....uaaaguuaugguaccgaaAuu.....	2	1	c02
.....uaaaguuaugguacUgaaguu.....	1	1	c02
.....uaaaguuaugAuaccgaaguu.....	1	1	c02
.....uaaaguuaAgguaccgaaguu.....	1	1	c02
.....uaaaguuaugguaccgGaguu.....	1	1	c02
.....uaaaguuaugguUccgaaguu.....	1	1	c02
.....uaaaguuauggAaccgaaguu.....	1	1	c02
.....uaaaguuaugguaccgaaguG.....	3	1	c02
.....uaaaguCaugguaccgaaguu.....	2	1	c02
.....uaaUguuaugguaccgaaguua.....	1	1	c02
.....uaaaguuaugguaccgUaguua.....	1	1	c02
.....uaaaguuaugUuaccgaaguua.....	5	1	c02
.....uaaaguuaugguaccgaaguuU.....	187	1	c02
.....uaaagAuaugguaccgaaguua.....	14	1	c02
.....uaUaguuaugguaccgaaguua.....	1	1	c02
.....Aaaaguuaugguaccgaaguua.....	84	1	c02
.....uaaaguuaugguGccgaaguua.....	2	1	c02
.....uaaagGuaugguaccgaaguua.....	3	1	c02
.....uaaaguuaugguaccgaaguua.....	11677	0	c02
.....uaaaguuaGgguaccgaaguua.....	2	1	c02
.....uaaCguuaugguaccgaaguua.....	1	1	c02

Mature Star

accucgagucgcggcucgucucuuuggguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

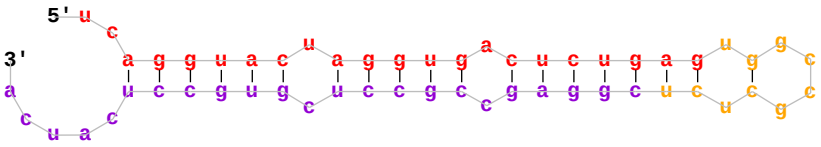
.....uaaaguuaugguaccgaaUuua.....	3	1	c02
.....uaaaguuaugguaccgaaguuG.....	5	1	c02
.....uaaaCuuaugguaccgaaguua.....	10	1	c02
.....uaaaguuaCgguaccgaaguua.....	1	1	c02
.....uaaaguuauAguaccgaaguua.....	3	1	c02
.....uaaaguuaugguaccgaagAua.....	13	1	c02
.....uaaaguuaugguaccgaUguua.....	3	1	c02
.....uaaaguuaugguaccgaGguua.....	3	1	c02
.....uaaaUuuaugguaccgaaguua.....	4	1	c02
.....uaaaguuauggUccgaaguua.....	6	1	c02
.....uaaaguuaugguaccCaaguua.....	8	1	c02
.....uaaaguuaugguaAcgaaguua.....	11	1	c02
.....uaaaguuauCguaccgaaguua.....	14	1	c02
.....uaaaguuaugguacUgaaguua.....	8	1	c02
.....uaaGguuaugguaccgaaguua.....	2	1	c02
.....uaaaguuauUguaccgaaguua.....	4	1	c02
.....uaaaguuaugguaccgaaguGa.....	2	1	c02
.....uaaaguuaugAuaccgaaguua.....	3	1	c02
.....uaaaguAaugguaccgaaguua.....	3	1	c02
.....uaaaguuaugguacAgaaguua.....	58	1	c02
.....uaaaguuauggAaccgaaguua.....	6	1	c02
.....uaaaguGaugguaccgaaguua.....	2	1	c02
.....uaaaguuaugguCccgaaguua.....	17	1	c02
.....uaaaguuaAgguaccgaaguua.....	5	1	c02
.....uaaaguCaugguaccgaaguua.....	2	1	c02
.....uaaaguuaugguacGgaaguua.....	1	1	c02
.....uaaaguuaugguaccgCaguua.....	4	1	c02
.....uaaaguuaugguaccAaaguua.....	4	1	c02
.....uaaaguuaugguaccgaaguAa.....	7	1	c02
.....uaaaguuaugguaccgaagCua.....	2	1	c02
.....uaaaguuUugguaccgaaguua.....	1	1	c02
.....uaaaguuaugguaccgGaguua.....	2	1	c02
.....uaaagCuaugguaccgaaguua.....	2	1	c02
.....uaaaguuaugguaGcgaaguua.....	1	1	c02
.....uaaaguuGugguaccgaaguua.....	3	1	c02
.....uaaaguuaugguaUcgaaguua.....	2	1	c02
.....uaaaguuaugguaccgaagGua.....	3	1	c02
.....uaaaguuaugguaccgaaCuua.....	17	1	c02
.....Gaaaguuaugguaccgaaguua.....	1330	1	c02
.....uGaaguuaugguaccgaaguua.....	2	1	c02
.....uaaaguuaugCuaccgaaguua.....	16	1	c02
.....Caaaguuaugguaccgaaguua.....	9	1	c02
.....uaaaguuauggCaccgaaguua.....	4	1	c02
.....uaaaguuaugguaccgaaguuC.....	6	1	c02
.....uaaaguuaugguaccUaaguua.....	7	1	c02
.....uaaaguuaugguaccgaaguuaG.....	23	1	c02
.....uaaaguuaugguaccgaaguuaU.....	135	1	c02
.....uaaaguuaugguaccUaaguuac.....	1	1	c02
.....uaaaguuaugguaccgaaguuac.....	4	0	c02
.....uaaaguuaugguaccgaaguuaA.....	849	1	c02
.....uaaaguuaugguaccgaaguuaAg.....	5	1	c02
.....uaaaguuaugguaccgaaguuGcg.....	1	1	c02
.....uaaaguuaugguaccgaaguuaUg.....	1	1	c02
.....Uaaguuaugguaccgaagu.....	1	1	c02
.....Uaaguuaugguaccgaaguu.....	1	1	c02
.....Gaaguuaugguaccgaaguua.....	1	1	c02
.....Uaaguuaugguaccgaaguua.....	3	1	c02
.....aaaguuaugguaccgaaguuaA.....	2	1	c02
.....aaguuaugguaccgaaguu.....	2	0	c02
.....aaguuaugguaccgaaguua.....	1	0	c02
.....aguuaugguaccgaaguu.....	88	0	c02
.....aguuaugguaUcgaaguu.....	1	1	c02
.....aguuaugCuaccgaaguu.....	1	1	c02
.....Cguuaugguaccgaaguu.....	3	1	c02
.....Cguuaugguaccgaaguua.....	8	1	c02
.....aguuauAguaccgaaguua.....	1	1	c02
.....aguuauCguaccgaaguua.....	1	1	c02
.....aCuuaugguaccgaaguua.....	1	1	c02
.....aguuaugguaccgaUguua.....	1	1	c02
.....Gguuaugguaccgaaguua.....	1	1	c02

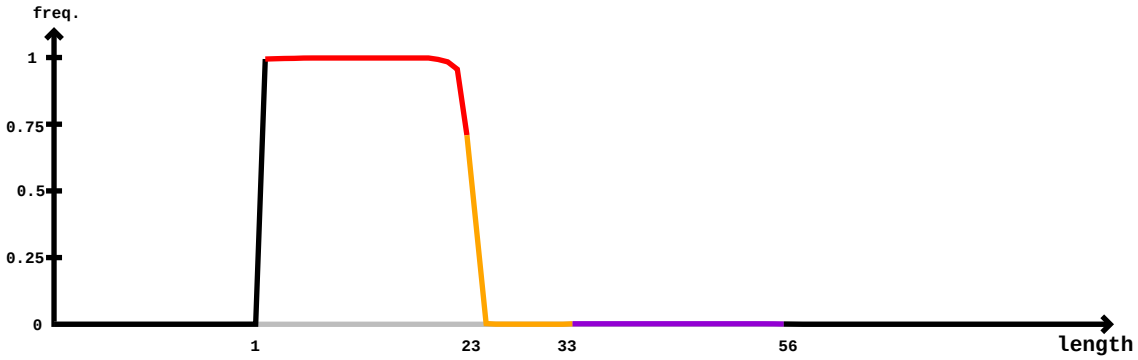
Mature Star

accucgagucgcggcucgucucuuuggguauccuagcuguaggcguguucgcagacccuaaaguuaugguaccgaaguuacgagucgcggcguccgcagcggaugccgccgu

.....aguuaugguaccgaaguuU.....	6	1	c02
.....aguuaAgguaccgaaguua.....	1	1	c02
.....aguuaugguacAgaaguua.....	2	1	c02
.....aguuaugguaccgaaguAa.....	1	1	c02
.....aguuaugguaccgaaguua.....	186	0	c02
.....aguuaugguaccgaagAua.....	1	1	c02
.....aguuaugguaccgaGguua.....	1	1	c02
.....aguuaugguaccgaaguuaA.....	10	1	c02
.....aguuaugguaccgaaguuaU.....	2	1	c02
.....guuaugguaccgaaguua.....	91	0	c02
.....guuaAgguaccgaaguua.....	1	1	c02
.....guuaugguaccgaaguuU.....	1	1	c02
.....guAaugguaccgaaguua.....	1	1	c02
.....Uuuaugguaccgaaguua.....	2	1	c02
.....guuaugguaccgaaguuaA.....	7	1	c02
.....guuaugguaccgaaguuaU.....	1	1	c02
.....uuaugguaccgaaguuaU.....	5	1	c02
.....uuaugguaccgaaguuaA.....	47	1	c02

Provisional ID	:	tig00003240_group8_38424
Score total	:	122833
Score for star read(s)	:	3.9
Score for read counts	:	122822.1
Score for mfe	:	2.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	240922
Mature read count	:	240493
Loop read count	:	0
Star read count	:	429





Mature **Star**

```
5'- ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc -3'   obs
    ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc       exp
    ((((.(.(((((((.((((((.((((((.(((((.(((((((.(....).)))))))..)))))).)))))).)))..)))..)))))))..))))..((((.....)))) reads     mm        sample
    .gugagugcggcguaccggg.................................................................................................. 1         0         c02
    .....................ggucagguacuaggugacucuga.......................................................................... 1         0         c02
    .....................gucagguacuaggugacucuga.......................................................................... 1         0         c02
    ......................Gcagguacuaggugacuc.............................................................................. 16        1         c02
    ......................Acagguacuaggugacuc.............................................................................. 1         1         c02
    ......................ucagguacuaggugCcuc.............................................................................. 1         1         c02
    ......................ucagguaAuaggugacuc.............................................................................. 1         1         c02
    ......................ucagguacuaggugacuU.............................................................................. 1         1         c02
    ......................ucagguacuaggugacuc.............................................................................. 163       0         c02
    ......................ucagguacuaggugCcucu............................................................................. 1         1         c02
    ......................ucagguacuaggugacucu.............................................................................. 260       0         c02
    ......................ucagCuacuaggugacucu.............................................................................. 1         1         c02
    ......................Gcagguacuaggugacucu.............................................................................. 30        1         c02
    ......................ucagguacCaggugacucu.............................................................................. 1         1         c02
    ......................ucagguacuaggugacucC.............................................................................. 1         1         c02
    ......................ucaggAacuaggugacucu.............................................................................. 2         1         c02
    ......................ucagguacuaggugacuAu.............................................................................. 2         1         c02
    ......................ucagguacuagguUacucu.............................................................................. 1         1         c02
    ......................ucagguaAuaggugacucu.............................................................................. 1         1         c02
    ......................ucUgguacuaggugacucug............................................................................. 1         1         c02
    ......................ucagguacuaggugacucuC............................................................................. 2         1         c02
    ......................Gcagguacuaggugacucug............................................................................. 99        1         c02
    ......................ucagguacuaggugacuAug............................................................................. 1         1         c02
    ......................ucagguacuagguUacucug............................................................................. 2         1         c02
    ......................ucagguacuaCgugacucug............................................................................. 3         1         c02
    ......................ucagguacuagCugacucug............................................................................. 2         1         c02
    ......................uAagguacuaggugacucug............................................................................. 1         1         c02
    ......................ucagguacuaggugacucug............................................................................. 1178      0         c02
    ......................ucagguacuagUugacucug............................................................................. 1         1         c02
    ......................uUagguacuaggugacucug............................................................................. 1         1         c02
    ......................Acagguacuaggugacucug............................................................................. 3         1         c02
    ......................ucagCuacuaggugacucug............................................................................. 2         1         c02
    ......................ucaUguacuaggugacucug............................................................................. 1         1         c02
```

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

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.....ucagguacuaggugacucuA.....	1	1	c02
.....ucagguacuaggAgacucug.....	1	1	c02
.....ucagguacuaggugaAucug.....	1	1	c02
.....ucagguacuaggugacucAg.....	1	1	c02
.....ucagguacuaggugaGucug.....	1	1	c02
.....ucagguacuUggugacucug.....	1	1	c02
.....ucagUuacuaggugacucug.....	1	1	c02
.....ucagguacuaUgugacucug.....	1	1	c02
.....ucagguacuagguCacucug.....	2	1	c02
.....ucagguacuaggugCcucug.....	7	1	c02
.....ucagguacuaggugacucuU.....	6	1	c02
.....ucaggCacuaggugacucug.....	1	1	c02
.....ucagguacuaggugacucugG.....	3	1	c02
.....ucagguacuaggugacAcuga.....	3	1	c02
.....ucaUguacuaggugacucuga.....	2	1	c02
.....uUagguacuaggugacucuga.....	8	1	c02
.....ucagguacuaAgugacucuga.....	1	1	c02
.....ucagguacuagguUacucuga.....	1	1	c02
.....ucagguacuaggCgacucuga.....	1	1	c02
.....Acagguacuaggugacucuga.....	19	1	c02
.....ucagguacuaggugacucuga.....	5798	0	c02
.....ucagguacuagguCacucuga.....	4	1	c02
.....ucagguacuaggugacucCga.....	3	1	c02
.....ucagguacuaggugaUucuga.....	1	1	c02
.....uAagguacuaggugacucuga.....	7	1	c02
.....ucagguacuaggugacucuAa.....	2	1	c02
.....ucagguacAaggugacucuga.....	1	1	c02
.....ucagguacuCggugacucuga.....	1	1	c02
.....ucaggAacuaggugacucuga.....	3	1	c02
.....ucagguacuagCugacucuga.....	10	1	c02
.....ucagguacuagUugacucuga.....	1	1	c02
.....ucagguacuaggugacucuUa.....	2	1	c02
.....ucagguaUuaggugacucuga.....	2	1	c02
.....ucagguacuaggugacucugC.....	19	1	c02
.....Ccagguacuaggugacucuga.....	4	1	c02
.....ucagguacuaUgugacucuga.....	1	1	c02
.....ucagguacuaggGgacucuga.....	2	1	c02
.....ucagguacuaggugacucuCa.....	3	1	c02
.....ucGgguacuaggugacucuga.....	2	1	c02
.....ucagguacuaggugCcucuga.....	20	1	c02
.....ucagguacuGggugacucuga.....	2	1	c02
.....ucaCguacuaggugacucuga.....	4	1	c02
.....ucagguaAuaggugacucuga.....	1	1	c02
.....ucagguacuaggugacucugU.....	22	1	c02
.....ucagguacuaggugacGcuga.....	1	1	c02
.....ucagguGcuaggugacucuga.....	2	1	c02
.....ucagguUcuaggugacucuga.....	1	1	c02
.....ucagguacuaggugacucGga.....	1	1	c02
.....ucagguacGaggugacucuga.....	1	1	c02
.....ucagCuacuaggugacucuga.....	9	1	c02
.....ucagguacuagguAacucuga.....	1	1	c02
.....ucUgguacuaggugacucuga.....	3	1	c02
.....ucaAguacuaggugacucuga.....	1	1	c02
.....ucagguacuaggugacucAga.....	4	1	c02
.....ucagguacuagAugacucuga.....	3	1	c02
.....ucagguacCaggugacucuga.....	2	1	c02
.....ucagUuacuaggugacucuga.....	3	1	c02
.....ucagguacuaggugacCcuga.....	2	1	c02
.....Gcagguacuaggugacucuga.....	525	1	c02
.....ucagguacuaggAgacucuga.....	6	1	c02
.....ucCgguacuaggugacucuga.....	1	1	c02
.....ucagguacuaggugaAucuga.....	2	1	c02
.....ucagguacuaggugacuAuga.....	1	1	c02
.....ucagguacuaCgugacucuga.....	3	1	c02
.....ucagguacuUggugacucuga.....	1	1	c02
.....ucagguacuaggugUcucuga.....	2	1	c02
.....ucaAguacuaggugacucugag.....	2	1	c02
.....ucagguacuaggugacucuCag.....	5	1	c02
.....ucagguacuaggugacGcugag.....	2	1	c02

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

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.....ucagguacuaggugacuAugag.....	5	1	c02
.....ucagguacuagCugacucugag.....	14	1	c02
.....ucaggGacuaggugacucugag.....	1	1	c02
.....uUagguacuaggugacucugag.....	35	1	c02
.....ucagguacuCggugacucugag.....	1	1	c02
.....ucagguacuagUugacucugag.....	3	1	c02
.....ucaUguacuaggugacucugag.....	2	1	c02
.....ucagguacuagAugacucugag.....	1	1	c02
.....ucagguacuaggugacucGgag.....	3	1	c02
.....ucagguacuaggugacucuAag.....	3	1	c02
.....ucagguacuaggugacucugaU.....	76	1	c02
.....uGagguacuaggugacucugag.....	1	1	c02
.....ucagguacuaggugacucCgag.....	8	1	c02
.....ucagguacuaggugacAcugag.....	3	1	c02
.....ucaggCacuaggugacucugag.....	1	1	c02
.....ucagguaAuaggugacucugag.....	2	1	c02
.....ucagguacAaggugacucugag.....	1	1	c02
.....ucagguacuaUgugacucugag.....	3	1	c02
.....Acagguacuaggugacucugag.....	29	1	c02
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.....ucagguacuaggugacucugUg.....	2	1	c02
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.....ucagguacCaggugacucugag.....	1	1	c02
.....ucagCuacuaggugacucugag.....	18	1	c02
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.....ucagguacuagguUacucugag.....	3	1	c02
.....ucagguacuaggugacucAgag.....	4	1	c02
.....ucagguacuaggAgacucugag.....	4	1	c02
.....Gcagguacuaggugacucugag.....	834	1	c02
.....ucUgguacuaggugacucugag.....	5	1	c02
.....ucagguacuaggCgacucugag.....	1	1	c02
.....ucagguacuaggugacucugCg.....	14	1	c02
.....ucagguacuaggugacucugag.....	8791	0	c02
.....ucagguacGaggugacucugag.....	1	1	c02
.....ucagguacuaggugacucugGg.....	2	1	c02
.....ucagguacuaggugacucugaC.....	10	1	c02
.....ucagguacuaggugacucugaA.....	72	1	c02
.....uAagguacuaggugacucugag.....	8	1	c02
.....ucagUuacuaggugacucugag.....	6	1	c02
.....ucagguacuaCgugacucugag.....	4	1	c02
.....ucGgguacuaggugacucugag.....	9	1	c02
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.....ucaCguacuaggugacucugag.....	8	1	c02
.....ucagguacuaggugaUucugag.....	2	1	c02
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.....ucagguacuaggGgacucugag.....	4	1	c02
.....ucagguacuaggugaAucugag.....	7	1	c02
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.....ucagguacuGggugacucugag.....	3	1	c02
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.....Acagguacuaggugacucugagu.....	1	1	c02
.....ucagguacuaggugacucugagA.....	205	1	c02
.....ucagguacuaggugacucAgagu.....	1	1	c02
.....ucagguacuaggugacucugagC.....	8	1	c02
.....ucagguacAaggugacucugagu.....	1	1	c02
.....uGagguacuaggugacucugagu.....	1	1	c02
.....ucagguacuaggugCcucugagu.....	1	1	c02
.....ucagguacuagCugacucugagu.....	2	1	c02
.....ucagguacuaggugacucCgagu.....	2	1	c02
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.....ucagguacuaggugacuUugagu.....	1	1	c02
.....ucagguacuagguCacucugagu.....	1	1	c02
.....uAagguacuaggugacucugagu.....	1	1	c02

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

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.....ucagguacuaggugacucugaUu.....	5	1	c02
.....ucagguacuaggugacucugaCu.....	1	1	c02
.....ucagguacuaggugacucugaguA.....	2	1	c02
.....ucagguacuaggugacucugagAg.....	1	1	c02
.....ucagguacuaggugacucugaguU.....	2	1	c02
.....ucagguacuaggugacucugagug.....	2	0	c02
.....Gcagguacuaggugacucugagug.....	1	1	c02
.....ucagguacuaggugacucugagugA.....	1	1	c02
.....ucagguacuaggugacucugaguggc.....	1	0	c02
.....ucagguacuaggugacucugaguggU.....	1	1	c02
.....ucagguacuaggugacucugaguggccgcucu.....	1	0	c02
.....ucagguacuaggugacucugaguggcAgcucu.....	1	1	c02
.....cagguacuaggugacucu.....	1	0	c02
.....cagguacuaggugacucug.....	1	0	c02
.....cagguacuaggugCcucuga.....	1	1	c02
.....cagguacuaggugacucuga.....	7	0	c02
.....cagguacuagCugacucugag.....	1	1	c02
.....Uagguacuaggugacucugag.....	2	1	c02
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.....agguacuaggugacucuga.....	8	0	c02
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.....agguacuaggugacucugag.....	11	0	c02
.....agguacuaggugacucugagu.....	2	0	c02
.....gguacuaggugacucuga.....	2	0	c02
.....gguacuaggugacucugag.....	3	0	c02
.....guacuaggugacucugag.....	21	0	c02
.....uacuaggugacucugagA.....	3	1	c02
.....cggagccgccucgugccuca.....	1	0	c02
.....cggagccgccucgugccucau.....	4	0	c02
.....cggagccgccucgugccucauc.....	1	0	c02
.....cggagccgccucgugccucaucU.....	1	1	c02
.....cggagccgccucgugccucauca.....	6	0	c02
.....cggagccgccucgugccucaucaA.....	1	1	c02
.....ggagccgccucgugccucauca.....	1	0	c02

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.....ggucagguacuaggugacucugag.....	1	0	c15
.....ucagguacuaggugacuc.....	27	0	c15
.....ucagguacuaggugacucu.....	24	0	c15
.....ucagguacuaggugacucC.....	1	1	c15
.....Acagguacuaggugacucug.....	1	1	c15
.....Ccagguacuaggugacucug.....	1	1	c15
.....ucaggGacuaggugacucug.....	1	1	c15
.....ucagguacuaggugacucuA.....	7	1	c15
.....ucagguacuaggugacucug.....	122	0	c15
.....ucagguacuaggugacucuU.....	5	1	c15
.....ucagguacuaggugacucuga.....	3568	0	c15
.....ucagguaGuaggugacucuga.....	1	1	c15
.....ucagguacuaggugaUucuga.....	2	1	c15
.....Acagguacuaggugacucuga.....	1	1	c15
.....ucagguacuagguAacucuga.....	1	1	c15
.....ucaggCacuaggugacucuga.....	3	1	c15
.....ucagguacCaggugacucuga.....	1	1	c15
.....ucUgguacuaggugacucuga.....	1	1	c15
.....ucagguacuagAugacucuga.....	1	1	c15
.....ucagguacuaggugacucuAa.....	45	1	c15
.....ucagguacuaggGgacucuga.....	11	1	c15
.....uUagguacuaggugacucuga.....	1	1	c15
.....ucagguacuaggugacucuCa.....	1	1	c15
.....uGagguacuaggugacucuga.....	2	1	c15
.....ucagguacuaggugacucCga.....	1	1	c15
.....ucaggAacuaggugacucuga.....	2	1	c15
.....ucagguacuaggugacucuUa.....	2	1	c15
.....ucaggGacuaggugacucuga.....	3	1	c15
.....ucagguacuaggugacucugG.....	1	1	c15
.....ucagguacuaggugacucugC.....	9	1	c15
.....ucGgguacuaggugacucuga.....	4	1	c15

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

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.....ucagguacuaggugacucugU.....	103	1	c15
.....Ccagguacuaggugacucuga.....	1	1	c15
.....ucagguacAaggugacucuga.....	1	1	c15
.....ucagguacuaggCgacucuga.....	8	1	c15
.....ucagguacuagguCacucuga.....	1	1	c15
.....ucagguacuaggugacucGgag.....	2	1	c15
.....ucagguacuaUgugacucugag.....	10	1	c15
.....uUagguacuaggugacucugag.....	27	1	c15
.....ucagguacuaggugacucugGg.....	6	1	c15
.....ucagguacuaggugaAucugag.....	4	1	c15
.....ucagguGcuaggugacucugag.....	3	1	c15
.....ucagguaGuaggugacucugag.....	6	1	c15
.....ucagguacuaggugacucugaC.....	692	1	c15
.....ucGgguacuaggugacucugag.....	43	1	c15
.....ucagguacuaggugacucugUg.....	14	1	c15
.....ucagguacAaggugacucugag.....	4	1	c15
.....ucagguacCaggugacucugag.....	6	1	c15
.....ucagguaUuaggugacucugag.....	4	1	c15
.....ucagguacuagCugacucugag.....	2	1	c15
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.....ucagguacuaggugacucuUag.....	11	1	c15
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.....ucCgguacuaggugacucugag.....	3	1	c15
.....ucagguacuaggugacucCgag.....	30	1	c15
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.....ucagguacuaggugacuAugag.....	3	1	c15
.....Ccagguacuaggugacucugag.....	8	1	c15
.....ucagAuacuaggugacucugag.....	9	1	c15
.....ucagguUcuaggugacucugag.....	1	1	c15
.....ucaggAacuaggugacucugag.....	28	1	c15
.....ucaUguacuaggugacucugag.....	10	1	c15
.....ucagguacuaggugacucugag.....	38536	0	c15
.....ucagguacuaggugUcucugag.....	4	1	c15
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.....ucagguacuaggugaGucugag.....	6	1	c15
.....uGagguacuaggugacucugag.....	22	1	c15
.....uAagguacuaggugacucugag.....	11	1	c15
.....ucaggCacuaggugacucugag.....	27	1	c15
.....ucagguacuagguUacucugag.....	3	1	c15
.....ucaAguacuaggugacucugag.....	5	1	c15
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.....ucagguacuagguAacucugag.....	3	1	c15
.....ucagguacuaggugacucugCg.....	2	1	c15
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.....ucagguacGaggugacucugag.....	2	1	c15
.....ucagguacuaggGgacucugag.....	109	1	c15
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.....ucagUuacuaggugacucugag.....	4	1	c15
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.....ucagguacuGggugacucugag.....	10	1	c15
.....ucagguacuaggugacucugaU.....	584	1	c15
.....ucagguacuaggugacucuAag.....	16	1	c15
.....ucagguacuaggugacucugaA.....	213	1	c15
.....ucagguacuaggugacAcugag.....	12	1	c15
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.....ucagguacuaggAgacucugag.....	46	1	c15
.....ucagguacuaggugGcucugag.....	8	1	c15
.....ucagguacuagAugacucugag.....	5	1	c15
.....ucagCuacuaggugacucugag.....	3	1	c15
.....ucagguacuaggugacGcugag.....	1	1	c15
.....ucagguacuagguAacucugagu.....	1	1	c15

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....ucagguacuaggugacucugaAu.....	6	1	c15
.....ucagguacuaggugacucugaCu.....	7	1	c15
.....uGagguacuaggugacucugagu.....	1	1	c15
.....ucagguacuaggGgacucugagu.....	7	1	c15
.....ucaggAacuaggugacucugagu.....	3	1	c15
.....ucagguacuaggugacCcugagu.....	1	1	c15
.....ucagguacuaggugacuUugagu.....	1	1	c15
.....ucagguacuaggugacucuCagu.....	2	1	c15
.....ucagguacuaggugacucugagu.....	2356	0	c15
.....ucagguacuaggugGcucugagu.....	1	1	c15
.....ucagguacuaggugacucugagC.....	11	1	c15
.....ucagguacuUggugacucugagu.....	1	1	c15
.....ucagguacuagUugacucugagu.....	1	1	c15
.....ucaggGacuaggugacucugagu.....	2	1	c15
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.....ucagguacuaggugacucugaUu.....	177	1	c15
.....ucCgguacuaggugacucugagu.....	1	1	c15
.....ucagguacuaggAgacucugagu.....	7	1	c15
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.....ucagguacuaggugacucugGgu.....	1	1	c15
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.....ucaAguacuaggugacucugagu.....	1	1	c15
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.....ucagguacuaggugacucugaguC.....	3	1	c15
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.....ucagguacuaggugacucugaguA.....	26	1	c15
.....ucagguacuaggugacucugagugg.....	1	0	c15
.....ucagguacuaggugacucugagugU.....	2	1	c15
.....ucagguacuaggugacucugagugA.....	1	1	c15
.....ucagguacuaggugacucugagugC.....	1	1	c15
.....ucagguacuaggugacucugaguUg.....	1	1	c15
.....ucagguacuaggugacucugagAgg.....	2	1	c15
.....ucagguacuaggugacucugaguggc.....	6	0	c15
.....ucagguacuaggugacucugagGggc.....	1	1	c15
.....ucagguacuaggugacucugagugAc.....	1	1	c15
.....ucagguacuaggugacucugaguggG.....	1	1	c15
.....ucagguacuaggugacucugaguggU.....	1	1	c15
.....ucagguacuaggugacucugaguggcc.....	6	0	c15
.....ucagguacuaggugacucugaguggcU.....	1	1	c15
.....ucagguacuaggugacucugaguggcA.....	1	1	c15
.....ucagguacuaggugacucugaguggcG.....	1	1	c15
.....ucagguacuaggugacucugaguggccg.....	2	0	c15
.....ucagguacuaggugacucugaguggccgc.....	1	0	c15
.....ucagguacuaggugacucugaguggccgU.....	2	1	c15
.....ucagguacuaggugacucugaguggccgcucu.....	11	0	c15
.....cagguacuaggugacucug.....	1	0	c15
.....cagguacuaggugacucuga.....	12	0	c15
.....Uagguacuaggugacucugag.....	1	1	c15
.....cagguacuaggGgacucugag.....	5	1	c15
.....cagguacuaUgugacucugag.....	1	1	c15
.....caggGacuaggugacucugag.....	2	1	c15
.....cagguacuaggAgacucugag.....	1	1	c15
.....caAguacuaggugacucugag.....	1	1	c15
.....Aagguacuaggugacucugag.....	1	1	c15
.....cagguacuaggugacucugaU.....	3	1	c15
.....caggAacuaggugacucugag.....	1	1	c15
.....cagguacuaggugacucugag.....	121	0	c15
.....cagguacuaggugacucugaC.....	3	1	c15
.....cagguacuaggugacucugagA.....	1	1	c15

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....cagguacuaggGgacucugagu.....	1	1	c15
.....caggAacuaggugacucugagu.....	1	1	c15
.....cagguacuaggugacucugagu.....	6	0	c15
.....cagguacuaggugacucugaguU.....	1	1	c15
.....cagguacuaggugacucugaguggccgcucu.....	1	0	c15
.....aUguacuaggugacucugag.....	1	1	c15
.....agguacuaggugacucugag.....	1	0	c15
.....agguacuaggugacucugaU.....	1	1	c15
.....gguacuaggugacucugag.....	2	0	c15
.....gguacuaggugacucugaUu.....	1	1	c15
.....guacuaggugacucugag.....	2	0	c15
.....cuGggugacucugaguggcc.....	1	1	c15
.....cugaguggccgcucucggagU.....	1	1	c15
.....uggccgcucucggagccgccucgugccucauca.....	1	0	c15
.....cggagccgccucgugccucau.....	12	0	c15
.....cggagccgccucgugccucauc.....	88	0	c15
.....cggagccgccucgugccucauU.....	4	1	c15
.....cggagccgccucgugccucauA.....	1	1	c15
.....cUgagccgccucgugccucauc.....	1	1	c15
.....cggagccgccucgugccucauca.....	133	0	c15
.....cggaUccgccucgugccucauca.....	1	1	c15
.....cggagccgccucgugccucaGca.....	1	1	c15
.....cggagccgccucAugccucauca.....	1	1	c15
.....cggagccgccucgugUcucauca.....	1	1	c15
.....cggagccgccucgugccucaucU.....	3	1	c15
.....cggagccgcAucgugccucauca.....	1	1	c15
.....cggagccgccucgugccucaCca.....	2	1	c15
.....cggagccAccucgugccucauca.....	1	1	c15
.....cggagccgccucgugccucaucaU.....	7	1	c15
.....cggagccgccucgugccucaucaA.....	4	1	c15
.....ggagccgccucgugccucauc.....	1	0	c15
.....ggagccgccucgugccucauca.....	2	0	c15
.....ggagccgccucgugccucaucaU.....	1	1	c15
.....Cccgggucagguacuaggugacucug.....	1	1	c04
.....gggucagguacuaggugacucugag.....	1	0	c04
.....gUgucagguacuaggugacucugag.....	1	1	c04
.....gAucagguacuaggugacucuga.....	1	1	c04
.....ggucagguacuaggugacucuga.....	1	0	c04
.....Uucagguacuaggugacucuga.....	1	1	c04
.....guUagguacuaggugacucuga.....	1	1	c04
.....Aucagguacuaggugacucugag.....	1	1	c04
.....gucagguacuaggugacucugagA.....	1	1	c04
.....Gcagguacuaggugacuc.....	17	1	c04
.....ucagguacuaggugacuc.....	234	0	c04
.....ucagguacuaggugacuG.....	4	1	c04
.....ucagguacuaggugacGc.....	1	1	c04
.....ucagguaUuaggugacuc.....	1	1	c04
.....ucagguacuaggugacuU.....	8	1	c04
.....ucaggAacuaggugacuc.....	1	1	c04
.....ucagguacuaggugacuA.....	5	1	c04
.....ucaguacuagCugacuc.....	1	1	c04
.....ucagguacuaggugaAuc.....	1	1	c04
.....Gcagguacuaggugacucu.....	27	1	c04
.....ucagguaUuaggugacucu.....	1	1	c04
.....ucagguacuaggugacucu.....	385	0	c04
.....ucaCguacuaggugacucu.....	1	1	c04
.....Ccagguacuaggugacucu.....	1	1	c04
.....Acagguacuaggugacucu.....	1	1	c04
.....ucagguacuaggCgacucu.....	1	1	c04
.....ucaUguacuaggugacucu.....	1	1	c04
.....ucagguacuaggugacuUu.....	2	1	c04
.....ucagguacuaggugacuAu.....	3	1	c04
.....ucagguacuaggugacucC.....	2	1	c04
.....ucagguacuaggugacucG.....	1	1	c04
.....ucagguacuaggugacCcu.....	1	1	c04
.....ucagguacuaggugacucA.....	1	1	c04
.....Gcagguacuaggugacucug.....	20	1	c04
.....ucaCguacuaggugacucug.....	1	1	c04
.....ucagguacuaggugacucAg.....	1	1	c04

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....ucagguacuaggugacucug.....	375	0	c04
.....Acagguacuaggugacucug.....	1	1	c04
.....ucagguacuaggugacucuC.....	4	1	c04
.....ucagguacuaggugacuAug.....	1	1	c04
.....ucagguacuaggugacucuU.....	13	1	c04
.....ucagguacuaggugacucuA.....	9	1	c04
.....ucagguacuaggugacucCg.....	1	1	c04
.....ucagguacuaggugacuUuga.....	2	1	c04
.....ucagguacuaggugacucuCa.....	6	1	c04
.....ucUgguacuaggugacucuga.....	1	1	c04
.....ucGgguacuaggugacucuga.....	6	1	c04
.....ucaUguacuaggugacucuga.....	4	1	c04
.....ucagguacuaggugCcucuga.....	15	1	c04
.....ucagguacuaggugaUucuga.....	2	1	c04
.....ucagguacuaggugacucugG.....	4	1	c04
.....ucagCuacuaggugacucuga.....	8	1	c04
.....ucaggGacuaggugacucuga.....	2	1	c04
.....ucagguacuaggugacuAuga.....	4	1	c04
.....ucagguacAaggugacucuga.....	1	1	c04
.....ucCgguacuaggugacucuga.....	2	1	c04
.....ucagguacuaggGgacucuga.....	1	1	c04
.....uGagguacuaggugacucuga.....	3	1	c04
.....ucagguacuaggugacucCga.....	1	1	c04
.....ucagguacuaggugacucAga.....	1	1	c04
.....ucagguaUuaggugacucuga.....	2	1	c04
.....ucagguacuaCgugacucuga.....	2	1	c04
.....ucagguGcuaggugacucuga.....	1	1	c04
.....Acagguacuaggugacucuga.....	15	1	c04
.....ucagguacuaggugacucugU.....	15	1	c04
.....ucagguacuagguAacucuga.....	1	1	c04
.....ucagguacuagUugacucuga.....	2	1	c04
.....ucagUuacuaggugacucuga.....	4	1	c04
.....Ccagguacuaggugacucuga.....	1	1	c04
.....ucagguacuGggugacucuga.....	3	1	c04
.....ucagguacuagCugacucuga.....	9	1	c04
.....ucagguacuaggCgacucuga.....	1	1	c04
.....ucagguacGaggugacucuga.....	3	1	c04
.....Gcagguacuaggugacucuga.....	364	1	c04
.....ucagguaAuaggugacucuga.....	6	1	c04
.....ucagguacuaggAgacucuga.....	2	1	c04
.....ucagguacuaggugacAcuga.....	1	1	c04
.....ucagguacuaggugacucugC.....	10	1	c04
.....ucagguacuaggugacucuga.....	6133	0	c04
.....uUagguacuaggugacucuga.....	10	1	c04
.....ucagguacuaggugacucuAa.....	3	1	c04
.....ucagguacuaggugaAucuga.....	5	1	c04
.....uAagguacuaggugacucuga.....	3	1	c04
.....ucaCguacuaggugacucuga.....	3	1	c04
.....ucagguaGuaggugacucuga.....	1	1	c04
.....ucagguacuaggugacucuUa.....	3	1	c04
.....ucaAguacuaggugacucuga.....	2	1	c04
.....ucaggAacuaggugacucuga.....	5	1	c04
.....ucagguacuagguCacucuga.....	2	1	c04
.....ucagguacuagguUacucuga.....	3	1	c04
.....ucagguacuaUgugacucugag.....	8	1	c04
.....ucagguacuGggugacucugag.....	5	1	c04
.....ucagguUcuaggugacucugag.....	6	1	c04
.....ucaCguacuaggugacucugag.....	4	1	c04
.....ucagUuacuaggugacucugag.....	5	1	c04
.....ucagguacuaggugCcucugag.....	43	1	c04
.....Acagguacuaggugacucugag.....	53	1	c04
.....ucagguacuagguCacucugag.....	9	1	c04
.....ucagguacGaggugacucugag.....	7	1	c04
.....uAagguacuaggugacucugag.....	12	1	c04
.....ucagguaGuaggugacucugag.....	2	1	c04
.....ucaggCacuaggugacucugag.....	3	1	c04
.....ucCgguacuaggugacucugag.....	4	1	c04
.....ucagguacuaggugGcucugag.....	3	1	c04
.....ucagguacuagguUacucugag.....	3	1	c04
.....ucagguacuaggugacGcugag.....	2	1	c04

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....ucaggAacuaggugacucugag.....	5	1	c04
.....ucagguacuagAugacucugag.....	4	1	c04
.....Ccagguacuaggugacucugag.....	12	1	c04
.....ucagguacuaggugacuGugag.....	1	1	c04
.....ucagguacuaggugaAucugag.....	12	1	c04
.....uUagguacuaggugacucugag.....	17	1	c04
.....ucagguacuaggugacucGgag.....	2	1	c04
.....ucagguacuaggugacAcugag.....	17	1	c04
.....ucagguacuaggugacucugCg.....	24	1	c04
.....ucagguacuaggugaUucugag.....	5	1	c04
.....ucagguacuaggugacuUugag.....	3	1	c04
.....ucagguCcuaggugacucugag.....	1	1	c04
.....ucagguacuaCgugacucugag.....	12	1	c04
.....ucagguacuaggCgacucugag.....	4	1	c04
.....ucagguacuaggugacucAgag.....	5	1	c04
.....ucagguacuaggugacucuCag.....	12	1	c04
.....ucagguaUuaggugacucugag.....	5	1	c04
.....ucagguacuaggugacucuAag.....	1	1	c04
.....ucagguacuaggugacucugUg.....	2	1	c04
.....ucagguacuaggugUcucugag.....	6	1	c04
.....ucaAguacuaggugacucugag.....	3	1	c04
.....ucaUguacuaggugacucugag.....	10	1	c04
.....ucagguacuaggugaGucugag.....	1	1	c04
.....ucagguacuaggugacucCgag.....	4	1	c04
.....ucagguacuagCugacucugag.....	24	1	c04
.....ucagAuacuaggugacucugag.....	8	1	c04
.....ucagguacuaggugacucugag.....	19364	0	c04
.....ucagguacuagUugacucugag.....	8	1	c04
.....ucagguacuaggugacucugaC.....	19	1	c04
.....ucagguacuaggugacucuUag.....	10	1	c04
.....ucagguacuaggAgacucugag.....	6	1	c04
.....ucagguacCaggugacucugag.....	6	1	c04
.....Gcagguacuaggugacucugag.....	1185	1	c04
.....ucagguacuaggugacucugaU.....	61	1	c04
.....ucagguGcuaggugacucugag.....	3	1	c04
.....ucagguacuaAgugacucugag.....	2	1	c04
.....ucGgguacuaggugacucugag.....	7	1	c04
.....ucagguacuUggugacucugag.....	4	1	c04
.....uGagguacuaggugacucugag.....	4	1	c04
.....ucaggGacuaggugacucugag.....	1	1	c04
.....ucUgguacuaggugacucugag.....	5	1	c04
.....ucagguaAuaggugacucugag.....	7	1	c04
.....ucagCuacuaggugacucugag.....	23	1	c04
.....ucagguacuaggugacucugaA.....	712	1	c04
.....ucagguacuaggugacuAugag.....	18	1	c04
.....ucagguacAaggugacucugag.....	5	1	c04
.....ucagguacuaggugacucugGg.....	3	1	c04
.....ucagguacuaggugacCcugag.....	3	1	c04
.....ucagguacuagguAacucugag.....	5	1	c04
.....ucagguacuaCgugacucugagu.....	1	1	c04
.....ucagguacuaggugacucugUgu.....	1	1	c04
.....ucagguacuaggugacucugaCu.....	1	1	c04
.....ucagguacuagCugacucugagu.....	2	1	c04
.....ucagguacuaAgugacucugagu.....	1	1	c04
.....ucagguacuaggugacucugagC.....	47	1	c04
.....ucagguacuaggugacucugaAu.....	5	1	c04
.....Gcagguacuaggugacucugagu.....	12	1	c04
.....ucagguacuaggugacucugaUu.....	5	1	c04
.....ucagguacuaggugacucugagG.....	29	1	c04
.....ucagguacuaggugacucugagA.....	1246	1	c04
.....ucagguacuaggugacucugagu.....	198	0	c04
.....ucagguacuaggugacucugagAg.....	5	1	c04
.....ucagguacuaggugacucugaguC.....	4	1	c04
.....ucagguacuaggugacucugagCg.....	1	1	c04
.....ucagguacuaggugacucugaAug.....	1	1	c04
.....ucagguacuaggugacucugaguA.....	4	1	c04
.....ucagguacuaggugacucugagGg.....	3	1	c04
.....ucagguacuaggugacucugagug.....	10	0	c04
.....ucagguacuaggugacucugaguU.....	6	1	c04
.....ucagguacuaggugacucugagugg.....	15	0	c04

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugagugggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....Gcagguacuaggugacucugagugg.....	2	1	c04
.....ucagguacuaggugacucugaguCg.....	1	1	c04
.....uUagguacuaggugacucugagugg.....	1	1	c04
.....ucagguacuaggugacucugaguggU.....	1	1	c04
.....ucagguacuaggugCcucugaguggc.....	1	1	c04
.....ucagguacuaggugacucugaguggc.....	1	0	c04
.....ucagguacuaggugacucugaguggcc.....	4	0	c04
.....ucagguacuaggugacucugaguggGcg.....	1	1	c04
.....ucagguacuaggugacucugaguggccgc.....	1	0	c04
.....ucagguacuaggugacucugaguggccgcu.....	1	0	c04
.....ucagguacuaggugacucugaguggccgcucu.....	1	0	c04
.....cagguacuaggugacucuga.....	2	0	c04
.....Aagguacuaggugacucuga.....	1	1	c04
.....cagguacuaggugacucugag.....	17	0	c04
.....cagguacuaggugCcucugag.....	1	1	c04
.....Uagguacuaggugacucugag.....	1	1	c04
.....cagguacuaggugacucugagA.....	1	1	c04
.....agguacuaggugacucuga.....	8	0	c04
.....agguacuaggugacucugag.....	28	0	c04
.....agguacuaUgugacucugag.....	1	1	c04
.....Cgguacuaggugacucugag.....	2	1	c04
.....agguacuaggugacucugaU.....	1	1	c04
.....agguacuaggugacucugaA.....	1	1	c04
.....agguacuaggugacucugagA.....	2	1	c04
.....gguacuaggugacucuga.....	8	0	c04
.....gguacuaggugacucugag.....	17	0	c04
.....guacuaggugacucugaC.....	1	1	c04
.....guacuaggugacucugag.....	44	0	c04
.....guacuaggugacucugaA.....	3	1	c04
.....guacuaggugacucugaU.....	2	1	c04
.....guacuaggugacucugagA.....	6	1	c04
.....guacuaggugacucugagu.....	1	0	c04
.....guacuaggugacucugagC.....	1	1	c04
.....uacuaggugacucugagA.....	3	1	c04
.....cggagccgccucgugccucau.....	3	0	c04
.....cggagccgccucgugccucauU.....	2	1	c04
.....cggagccgccucgugccucauc.....	4	0	c04
.....cggagccgccucgugccucauca.....	1	0	c04
.....cggagccgccucgugccucaucC.....	1	1	c04

.gugagugcggcguaccggg.....	1	0	c16
.....ggUucagguacuaggugacu.....	1	1	c16
.....ggCucagguacuaggugacucuga.....	1	1	c16
.....ggUucagguacuaggugacucuga.....	1	1	c16
.....gggucagguacuaggugacucugag.....	1	0	c16
.....ggCucagguacuaggugacucugag.....	1	1	c16
.....gAgucagguacuaggugacucugag.....	1	1	c16
.....Cggucagguacuaggugacucugagu.....	1	1	c16
.....gUucagguacuaggugacucuga.....	1	1	c16
.....ggucagguacuaggugacucuga.....	1	0	c16
.....ggucagguacuaggugacucugag.....	2	0	c16
.....Cgucagguacuaggugacucugagu.....	1	1	c16
.....ggucagguacuaggugacucugagu.....	1	0	c16
.....gCucagguacuaggugacucugagu.....	1	1	c16
.....Uucagguacuaggugacuc.....	1	1	c16
.....gAcagguacuaggugacucuga.....	1	1	c16
.....Aucagguacuaggugacucuga.....	1	1	c16
.....Cucagguacuaggugacucuga.....	1	1	c16
.....Uucagguacuaggugacucuga.....	1	1	c16
.....Cucagguacuaggugacucugag.....	2	1	c16
.....Uucagguacuaggugacucugag.....	1	1	c16
.....gucagguacuaggugacucugaA.....	1	1	c16
.....guGagguacuaggugacucugag.....	1	1	c16
.....gGcagguacuaggugacucugagu.....	1	1	c16
.....ucagguacuaggugacuG.....	2	1	c16
.....Gcagguacuaggugacuc.....	40	1	c16
.....ucagguacuaggugacuc.....	381	0	c16
.....ucagguacuaggugacuU.....	1	1	c16
.....ucagguacuaggugacuA.....	1	1	c16
.....ucagguacuaggugCcuc.....	1	1	c16

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....ucaggGacuaggugacuc.....	1	1	c16
.....ucagguUcuaggugacuc.....	1	1	c16
.....ucagguacAaggugacuc.....	1	1	c16
.....ucaggCacuaggugacuc.....	1	1	c16
.....ucagguaAuaggugacuc.....	1	1	c16
.....ucaggAacuaggugacuc.....	1	1	c16
.....ucagguacuGggugacuc.....	1	1	c16
.....ucagguacuagguUacucu.....	2	1	c16
.....ucagUuacuaggugacucu.....	2	1	c16
.....ucagguacuaggugCcucu.....	2	1	c16
.....ucagguacuaggugacuGu.....	1	1	c16
.....ucagguacuaggugacucu.....	792	0	c16
.....uAagguacuaggugacucu.....	1	1	c16
.....ucagguacuaggugacucC.....	1	1	c16
.....ucagguacuaggugacucA.....	1	1	c16
.....ucagguacuaggugacuUu.....	1	1	c16
.....Acagguacuaggugacucu.....	7	1	c16
.....ucaCguacuaggugacucu.....	2	1	c16
.....ucagguGcuaggugacucu.....	1	1	c16
.....Ccagguacuaggugacucu.....	1	1	c16
.....Gcagguacuaggugacucu.....	72	1	c16
.....ucagguacuaggAgacucu.....	1	1	c16
.....ucagguacuagAugacucu.....	1	1	c16
.....ucagguacGaggugacucug.....	1	1	c16
.....ucagguacuaAgugacucug.....	1	1	c16
.....ucagguacuagUugacucug.....	2	1	c16
.....ucagUuacuaggugacucug.....	2	1	c16
.....ucagguacuaggugacucug.....	3454	0	c16
.....ucagguacuaggugacucuU.....	17	1	c16
.....ucagguacuaUgugacucug.....	3	1	c16
.....ucaggCacuaggugacucug.....	1	1	c16
.....ucagCuacuaggugacucug.....	3	1	c16
.....ucagguacuagguUacucug.....	1	1	c16
.....Acagguacuaggugacucug.....	15	1	c16
.....ucagguacuagCugacucug.....	6	1	c16
.....ucaCguacuaggugacucug.....	1	1	c16
.....uGagguacuaggugacucug.....	1	1	c16
.....ucagguacuaggugacucuC.....	1	1	c16
.....ucagguacAaggugacucug.....	1	1	c16
.....ucagguacuaCgugacucug.....	4	1	c16
.....ucaggAacuaggugacucug.....	1	1	c16
.....ucagguCcuaggugacucug.....	1	1	c16
.....ucagguacuagAugacucug.....	1	1	c16
.....ucagguacuaggugacAcug.....	2	1	c16
.....ucaUguacuaggugacucug.....	2	1	c16
.....Gcagguacuaggugacucug.....	313	1	c16
.....ucagguacuUggugacucug.....	2	1	c16
.....ucUgguacuaggugacucug.....	1	1	c16
.....uUagguacuaggugacucug.....	1	1	c16
.....ucagguacuaggugacCcug.....	2	1	c16
.....ucGgguacuaggugacucug.....	2	1	c16
.....ucagguacuaggugacucAg.....	1	1	c16
.....ucagguacuaggAgacucug.....	2	1	c16
.....ucagguacuaggugCcucug.....	8	1	c16
.....ucagguacuaggugacuAug.....	2	1	c16
.....ucagguacuaggugaAucug.....	2	1	c16
.....ucagguacuaggugaUucug.....	2	1	c16
.....Ccagguacuaggugacucug.....	1	1	c16
.....ucagguacuagguCacucug.....	2	1	c16
.....ucagguacuaggCgacucug.....	1	1	c16
.....ucagguacuaggugacucuA.....	2	1	c16
.....ucagguacuaggugacucAga.....	21	1	c16
.....ucagUuacuaggugacucuga.....	11	1	c16
.....ucagguacuaggugacucuCa.....	13	1	c16
.....ucagguacuagguAacucuga.....	3	1	c16
.....ucagguacuaggugCcucuga.....	77	1	c16
.....ucaUguacuaggugacucuga.....	7	1	c16
.....ucCgguacuaggugacucuga.....	6	1	c16
.....Acagguacuaggugacucuga.....	65	1	c16
.....ucagguacuaggCgacucuga.....	10	1	c16

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....ucagguacuaggugacucuAa.....	1	1	c16
.....ucagguacuaggugacuAuga.....	22	1	c16
.....ucagguacuaggugaAucuga.....	24	1	c16
.....Ccagguacuaggugacucuga.....	17	1	c16
.....ucagguacuaggugacucuga.....	26955	0	c16
.....ucagguacuaggAgacucuga.....	11	1	c16
.....ucagguacuaggugacuGuga.....	4	1	c16
.....ucagguacuaggugacAcuga.....	13	1	c16
.....Gcagguacuaggugacucuga.....	2511	1	c16
.....ucaggCacuaggugacucuga.....	7	1	c16
.....uGagguacuaggugacucuga.....	6	1	c16
.....ucaggGacuaggugacucuga.....	5	1	c16
.....uAagguacuaggugacucuga.....	30	1	c16
.....ucagguacuaggugGcucuga.....	7	1	c16
.....ucagguacuaggugacucugU.....	99	1	c16
.....ucagguacuagguCacucuga.....	24	1	c16
.....ucagguacuaggGgacucuga.....	3	1	c16
.....ucagguacuaggugacuUuga.....	13	1	c16
.....ucagguacuaggugacucuUa.....	15	1	c16
.....ucagguaUuaggugacucuga.....	10	1	c16
.....ucagguacuaggugacucCga.....	22	1	c16
.....ucGgguacuaggugacucuga.....	18	1	c16
.....ucagguacuGggugacucuga.....	10	1	c16
.....ucagguacuaggugacGcuga.....	2	1	c16
.....ucagguacCaggugacucuga.....	4	1	c16
.....ucagguacuagguUacucuga.....	18	1	c16
.....ucagguacuaUgugacucuga.....	18	1	c16
.....ucagguUcuaggugacucuga.....	4	1	c16
.....ucaAguacuaggugacucuga.....	5	1	c16
.....ucagguacuaggugUcucuga.....	2	1	c16
.....ucagguacuaggugacucugG.....	20	1	c16
.....ucagguacuCggugacucuga.....	1	1	c16
.....ucagguacuaggugaUucuga.....	7	1	c16
.....ucaggAacuaggugacucuga.....	13	1	c16
.....ucagguacuagCugacucuga.....	49	1	c16
.....ucagguaAuaggugacucuga.....	11	1	c16
.....ucagguacuaggugacucugC.....	64	1	c16
.....uUagguacuaggugacucuga.....	24	1	c16
.....ucagCuacuaggugacucuga.....	33	1	c16
.....ucagguacuaggugacucGga.....	2	1	c16
.....ucagAuacuaggugacucuga.....	2	1	c16
.....ucagguacuagAugacucuga.....	4	1	c16
.....ucagguacuaCgugacucuga.....	19	1	c16
.....ucagguacGaggugacucuga.....	8	1	c16
.....ucagguacuagUugacucuga.....	11	1	c16
.....ucagguaGuaggugacucuga.....	7	1	c16
.....ucagguacuUggugacucuga.....	5	1	c16
.....ucaCguacuaggugacucuga.....	20	1	c16
.....ucagguacuaggugaGucuga.....	3	1	c16
.....ucagguacAaggugacucuga.....	5	1	c16
.....ucagguacuaAgugacucuga.....	1	1	c16
.....ucUgguacuaggugacucuga.....	7	1	c16
.....ucagguacuaggugacCcuga.....	10	1	c16
.....ucagguacuaggugacucugaA.....	903	1	c16
.....ucagguacGaggugacucugag.....	8	1	c16
.....ucagguUcuaggugacucugag.....	3	1	c16
.....ucagguacuaggugaGucugag.....	9	1	c16
.....uGagguacuaggugacucugag.....	8	1	c16
.....ucagguaGuaggugacucugag.....	1	1	c16
.....ucagguacuaggugacuAugag.....	48	1	c16
.....ucagguacuaggugacGcugag.....	5	1	c16
.....ucagguacuaCgugacucugag.....	41	1	c16
.....ucagguCcuaggugacucugag.....	7	1	c16
.....ucagguacuaggAgacucugag.....	26	1	c16
.....ucagCuacuaggugacucugag.....	73	1	c16
.....ucagguacuaggugacucuAag.....	6	1	c16
.....ucagguacuaggugacAcugag.....	32	1	c16
.....ucagguacuaggugacucugUg.....	9	1	c16
.....ucUgguacuaggugacucugag.....	5	1	c16
.....ucagguacuaggugacucugCg.....	84	1	c16

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugagugggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....ucGgguacuaggugacucugag.....	35	1	c16
.....Ccagguacuaggugacucugag.....	20	1	c16
.....ucagguacuaggugacucAgag.....	26	1	c16
.....ucaAguacuaggugacucugag.....	4	1	c16
.....ucagguacuaggugUcucugag.....	7	1	c16
.....ucagguacuaggugGcucugag.....	8	1	c16
.....ucagguacuaAgugacucugag.....	4	1	c16
.....uUagguacuaggugacucugag.....	36	1	c16
.....ucagguacuaggugacucugGg.....	14	1	c16
.....ucagguacuaggugacucugaC.....	61	1	c16
.....ucagguacuaggugacCcugag.....	10	1	c16
.....ucagguacuagAugacucugag.....	5	1	c16
.....ucagguacuagCugacucugag.....	69	1	c16
.....ucagguacuaggugacucugaU.....	326	1	c16
.....ucaUguacuaggugacucugag.....	24	1	c16
.....ucagUuacuaggugacucugag.....	12	1	c16
.....ucagguacCaggugacucugag.....	10	1	c16
.....ucCgguacuaggugacucugag.....	16	1	c16
.....ucaggAacuaggugacucugag.....	43	1	c16
.....ucagguacuagUugacucugag.....	33	1	c16
.....ucagguaUuaggugacucugag.....	17	1	c16
.....ucagguacuGggugacucugag.....	20	1	c16
.....ucaggGacuaggugacucugag.....	14	1	c16
.....ucagguacuaggugaAucugag.....	29	1	c16
.....ucagguacuaggugacucuUag.....	21	1	c16
.....ucagguacuaggGgacucugag.....	7	1	c16
.....ucagguacuagguAacucugag.....	6	1	c16
.....ucagguacuCggugacucugag.....	4	1	c16
.....ucagguacuUggugacucugag.....	10	1	c16
.....ucaggCacuaggugacucugag.....	9	1	c16
.....ucagguaAuaggugacucugag.....	29	1	c16
.....Gcagguacuaggugacucugag.....	4306	1	c16
.....ucaCguacuaggugacucugag.....	34	1	c16
.....ucagguacuaUgugacucugag.....	30	1	c16
.....ucagguacuaggugacuUugag.....	17	1	c16
.....ucagguacAaggugacucugag.....	14	1	c16
.....ucagguacuaggugacucuCag.....	40	1	c16
.....ucagguacuaggugacuGugag.....	3	1	c16
.....uAagguacuaggugacucugag.....	37	1	c16
.....ucagguacuaggugacucCgag.....	27	1	c16
.....ucagguacuaggugacucugag.....	49603	0	c16
.....Acagguacuaggugacucugag.....	141	1	c16
.....ucagAuacuaggugacucugag.....	4	1	c16
.....ucagguacuagguCacucugag.....	31	1	c16
.....ucagguacuaggugacucGgag.....	9	1	c16
.....ucagguacuaggugCcucugag.....	169	1	c16
.....ucagguacuaggugaUucugag.....	17	1	c16
.....ucagguacuagguUacucugag.....	16	1	c16
.....ucagguGcuaggugacucugag.....	4	1	c16
.....ucagguacuaggCgacucugag.....	15	1	c16
.....ucagguacuaggugacucugGgu.....	1	1	c16
.....uUagguacuaggugacucugagu.....	6	1	c16
.....ucagguacuaggugacuGugagu.....	1	1	c16
.....ucagguacuaggugacucugaCu.....	8	1	c16
.....ucagguacuaggugacuAugagu.....	8	1	c16
.....ucagguacuaggugacuUugagu.....	3	1	c16
.....ucagguacuagguAacucugagu.....	1	1	c16
.....ucagguacuaggugacucugaUu.....	127	1	c16
.....ucaAguacuaggugacucugagu.....	1	1	c16
.....ucagguGcuaggugacucugagu.....	2	1	c16
.....ucagguacuaggugaAucugagu.....	2	1	c16
.....ucagguacuaggugacucugUgu.....	2	1	c16
.....ucagguacuaggugaGucugagu.....	3	1	c16
.....ucagguacuagUugacucugagu.....	6	1	c16
.....ucagguacuaggugacucugagu.....	7349	0	c16
.....ucagguacuaggugaUucugagu.....	4	1	c16
.....ucaggCacuaggugacucugagu.....	5	1	c16
.....Acagguacuaggugacucugagu.....	24	1	c16
.....ucaUguacuaggugacucugagu.....	2	1	c16
.....ucagguacuaggugacucugagA.....	982	1	c16

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....ucagguacuGggugacucugagu.....	2	1	c16
.....ucagguacuaggAgacucugagu.....	4	1	c16
.....Ccagguacuaggugacucugagu.....	11	1	c16
.....ucagguacuaggugUcucugagu.....	1	1	c16
.....ucaggGacuaggugacucugagu.....	6	1	c16
.....ucagguacuaUgugacucugagu.....	7	1	c16
.....ucagguacuaggugGcucugagu.....	4	1	c16
.....ucagguacuCggugacucugagu.....	1	1	c16
.....ucagUuacuaggugacucugagu.....	1	1	c16
.....ucagguacuaCgugacucugagu.....	8	1	c16
.....ucagguacuaggugacucugagC.....	132	1	c16
.....uAagguacuaggugacucugagu.....	8	1	c16
.....ucUgguacuaggugacucugagu.....	2	1	c16
.....ucaCguacuaggugacucugagu.....	9	1	c16
.....ucagguacuaggugacucGgagu.....	1	1	c16
.....ucagguacuaggugCcucugagu.....	21	1	c16
.....ucagguacuaggugacucugaAu.....	60	1	c16
.....ucagguUcuaggugacucugagu.....	1	1	c16
.....ucagguacuagAugacucugagu.....	1	1	c16
.....ucagguaUuaggugacucugagu.....	2	1	c16
.....ucaggAacuaggugacucugagu.....	4	1	c16
.....ucagguacuaggugacucuCagu.....	3	1	c16
.....ucagguacuaggugacCcugagu.....	1	1	c16
.....ucagguacuagCugacucugagu.....	14	1	c16
.....ucGgguacuaggugacucugagu.....	4	1	c16
.....ucagguacuaggugacucuUagu.....	3	1	c16
.....ucagguacuagguUacucugagu.....	2	1	c16
.....ucagguacuaggugacucAgagu.....	2	1	c16
.....ucagguacuaggugacAcugagu.....	3	1	c16
.....ucagguacuagguCacucugagu.....	5	1	c16
.....Gcagguacuaggugacucugagu.....	716	1	c16
.....ucagguacuaggugacucuAagu.....	1	1	c16
.....ucagguacuaggugacucugagG.....	40	1	c16
.....ucagguacuaggCgacucugagu.....	1	1	c16
.....ucagguacuaggugacucCgagu.....	3	1	c16
.....ucagCuacuaggugacucugagu.....	10	1	c16
.....ucagguacuaggugacucugCgu.....	6	1	c16
.....ucagguacuUggugacucugagu.....	1	1	c16
.....ucCgguacuaggugacucugagu.....	1	1	c16
.....ucagguaAuaggugacucugagu.....	3	1	c16
.....ucagguCcuaggugacucugagu.....	1	1	c16
.....ucagguacuaggugacucugagGg.....	3	1	c16
.....ucagguacuaggugacucugagug.....	5	0	c16
.....ucagguacuaggugacucugagAg.....	1	1	c16
.....ucagguacuaggugacucugaguA.....	21	1	c16
.....ucagguacuaggugacucugaguU.....	191	1	c16
.....ucagguacuaggugacucugaguC.....	9	1	c16
.....Gcagguacuaggugacucugagug.....	2	1	c16
.....ucagguacuaggugacucugagGgg.....	2	1	c16
.....Gcagguacuaggugacucugagugg.....	1	1	c16
.....ucagguacuaggugacucugaguUg.....	1	1	c16
.....ucagguacuaggugacucugagugg.....	7	0	c16
.....ucagguacuaggugacucugaguggc.....	2	0	c16
.....ucagguacuaggugacucugaguggcc.....	1	0	c16
.....ucagguacuaggugacucugaguggccg.....	1	0	c16
.....ucagguacuaggugacucugaguggccgc.....	1	0	c16
.....ucagguacuaggugacucugaguggccgcu.....	3	0	c16
.....ucagguacuaggugacucugaguggccgcuc.....	1	0	c16
.....ucagguacuaggugacucugaguggccgcucu.....	8	0	c16
.....ucagguacuaggugacucugaguggccgcucuU.....	1	1	c16
.....Uagguacuaggugacucug.....	1	1	c16
.....cagguacuaggugacucuga.....	6	0	c16
.....cagguacuaggugacucugU.....	1	1	c16
.....cagguacuagguUacucuga.....	2	1	c16
.....Uagguacuaggugacucuga.....	1	1	c16
.....cagguacuaggugacucugag.....	18	0	c16
.....Gagguacuaggugacucugag.....	1	1	c16
.....Uagguacuaggugacucugag.....	1	1	c16
.....cagguacuaggugacucugagu.....	2	0	c16
.....cagguacuaggugacucugagA.....	1	1	c16

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....cagguacuaggugacucugaguA.....	2	1	c16
.....agguacuaggugacucug.....	3	0	c16
.....agguacuaggugacucuga.....	38	0	c16
.....agguacuaggugacucugag.....	56	0	c16
.....agguacuaggugacucAgag.....	1	1	c16
.....agguacuaggugacucCgag.....	1	1	c16
.....Cgguacuaggugacucugag.....	4	1	c16
.....agguacuaggugacucugaA.....	1	1	c16
.....agguacuaggugacucugagu.....	12	0	c16
.....Cgguacuaggugacucugagu.....	3	1	c16
.....agguacuaggugacucugagA.....	1	1	c16
.....agguacuaggugCcucugagu.....	1	1	c16
.....agguacuaggugacucugaUu.....	1	1	c16
.....gguacuaggugacucuga.....	4	0	c16
.....gguacuagCugacucuga.....	1	1	c16
.....gguacuaggugacucugag.....	12	0	c16
.....gguacuaggugacucugaA.....	1	1	c16
.....gguacuaggugacucugagu.....	3	0	c16
.....guacuagguCacucugag.....	1	1	c16
.....guacuaggugacucugag.....	92	0	c16
.....Uuacuaggugacucugag.....	1	1	c16
.....guacuaggugacuAugag.....	1	1	c16
.....guacuaggugacucugaA.....	1	1	c16
.....gCacuaggugacucugag.....	1	1	c16
.....Auacuaggugacucugagu.....	1	1	c16
.....guacuaggugacucugagA.....	5	1	c16
.....guacuaggugacuAugagu.....	1	1	c16
.....guacuaggugacucugagu.....	21	0	c16
.....guacuaggugacucugaguU.....	2	1	c16
.....guacuaggugacucugaguggccgcucu.....	1	0	c16
.....uacuaggugacucugagu.....	15	0	c16
.....Aacuaggugacucugagu.....	1	1	c16
.....uacuaggugacucugagA.....	3	1	c16
.....uacuaggugacucugaguU.....	1	1	c16
.....acuaggugacucugaguU.....	2	1	c16
.....cggagccgccucgugccuc.....	1	0	c16
.....cggCgccgccucgugccuca.....	1	1	c16
.....cggagccgccucgugccuca.....	5	0	c16
.....cggagccgccucgugAcucau.....	1	1	c16
.....cggagccgccucgugccucau.....	20	0	c16
.....cggaCccgccucgugccucau.....	1	1	c16
.....cggCgccgccucgugccucau.....	1	1	c16
.....cggagccgccucgugccucauU.....	12	1	c16
.....cggagccgccucgugccucauc.....	30	0	c16
.....cggagccgccucgugccAcauc.....	1	1	c16
.....cggagccgccucgugccucaucU.....	4	1	c16
.....cggagccgccucgugccucauca.....	32	0	c16
.....cggaCccgccucgugccucauca.....	1	1	c16
.....cggagccgccucgugccucaucaU.....	4	1	c16

.....cgUgucagguacuaggugacucugag.....	1	1	c09
.....Cggucagguacuaggugacucugag.....	1	1	c09
.....gCucagguacuaggugacucuga.....	2	1	c09
.....gUucagguacuaggugacucugag.....	1	1	c09
.....Cucagguacuaggugacucuga.....	2	1	c09
.....Aucagguacuaggugacucuga.....	1	1	c09
.....Cucagguacuaggugacucugag.....	2	1	c09
.....Uucagguacuaggugacucugag.....	1	1	c09
.....uAagguacuaggugacuc.....	1	1	c09
.....ucagguacuaggugacuc.....	325	0	c09
.....ucaCguacuaggugacuc.....	1	1	c09
.....Acagguacuaggugacuc.....	1	1	c09
.....ucagguacuaggugGcuc.....	2	1	c09
.....Gcagguacuaggugacuc.....	31	1	c09
.....ucagguacuaggugacGc.....	1	1	c09
.....ucagguacuaggugaUuc.....	1	1	c09
.....ucagguacuaggugacuA.....	1	1	c09
.....ucagguacuaggugacuU.....	4	1	c09
.....ucagguacuaggugUcuc.....	1	1	c09
.....ucagguacuagCugacuc.....	1	1	c09

Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....ucagguacuagguCacuc.....	1	1	c09
.....ucagguacuaggugCcuc.....	1	1	c09
.....ucagguacuaAgugacuc.....	1	1	c09
.....ucagguacuaggugacuG.....	2	1	c09
.....ucGgguacuaggugacuc.....	1	1	c09
.....ucagguacuaggugacucC.....	2	1	c09
.....ucagAuacuaggugacucu.....	1	1	c09
.....Gcagguacuaggugacucu.....	37	1	c09
.....ucagguacuaggugacuAu.....	2	1	c09
.....ucagguacCaggugacucu.....	1	1	c09
.....ucagguacuaggugaGucu.....	2	1	c09
.....ucagguaAuaggugacucu.....	1	1	c09
.....ucagguacuaCgugacucu.....	1	1	c09
.....uAagguacuaggugacucu.....	1	1	c09
.....ucagguacuaggugacuUu.....	1	1	c09
.....ucagguacuagCugacucu.....	3	1	c09
.....Acagguacuaggugacucu.....	1	1	c09
.....ucagguacuaggugacucu.....	506	0	c09
.....ucagguacuagguUacucu.....	1	1	c09
.....ucagguacuaAgugacucu.....	1	1	c09
.....ucagguacuaUgugacucu.....	1	1	c09
.....ucUgguacuaggugacucu.....	2	1	c09
.....ucagguacuaggugacucA.....	1	1	c09
.....Gcagguacuaggugacucug.....	62	1	c09
.....ucagguacuaggugacucuA.....	2	1	c09
.....ucagguacuaggugacucuU.....	1	1	c09
.....ucagguacuagguCacucug.....	2	1	c09
.....ucagguacAaggugacucug.....	1	1	c09
.....ucagguacuaggugCcucug.....	1	1	c09
.....ucCgguacuaggugacucug.....	1	1	c09
.....ucaCguacuaggugacucug.....	1	1	c09
.....ucagguacuaggugacuAug.....	1	1	c09
.....ucagguacuaggugacucug.....	824	0	c09
.....ucagguacuagguUacucug.....	1	1	c09
.....ucagCuacuaggugacucug.....	2	1	c09
.....uUagguacuaggugacucug.....	1	1	c09
.....ucagguacuagCugacucug.....	2	1	c09
.....ucagguacuaggugacGcug.....	1	1	c09
.....ucagAuacuaggugacucug.....	1	1	c09
.....ucagguacuaggugacucAg.....	1	1	c09
.....ucGgguacuaggugacucug.....	1	1	c09
.....Acagguacuaggugacucug.....	4	1	c09
.....ucagguacuaggugacucuC.....	3	1	c09
.....ucCgguacuaggugacucuga.....	5	1	c09
.....ucagguGcuaggugacucuga.....	1	1	c09
.....ucagguacuaggugacucCga.....	5	1	c09
.....ucagAuacuaggugacucuga.....	2	1	c09
.....ucagguacuaggugacucuAa.....	1	1	c09
.....ucagguacuagguUacucuga.....	4	1	c09
.....ucagguacuaggugacuUuga.....	4	1	c09
.....ucagguacuagUugacucuga.....	4	1	c09
.....ucagguacuagguCacucuga.....	10	1	c09
.....ucagguacuaggCgacucuga.....	2	1	c09
.....ucagguacCaggugacucuga.....	2	1	c09
.....ucagguacuaggugUcucuga.....	3	1	c09
.....ucagguacuaggugacAcuga.....	2	1	c09
.....ucagguacuaggugCcucuga.....	26	1	c09
.....ucagguacuaUgugacucuga.....	9	1	c09
.....ucagguacuaggugacucugG.....	6	1	c09
.....ucagguacuaggugaGucuga.....	1	1	c09
.....ucagguacuUggugacucuga.....	2	1	c09
.....ucGgguacuaggugacucuga.....	8	1	c09
.....ucagguacuaCgugacucuga.....	7	1	c09
.....ucagguacuaggugacucuga.....	10861	0	c09
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.....ucagguacuaggugacCcuga.....	4	1	c09
.....ucagguacuaggugacucGga.....	2	1	c09
.....ucagguacuaggugacGcuga.....	1	1	c09
.....ucaAguacuaggugacucuga.....	4	1	c09
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Mature Star

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.....ucagguaUuaggugacucuga.....	4	1	c09
.....ucagguacGaggugacucuga.....	1	1	c09
.....Acagguacuaggugacucuga.....	40	1	c09
.....uUagguacuaggugacucuga.....	7	1	c09
.....ucagguacuaggugacucugC.....	26	1	c09
.....ucagguaGuaggugacucuga.....	1	1	c09
.....ucagguacuaggugacucugU.....	14	1	c09
.....ucagguaAuaggugacucuga.....	2	1	c09
.....ucagguacuagCugacucuga.....	19	1	c09
.....uGagguacuaggugacucuga.....	2	1	c09
.....ucagguacuaggugacucAga.....	8	1	c09
.....ucagguacuGggugacucuga.....	3	1	c09
.....ucUgguacuaggugacucuga.....	3	1	c09
.....ucagguacuaggAgacucuga.....	6	1	c09
.....ucagguacuagAugacucuga.....	1	1	c09
.....ucagguacuaggugacuAuga.....	8	1	c09
.....ucaUguacuaggugacucuga.....	2	1	c09
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.....uAagguacuaggugacucuga.....	10	1	c09
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.....ucagguacuaggugGcucuga.....	2	1	c09
.....ucagguacuaAgugacucuga.....	1	1	c09
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.....ucagUuacuaggugacucugag.....	6	1	c09
.....ucagguacuaggugacucugaC.....	27	1	c09
.....ucagguacuaAgugacucugag.....	3	1	c09
.....ucagguacuagUugacucugag.....	8	1	c09
.....ucagguacCaggugacucugag.....	5	1	c09
.....ucagguacuaggugaAucugag.....	6	1	c09
.....ucagguacuaggugUcucugag.....	7	1	c09
.....ucagguacuaggugacuUugag.....	8	1	c09
.....ucagguCcuaggugacucugag.....	2	1	c09
.....ucagguacuaggugacucAgag.....	8	1	c09
.....Acagguacuaggugacucugag.....	80	1	c09
.....ucaCguacuaggugacucugag.....	5	1	c09
.....ucagguacuaggugacucugUg.....	2	1	c09
.....ucagguGcuaggugacucugag.....	1	1	c09
.....ucagguacuaggugacucugaU.....	96	1	c09
.....ucagguacuaggCgacucugag.....	3	1	c09
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.....ucagguacuaCgugacucugag.....	17	1	c09
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.....ucCgguacuaggugacucugag.....	4	1	c09
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.....ucagguacuaUgugacucugag.....	10	1	c09
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Mature Star

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.....ucaggGacuaggugacucugag.....	1	1	c09
.....ucagguacuagguAacucugag.....	2	1	c09
.....ucagguaAuaggugacucugag.....	8	1	c09
.....ucaggCacuaggugacucugag.....	5	1	c09
.....uAagguacuaggugacucugag.....	19	1	c09
.....ucagguacuaggugacCcugag.....	5	1	c09
.....ucaggAacuaggugacucugag.....	8	1	c09
.....ucagCuacuaggugacucugag.....	39	1	c09
.....ucagAuacuaggugacucugag.....	1	1	c09
.....ucagguacuaggugacucugaA.....	136	1	c09
.....ucagguacuaggugCcucugag.....	80	1	c09
.....ucagguaGuaggugacucugag.....	2	1	c09
.....ucagguacuagAugacucugag.....	5	1	c09
.....ucagguacuaggugacucuUag.....	2	1	c09
.....ucagguUcuaggugacucugag.....	5	1	c09
.....ucagguacuaggugacGcugag.....	3	1	c09
.....uGagguacuaggugacucugag.....	1	1	c09
.....ucagguacuaggugacucugGg.....	10	1	c09
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.....ucaUguacuaggugacucugag.....	8	1	c09
.....ucagguacuaggugacAcugag.....	16	1	c09
.....Gcagguacuaggugacucugag.....	1449	1	c09
.....Ccagguacuaggugacucugagu.....	1	1	c09
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.....ucagguacuaggugacucugaCu.....	2	1	c09
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.....ucagguacuaggugacucugaUu.....	9	1	c09
.....ucagguacuaggugacucuAagu.....	1	1	c09
.....Gcagguacuaggugacucugagu.....	30	1	c09
.....ucagguacuaggugacucugagC.....	69	1	c09
.....Acagguacuaggugacucugagu.....	2	1	c09
.....ucaUguacuaggugacucugagu.....	1	1	c09
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.....ucagguacuaggugacucugagG.....	33	1	c09
.....ucagguacuaggugacucugagA.....	486	1	c09
.....ucagguacuaggugacucugagu.....	386	0	c09
.....ucagguacuaggugacucugagCg.....	1	1	c09
.....ucagguacuaggugacucugagAg.....	3	1	c09
.....ucagguacuaggugacucugaguA.....	1	1	c09
.....ucagguacuaggugacucugagGg.....	1	1	c09
.....ucagguacuaggugacucugaguU.....	2	1	c09
.....ucagguacuaggugacucugaUug.....	1	1	c09
.....ucagguacuaggugacucugaguC.....	5	1	c09
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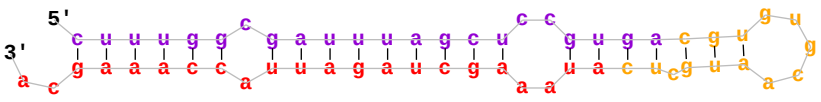
.....ucagguacuaggugacucugaguggccgcucucggag.....	1	0	c09
.....cagguacuaggugacucuga.....	6	0	c09
.....Uagguacuaggugacucuga.....	1	1	c09
.....cagguacuaggugacucugag.....	13	0	c09
.....cagguacuaggugacucCgag.....	1	1	c09
.....cagUuacuaggugacucugag.....	1	1	c09
.....agguacuaggugacucug.....	1	0	c09
.....agguacuaggugacucuga.....	22	0	c09
.....agguacuaggugacucugaA.....	1	1	c09
.....agUuacuaggugacucugag.....	1	1	c09
.....agguacuaggugacucugag.....	37	0	c09
.....Cgguacuaggugacucugag.....	1	1	c09
.....agguacuaggugCcucugag.....	1	1	c09
.....agguacuaggugacucugagu.....	1	0	c09
.....gguacuaggugacucuga.....	11	0	c09

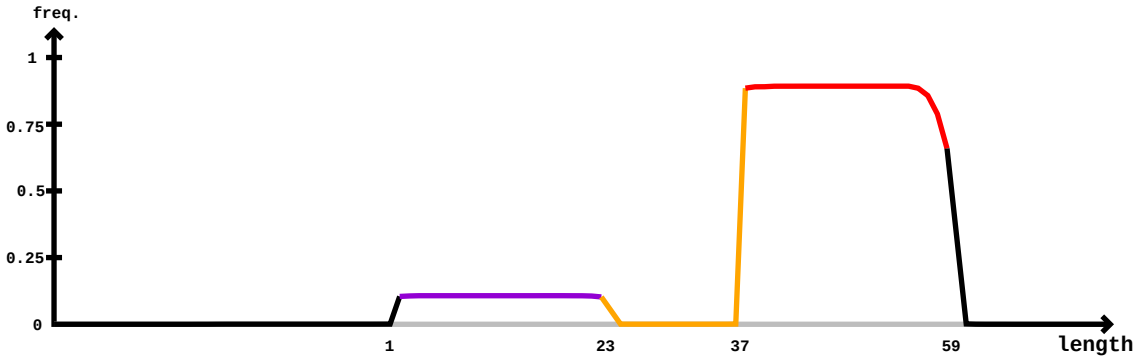
Mature Star

ggugagugcggcguaccgggucagguacuaggugacucugaguggccgcucucggagccgccucgugccucaucacggcgcgccgccgacgcuucgccugcgggaggc

.....Cguacuaggugacucuga.....	1	1	c09
.....gguacuaggugacucugag.....	15	0	c09
.....gguacuaggugacucugaU.....	1	1	c09
.....ggAacuaggugacucugag.....	1	1	c09
.....gguUcuaggugacucugag.....	1	1	c09
.....gguacuaggugacucugaguggcc.....	1	0	c09
.....guacuaggugacucugaA.....	2	1	c09
.....guaUuaggugacucugag.....	1	1	c09
.....guacuaggugacucugag.....	78	0	c09
.....guacuagguUacucugag.....	1	1	c09
.....guacuaggugacucAgag.....	1	1	c09
.....guacuaggugacucugagA.....	3	1	c09
.....guacuaggugacucugaUu.....	1	1	c09
.....guacuaggugacucugagu.....	2	0	c09
.....uacuaggugacucugagC.....	1	1	c09
.....uacuaggugacucugagA.....	2	1	c09
.....uacuaggugacucugagu.....	1	0	c09
.....acuaggugacucugagGg.....	1	1	c09
.....acuaggugacucugaguggccgcucuU.....	2	1	c09
.....cucggagccgccucgugccucau.....	2	0	c09
.....cggagccgccucgugccu.....	1	0	c09
.....cggagccgccucgugccucau.....	5	0	c09
.....cggCgccgccucgugccucauc.....	1	1	c09
.....cggagccgccucgugccucauc.....	5	0	c09
.....cggCgccgccucgugccucauca.....	1	1	c09
.....cggagccgccucgugccucauca.....	9	0	c09

Provisional ID	:	tig00003240_group8_38425
Score total	:	28099.9
Score for star read(s)	:	3.9
Score for read counts	:	28089.5
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	55108
Mature read count	:	49220
Loop read count	:	0
Star read count	:	5888





Star **Mature**

```
5'- ccgacgcuucgccugcgggaggcucgccgcggcucuuuggcgauuuagcuccgugacgugugcaaugcucauaaagcuagauuaccaaagcaccgcgucgaagcacug  -3'   obs
    ccgacgcuucgccugcgggaggcucgccgcggcucuuuggcgauuuagcuccgugacgugugcaaugcucauaaagcuagauuaccaaagcaccgcgucgaagcacug       exp
    .....((((((.(....).)))))))(((((((..(((((((.((((((((((..(((((((.....))).)))))..)))))))))).)))))))..)))))).)))..... reads     mm        sample
    .............ugcgggaggcucgccgcggcu.................................................................................. 4         0         c15
    .............gcgggaggcucgccgcggcu.................................................................................. 1         0         c15
    ..............cgggaggcucgccgcggcu.................................................................................. 8         0         c15
    ..............cgggaggcucgccgcggUu.................................................................................. 1         1         c15
    ...............gggaggcucgccgcggcu.................................................................................. 1         0         c15
    .................................ucuuuggcgauuuagcuccgu.............................................................. 1         0         c15
    .................................ucuuuggcgauuuagcuccgugU............................................................. 1         1         c15
    .................................ucuuuggcgauuuagcuccguga............................................................. 2         0         c15
    .................................ucuuuggcgauuuagcuccgugaU............................................................ 1         1         c15
    ................................cuuuggcgauuuagcuccg.................................................................. 3         0         c15
    ................................cuuuggcgauuuagcuccA.................................................................. 1         1         c15
    ................................cuuuggcgauuuagcuccAu................................................................. 1         1         c15
    ................................cuuuggcgauuuagcuccgA................................................................. 1         1         c15
    ................................cuuuggcgauuuagcuccgu................................................................. 10        0         c15
    ................................cuuuggcgauuuagcuccgug................................................................ 115       0         c15
    ................................cuuuggcgauuuagcuccguA................................................................ 5         1         c15
    ................................cuuuggcgauuuaUcuccgug................................................................ 1         1         c15
    ................................cuuuggcgauuuagcuccguU................................................................ 1         1         c15
    ................................cuuuggcgauuuagUuccgug................................................................ 1         1         c15
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    ................................cuuuggcgauuuagcuccAuga............................................................... 3         1         c15
    ................................cGuuggcgauuuagcuccguga............................................................... 5         1         c15
    ................................cuuuggcgauuuagcuccguUa............................................................... 3         1         c15
```

Star Mature

ccgacgcuucgccugcgggaggcucgccgcggcucuuuggcgauuuagcuccgugacgugugcaaugcucauaaagcuagauuaccaaagcaccgcgucgaagcacug

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.....cuuuggcgauuuCgcuccguga.....	1	1	c15
.....Auuuggcgauuuagcuccguga.....	1	1	c15
.....cuuuggcgauuuagcuccguAa.....	6	1	c15
.....cuuuggcgauuuaUcuccguga.....	1	1	c15
.....cuuuggcgauuuagcuccgCga.....	2	1	c15
.....cuuuggcgauuuagcucUguga.....	4	1	c15
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.....cuuuggcgauuuagcuAcguga.....	1	1	c15
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.....cuuuggcgauuuagcuccgugG.....	2	1	c15
.....cuuuggcgauuuagUuccguga.....	1	1	c15
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.....cuuuggcgUuuuagcuccguga.....	2	1	c15
.....cuuuggcgauuuagcucAguga.....	4	1	c15
.....cuuuggAgauuuagcuccguga.....	2	1	c15
.....cuuuggUgauuuagcuccgugac.....	1	1	c15
.....cuuuggcgauuuagcuccgugaU.....	65	1	c15
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.....cauaaagcuagauuaccaaaA.....	1	1	c15
.....cauaaagcuagauuaccaaagc.....	1	0	c15
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.....auaaagcuagauuaccaa.....	25	0	c15
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.....auaaagcuagauGaccaaag.....	1	1	c15
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.....auaaagcuagauuaccaaUg.....	1	1	c15
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.....auaaagcuagauuaccaaagc.....	2518	0	c15
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Star Mature

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.....auaaagcuagauuGccaaagca.....	2	1	c15
.....auaaagcuagaCuaccaaagca.....	5	1	c15
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.....auaaagcuagauuacAaaagca.....	6	1	c15
.....auaaagcuagauuaccUaagca.....	1	1	c15
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.....auaaagcuagauuaccaUagca.....	2	1	c15
.....auaaagcuagauCaccaaagca.....	1	1	c15
.....auaUagcuagauuaccaaagca.....	1	1	c15
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.....auaaagcuagauuaccaaagcC.....	1	1	c15
.....auaaagcuagauuaccaaagAa.....	2	1	c15
.....auaaagcuaAauuaccaaagca.....	1	1	c15
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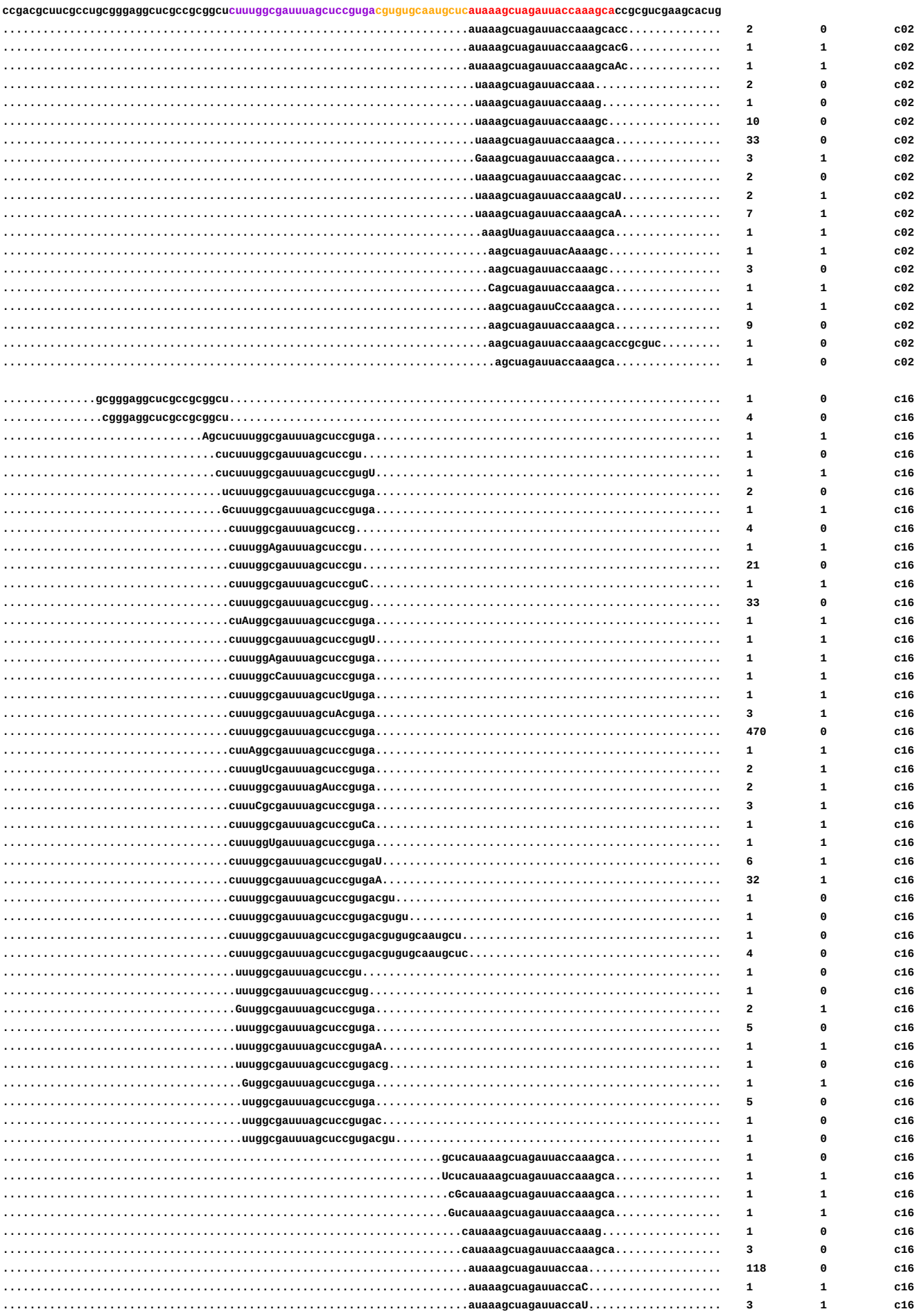
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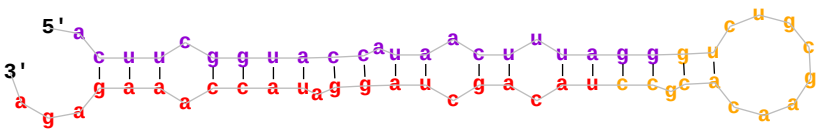
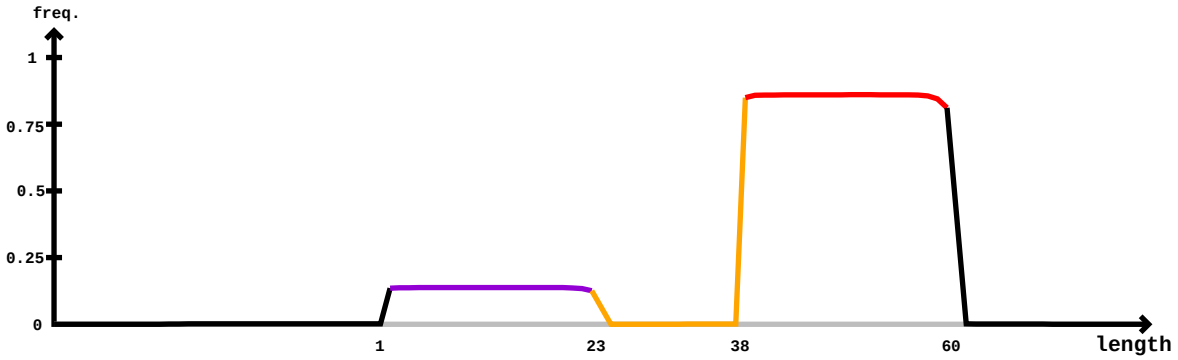
.....aaagcuagauuaccaaagc.....	2	0	c09
.....aaagcuagauuaccaaagca.....	4	0	c09
.....aaaAcuagauuaccaaagca.....	1	1	c09
.....aagcuagauuaccaaagc.....	11	0	c09
.....Cagcuagauuaccaaagc.....	1	1	c09
.....aagcAagauuaccaaagca.....	1	1	c09
.....aagcuagauuaccaaagca.....	32	0	c09
.....aaAcuagauuaccaaagca.....	1	1	c09
.....aagcuagauuaccaaagUa.....	1	1	c09
.....aagcuagauuaccaaagAa.....	1	1	c09
.....Cagcuagauuaccaaagca.....	1	1	c09
.....aagGuagauuaccaaagca.....	1	1	c09
.....agcuagauuaccaaagca.....	2	0	c09
.....Ggcuagauuaccaaagca.....	1	1	c09

Provisional ID	:	tig00003240_group8_38432
Score total	:	635.7
Score for star read(s)	:	3.9
Score for read counts	:	632.8
Score for mfe	:	1.8
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	1253
Mature read count	:	1080
Loop read count	:	0
Star read count	:	173





Star **Mature**

```
5'- cggcggcauccgcugcggacgccgcgacucguaacuucgguaccauaacuuuagggucugcgaacacgccuacagcuaggauaccaaagagacgagccgcgacucgaggugg  -3'   obs
    cggcggcauccgcugcggacgccgcgacucguaacuucgguaccauaacuuuagggucugcgaacacgccuacagcuaggauaccaaagagacgagccgcgacucgaggugg        exp
    ..(((((.((((...)))).)))))..((((((..(((.(((((((.((.((.((((((........)).)))))..)).)))).)))).)))..)))))))(((........)))) reads     mm      sample
    ................................aacuucgguaccauaacuuua.......................................................... 1         0       c16
    ................................Ccuucgguaccauaacuuuagg.......................................................... 1         1       c16
    ................................acuucgguaccauaacuuuagg.......................................................... 7         0       c16
    ....................................................................Gacagcuaggauaccaaaga..................... 1         1       c16
    ....................................................................uacagcuaggauaccaaaga..................... 3         0       c16
    ....................................................................uacGgcuaggauaccaaagag.................... 1         1       c16
    ....................................................................uacagcuaggauaccaaagaga................... 45        0       c16
    ....................................................................uacagcuagCauaccaaagaga................... 1         1       c16
    ....................................................................Gacagcuaggauaccaaagaga................... 4         1       c16
    ....................................................................uacagcuaggauaccaaagagG................... 1         1       c16
    ....................................................................uacagcuaCgauaccaaagaga................... 1         1       c16
    ....................................................................uacagcuaggauaccaaagagU................... 1         1       c16
    ....................................................................uacagcuaggauaccaaagagaU.................. 1         1       c16
    ....................................................................cagcuaggauaccaaagaga..................... 1         0       c16

    ....................................................................uacagcuaggauaccaaagaga................... 2         0       c04

    ................................acuucgguaccauaacuuu.......................................................... 1         0       c09
    ................................acuucgguaccauaacuuuagg....................................................... 4         0       c09
    ................................acuucUguaccauaacuuuagg....................................................... 1         1       c09
    ................................acuucgguaccauaacuuuaggC...................................................... 1         1       c09
    ..................................Acgguaccauaacuuuagg......................................................... 1         1       c09
    ....................................................................uacagcuaggauaccaaa....................... 1         0       c09
    ....................................................................Gacagcuaggauaccaaag...................... 1         1       c09
    ....................................................................uacagcuaggauaccaaag...................... 1         0       c09
    ....................................................................uacagcuaggauaccaaaga..................... 2         0       c09
    ....................................................................uacagcuaggauaccaaagag.................... 9         0       c09
    ....................................................................Gacagcuaggauaccaaagag.................... 1         1       c09
    ....................................................................Gacagcuaggauaccaaagaga................... 1         1       c09
    ....................................................................uacagcuaggauaccaaagaga................... 56        0       c09
    ....................................................................uacagcuaggauaccUaagaga................... 1         1       c09
    ....................................................................uacUgcuaggauaccaaagaga................... 1         1       c09
    ....................................................................uacagcuaggauaccaaagagaA.................. 4         1       c09
```

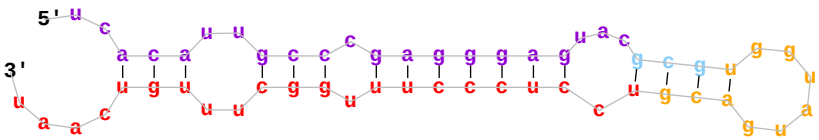
Star Mature

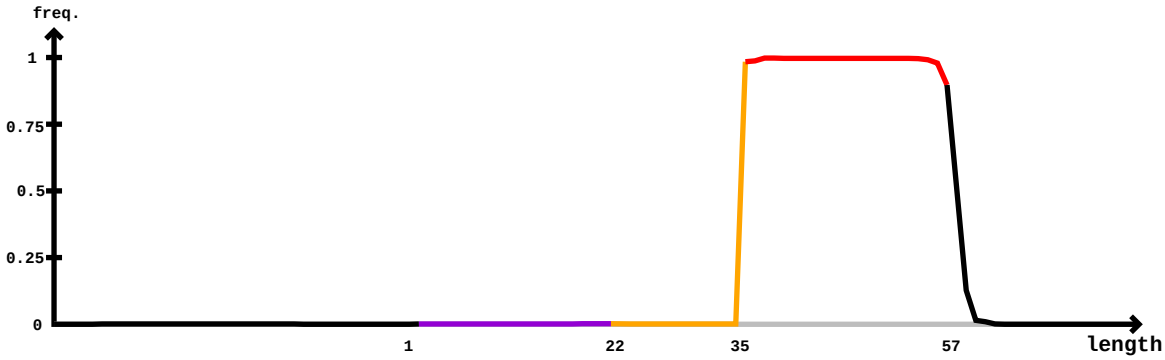
```
cggcggcauccgcugcggacgccgcgacucguaacuucgguaccauaacuuuagggucugcgaacacgccuacagcuaggauaccaaagagacgagccgcgacucgaggugg
.....................................................................uacagcuaggauaccaaagagaU.....  1  1  c09
.....................................................................gcuaggauaccaaagaga.....  1  0  c09

.........cgcugcggacgccgcgacucg.....  1  0  c15
...........cugcggacgccgcgacucgu.....  1  0  c15
.............................uaGcuucgguaccauaacuuu.....  1  1  c15
.............................acuucgguaccauaacuuua.....  2  0  c15
.............................acuucgguaccauaacuuuag.....  10  0  c15
.............................acuucgguaccauaacuuuagg.....  137  0  c15
.............................Gcuucgguaccauaacuuuagg.....  1  1  c15
.............................acuucgguaccaAaacuuuagg.....  1  1  c15
..............................cuucgguaccauaacuuuagg.....  2  0  c15
.....................................................cacgccuacagcuGggauac.....  1  1  c15
.....................................................uacagcuaggauaccaaag.....  2  0  c15
.....................................................uacagcuaggauaccaaaga.....  5  0  c15
.....................................................uacagcuaggauaccaaagag.....  21  0  c15
.....................................................uacagcuaggauaccaaagaC.....  1  1  c15
.....................................................uacagcuaggauaccaaagUg.....  1  1  c15
.....................................................uacagcuaggauaccGaagaga.....  1  1  c15
.....................................................uacagcuaggauaccaaagUga.....  1  1  c15
.....................................................uaUagcuaggauaccaaagaga.....  1  1  c15
.....................................................uacagcuaggauaUcaaagaga.....  1  1  c15
.....................................................uacagcuagAauaccaaagaga.....  1  1  c15
.....................................................uacagcuaggauaccaaagaga.....  773  0  c15
.....................................................uacaAcuaggauaccaaagaga.....  1  1  c15
.....................................................uacagcuaUgauaccaaagaga.....  1  1  c15
.....................................................uacagcuaggauaccaaagCga.....  1  1  c15
.....................................................uacagcuaggauaccaaagagU.....  8  1  c15
.....................................................uacagcuaggauaccaaagagC.....  1  1  c15
.....................................................uacagcuaggauaccaaagagaA.....  23  1  c15
.....................................................uacagcuaggauaccaaagagaU.....  13  1  c15
.....................................................uacagcuaggauaccaaagagaAg.....  1  1  c15
.....................................................acagcuaggauaccaaagag.....  2  0  c15
.....................................................acagcuaggauaccaaagaga.....  8  0  c15
.....................................................acagcuaggauaccaaagagac.....  1  0  c15
.....................................................uaccaaagagacgagccgcgU.....  1  1  c15

.............................Ccuucgguaccauaacuuuagg.....  1  1  c02
.............................acuucgguaccauaacuuuagg.....  1  0  c02
.....................................................uacagcuaggauaccaaaga.....  3  0  c02
.....................................................uacaCcuaggauaccaaagag.....  1  1  c02
.....................................................Gacagcuaggauaccaaagag.....  1  1  c02
.....................................................uacagcuaggauaccaaagag.....  4  0  c02
.....................................................uacagcuaggauacAaaagaga.....  1  1  c02
.....................................................Gacagcuaggauaccaaagaga.....  9  1  c02
.....................................................uacagcuaggauaccaaagaga.....  47  0  c02
.....................................................uacagGuaggauaccaaagaga.....  1  1  c02
.....................................................uacagcuaggauaccaaagagaA.....  1  1  c02
.....................................................uacagcuaggauaccaaagagaG.....  1  1  c02
.....................................................uacagcuaggauaccaaagagaU.....  1  1  c02
```

Provisional ID	:	tig00003327_group24_39283
Score total	:	480
Score for star read(s)	:	3.9
Score for read counts	:	477.8
Score for mfe	:	1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	949
Mature read count	:	948
Loop read count	:	0
Star read count	:	1





Star **Mature**

```
5'- ggacgucgcgucggucauguuacuguaaugcucagcucacauugcccgagggaguacgcgugguaugacguccucccuuuggcuuugucaauauacuauuguaguauucgu  -3'   obs
    ggacgucgcgucggucauguuacuguaaugcucagcucacauugcccgagggaguacgcgugguaugacguccucccuuuggcuuugucaauauacuauuguaguauucgu        exp
    .((((...))))....(((.((((((((((........(((..(((.(((((((...((((......)))).)))))))..)))..)))........)))))))))..)))  reads      mm         sample
    ................................Gcacauugcccgagggaguac.....................................................  1          1          c02
    ..........................................................uccucccuuuggcuuuguca.....................  1          0          c02
    ..........................................................uccucccuuuggcuuugucaau...................  6          0          c02
    ..........................................................uccucccuuuggcuuugucaauau.................  4          0          c02

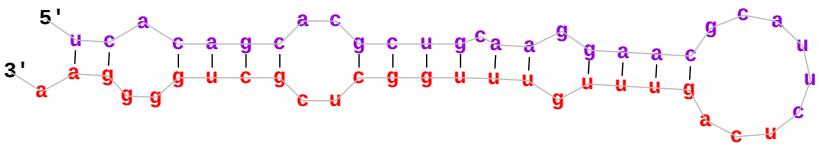
    ...cgucgcgucggucauguuacu.....................................................................................  1          0          c15
    ..................................................guacgcgugguaugacguccu.....................................  1          0          c15
    ..........................................................uccucccuuuggcuuugu.......................  1          0          c15
    ..........................................................uccucccuuuggcuuuguc......................  1          0          c15
    ..........................................................uccucccuuuggcuuuguca.....................  6          0          c15
    ..........................................................uccucccuuuggcuuugCca.....................  1          1          c15
    ..........................................................uccucccuuuggcuuugucaa....................  74         0          c15
    ..........................................................uccucccuuuggcuuugucaU....................  2          1          c15
    ..........................................................uccucccuuuggcuuCgucaau...................  1          1          c15
    ..........................................................uccucccuuuggcuuugucaaC...................  1          1          c15
    ..........................................................uccucccuuuggcuuugCcaau...................  2          1          c15
    ..........................................................uccucCuuuggcuuugucaau....................  1          1          c15
    ..........................................................uccucccuuuggcAuugucaau...................  1          1          c15
    ..........................................................uccucccuuuggcuuuguUaau...................  1          1          c15
    ..........................................................ucGucccuuuggcuuugucaau...................  1          1          c15
    ..........................................................uccucccuuuggcuuugucaaA...................  5          1          c15
    ..........................................................uccucccAuuggcuuugucaau...................  1          1          c15
    ..........................................................uccucccuuuggcuuugucaUu...................  1          1          c15
    ..........................................................ucUucccuuuggcuuugucaau...................  1          1          c15
    ..........................................................uccucccuuuggcuuugucGau...................  1          1          c15
    ..........................................................uccucccuuuggcCuugucaau...................  1          1          c15
    ..........................................................uccucccuuuggcuuugucaau...................  602        0          c15
    ..........................................................uccucccuuuggcuuugucaauU..................  23         1          c15
    ..........................................................uccucccuuuggcuuugucaaua..................  60         0          c15
    ..........................................................uccucccuuuggcuuugucaauC..................  1          1          c15
    ..........................................................uccucccuuuggcuuugucaauUu.................  1          1          c15
    ..........................................................uccucccuuuggcuuugucaauau.................  93         0          c15
    ..........................................................uccucccuuuggcuuuAucaauau.................  1          1          c15
```

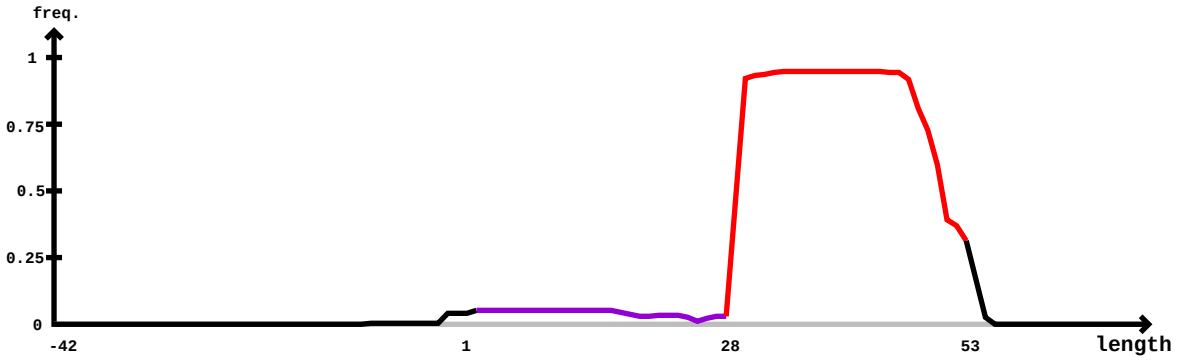
Star Mature

ggacgucgcgucggucauguuacuguaaugcucagcucacauugcccgagggaguacgcgugguaugacguccucccuuuggcuuugucaauauacuauuguaguauucgu

.....uccucccuuuggcuuugucaauaA.....	2	1	c15
.....uccucccuuuggcuuugucaauauU.....	1	1	c15
.....uccucccuuuggcuuugucaauaua.....	3	0	c15
.....uccucccuuuggcuuugucaauauac.....	8	0	c15
.....uccucccuuuggcuuugucaauauacu.....	1	0	c15
.....ccucccuuuggcuuugucaau.....	2	0	c15
.....ccucccuuuggcuuugucaaua.....	1	0	c15
.....cucccuuuggcuuugucaau.....	3	0	c15
.....cucccuuuggcuuugucaaua.....	2	0	c15
.....cucccuuuggcuuugucaauau.....	2	0	c15
.....cucccuuuggcuuugucaauaA.....	2	1	c15
.....cucccuuuggcuuugucaauauU.....	1	1	c15
.....uccucccuuuggcuuuguc.....	2	0	c09
.....uccucccuuuggcuuuguca.....	1	0	c09
.....uccucccuuuggcuuugucaa.....	2	0	c09
.....uccucccuuuggcuuugucaau.....	3	0	c09
.....uccucccuuuggcuuugucaaua.....	1	0	c09
.....uccucccuuuggcuuuguc.....	1	0	c16
.....uccucccuuuggcuuuguca.....	3	0	c16
.....uccucccuuuggcuuugucaau.....	7	0	c16
.....Gccucccuuuggcuuugucaau.....	1	1	c16
.....uccucccuuuggcuuugucaauU.....	1	1	c16
.....uccucccuuuggcuuugucaauau.....	1	0	c16
.....Gccucccuuuggcuuugucaauau.....	1	1	c16
.....uccucccuuuggcuuugucaau.....	1	0	c04

Provisional ID	:	tig00003740_47694
Score total	:	125.2
Score for star read(s)	:	3.9
Score for read counts	:	123
Score for mfe	:	1.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	253
Mature read count	:	250
Loop read count	:	0
Star read count	:	3





Star **Mature**

```
5'- gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggaggcauaagcgcgagu  -3'   obs
    gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggaggcauaagcgcgagu        exp
    ..(((.((.((......)).)))))..((.((..((.(((((((((.((((..((((.((.((((.........)))).)))))).)))))..)))).)))))))..)).))...  reads   mm   sample
    ..........................................................ucucaguuuguuuggcucgcugg.....................  1       0    c15

    ..........................................................ucaguuuguuuggcucgcuggg.....................  1       0    c02

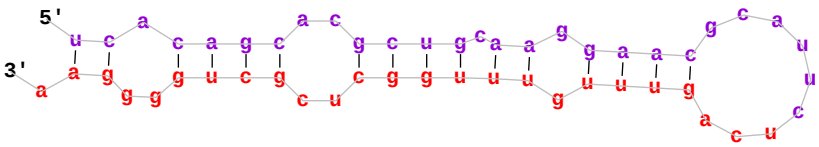
    ............................gaugcgccuccucacagcacgcugca..................................................  1       0    c16
    ...........................................ucccucacagcacgcugca..................................................  1       0    c16
    ...........................................Gccucacagcacgcugcaa..................................................  1       1    c16
    ...........................................ucccucacagcacgcugcaa..................................................  1       0    c16
    ...........................................ucccucacagcacgcugcaag.................................................  2       0    c16
    ...........................................ucccucacagcacgcugcaaAgaacg............................................  2       1    c16
    ...........................................ucccucacagcacgcugcaaAgaacgc...........................................  2       1    c16
    ..........................................ucacagcacgcugcaaAgaacgc................................................  1       1    c16
    ..........................................................uucucaguuuguuuggcucgcu.....................  2       0    c16
    ..........................................................uucucaguuuguuuggcucgcugggC.................  1       1    c16
    ..........................................................ucucaguuuguuuggcucgcu.....................  1       0    c16
    ..........................................................ucaguuuguuuggcucgc.....................  1       0    c16
    ..........................................................ucaguuuguuuggcucgcu....................  13      0    c16
    ..........................................................ucaguuuguuuggcucgcug...................  8       0    c16
    ..........................................................ucaguuugAuuggcucgcugg...................  1       1    c16
    ..........................................................Gcaguuuguuuggcucgcugg...................  1       1    c16
    ..........................................................ucaguuuguuuggcucgcugg...................  11      0    c16
    ..........................................................ucaguuuguuuggcucgcuggg..................  17      0    c16
    ..........................................................ucaguuuguuuggcucUcuggg..................  1       1    c16
    ..........................................................Acaguuuguuuggcucgcuggg..................  1       1    c16
    ..........................................................Gcaguuuguuuggcucgcuggg..................  2       1    c16
    ..........................................................Gcaguuuguuuggcucgcugggga................  1       1    c16
    ..........................................................ucaguuuguuuggcucgcugggga................  1       0    c16
    ..........................................................ucaguuuguuuggcucgcuggggaa...............  3       0    c16
    ..........................................................Gcaguuuguuuggcucgcuggggaa...............  1       1    c16
    ..........................................................ucaguuuguuuggcucgcuggggaag..............  2       0    c16
    ..........................................................ucaguuuguuuggcucgcuggggaagA.............  1       1    c16
    ..........................................................ucaguuuguuuggcucgcuggggaagU.............  1       1    c16
    ..........................................................caguuuguuuggcucgcu.....................  2       0    c16
```

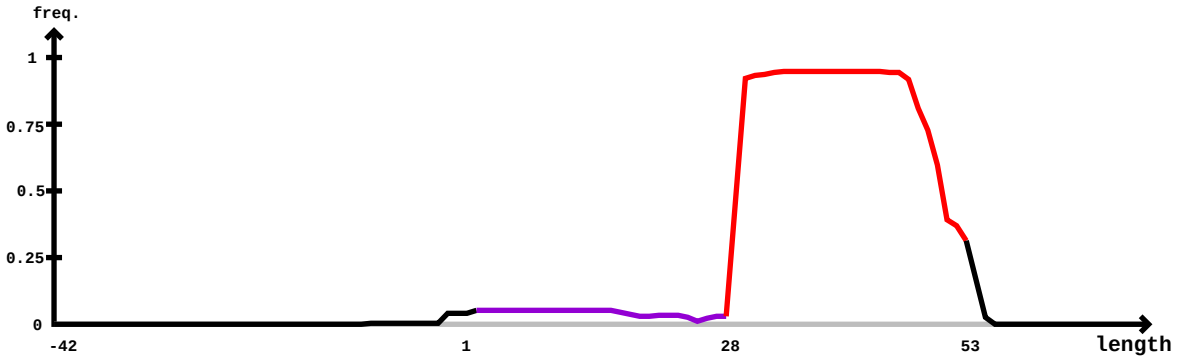
Star Mature

gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggaggcauaagcgcgagu

.....caguuuguuuggcucgcug.....	6	0	c16
.....caguuuguuuggcuAgcug.....	1	1	c16
.....caguuuguuuggcucgcugg.....	2	0	c16
.....caguuuguuuggcucgcuggg.....	2	0	c16
.....caguuuguuuggcucgcuggggaa.....	2	0	c16
.....aguuuguuuggcucgcuggg.....	1	0	c16
.....guuuguuuggcucgcuggg.....	1	0	c16
.....uuguuuggcucgcuggggaag.....	1	0	c16
.....uccucacagcacgcugcaaAgaacgc.....	1	1	c04
.....ucacagcacgcugcaaAgaacgcauuc.....	2	1	c04
.....acgcauucucaguuuguuuggcuc.....	1	0	c04
.....ucaguuuguuuggcucgc.....	6	0	c04
.....ucaguuuguuuggcucgcu.....	9	0	c04
.....Gcaguuuguuuggcucgcu.....	2	1	c04
.....ucaguuuguuuggcucgcuU.....	1	1	c04
.....Gcaguuuguuuggcucgcug.....	1	1	c04
.....ucaguuuguuuggcucgcug.....	5	0	c04
.....ucaguuuguuuggcucgcugg.....	19	0	c04
.....ucaguuuguuuggcucgcuggg.....	22	0	c04
.....Gcaguuuguuuggcucgcuggg.....	5	1	c04
.....ucaguuuCuuuggcucgcugggg.....	1	1	c04
.....ucaguuuguuuggcucgcugggg.....	4	0	c04
.....Gcaguuuguuuggcucgcuggggа.....	2	1	c04
.....ucaguuuguuuggcucgcuggggа.....	11	0	c04
.....ucaguuuguuuggcucgcuggggaa.....	33	0	c04
.....Gcaguuuguuuggcucgcuggggaa.....	1	1	c04
.....ucaguuuguuuggcucgcuggggaU.....	2	1	c04
.....ucaguuuguuuggcucgcuggggaaU.....	1	1	c04
.....ucaguuuguuuggcucgcuggggaag.....	25	0	c04
.....Gcaguuuguuuggcucgcuggggaag.....	1	1	c04
.....ucaguuuguuuggcucgcuggggaagg.....	4	0	c04
.....caguuuguuuggcucgcuggg.....	1	0	c04
.....caguuuguuuggcucgcuggggaag.....	3	0	c04
.....aguuuguuuggcucgcuggg.....	1	0	c04
.....aguuuguuuggcucgcuggggaagg.....	1	0	c04
.....uuuguuuggcucgcuggggaa.....	2	0	c04

Provisional ID	:	tig00003740_47706
Score total	:	125.2
Score for star read(s)	:	3.9
Score for read counts	:	123
Score for mfe	:	1.1
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	253
Mature read count	:	250
Loop read count	:	0
Star read count	:	3





Star **Mature**

```
5'- gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggaggcauaagcgcgagu  -3'   obs
    gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggaggcauaagcgcgagu        exp
    ..(((.((.((......)).)))))..((.((..((.(((((((((.((((..((((.((.((((.........)))).)))))).)))))..)))).)))))))).)).)...  reads    mm    sample
    ..........................................................ucucaguuuguuuggcucgcugg.....................  1        0     c15

    ..........................................................ucaguuuguuuggcucgcuggg.....................  1        0     c02

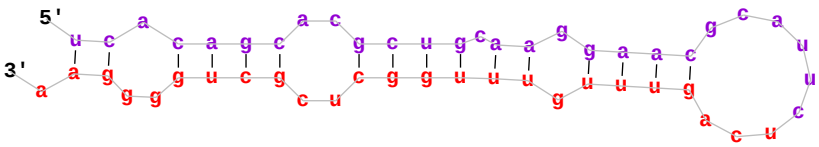
    ............................gaugcgccuccucacagcacgcugca..................................................  1        0     c16
    ...........................................ucccucacagcacgcugca..................................................  1        0     c16
    ...........................................ucccucacagcacgcugcaa.................................................  1        0     c16
    ...........................................Gcccucacagcacgcugcaa.................................................  1        1     c16
    ...........................................ucccucacagcacgcugcaag................................................  2        0     c16
    ...........................................ucccucacagcacgcugcaaAgaacg...........................................  2        1     c16
    ...........................................ucccucacagcacgcugcaaAgaacgc..........................................  2        1     c16
    ..........................................ucacagcacgcugcaaAgaacgc...............................................  1        1     c16
    ..........................................................uucucaguuuguuuggcucgcu.....................  2        0     c16
    ..........................................................uucucaguuuguuuggcucgcugggC.................  1        1     c16
    ..........................................................ucucaguuuguuuggcucgcu.....................  1        0     c16
    ..........................................................ucaguuuguuuggcucgc........................  1        0     c16
    ..........................................................ucaguuuguuuggcucgcu.......................  13       0     c16
    ..........................................................ucaguuuguuuggcucgcug......................  8        0     c16
    ..........................................................ucaguuugAuuggcucgcugg.....................  1        1     c16
    ..........................................................Gcaguuuguuuggcucgcugg.....................  1        1     c16
    ..........................................................ucaguuuguuuggcucgcugg.....................  11       0     c16
    ..........................................................ucaguuuguuuggcucUcuggg....................  1        1     c16
    ..........................................................Acaguuuguuuggcucgcuggg....................  1        1     c16
    ..........................................................Gcaguuuguuuggcucgcuggg....................  2        1     c16
    ..........................................................ucaguuuguuuggcucgcuggg....................  17       0     c16
    ..........................................................ucaguuuguuuggcucgcugggga..................  1        0     c16
    ..........................................................Gcaguuuguuuggcucgcugggga..................  1        1     c16
    ..........................................................ucaguuuguuuggcucgcuggggaa.................  3        0     c16
    ..........................................................Gcaguuuguuuggcucgcuggggaa.................  1        1     c16
    ..........................................................ucaguuuguuuggcucgcuggggaag................  2        0     c16
    ..........................................................ucaguuuguuuggcucgcuggggaagU...............  1        1     c16
    ..........................................................ucaguuuguuuggcucgcuggggaagA...............  1        1     c16
    ..........................................................caguuuguuuggcucgcu........................  2        0     c16
```

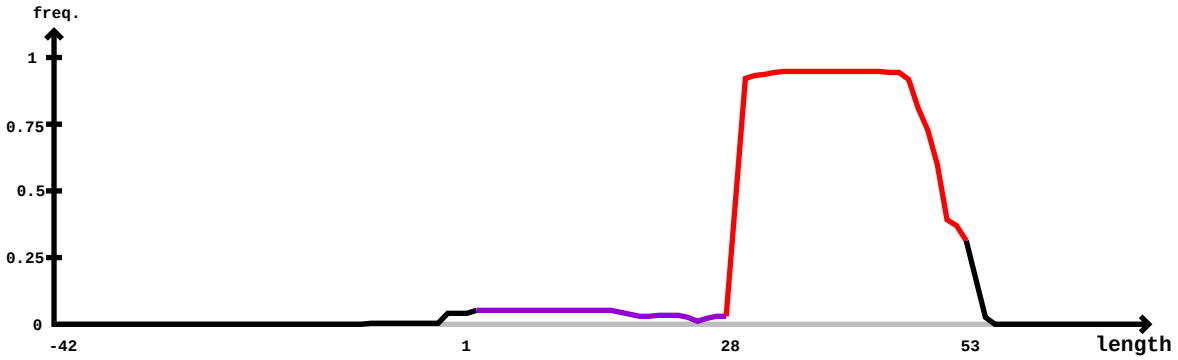
Star Mature

gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggaggcauaagcgcgagu

.....caguuuguuuggcuAgcug.....	1	1	c16
.....caguuuguuuggcucgcug.....	6	0	c16
.....caguuuguuuggcucgcugg.....	2	0	c16
.....caguuuguuuggcucgcuggg.....	2	0	c16
.....caguuuguuuggcucgcuggggaa.....	2	0	c16
.....aguuuguuuggcucgcuggg.....	1	0	c16
.....guuuguuuggcucgcuggg.....	1	0	c16
.....uuguuuggcucgcuggggaag.....	1	0	c16
.....uccucacagcacgcugcaaAgaacgc.....	1	1	c04
.....ucacagcacgcugcaaAgaacgcauuc.....	2	1	c04
.....acgcauucucaguuuguuuggcuc.....	1	0	c04
.....ucaguuuguuuggcucgc.....	6	0	c04
.....ucaguuuguuuggcucgcu.....	9	0	c04
.....Gcaguuuguuuggcucgcu.....	2	1	c04
.....ucaguuuguuuggcucgcug.....	5	0	c04
.....ucaguuuguuuggcucgcuU.....	1	1	c04
.....Gcaguuuguuuggcucgcug.....	1	1	c04
.....ucaguuuguuuggcucgcugg.....	19	0	c04
.....ucaguuuguuuggcucgcuggg.....	22	0	c04
.....Gcaguuuguuuggcucgcuggg.....	5	1	c04
.....ucaguuuguuuggcucgcugggg.....	4	0	c04
.....ucaguuuCuuuggcucgcugggg.....	1	1	c04
.....Gcaguuuguuuggcucgcuggggа.....	2	1	c04
.....ucaguuuguuuggcucgcuggggа.....	11	0	c04
.....ucaguuuguuuggcucgcuggggaU.....	2	1	c04
.....ucaguuuguuuggcucgcuggggaa.....	33	0	c04
.....Gcaguuuguuuggcucgcuggggaa.....	1	1	c04
.....ucaguuuguuuggcucgcuggggaaU.....	1	1	c04
.....Gcaguuuguuuggcucgcuggggaag.....	1	1	c04
.....ucaguuuguuuggcucgcuggggaag.....	25	0	c04
.....ucaguuuguuuggcucgcuggggaagg.....	4	0	c04
.....caguuuguuuggcucgcuggg.....	1	0	c04
.....caguuuguuuggcucgcuggggaag.....	3	0	c04
.....aguuuguuuggcucgcuggg.....	1	0	c04
.....aguuuguuuggcucgcuggggaagg.....	1	0	c04
.....uuuguuuggcucgcuggggaa.....	2	0	c04

Provisional ID	:	tig00003740_47724
Score total	:	124.9
Score for star read(s)	:	3.9
Score for read counts	:	123
Score for mfe	:	0.8
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	253
Mature read count	:	250
Loop read count	:	0
Star read count	:	3





Star **Mature**

```
5'- gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggagguauaaagcgcgagu  -3'   obs
    gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggagguauaaagcgcgagu        exp
    (.(((.((.((......)).)))))..)..(((....(((((((((.((((..((((.((.((((.........)))).)))))).))))..).)))))))).....)))....  reads     mm      sample
    ..........................................................ucucaguuuguuuggcucgcugg.....................  1         0       c15

    ..........................................................ucaguuuguuuggcucgcuggg.....................  1         0       c02

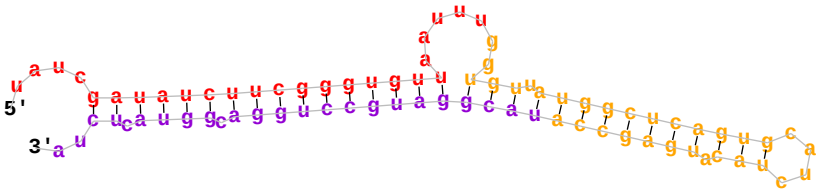
    ............................gaugcgccuccucacagcacgcugca..................................................  1         0       c16
    ...........................................ucccucacagcacgcugca..................................................  1         0       c16
    ...........................................Gccucacagcacgcugcaa..................................................  1         1       c16
    ...........................................uccucacagcacgcugcaa..................................................  1         0       c16
    ...........................................uccucacagcacgcugcaag.................................................  2         0       c16
    ...........................................uccucacagcacgcugcaaAgaacg............................................  2         1       c16
    ...........................................uccucacagcacgcugcaaAgaacgc...........................................  2         1       c16
    ..............................................ucacagcacgcugcaaAgaacgc...........................................  1         1       c16
    ..........................................................uucucaguuuguuuggcucgcu.....................  2         0       c16
    ..........................................................uucucaguuuguuuggcucgcugggC.................  1         1       c16
    ..........................................................ucucaguuuguuuggcucgcu.....................  1         0       c16
    ..........................................................ucaguuuguuuggcucgc.....................  1         0       c16
    ..........................................................ucaguuuguuuggcucgcu.....................  13        0       c16
    ..........................................................ucaguuuguuuggcucgcug....................  8         0       c16
    ..........................................................Gcaguuuguuuggcucgcugg...................  1         1       c16
    ..........................................................ucaguuugAuuggcucgcugg...................  1         1       c16
    ..........................................................ucaguuuguuuggcucgcugg...................  11        0       c16
    ..........................................................ucaguuuguuuggcucUcuggg..................  1         1       c16
    ..........................................................ucaguuuguuuggcucgcuggg..................  17        0       c16
    ..........................................................Acaguuuguuuggcucgcuggg..................  1         1       c16
    ..........................................................Gcaguuuguuuggcucgcuggg..................  2         1       c16
    ..........................................................ucaguuuguuuggcucgcugggga................  1         0       c16
    ..........................................................Gcaguuuguuuggcucgcugggga................  1         1       c16
    ..........................................................Gcaguuuguuuggcucgcuggggaa...............  1         1       c16
    ..........................................................ucaguuuguuuggcucgcuggggaa...............  3         0       c16
    ..........................................................ucaguuuguuuggcucgcuggggaag..............  2         0       c16
    ..........................................................ucaguuuguuuggcucgcuggggaagU.............  1         1       c16
    ..........................................................ucaguuuguuuggcucgcuggggaagA.............  1         1       c16
    ..........................................................caguuuguuuggcucgcu.....................  2         0       c16
```

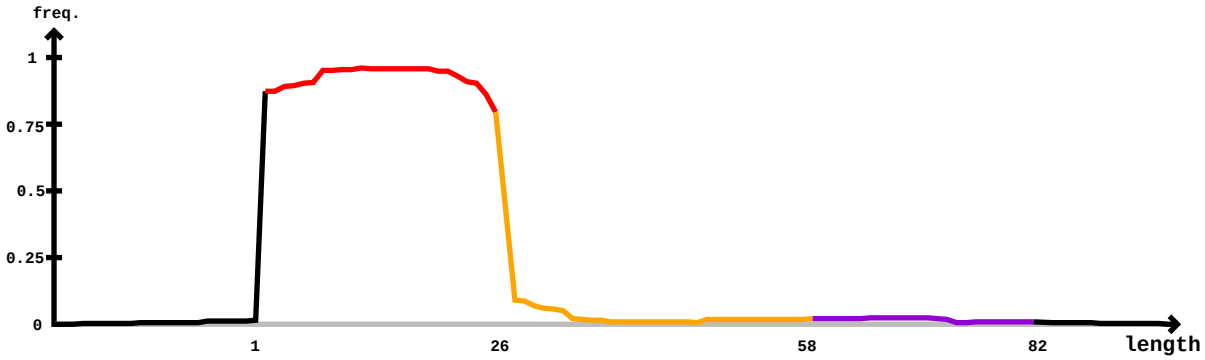
Star Mature

gauugauggacaucugagugcgcaaccgagcgaugcgccuccucacagcacgcugcaaggaacgcauucucaguuuguuuggcucgcuggggaaggagguauaagcgcgagu

.....caguuuguuuggcucgcug.....	6	0	c16
.....caguuuguuuggcuAgcug.....	1	1	c16
.....caguuuguuuggcucgcugg.....	2	0	c16
.....caguuuguuuggcucgcuggg.....	2	0	c16
.....caguuuguuuggcucgcuggggaa.....	2	0	c16
.....aguuuguuuggcucgcuggg.....	1	0	c16
.....guuuguuuggcucgcuggg.....	1	0	c16
.....uuguuuggcucgcuggggaag.....	1	0	c16
.....uccucacagcacgcugcaaAgaacgc.....	1	1	c04
.....ucacagcacgcugcaaAgaacgcauuc.....	2	1	c04
.....acgcauucucaguuuguuuggcuc.....	1	0	c04
.....ucaguuuguuuggcucgc.....	6	0	c04
.....Gcaguuuguuuggcucgcu.....	2	1	c04
.....ucaguuuguuuggcucgcu.....	9	0	c04
.....ucaguuuguuuggcucgcug.....	5	0	c04
.....ucaguuuguuuggcucgcuU.....	1	1	c04
.....Gcaguuuguuuggcucgcug.....	1	1	c04
.....ucaguuuguuuggcucgcugg.....	19	0	c04
.....ucaguuuguuuggcucgcuggg.....	22	0	c04
.....Gcaguuuguuuggcucgcuggg.....	5	1	c04
.....ucaguuuCuuuggcucgcuggggg.....	1	1	c04
.....ucaguuuguuuggcucgcuggggg.....	4	0	c04
.....Gcaguuuguuuggcucgcuggggga.....	2	1	c04
.....ucaguuuguuuggcucgcuggggga.....	11	0	c04
.....Gcaguuuguuuggcucgcuggggaa.....	1	1	c04
.....ucaguuuguuuggcucgcuggggaa.....	33	0	c04
.....ucaguuuguuuggcucgcuggggaU.....	2	1	c04
.....ucaguuuguuuggcucgcuggggaag.....	25	0	c04
.....Gcaguuuguuuggcucgcuggggaag.....	1	1	c04
.....ucaguuuguuuggcucgcuggggaaU.....	1	1	c04
.....ucaguuuguuuggcucgcuggggaagg.....	4	0	c04
.....caguuuguuuggcucgcuggg.....	1	0	c04
.....caguuuguuuggcucgcuggggaag.....	3	0	c04
.....aguuuguuuggcucgcuggg.....	1	0	c04
.....aguuuguuuggcucgcuggggaagg.....	1	0	c04
.....uuuguuuggcucgcuggggaa.....	2	0	c04

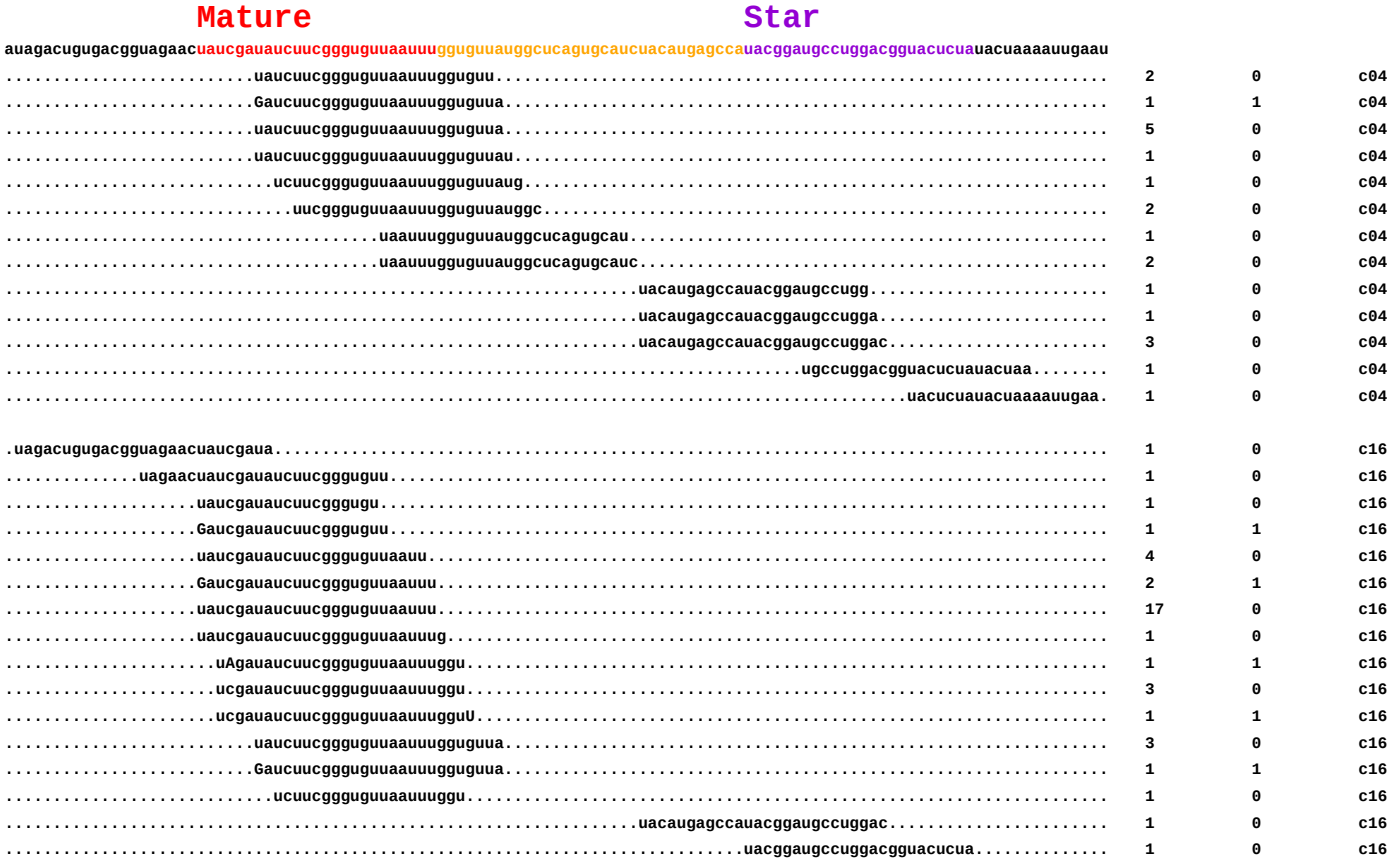
Provisional ID	:	tig00003865_48373
Score total	:	148.7
Score for star read(s)	:	3.9
Score for read counts	:	147.5
Score for mfe	:	0.2
Score for randfold	:	-2.2
Score for cons. seed	:	-0.6
Total read count	:	301
Mature read count	:	300
Loop read count	:	0
Star read count	:	1



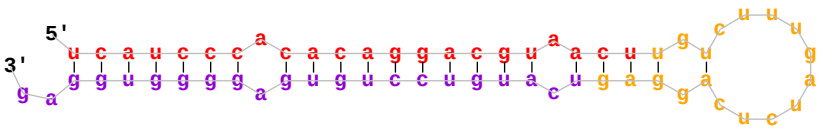


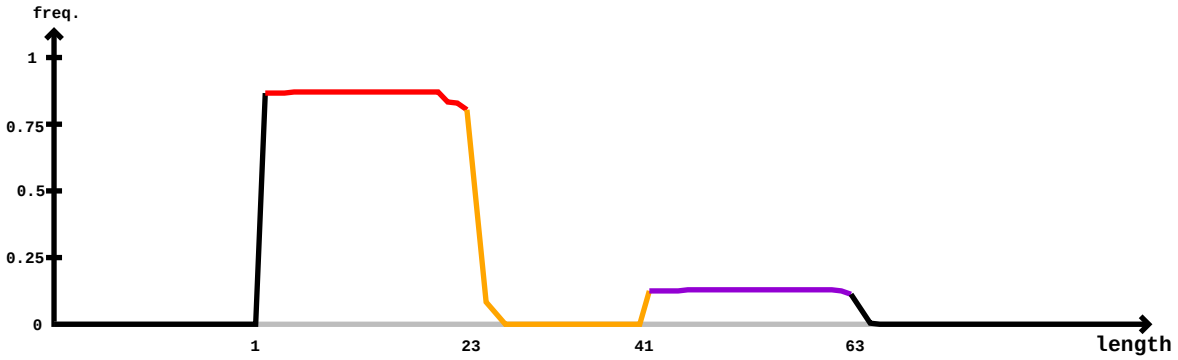
Mature **Star**

```
5'- auagacugugacgguagaacuaucgauaucuucggguguuaaauuuggguguuauggcucagugcaucuacaugagccauacggaugccuggacgguacucuauacuaaaauugaau -3'   obs
    auagacugugacgguagaacuaucgauaucuucggguguuaaauuuggguguuauggcucagugcaucuacaugagccauacggaugccuggacgguacucuauacuaaaauugaau      exp
    .............(((((..(((((.....((((((((((.......(((.((((((((((....))).)))))))))))))))))))))))))).)))))..............   reads     mm      sample
    .......gugacgguagaacuaucgauaucu.....................................................................................   1         0       c04
    ..............uagaacuaucgauaucuucggguguua...........................................................................   1         0       c04
    ..................cuaucgauaucuucggguguuaaauuu.....................................................................   1         0       c04
    ...................uaucgauaucuucgggug..............................................................................   3         0       c04
    ...................uaucgauaucuucgggugu.............................................................................   1         0       c04
    ...................uauAgauaucuucgggugu.............................................................................   1         1       c04
    ...................uaucgauaucuucggguguu............................................................................   4         0       c04
    ...................uaucgauaucuucggguguua...........................................................................   6         0       c04
    ...................uaucgauaucuucggguguuaa..........................................................................   2         0       c04
    ...................uaucgauaucuucggguguuaau.........................................................................   13        0       c04
    ...................uaucgauaucuucgUguguuaau.........................................................................   1         1       c04
    ...................uaucgauaucuucggguguuaaauu.......................................................................   16        0       c04
    ...................Gaucgauaucuucggguguuaaauu.......................................................................   1         1       c04
    ...................uaucgauaucuucggguCuuaaauu.......................................................................   1         1       c04
    ...................uaucgauaucuucggguguuaaauu.......................................................................   174       0       c04
    ...................Gaucgauaucuucggguguuaaauu.......................................................................   10        1       c04
    ...................uaucgCuaucuucggguguuaaauu.......................................................................   1         1       c04
    ...................uaucgauaucuucggCuguuaaauu.......................................................................   1         1       c04
    ...................uaucgauauUuucggguguuaaauu.......................................................................   2         1       c04
    ...................uaucgauaucuucggguguuaaauug......................................................................   11        0       c04
    ...................uaucgauaucuucggguguuaaauuU......................................................................   2         1       c04
    ...................Gaucgauaucuucggguguuaaauug......................................................................   2         1       c04
    ...................uaucgauaucuucgggGguuaaauug......................................................................   1         1       c04
    ...................uaucgauaucuucggguguuaaauuC......................................................................   2         1       c04
    ...................uaucgauaucuucggguguuaauCug......................................................................   1         1       c04
    ...................Gaucgauaucuucggguguuaaauugg.....................................................................   1         1       c04
    ...................uaucgauaucuucggguguuaaauuggAg...................................................................   2         1       c04
    .....................ucgauaucuucggguguuaaauuggu.....................................................................   1         0       c04
    ......................cgauaucuucggguguuaaauu........................................................................   1         0       c04
    .......................gauaucuucggguguuaaauu........................................................................   3         0       c04
    .........................auaucuucggguguuaaau.........................................................................   1         0       c04
    .........................uaucuucggguguuaaauug........................................................................   1         0       c04
    .........................uaucuucggguguuaaauuggugu....................................................................   1         0       c04
```


Mature
Star
auagacugugacgguagaacuaucgauaucuucggguguuaauuuggugguuauggcucagugcaucuacaugagccauacggaugccuggacgguacucuauacuaaaauugaau
.....uaucuucggguguuaauuuggguguu..... 2 0 c04
.....Gaucuucggguguuaauuuggguguua..... 1 1 c04
.....uaucuucggguguuaauuuggguguua..... 5 0 c04
.....uaucuucggguguuaauuuggguguuau..... 1 0 c04
.....ucuucggguguuaauuuggguguuaug..... 1 0 c04
.....uucggguguuaauuuggguguuauggc..... 2 0 c04
.....uaauuuggguguuauggcucagugcau..... 1 0 c04
.....uaauuuggguguuauggcucagugcauc..... 2 0 c04
.....uacaugagccauacggaugccugg..... 1 0 c04
.....uacaugagccauacggaugccugga..... 1 0 c04
.....uacaugagccauacggaugccuggac..... 3 0 c04
.....ugccuggacgguacucuauacuaa..... 1 0 c04
.....uacucuauacuaaaauugaa. 1 0 c04
.uagacugugacgguagaacuaucgaua..... 1 0 c16
.....uagaacuaucgauaucuucggguguu..... 1 0 c16
.....uaucgauaucuucgggugu..... 1 0 c16
.....Gaucgauaucuucggguguu..... 1 1 c16
.....uaucgauaucuucggguguuaauu..... 4 0 c16
.....Gaucgauaucuucggguguuaauuu..... 2 1 c16
.....uaucgauaucuucggguguuaauuu..... 17 0 c16
.....uaucgauaucuucggguguuaauuug..... 1 0 c16
.....uAgauaucuucggguguuaauuuggu..... 1 1 c16
.....ucgauaucuucggguguuaauuuggu..... 3 0 c16
.....ucgauaucuucggguguuaauuugguU..... 1 1 c16
.....uaucuucggguguuaauuuggguguua..... 3 0 c16
.....Gaucuucggguguuaauuuggguguua..... 1 1 c16
.....ucuucggguguuaauuuggu..... 1 0 c16
.....uacaugagccauacggaugccuggac..... 1 0 c16
.....uacggaugccuggacgguacucua..... 1 0 c16

Provisional ID	:	tig00004086_48899
Score total	:	123.3
Score for star read(s)	:	3.9
Score for read counts	:	116.4
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	240
Mature read count	:	209
Loop read count	:	0
Star read count	:	31





Mature **Star**

```
5'- agcauaaagauaccaggucccucaucccacacaggacguaacuugucuuugaucucaggagucauguccugugagggguggagcucuggucaucuacaggcaucgacuccugg  -3'   obs
    agcauaaagauaccaggucccucaucccacacaggacguaacuugucuuugaucucaggagucauguccugugagggguggagcucuggucaucuacaggcaucgacuccugg        exp
    .......((((((((((.(.(((((((.((((((((((.((((.(..........).)))).)))))))))).)))))))).).)))))).)))).((((........)))).  reads    mm    sample
    ...................ucaucccUcacaggacguaacuu.....................................................................  1        1     c02
    ..........................................................ucaCguccugugagggguggagcu.....................  1        1     c02

    ...................ucaucccacacaggacguaac.....................................................................  1        0     c15
    ...................ucaucccacacaggacguaacu....................................................................  18       0     c15
    ..........................................................ucauguccugugagggguggaC.....................  1        1     c15
    ..........................................................ucauguccugugagggguggag.....................  2        0     c15
    ..........................................................ucaCguccugugagggguggagc....................  2        1     c15

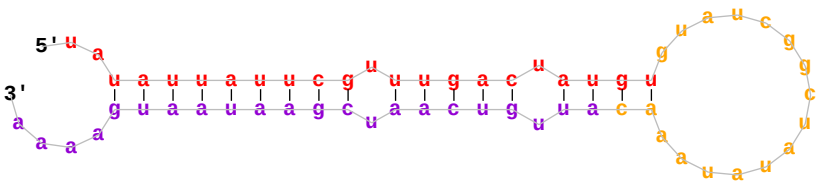
    ...................ucaucccUcacaggacgua.....................................................................  1        1     c16
    ...................ucaucccacacaggaUguaacu...................................................................  1        1     c16
    ...................ucaucccUcacaggacguaacu...................................................................  2        1     c16
    ..........................................................guccugugagggguggag.....................  1        0     c16

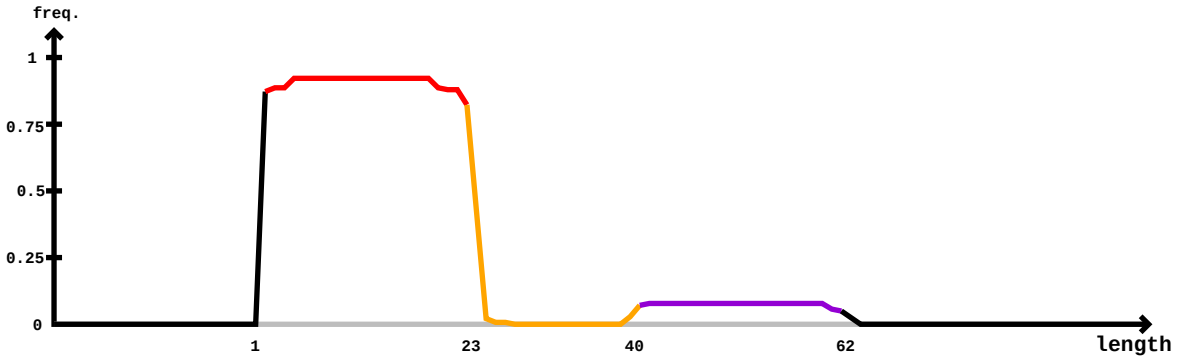
    ...................ucaucccacacaggacgua.....................................................................  4        0     c04
    ...................ucaucccUcacaggacguaac....................................................................  1        1     c04
    ...................ucaucccaAacaggacguaacu...................................................................  1        1     c04
    ...................Gcaucccacacaggacguaacu....................................................................  2        1     c04
    ...................ucaucccacCcaggacguaacu...................................................................  1        1     c04
    ...................ucaucccacacaggacguaacA...................................................................  1        1     c04
    ...................ucaucccacacaggacguaacu....................................................................  33       0     c04
    ...................ucaucccCcacaggacguaacu...................................................................  1        1     c04
    ...................ucaucccacacaggacguaacuA..................................................................  1        1     c04
    ...................ucaucccacacaggacguaacuuU.................................................................  1        1     c04
    ..........................................................ucauguccugugaggggugg.....................  1        0     c04
    ..........................................................ucauguccugugagggguggag....................  7        0     c04

    ...................ucaucccacacaggacgua.....................................................................  4        0     c09
    ...................ucaucccacacaggacguaa....................................................................  1        0     c09
    ...................ucaucccacacaggacguaac...................................................................  4        0     c09
    ...................ucaucccacacaggacguaacu..................................................................  89       0     c09
    ...................ucaucccCcacaggacguaacu...................................................................  1        1     c09
    ...................Gcaucccacacaggacguaacu...................................................................  2        1     c09
```

Mature
Star
agcauaaagauaccaggucc ucaucccacacaggacguaacu ugucuuugaucucaggag ucauguccugugagggguggag cucuggucaucuacaggcaucgacuccugg
.....ucaucccUcacaggacguaacu..... 1 1 c09
.....ucaucccacacCggacguaacu..... 1 1 c09
.....ucaucccacacaggacguaacuu..... 12 0 c09
.....ucaucccacacaggacguaacuG..... 2 1 c09
.....ucaucccacacaggacguaacuA..... 2 1 c09
.....ucaucccacacaggacguaacuuU..... 9 1 c09
.....ucaucccacacaggacguaacuuUu..... 10 1 c09
.....ucccacacaggacguaacuu..... 1 0 c09
.....Acauguccugugaggggugga..... 1 1 c09
.....ucauguccugugaggggugga..... 2 0 c09
.....ucauguccugugagggguggaA..... 1 1 c09
.....ucauguccugugagggguggag..... 11 0 c09
.....ucauguccuCugagggguggag..... 1 1 c09

Provisional ID	:	tig00004092_48909
Score total	:	72.9
Score for star read(s)	:	3.9
Score for read counts	:	65.9
Score for mfe	:	-1.4
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	141
Mature read count	:	130
Loop read count	:	0
Star read count	:	11





Mature **Star**

```
5'- gguaacuacaaacaagcauuuauauuauucguuugacuauguguaucggcuauauaaacauugucaaucgaauaaugaaaaugugcacgucuugcaaauuagcacuuuguug  -3'   obs
    gguaacuacaaacaagcauuuauauuauucguuugacuauguguaucggcuauauaaacauugucaaucgaauaaugaaaaugugcacgucuugcaaauuagcacuuuguug        exp
    ..............((((((.(((((((((.(((((.((((.............)))).)))))).)))))))))).))))..(((...(((......)))...))).. reads     mm      sample
    ..................uauauuauucguuugacuaug.................................................................... 2         0       c02
    ..................uauauuauucguuugacuaugu................................................................... 11        0       c02
    ..................uauauuauCcguuugacuaugu................................................................... 1         1       c02
    ..................Gauauuauucguuugacuaugu................................................................... 3         1       c02
    ..................uauauuauucguuugacuaugug.................................................................. 1         0       c02
    ..................uauauuauucguuugacuaugugA................................................................. 1         1       c02
    ..........................................cauugucaaucgaauaaugaaa.................................................. 1         0       c02

    ..................uauauuauucguuugacua...................................................................... 1         0       c15
    ..................uauauuauucguuugacuaug.................................................................... 1         0       c15
    ..................uauauuauucguuugacuaugu................................................................... 35        0       c15
    ..................uauauuauucgGuugacuaugu................................................................... 1         1       c15
    ..................uauauuauucguuugacuaugug.................................................................. 24        0       c15
    ..................uauauuauucgCuugacuaugug.................................................................. 1         1       c15
    ..................uauauuauucguuugacuauguC.................................................................. 1         1       c15
    ..................uauauuauucguuugacuaugugu................................................................. 1         0       c15
    ..................uauauuauucguuugacuauguguUu............................................................... 1         1       c15
    ..................auauuauucguuugacuaugug................................................................... 1         0       c15
    ..........................................cauugucaaucgaauaaugaa.................................................. 2         0       c15
    ..........................................cauugucaaucgaauaaugaaaa................................................ 1         0       c15
    ..........................................auugucaaucgaauaaugaa.................................................. 1         0       c15
    ..........................................auugucaaucgaauaaugaaaa................................................ 5         0       c15
    ..........................................uugucaaucgaauaaugaaaaA................................................ 1         1       c15

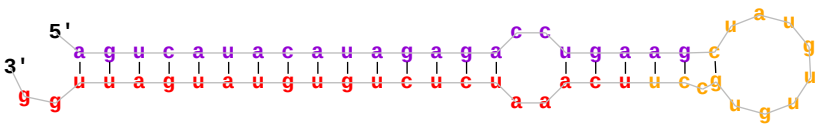
    ..................Gauauuauucguuugacu....................................................................... 1         1       c16
    ..................uauauuauucguuugacu....................................................................... 1         0       c16
    ..................uauauuauucguuugacuaug.................................................................... 4         0       c16
    ..................Gauauuauucguuugacuaug.................................................................... 1         1       c16
    ..................uauauuauucguuugacuaugu................................................................... 16        0       c16
    ..................Gauauuauucguuugacuaugu................................................................... 3         1       c16
    ..................uauauuauucguuugacuaugug.................................................................. 2         0       c16
    ....................auauuauucguuugacuaugu................................................................... 1         0       c16
    ....................auuauucguuugacuaugu..................................................................... 3         0       c16
```

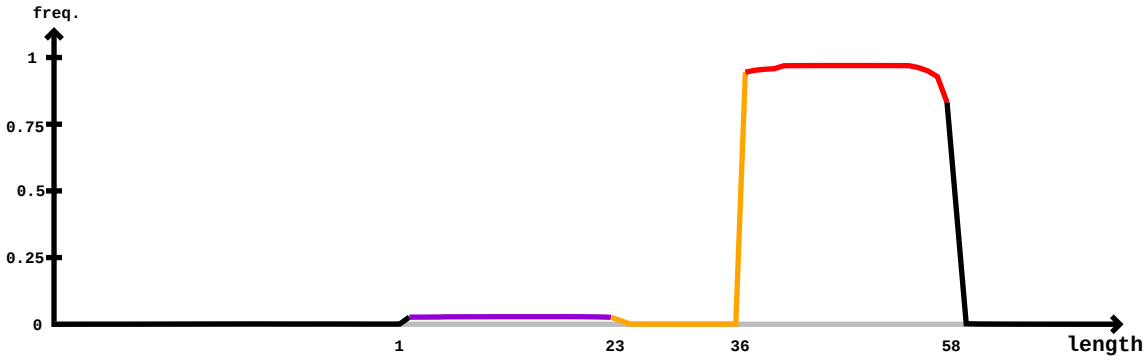
Mature Star

gguaacuacaaacaagcauuuauauuauucguuugacuauguguaucggcuauauaaacauugucaaucgaauaaugaaaaugugcacgucuugcaaauuagcacuuuguug

.....auuauucguuugacuaugug.....	1	0	c16
.....uauauuauucguuugacu.....	2	0	c04
.....Gauauuauucguuugacuaugu.....	1	1	c04
.....uauauuauucguuugacuaugu.....	1	0	c04
.....uauauuauucguuugacuaugug.....	1	0	c04
.....auuauucguuugacuaugu.....	1	0	c04
.....uauauuauucguuugacu.....	1	0	c09
.....uauauuauucguuugacuaugu.....	4	0	c09

Provisional ID	:	tig00004105_group25_39389
Score total	:	24589.6
Score for star read(s)	:	3.9
Score for read counts	:	24579.3
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	48223
Mature read count	:	46874
Loop read count	:	0
Star read count	:	1349





Star **Mature**

```
5'- ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccuucaaaucucuguguaugauuggccgcguucgucacuaac  -3'    obs
    ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccuucaaaucucuguguaugauuggccgcguucgucacuaac        exp
    ...(((((((((.(((........))))......((((((((((((((((((..((((((........).))))))..))))))))))))))))))..))))))....)))).....
```

	reads	mm	sample
.....cgacaacagacgaucucCccc.....	1	1	c02
.....cgacaacagacgaucucuccc.....	1	0	c02
.....gacaacagacgaucucuccc.....	1	0	c02
.....acaacagacgaucucuccc.....	1	0	c02
.....agucauacauagagaccu.....	2	0	c02
.....agucauacauagagaccug.....	1	0	c02
.....agucauacauagagaccuga.....	9	0	c02
.....aguAauacauagagaccugaa.....	1	1	c02
.....agucauacauagagaccugaa.....	11	0	c02
.....Ggucauacauagagaccugaag.....	2	1	c02
.....agucauacauagagCccugaag.....	1	1	c02
.....agucauacauagagaccugaaA.....	1	1	c02
.....agucauacauagaUaccugaag.....	1	1	c02
.....Cgucauacauagagaccugaag.....	4	1	c02
.....aCucauacauagagaccugaag.....	1	1	c02
.....agucauacauagagaccugaaU.....	1	1	c02
.....agucauacaAagagaccugaag.....	1	1	c02
.....agucauacauagagaccugaag.....	143	0	c02
.....agucauacauagagaccugaagU.....	1	1	c02
.....agucauacauagagaccugaagA.....	3	1	c02
.....agucauacauagagaccugaagG.....	1	1	c02
.....ucauacauagagaccugaag.....	6	0	c02
.....Acauacauagagaccugaag.....	1	1	c02
.....cauacauagagaccugaag.....	4	0	c02
.....auacauagagaccugaag.....	12	0	c02
.....Uccuucaaaucucuguguaugauugg.....	1	1	c02
.....cUuucaaaucucuguguaugauugg.....	1	1	c02
.....uucaaaucucuguguaugauug.....	1	0	c02
.....uucaaaucucuguguaugauugg.....	1	0	c02
.....Aucaaaucucuguguaugauugg.....	1	1	c02
.....ucaaaucucuguguaugU.....	1	1	c02
.....Gcaaaucucuguguauga.....	12	1	c02
.....ucaaaucucuguguauga.....	98	0	c02

Star Mature

ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccucaaaucucuguguaugauuggccgcguucgucacuaac

.....ucaaaucucuguguaugaA.....	1	1	c02
.....Gcaaaucucuguguaugau.....	18	1	c02
.....ucaaaucucuguguaugau.....	133	0	c02
.....Acaaaucucuguguaugau.....	1	1	c02
.....ucaaaucucuguguaugaC.....	1	1	c02
.....ucaaauAucuguguaugau.....	1	1	c02
.....Gcaaaucucuguguaugauu.....	39	1	c02
.....ucaaaucucuguguaugauu.....	283	0	c02
.....ucaaaucucuguCuaugauu.....	1	1	c02
.....ucaaaucAcuguguaugauu.....	2	1	c02
.....ucaaaucucuguguauCauu.....	2	1	c02
.....ucaaaucucuguguaugaAu.....	1	1	c02
.....ucaaaCcucuguguaugauu.....	1	1	c02
.....ucaaaucucugugAaugauu.....	1	1	c02
.....uAaaaucucuguguaugauu.....	2	1	c02
.....Acaaaucucuguguaugauu.....	1	1	c02
.....uUaaaucucuguguaugauu.....	1	1	c02
.....ucaaaucucuguguaugaAug.....	2	1	c02
.....ucaaaucuUuguguaugauug.....	1	1	c02
.....ucaaaucucuguguaugauuC.....	1	1	c02
.....ucaaaucucuguguGugauug.....	1	1	c02
.....ucaaaucucuguguauCauug.....	1	1	c02
.....ucaaaucucuguguaugauGg.....	1	1	c02
.....ucaaaucucuguCuaugauug.....	4	1	c02
.....ucaaaucucuCuguaugauug.....	4	1	c02
.....ucaaaCcucuguguaugauug.....	1	1	c02
.....ucaaaucucuguguaugCuug.....	1	1	c02
.....ucaaaucucuguguaAgauug.....	1	1	c02
.....Acaaaucucuguguaugauug.....	17	1	c02
.....ucaaaucucugAguaugauug.....	1	1	c02
.....ucaaGucucuguguaugauug.....	1	1	c02
.....uAaaaucucuguguaugauug.....	4	1	c02
.....ucaaaucucuguguaugauuA.....	1	1	c02
.....ucaaaucucuguguaugaCug.....	1	1	c02
.....ucaaaucucCguguaugauug.....	4	1	c02
.....ucaaaucucGguguaugauug.....	1	1	c02
.....ucaaauAucuguguaugauug.....	1	1	c02
.....ucaGaucucuguguaugauug.....	2	1	c02
.....ucaaaucuAuguguaugauug.....	1	1	c02
.....ucaaaucucuguguaugauug.....	1634	0	c02
.....ucaaaucAcuguguaugauug.....	1	1	c02
.....Gcaaaucucuguguaugauug.....	194	1	c02
.....ucaaauUucuguguaugauug.....	1	1	c02
.....ucaaaucucugugCaugauugg.....	6	1	c02
.....ucaaaucucuguguaugaCugg.....	4	1	c02
.....ucaaaucucuguguaCgauugg.....	5	1	c02
.....ucaaaucucuguguaugCuugg.....	1	1	c02
.....ucaaaucucuguUuaugauugg.....	6	1	c02
.....ucaaaucucugugGaugauugg.....	3	1	c02
.....ucCaaucucuguguaugauugg.....	1	1	c02
.....ucaaaucucuAuguaugauugg.....	4	1	c02
.....ucaaaucucuguguaugauuUg.....	6	1	c02
.....ucaaaucucuguguauAauugg.....	5	1	c02
.....ucaaaucucugGuaugauugg.....	1	1	c02
.....ucaaauUucuguguaugauugg.....	6	1	c02
.....ucaaauGucuguguaugauugg.....	1	1	c02
.....ucaaaucucuguguaAgauugg.....	11	1	c02
.....ucaaaucucuguguaugauugU.....	43	1	c02
.....ucaaaucucuguguaGgauugg.....	17	1	c02
.....uAaaaucucuguguaugauugg.....	10	1	c02
.....ucaaaAcucuguguaugauugg.....	10	1	c02
.....ucaaaucucuguguaugauAgg.....	8	1	c02
.....ucaaaucucuguguaugauuCg.....	17	1	c02
.....ucaaauAucuguguaugauugg.....	19	1	c02
.....ucaaaucucuguguaugaAugg.....	8	1	c02
.....ucaGaucucuguguaugauugg.....	2	1	c02
.....ucaaaucucuguguaugauugC.....	14	1	c02
.....ucaCaucucuguguaugauugg.....	1	1	c02
.....ucaaaucucuUuguaugauugg.....	1	1	c02
.....ucaaaucucGguguaugauugg.....	3	1	c02

Star Mature

ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccucaaaucucuguguaugauuggccgcguucgucacuaac

.....Acaaaucucuguguaugauugg.....	92	1	c02
.....ucaaaucucuguguaugauCgg.....	3	1	c02
.....ucaaaucucugugAaugauugg.....	8	1	c02
.....uUaaaucucuguguaugauugg.....	11	1	c02
.....ucaaaucucuguguaugUuugg.....	4	1	c02
.....ucaaCucucuguguaugauugg.....	5	1	c02
.....ucaaaucCcuguguaugauugg.....	5	1	c02
.....ucaaaucucuguguaugauugg.....	13545	0	c02
.....ucaaaucucugAguaugauugg.....	6	1	c02
.....ucaaaucucuguguaugauuAg.....	5	1	c02
.....ucaaaucuAuguguaugauugg.....	17	1	c02
.....ucaaaucucgCguaugauugg.....	2	1	c02
.....ucaaaucucuguguauUauugg.....	9	1	c02
.....uGaaaucucuguguaugauugg.....	2	1	c02
.....ucaaaucucuguguaugGuugg.....	2	1	c02
.....ucaaaucucCguguaugauugg.....	4	1	c02
.....ucaaaucuGuguguaugauugg.....	5	1	c02
.....ucaaaucAcuguguaugauugg.....	5	1	c02
.....Gcaaaucucuguguaugauugg.....	1798	1	c02
.....ucaaaucucuguguauCauugg.....	25	1	c02
.....ucaaaucucAguguaugauugg.....	7	1	c02
.....Ccaaaucucuguguaugauugg.....	10	1	c02
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.....ucaaaucucuguguaugaGugg.....	2	1	c02
.....ucaUaucucuguguaugauugg.....	2	1	c02
.....ucaaaucucuguguUugauugg.....	1	1	c02
.....ucGaaucucuguguaugauugg.....	1	1	c02
.....ucaaaucucuguguGugauugg.....	8	1	c02
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.....Gcaaaucucuguguaugauuggc.....	3	1	c02
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.....ucaaaucucuguguaugauuggGc.....	3	1	c02
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.....ucaaaucucuguguaugauuggcA.....	3	1	c02
.....caaaucucuguguaugau.....	1	0	c02
.....caaaucucuguguaugauu.....	4	0	c02
.....caaaucucuguguauCauug.....	1	1	c02
.....caaaucucuguguaugauug.....	9	0	c02
.....caaaucucuguguaugauuUg.....	1	1	c02
.....caaaucucuguguaugauugg.....	154	0	c02
.....caaaucucuguCuaugauugg.....	1	1	c02
.....caaaucuAuguguaugauugg.....	1	1	c02
.....caaaucucuguguaGgauugg.....	1	1	c02
.....caaaucucuguguaugauAgg.....	1	1	c02
.....caaaucucuguguaugauuggA.....	8	1	c02
.....caaaucucuguguaugauuggU.....	2	1	c02
.....aaaucucuguguaugauu.....	2	0	c02
.....aaaucucuguguaugauug.....	2	0	c02
.....Caaucucuguguaugauug.....	1	1	c02
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.....aaaucucuguguaugauugg.....	50	0	c02
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.....aaaucucuguguaugauugU.....	1	1	c02
.....aaaucucuguguaugauAgg.....	1	1	c02
.....aaaucucuguguaugauuggU.....	2	1	c02
.....aaaucucuguguaugauuggA.....	1	1	c02
.....aaucucuguguaugauug.....	1	0	c02
.....aaucucuCuguaugauug.....	1	1	c02
.....Caucucuguguaugauugg.....	1	1	c02
.....aGucucuguguaugauugg.....	1	1	c02
.....aaucucuguguaugauugg.....	18	0	c02

Star Mature

```
ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccuucaaaucucuguguaugauuggccgcguucgucacuaac
.....................................................................aucucuguguaugaAugg.....  1   1   c02
.....................................................................Cucucuguguaugauugg.....  19  1   c02
.....................................................................aucucugGuaugauugg.....  1   1   c02
.....................................................................aucucuguguaugauugg.....  160 0   c02
.....................................................................aucucuguguaugauuggU....  6   1   c02
.....................................................................aucucuguguaugauuggA....  2   1   c02
.....................................................................ucucuguguaugauuggU....  2   1   c02

ccauggcaacgcuucgacaa..................................................................................  4   0   c15
.cauggcaGcgcuucgacaac.................................................................................  1   1   c15
.cauggcaacgcuucgacaac.................................................................................  5   0   c15
..auggcaacgcuucgacaaca................................................................................  2   0   c15
..auggcaacgcuucgacaacG................................................................................  1   1   c15
......caacgcuucgacaacagacgauc.........................................................................  1   0   c15
.......aacgcuucgacaacagacga...........................................................................  3   0   c15
........acgcuucgacaacagacgauUu........................................................................  1   1   c15
.........cgcuucgacaacagacgauc.........................................................................  5   0   c15
.........cgcuucgacaacGgacgauc.........................................................................  2   1   c15
.........cgcuucgacaacagacgaucuc.......................................................................  1   0   c15
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..........cuucgacaacagacgaucuc........................................................................  3   0   c15
..........cuucgacaGcagacgaucuc........................................................................  1   1   c15
..........cuucgacaacagacgGucuc........................................................................  1   1   c15
..........cuucgacaacagacgaucucu.......................................................................  2   0   c15
...........uucgacaacGgacgaucucu.......................................................................  1   1   c15
...........uucgacaacagacgaucucuc......................................................................  1   0   c15
............ucgacaacagacgGucucuc......................................................................  1   1   c15
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.................acagacgaucucucccagu....................................................................  1   0   c15
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........................cucccagucauacauagagaU.........................................................  1   1   c15
........................ucccagucauacauagagacc.........................................................  1   0   c15
..........................ccagucauacauagagaccu.........................................................  1   0   c15
..........................ccagucauacauagagaccA.........................................................  1   1   c15
..........................ccagucauacauagagaccuU........................................................  1   1   c15
...........................cagucauacauagagaccug........................................................  1   0   c15
...........................cagucauacauagagaccugG.......................................................  1   1   c15
...........................cagucauacauagagaccugU.......................................................  2   1   c15
...........................cagucauacauagagaccugaU......................................................  1   1   c15
...........................cagucauacauagagaccugaag.....................................................  1   0   c15
............................agucauacauagagaccuga.......................................................  4   0   c15
............................agucauacauagagaccugaa......................................................  3   0   c15
............................agucauacGuagagaccugaag.....................................................  1   1   c15
............................agucGuacauagagaccugaag.....................................................  1   1   c15
............................agAcauacauagagaccugaag.....................................................  2   1   c15
............................aAucauacauagagaccugaag.....................................................  1   1   c15
............................agGcauacauagagaccugaag.....................................................  1   1   c15
............................aUucauacauagagaccugaag.....................................................  1   1   c15
............................Ugucauacauagagaccugaag.....................................................  1   1   c15
............................agucauacauagagaccugaGg.....................................................  1   1   c15
............................agucauacauGgagaccugaag.....................................................  3   1   c15
............................agucauacauagagaccugaaU.....................................................  1   1   c15
............................agucauacauagagaccugaag.....................................................  590 0   c15
............................agucauacauagagGccugaag.....................................................  3   1   c15
............................Ggucauacauagagaccugaag.....................................................  1   1   c15
............................agucauacauaAagaccugaag.....................................................  1   1   c15
............................agucauacauagagaccugGag.....................................................  1   1   c15
```

Star Mature

```
ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccuucaaaucucuguguaugauuggccgcguucgucacuaac
.....agucauGcauagagaccugaag..... 5 1 c15
.....Cgucauacauagagaccugaag..... 1 1 c15
.....agucauacauagGgaccugaag..... 1 1 c15
.....agucauacauagagaccugaagA..... 4 1 c15
.....agucauacauagagaccugaagU..... 5 1 c15
.....agucauacauagagaccugaagAu..... 1 1 c15
.....agucauacauagagaccugaagUu..... 1 1 c15
.....ucauacauagagGccugaag..... 2 1 c15
.....ucauacauagGgaccugaag..... 1 1 c15
.....cauacauagagaccugaagc..... 3 0 c15
.....auacauagagaccugaagcu..... 5 0 c15
.....auacauagagaccugaagcuGugu..... 1 1 c15
.....uacauagagaccugaagcua..... 2 0 c15
.....uacauagagaccugaagcuaA..... 1 1 c15
.....uacauagagaccugaagcuGu..... 1 1 c15
.....uacauagagaccugaagcuauUu..... 1 1 c15
.....acauagagaccugaagcuau..... 3 0 c15
.....acauagagaccugaagcuaugu..... 1 0 c15
.....auagagaccugaagcuaugu..... 1 0 c15
.....uGgagaccugaagcuauguu..... 1 1 c15
.....uagagaccugaagcuGuguu..... 4 1 c15
.....uagagaccugaagcuauguu..... 7 0 c15
.....uGgagaccugaagcuauguug..... 1 1 c15
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.....................................................................ucaaaucucAguguaugauug....  1  1  c16
.....................................................................ucaaaucucuAuguaugauug....  1  1  c16
.....................................................................ucGaaucucuguguaugauug....  1  1  c16
.....................................................................ucaaaucucuguguauCauug....  1  1  c16
.....................................................................Gcaaaucucuguguaugauug....  65 1  c16
.....................................................................ucaaaucucuguguaugauuC....  1  1  c16
.....................................................................ucaaaucucuguguauUauug....  2  1  c16
.....................................................................ucaaaucucuguguaugauuU....  1  1  c16
.....................................................................Acaaaucucuguguaugauug....  1  1  c16
.....................................................................ucaaaucucuguguaugaAug....  1  1  c16
.....................................................................uAaaaucucuguguaugauug....  2  1  c16
.....................................................................ucaaUucucuguguaugauug....  1  1  c16
.....................................................................ucaaaucucuguguaCgauugg...  3  1  c16
.....................................................................ucaaaucucuguguauUauugg...  5  1  c16
```

Star Mature

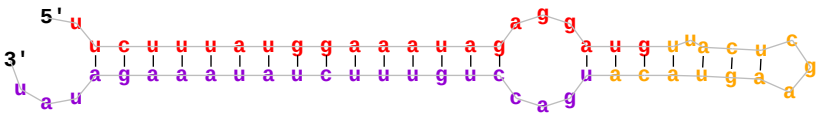
ccauggcaacgcuucgacaacagacgaucucucccagucauacauagagaccugaagcuauguugugccucaaaucucuguguaugauuggccgcguucgucacuaac

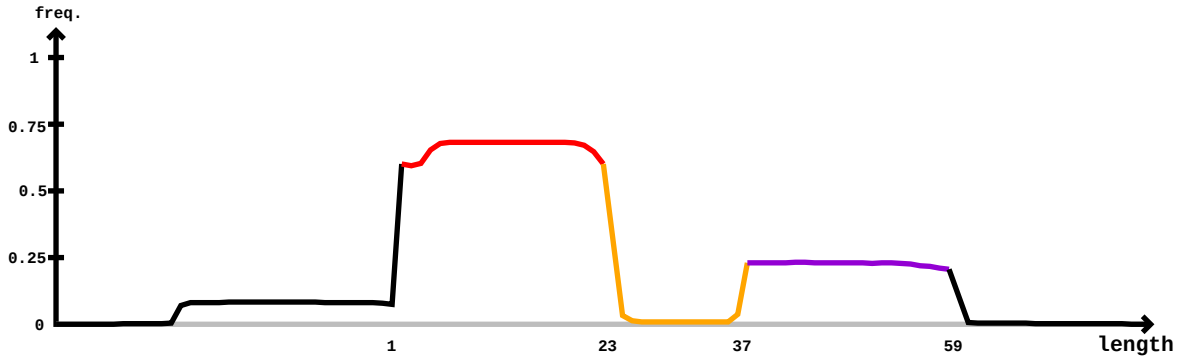
.....ucaaaucucuguCuaugauugg.....	11	1	c16
.....ucaaaucucuguUuaugauugg.....	2	1	c16
.....ucGaaucucuguguaugauugg.....	2	1	c16
.....ucaaaucucuguguaugaGugg.....	3	1	c16
.....ucaaCucucuguguaugauugg.....	5	1	c16
.....ucaaaucuAuguguaugauugg.....	8	1	c16
.....ucaaauGucuguguaugauugg.....	1	1	c16
.....Acaaaucucuguguaugauugg.....	42	1	c16
.....ucaaaucucuguguaugauAgg.....	7	1	c16
.....ucaaaucucugAguaugauugg.....	10	1	c16
.....ucaaaucucugugAaugauugg.....	3	1	c16
.....ucaaaucucuguguaGgauugg.....	2	1	c16
.....ucaaaucucAguguaugauugg.....	3	1	c16
.....ucaaauUucuguguaugauugg.....	2	1	c16
.....ucaaaucucuguguaugauugA.....	3	1	c16
.....ucaaaucucuguguaugauCgg.....	2	1	c16
.....ucaaaucucuguguaugauugg.....	6727	0	c16
.....ucaaaucuUuguguaugauugg.....	1	1	c16
.....ucaaaucucCguguaugauugg.....	2	1	c16
.....ucaaUucucuguguaugauugg.....	1	1	c16
.....ucaaauAucuguguaugauugg.....	16	1	c16
.....ucaaaucucuguGuguaugg.....	4	1	c16
.....ucaaaucucuguguauCauugg.....	10	1	c16
.....ucaaaucCcuguguaugauugg.....	3	1	c16
.....uGaaaucucuguguaugauugg.....	3	1	c16
.....ucaaaucucuguguaugaAugg.....	2	1	c16
.....ucaaGucucuguguaugauugg.....	1	1	c16
.....ucaaaucucuguguaugauuAg.....	3	1	c16
.....ucaaaucucuAuguaugauugg.....	2	1	c16
.....ucaaaucuGuguguaugauugg.....	3	1	c16
.....Ccaaaucucuguguaugauugg.....	5	1	c16
.....ucaaaucucuguguaugauugC.....	12	1	c16
.....ucaaaucucuguguaugauuUg.....	7	1	c16
.....ucaaaucucuguguaugGuugg.....	1	1	c16
.....ucaaaucucuUuguaugauugg.....	3	1	c16
.....ucaaaucucugGguaugauugg.....	3	1	c16
.....uAaaaucucuguguaugauugg.....	8	1	c16
.....uUaaaucucuguguaugauugg.....	5	1	c16
.....ucaaaucAcuguguaugauugg.....	5	1	c16
.....ucaaaucucuCuguaugauugg.....	9	1	c16
.....ucaaaucucugugCaugauugg.....	4	1	c16
.....ucaaaucucuguguaugauuCg.....	12	1	c16
.....Gcaaaucucuguguaugauugg.....	865	1	c16
.....ucaaaucucuguguaugauugU.....	17	1	c16
.....ucaCaucucuguguaugauugg.....	2	1	c16
.....ucCaaucucuguguaugauugg.....	1	1	c16
.....ucaaaucucugCguaugauugg.....	3	1	c16
.....ucaaaucucuguguaugauuggA.....	64	1	c16
.....ucaaaucucuguguaugauuggG.....	5	1	c16
.....ucaaaucucuguguaugauuggU.....	83	1	c16
.....ucaaaucucuguguaugauugUc.....	1	1	c16
.....ucaaaucucuguguaugauuggc.....	15	0	c16
.....ucaaaucucuguguaugauuggUc.....	1	1	c16
.....ucaaaucucuguguaugauuggcA.....	2	1	c16
.....ucaaaucucuguguaugauuggAc.....	1	1	c16
.....ucaaaucucuguguaugauuggGc.....	2	1	c16
.....ucaaaucucuguguaugauuggGcg.....	1	1	c16
.....caaaucucuguguaugauug.....	3	0	c16
.....caaaucucuguguaugauugg.....	29	0	c16
.....caaaucucuguguaugauuggG.....	1	1	c16
.....aaaucucuguguaugauu.....	3	0	c16
.....aaaucucuguguaugauug.....	4	0	c16
.....aaaucucuguguaugauugg.....	29	0	c16
.....aaUucucuguguaugauugg.....	1	1	c16
.....aaaucucuguguaugauuCg.....	1	1	c16
.....aaucucuguguaugauug.....	2	0	c16
.....Caucucuguguaugauug.....	1	1	c16
.....aaucucuguguaugauugg.....	16	0	c16
.....Gaucucuguguaugauugg.....	1	1	c16
.....aucucuguguaugauugg.....	54	0	c16

Star Mature

```
ccauggcaacgcuucgacaacagacgaucucuccc agucauacauagagaccugaag cuauguugugccu ucaaaucucuguguaugauuggccgcguucgucacuaac
                                                
```

Provisional ID	:	tig00004208_group19_38947
Score total	:	210.8
Score for star read(s)	:	3.9
Score for read counts	:	204.1
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	412
Mature read count	:	311
Loop read count	:	0
Star read count	:	101





Mature **Star**

```
5'- cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg  -3'   obs
    cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggaauguacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg        exp
    .............(((((((...(((((((.....(((((((((((((...((((.(((...)))))))...)))))))))))))))...)))))))))))).....   reads      mm        sample
    ................................auucuuuauggaaauagaggaug.....................................................   1          0         c02
    ................................uucuuuauggaaauagagga........................................................   1          0         c02
    ................................uucuuuauggaaauagaggC........................................................   1          1         c02
    ................................Gucuuuauggaaauagaggaug......................................................   1          1         c02
    ................................uucuuuauggaaauagaggaug......................................................   5          0         c02
    ................................uucuuuauggaaauagaggaugu.....................................................   2          0         c02
    ..................................Guuauggaaauagaggaug.......................................................   1          1         c02
    ..................................uuuauggaaauagaggaug.......................................................   3          0         c02
    ..................................uuuauggaaauagaggaugu......................................................   1          0         c02
    ..................................uuauggaaauagaggaug........................................................   1          0         c02
    ....................................................................augaUcuguuucuauaaag.....................   1          1         c02
    ....................................................................augaUcuguuucuauaaagauau.................   1          1         c02
    ....................................................................ugaccuguuucuauaaagauau..................   1          0         c02

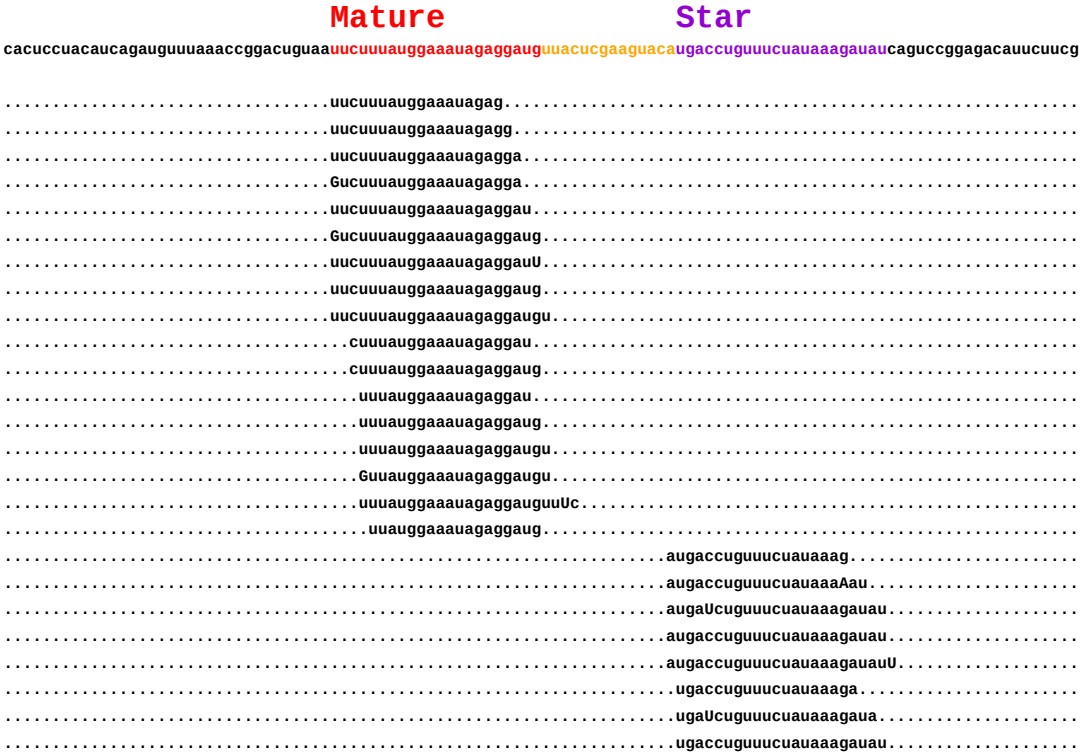
    ................................uucuuuauggaaauagaUgaug.....................................................   1          1         c15
    ................................uuUuuuauggaaauagaggaug.....................................................   1          1         c15
    ................................uucuuuauggaaauagaggaug.....................................................   45         0         c15
    ................................uucuuuauggaaauagaggauU.....................................................   1          1         c15
    ................................uucuuuauggaaauagaggaugA....................................................   2          1         c15
    ................................uucuuuauggaaauagaggaugu.....................................................   10         0         c15
    ..............................................................uuacucgaaguacaugaccuguuucuauaU.................   1          1         c15
    ....................................................................augaccuguuucuauaaagauau.................   4          0         c15
    ....................................................................ugaccuguuucuauaaag.......................   1          0         c15
    ....................................................................ugaccuguuucuauaaagau.....................   1          0         c15
    ....................................................................ugaccugGuucuauaaagauau...................   1          1         c15
    ....................................................................ugaccuguuucuauaaagauau...................   55         0         c15
    ....................................................................ugaUcuguuucuauaaagauau...................   5          1         c15
    ....................................................................ugaccuguuucuauaaagauauU..................   16         1         c15
    ....................................................................ugaccuguuucuauaaagauauUa.................   1          1         c15

    .....cuacaucagauguuuaaaccg..................................................................................   1          0         c04
    ..........ucagauguuuaaaccggacuguaauuc.......................................................................   1          0         c04
    ............agauguuuaaaccggacuguaauu........................................................................   1          0         c04
```

Mature Star

```
cacuccuacaucagauguuuaaaccggacuguaauucuuuauggaaauagaggauguuacucgaaguacaugaccuguuucuauaaagauaucaguccggagacauucuucg
.................................uucuuuauggaaauagagga.....................................................  1   0   c04
.................................uucuuuauggaaauagaggaug...................................................  10  0   c04
.................................Gucuuuauggaaauagaggaug...................................................  1   1   c04
.................................uucuuuauggaaauagaggaugu..................................................  3   0   c04
.................................uucuuuauggaaauagaggauguA.................................................  1   1   c04
..................................cuuuauggaaauagaggaug....................................................  1   0   c04
..................................uuuauggaaauagaggaug.....................................................  1   0   c04
..................................uuuauggaaauagaggaugu....................................................  1   0   c04
..................................uuuauggaaauagaggauguA...................................................  1   1   c04
..................................uuauggaaauagaggaug......................................................  2   0   c04
..................................uuauggaaauagaggaugu.....................................................  1   0   c04
..................................Guauggaaauagaggaugu.....................................................  1   1   c04
..................................uauggaaauagaggaugu......................................................  1   0   c04

..........cagauCuuuaaaccggacugu.....................................................................  1   1   c16
..........cagauguuuaaacAggacugua....................................................................  1   1   c16
..........cagauguuuaaaccggacugua....................................................................  3   0   c16
..........cagauguuuaaaccggacuguaau...................................................................  4   0   c16
..........cagauguuuaaaccggacuguaauu..................................................................  3   0   c16
..........cagauguuuaaaccggacuguaauuc.................................................................  13  0   c16
..........cagauguuuaaaccggacuguaaGuc.................................................................  1   1   c16
..........cagauguuuaaaccggacuguaauucu................................................................  3   0   c16
..........cagauguuuaaaccggacuguaaGucu................................................................  1   1   c16
...........agauguuuaaaccggacuguaauu..................................................................  2   0   c16
...........agauguuuaaaccggacuguaauuc.................................................................  1   0   c16
...........agauguuuaaaccggacuguaauucu................................................................  1   0   c16
.............guuuaaaccggacuguaauuc...................................................................  1   0   c16
.................................auucuuuauggaaauagaggaugu.............................................  1   0   c16
.................................Gucuuuauggaaauagagg.................................................  1   1   c16
.................................uucuuuauggaaauagagg.................................................  2   0   c16
.................................uucuuuauggaaauagagga................................................  4   0   c16
.................................Gucuuuauggaaauagaggau...............................................  3   1   c16
.................................uucuuuauggaaauagaggau...............................................  9   0   c16
.................................uucuuuauggaaauagaUgau...............................................  1   1   c16
.................................uucuuuauggaaauagaggUug..............................................  1   1   c16
.................................uucuuuauggaaauagaggaug..............................................  63  0   c16
.................................uucuuuauggaaauagaAgaug..............................................  2   1   c16
.................................Gucuuuauggaaauagaggaug..............................................  5   1   c16
.................................uucuuuauggaaauagaggaugu.............................................  23  0   c16
.................................Gucuuuauggaaauagaggaugu.............................................  4   1   c16
.................................uucuuuauggaaauaUaggaugu.............................................  1   1   c16
.................................uucuuuauggaaauagaggauguA............................................  5   1   c16
.................................Gucuuuauggaaauagaggauguu............................................  1   1   c16
.................................uucuuuauggaaauagaggauguAa...........................................  2   1   c16
.................................uUuuuauggaaauagaggaugu..............................................  1   1   c16
..................................Guuuauggaaauagaggaug...............................................  1   1   c16
..................................cuuuauggaaauagaggaug...............................................  1   0   c16
..................................cuuuauggaaauagaggaugA..............................................  1   1   c16
..................................cuuuauggaaauagaggaugu...............................................  1   0   c16
.................................uuuauggaaauaAaggau..................................................  1   1   c16
.................................uuuauggaaauagaggau..................................................  3   0   c16
.................................uuuauggaaauagaggaug.................................................  10  0   c16
..................................Guuauggaaauagaggaug.................................................  2   1   c16
.................................uuuauggaaauagaggaugu................................................  9   0   c16
..................................uuauggaaauagaggaug.................................................  5   0   c16
...................................Auauggaaauagaggaug.................................................  1   1   c16
...................................uuauggaaauagaUgaug.................................................  1   1   c16
...................................uuauggaaauagaggauguC...............................................  1   1   c16
...................................uuauggaaauagaggauguA...............................................  2   1   c16
....................................uauggaaauagaggaugu.................................................  1   0   c16
.........................................................acucgaaguacaugaccug.........................  1   0   c16
.........................................................Ccucgaaguacaugaccuguuucua...................  1   1   c16
...........................................................ucgaaguacaugaUcuguuucuauaaa...............  1   1   c16
.............................................................augaUcuguuucuauaaagauau.................  2   1   c16
...............................................................ugaccuguuucuauaaagau..................  1   0   c16
...............................................................ugaccuguuucuauaaagaua.................  1   0   c16
.................................................................Ggaccuguuucuauaaagauau.................  1   1   c16
...............................................................ugaUcuguuucuauaaagauau.................  1   1   c16
.....................................................................uguuucuauaaagauaucaguccgg...........  1   0   c16
.....................................................................aaagauaucaguccggagacauucuu..........  1   0   c16
```



.....uucuuuauggaaauagag.....	1	0	c09
.....uucuuuauggaaauagagg.....	1	0	c09
.....uucuuuauggaaauagagga.....	3	0	c09
.....Gucuuuauggaaauagagga.....	1	1	c09
.....uucuuuauggaaauagaggau.....	2	0	c09
.....Gucuuuauggaaauagaggaug.....	2	1	c09
.....uucuuuauggaaauagaggauU.....	1	1	c09
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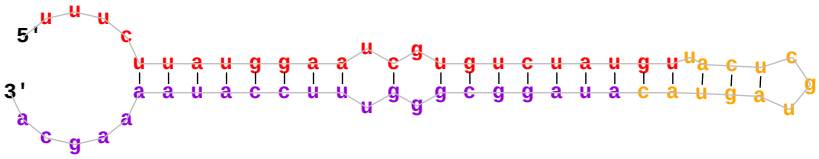
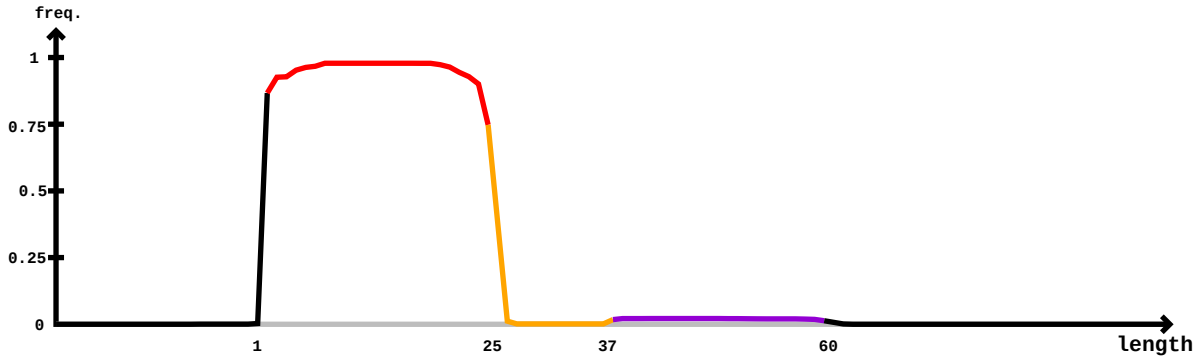
.....uucuuuauggaaauagaggaugu.....	3	0	c09
.....cuuuauggaaauagaggau.....	1	0	c09
.....cuuuauggaaauagaggaug.....	4	0	c09
.....uuuauggaaauagaggau.....	1	0	c09
.....uuuauggaaauagaggaug.....	3	0	c09
.....uuuauggaaauagaggaugu.....	1	0	c09
.....Guuauggaaauagaggaugu.....	1	1	c09
.....uuuauggaaauagaggauguuUc.....	1	1	c09
.....uuauggaaauagaggaug.....	1	0	c09
.....augaccuguuucuauaaag.....	1	0	c09
.....augaccuguuucuauaaaAau.....	1	1	c09
.....augaUcuguuucuauaaagauau.....	1	1	c09
.....augaccuguuucuauaaagauau.....	1	0	c09
.....augaccuguuucuauaaagauauU.....	1	1	c09
.....ugaccuguuucuauaaaga.....	1	0	c09
.....ugaUcuguuucuauaaagaua.....	1	1	c09
.....ugaccuguuucuauaaagauau.....	1	0	c09

Provisional ID	:	tig00004208_group19_38952
Score total	:	2390.2
Score for star read(s)	:	3.9
Score for read counts	:	2383.6
Score for mfe	:	1.8
Score for randfold	:	1.6
Score for cons. seed	:	-0.6
Total read count	:	4687
Mature read count	:	4592
Loop read count	:	0
Star read count	:	95





Mature **Star**

```
5'- auguuuaaaccuggcuguuguuucuuauggaaucgugucuaugguacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuucuacaug  -3'   obs
    auguuuaaaccuggcuguuguuucuuauggaaucgugucuaugguacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuucuacaug        exp
    ........(((.(((((.(((((.(((((((((.(.((((((((((.(((...))))))))))).).)))))))))))))).)))))..)))).....................  reads   mm   sample
    ...................Guucuuauggaaucgugu.....................................................................................  1       1    c02
    ...................uuAcuuauggaaucgugu.....................................................................................  2       1    c02
    ...................uuAcuuauggaaucguguc....................................................................................  5       1    c02
    ...................uuucuuauggaaucguguc....................................................................................  3       0    c02
    ...................uuAcuuauggaaucgugucu...................................................................................  5       1    c02
    ...................uuucuuauggaaucgugucA...................................................................................  1       1    c02
    ...................uuAcuuauggaaucgugucua..................................................................................  5       1    c02
    ...................uuucuuauggaaucguCucua..................................................................................  1       1    c02
    ...................uuucuuauggaaucgugucuau.................................................................................  6       0    c02
    ...................uuAcuuauggaaucgugucuau.................................................................................  3       1    c02
    ...................uuucuuauggaaucgugucuaug................................................................................  6       0    c02
    ...................uuAcuuauggaaucgugucuaug................................................................................  5       1    c02
    ...................uuucuuauggaaucgugucuaugu...............................................................................  48      0    c02
    ...................Guucuuauggaaucgugucuaugu...............................................................................  12      1    c02
    ...................uuAcuuauggaaucgugucuaugu...............................................................................  114     1    c02
    ...................uuucuuauggaaucgugucuauguu..............................................................................  2       0    c02
    ....................uucuuauggaaucgugucu....................................................................................  2       0    c02
    ....................Gucuuauggaaucgugucuaug.................................................................................  1       1    c02
    ....................uucuuauggaaucgugucuaug.................................................................................  3       0    c02
    ....................uAcuuauggaaucgugucuaugu................................................................................  1       1    c02
    ....................uucuuauggaaucgugucuaugu................................................................................  11      0    c02
    .....................Acuuauggaaucgugucuaugu................................................................................  1       1    c02
    .....................Guuauggaaucgugucuaug..................................................................................  1       1    c02
    .....................cuuauggaaucgugucuaug..................................................................................  3       0    c02
    .....................cuuauggaaucgugucuaugu.................................................................................  16      0    c02
    .....................Uuuauggaaucgugucuaugu.................................................................................  3       1    c02
    .....................cuuauggaaucgugucuauguA................................................................................  3       1    c02
    .....................cuuauggaaucgugucuauguuU...............................................................................  1       1    c02
    .....................uuauggaaucgugucuau.....................................................................................  2       0    c02
    .....................uuauggaCucgugucuaugu...................................................................................  1       1    c02
    .....................uuauggaaucgugucuaugu...................................................................................  7       0    c02
    .....................uuauggaaucgugucuauguu..................................................................................  1       0    c02
    .....................uauggaaucgugucuaugu....................................................................................  4       0    c02
```

Mature Star

```
auguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuucuacaug
.....auggaaucgugucuaugu.....auaggcgggguuuccauaaaagca.....  10  0  c02
.....auggaaucgugucuaugu.....auaggcgggguuuccauaaaagca.....  1  0  c02

.....guuucuuauggaaucgugucuau.....  1  0  c15
.....guuAcuuauggaaucgugucuaugu.....  1  1  c15
.....guuucuuauggaaucgugucuaugu.....  1  0  c15
.....uuAcuuauggaaucguguc.....  3  1  c15
.....uuucuuauggaaucguguc.....  2  0  c15
.....uuAcuuauggaaucgugucu.....  7  1  c15
.....uuucuuauggaaucgugucu.....  2  0  c15
.....uuAcuuauggaaucgugucua.....  19  1  c15
.....uuucuuauggaaucgugucua.....  1  0  c15
.....uuucuuauggaaucgugucuau.....  16  0  c15
.....uuAcuuauggaaucgugucuau.....  28  1  c15
.....uuucuuauggaaucgugucuaug.....  85  0  c15
.....uuucuuauggaaucgugucuCug.....  1  1  c15
.....uuucuuauggaaucgugucuauA.....  2  1  c15
.....uuAcuuauggaaucgugucuaug.....  298  1  c15
.....uuucuuauggaaucgugucuaugu.....  166  0  c15
.....uuucuuauggaaucgugucuaugC.....  1  1  c15
.....uuAcuuauggaaucgugucuaugu.....  1261  1  c15
.....uuucuuauggaaucgugucuauguu.....  3  0  c15
.....uuAcuuauggaaucgugucuauguu.....  76  1  c15
.....uuucuuauggaaucgugucuauguA.....  2  1  c15
.....uuAcuuauggaaucgugucuauguua.....  2  1  c15
.....uuucuuauggaaucgugucuauguuU.....  1  1  c15
.....uuucuuauggaaucgugucuauguuaU.....  1  1  c15
.....uucuuauggaaucgugucu.....  1  0  c15
.....uucuuauggaaucgugucua.....  1  0  c15
.....uucuuauggaaucgugucuau.....  1  0  c15
.....uAcuuauggaaucgugucuaug.....  2  1  c15
.....uucuuauggaaucgugucuaug.....  25  0  c15
.....uucuuauggaaucgugucuaugu.....  83  0  c15
.....uAcuuauggaaucgugucuaugu.....  5  1  c15
.....uucAuauggaaucgugucuaugu.....  1  1  c15
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.....uAcuuauggaaucgugucuauguu.....  1  1  c15
.....uucuuauggaaucgugucuauguA.....  2  1  c15
.....uucuuauggaaucgugucuauguAa.....  1  1  c15
.....uucuuauggaaucgugucuauguuU.....  2  1  c15
.....ucuuauggaaucgugucuauguu.....  1  0  c15
.....cuuauggaaucgugucuaugu.....  2  0  c15
.....uauggaaucgugucuaugu.....  1  0  c15
.....auggaaucgugucuaugu.....  1  0  c15
.....auaggcgggguuuccauaaaa.....  3  0  c15
.....auaggcgggguuuccauaaaag.....  5  0  c15
.....auaggcgggguuuccauaaaagU.....  1  1  c15
.....auaggcgggguuuccauaaaagc.....  18  0  c15
.....auaggcgggguuuccauaaaagca.....  20  0  c15
.....auaggcgggguuuccauaaaagcU.....  2  1  c15
.....auaggcgggguuuUcauaaaagca.....  1  1  c15
.....auaggcgggguuuccauaaaagcac.....  8  0  c15
.....auaggcgggguuuccauaaaagcaU.....  2  1  c15
.....auaggcgggguuuccauaaaagcaA.....  2  1  c15
.....auaggcgggguuuccauaaaagcacU.....  3  1  c15
.....uaggcgggguuuccauaaaagc.....  4  0  c15
.....uaggcgggguuuccauaaaagcU.....  1  1  c15
.....uUggcgggguuuccauaaaagca.....  1  1  c15
.....uaggcgggguuuccauaaaagca.....  10  0  c15
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.....guuucuuauggaaucgugucuau.....  1  0  c09
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.....uuAcuuauggaaucgugucu.....  8  1  c09
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.....uuucuuaCggaaucgugucua.....  1  1  c09
.....Guucuuauggaaucgugucuau.....  1  1  c09
.....uuucuuauggaaucgugucuau.....  4  0  c09
.....uuAcuuauggaaucgugucuau.....  4  1  c09
```

Mature Star

auguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuucuacaug

.....uuucuuauggaaucgugucuaug.....	8	0	c09
.....uuAcuuauggaaucgugucuaug.....	15	1	c09
.....Guucuuauggaaucgugucuaug.....	4	1	c09
.....uuAcuuauggaaucgugucuaugu.....	99	1	c09
.....uuucuuauggaaucgugucuaugu.....	32	0	c09
.....Guucuuauggaaucgugucuaugu.....	2	1	c09
.....uuucuuauggaaucguCucuaugu.....	1	1	c09
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.....uucuuauggaaucgugucuaug.....	4	0	c09
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.....uucuuauggaaucgugucuauguA.....	1	1	c09
.....uucuuauggaaucgugucuauguu.....	1	0	c09
.....Acuuauggaaucgugucu.....	1	1	c09
.....Uuuauggaaucgugucuau.....	1	1	c09
.....Uuuauggaaucgugucuaug.....	1	1	c09
.....cuuauggaaucgugucuaug.....	2	0	c09
.....cuuauggaaucguguAuaugu.....	1	1	c09
.....cuuauggaaucgugucuaugu.....	12	0	c09
.....uuauggaaucgugucuaug.....	1	0	c09
.....uuauggaaucgugucuaugu.....	3	0	c09
.....uuauggaaucgugucuauguu.....	1	0	c09
.....augCaaucgugucuaugu.....	1	1	c09
.....auggaaucgugucuaugu.....	5	0	c09
.....auUgaaucgugucuaugu.....	1	1	c09
.....auggaaucgugucuauguA.....	1	1	c09
.....Cuaggcgggguuuccauaaaa.....	1	1	c09
.....auaggcgggguuuccauaaaagca.....	1	0	c09
.....gcgggguuuccauaaaagcac.....	1	0	c09

.....gcuguuguuAcuuauggaaucgu.....	1	1	c16
.....gcuguuguuAcuuauggaaucguguc.....	1	1	c16
.....guuucuuauggaaucgugucua.....	1	0	c16
.....guuucuuauggaaucgugucuau.....	2	0	c16
.....guuucuuauggaaucgugucuaugu.....	4	0	c16
.....uuucuuauggaaucgugu.....	8	0	c16
.....uuAcuuauggaaucgugu.....	6	1	c16
.....Guucuuauggaaucgugu.....	1	1	c16
.....uuAcuuauggaaucguguc.....	16	1	c16
.....uuucuuauggaaucguguc.....	2	0	c16
.....uuAcuuauggaaucgugucu.....	54	1	c16
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.....Guucuuauggaaucgugucuaug.....	4	1	c16
.....Cuucuuauggaaucgugucuaug.....	1	1	c16
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.....Auucuuauggaaucgugucuaugu.....	1	1	c16
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.....uuucuuauggaaucgugucuauAu.....	2	1	c16
.....uuucuuauggaaucguguCucuaugu.....	2	1	c16
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.....uucuuauggaaucgugucuau.....	3	0	c16

Mature Star

auguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauaggcgggauuccauaaaagcaccagcccugguacauucuucgagggcuucuacaug

.....uucuuauggaaucgugucuaug.....	7	0	c16
.....uAcuuauggaaucgugucuaug.....	1	1	c16
.....uucuuGuggaaucgugucuaugu.....	1	1	c16
.....uucuuauggaGucgugucuaugu.....	1	1	c16
.....Gucuuauggaaucgugucuaugu.....	3	1	c16
.....uucuuauggaaucgugucuaugu.....	62	0	c16
.....uAcuuauggaaucgugucuaugu.....	6	1	c16
.....uuAuuauggaaucgugucuaugu.....	1	1	c16
.....uucuuauggaaucgugucuauguA.....	8	1	c16
.....uucuuauggaaucgugucuauguu.....	1	0	c16
.....uucuuauggaaucgugucuauguAa.....	3	1	c16
.....Acuuauggaaucgugucuaugu.....	4	1	c16
.....cuuauggaaucgugucua.....	2	0	c16
.....Uuuauggaaucgugucuau.....	2	1	c16
.....cuuauggaaucgugucuaug.....	4	0	c16
.....Guuauggaaucgugucuaug.....	1	1	c16
.....Uuuauggaaucgugucuaug.....	2	1	c16
.....Uuuauggaaucgugucuaugu.....	6	1	c16
.....Guuauggaaucgugucuaugu.....	1	1	c16
.....cuuauggaaucgugucuaugu.....	29	0	c16
.....cuuauggaaucgugucuaAgu.....	1	1	c16
.....cuuauggaaucgugucuauguu.....	1	0	c16
.....cuuauggaaucgugucuauguG.....	1	1	c16
.....cuuauggaaucgugucuauguA.....	2	1	c16
.....cuuauggaaucgugucuauguAa.....	8	1	c16
.....uuauggaaucgugucuaug.....	3	0	c16
.....uuauggaaucgugucuaugu.....	22	0	c16
.....uuauggaaucgugucuauUu.....	1	1	c16
.....Guauggaaucgugucuaugu.....	1	1	c16
.....uuauggaaucgugucuauguA.....	1	1	c16
.....uuauggaaucgugucuauguua.....	1	0	c16
.....uuauggaaucgugucuauguAa.....	2	1	c16
.....uauggaaucgugucuaug.....	2	0	c16
.....Gauggaaucgugucuaug.....	1	1	c16
.....uauggaaucgugucuaugu.....	6	0	c16
.....uauggaaucgugucuauguAa.....	1	1	c16
.....auggaaucguguGuaugu.....	1	1	c16
.....auggaaucgugucuaugu.....	17	0	c16
.....auggaaucgugucuauguA.....	1	1	c16
.....auggaaucgugucuauguAa.....	9	1	c16
.....guuacucguaguacauaggcggguuu.....	1	0	c16
.....uacucguaguacauaggcggguuucca.....	1	0	c16
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.....auaggcggguuuccauaaaagc.....	1	0	c16
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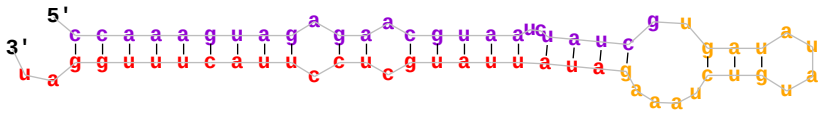
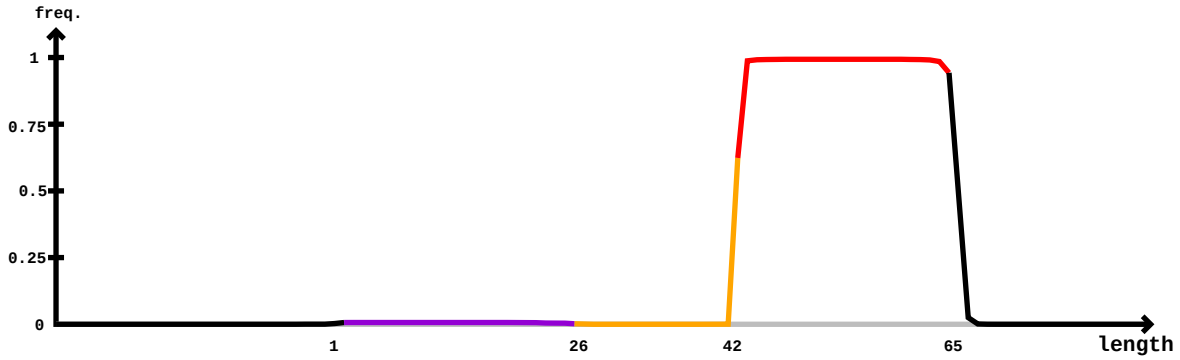
.....auaggcggguuucAauaaaagca.....	1	1	c16
.....Cuaggcggguuuccauaaaagca.....	1	1	c16
.....auaggcggguuuccauaaaagcac.....	1	0	c16
.....auaggcggguuuccauaaaagcacU.....	2	1	c16

.....uuAcuuauggaaucgugu.....	2	1	c04
.....uuAcuuauggaaucguguc.....	5	1	c04
.....uuAcuuauggaaucgugucu.....	8	1	c04
.....uuAcuuauggaaucgugucua.....	7	1	c04
.....uuAcuuauggaaucgugucuau.....	6	1	c04
.....uuucuuauggaaucgugucuau.....	2	0	c04
.....uuucuuauggaaucgugucuaug.....	7	0	c04
.....Guucuuauggaaucgugucuaug.....	1	1	c04
.....uuAcuuauggaaucgugucuaug.....	24	1	c04
.....uuucuuauggaaucgugucuaugA.....	1	1	c04
.....uuucuuauggaaucgugucuaugu.....	11	0	c04
.....uuAcuuauggaaucgugucuaugu.....	122	1	c04
.....uuucuuauggaaucgugucuauguG.....	1	1	c04
.....Auucuuauggaaucgugucuauguu.....	1	1	c04
.....uuucuuauggaaucgugucuauguA.....	1	1	c04
.....uuAcuuauggaaucgugucuauguu.....	2	1	c04
.....uuucuuauggaaucgugucuauguua.....	1	0	c04
.....uuucuuauggaaucgugucuauguAa.....	2	1	c04
.....uAcuuauggaaucgugucuau.....	1	1	c04

Mature
Star
auguuuaaaccuggcuguuguuucuuauggaaucgugucuauguuacucguaguacauaggcgggguuuccauaaaagcaccagcccugguacauucuucgagggcuucuacaug
.....uAcuuauggaaucgugucuaug..... 1 1 c04
.....uucuuauggaaucgugucuaug..... 4 0 c04
.....uucuuauCgaaucgugucuaugu..... 1 1 c04
.....uAcuuauggaaucgugucuaugu..... 1 1 c04
.....uucuuauggaaucgugucuaugu..... 1 0 c04
.....uucuuauggaaucgugucuauguA..... 1 1 c04
.....Acuuauggaaucgugucuaug..... 1 1 c04
.....cuuauggaaucgugucuaug..... 2 0 c04
.....cuuauggaaucgugucuaugu..... 7 0 c04
.....cuuauggaaucgugucuauguA..... 1 1 c04
.....uuauggaaucgugucuaug..... 2 0 c04
.....uauggaaucgugucuaug..... 1 0 c04
.....uauggaaucgugucuaugu..... 1 0 c04
.....Gauggaaucgugucuaugu..... 1 1 c04
.....uauggaaucgugucuauguCa..... 1 1 c04
.....uauggaaucgugucuauguAa..... 1 1 c04
.....auggaaucgugucuaugu..... 6 0 c04
.....uacucguaguacauaggcgggguuucc..... 2 0 c04
.....auaggcgggguuuccauaaaagca..... 1 0 c04

Provisional ID	:	tig00004313_49790
Score total	:	252921.7
Score for star read(s)	:	3.9
Score for read counts	:	252912.6
Score for mfe	:	0.5
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	496089
Mature read count	:	492955
Loop read count	:	1
Star read count	:	3133





Star **Mature**

```
5'- uaccucacgcaauaaucuacaacguucuccaaaguagagaacguaaucuaucgugauauaugucuaaagauauuaugcuccuuacuuuggauaauguuguacgaacauucag  -3'   obs
    uaccucacgcaauaaucuacaacguucuccaaaguagagaacguaaucuaucgugauauaugucuaaagauauuaugcuccuuacuuuggauaauguuguacgaacauucag        exp
    ..............((((((((((.((((((((((.((.(((((..((((..(((....)))....))))))))).)).)))))))))).))))))))).))........  reads   mm   sample
    ........................uccaaaguagagaacguaaucu.....................................................................  1       0    c02
    ........................ccaaaguagagaacguaaucuaucg..................................................................  1       0    c02
    ..................................................auauuaugcuccuuacuu..................................................  1       0    c02
    ..................................................Cuauuaugcuccuuacuuugg................................................  1       1    c02
    ..................................................auauuaugcuccuuacuuugg................................................  2       0    c02
    ..................................................auauuaugcuccuuacuuugga...............................................  4       0    c02
    ..................................................auauuauCcuccuuacuuugga...............................................  1       1    c02
    ..................................................Cuauuaugcuccuuacuuuggau..............................................  7       1    c02
    ..................................................auauuaugcuccuuacuuuggau..............................................  95      0    c02
    ..................................................auauuaugcuccuuacAuuggau..............................................  1       1    c02
    ..................................................auauuaugcuccuuacuuuggaA..............................................  1       1    c02
    ..................................................auauuaugcuccuuacuuuggauU.............................................  5       1    c02
    ..................................................uauuaugcuccuuacuuu...................................................  1       0    c02
    ..................................................uauuaugcuccuuacuuug...................................................  1       0    c02
    ..................................................uauuaugcuccuuacuuuggau...............................................  12      0    c02
    ..................................................uauuUugcuccuuacuuuggau...............................................  1       1    c02
    ..................................................uauuaugcuccuGacuuuggau...............................................  1       1    c02
    ..................................................Aauuaugcuccuuacuuuggau...............................................  1       1    c02
    ..................................................Gauuaugcuccuuacuuuggau...............................................  5       1    c02
    ..................................................Gauuaugcuccuuacuuuggaua..............................................  3       1    c02
    ..................................................uauuaugcuccuuacuuuggauU.............................................  13      1    c02
    ..................................................uauuaugcuccuuacuuuggaua..............................................  4       0    c02
    ..................................................uauuaugcuccuuacuuuggauaa.............................................  1       0    c02
    ..................................................Gauuaugcuccuuacuuuggauaa.............................................  2       1    c02
    ....................................................auuaugcuccuuacuuuggauaa.............................................  1       0    c02
    ......................................................Guaugcuccuuacuuugg.................................................  1       1    c02
    ....................................................uaugcuccuuacuuuggau.................................................  1       0    c02

    ........................uucuccaaaguagagaacgua.....................................................................  9       0    c15
    ........................uucuccaaaguagagaacguaa....................................................................  48      0    c15
    ........................uucuccaaaguGgagaacguaau...................................................................  1       1    c15
    ........................uucuccaaaguagagaacguaau...................................................................  65      0    c15
    ........................uucuccaaaguagagaacguaaA...................................................................  1       1    c15
```

Star Mature

uaccucacgcaauaaucuacaacguucuccaaaguagagaacguaaucuaucgugauauaugucuaaagauauuaugcuccuuacuuuggauaauguuguacgaacauucag

.....uucuccaaaguagagaacguaauU.....	1	1	c15
.....ucuccaaaguagagaacguaa.....	3	0	c15
.....ucuccaaaguagagaacguaau.....	11	0	c15
.....cuccaaaguagagaacguaau.....	1	0	c15
.....cuccaaaguagagaacguaaucu.....	1	0	c15
.....uccaaaguagagaacgua.....	3	0	c15
.....uccaaaguagagaacguaa.....	2	0	c15
.....uccaaaguagagaacguaau.....	6	0	c15
.....uccaaagCagagaacguaauc.....	1	1	c15
.....uccaaaguagagaacguaauc.....	28	0	c15
.....uccaaaguagagaacguaaGcu.....	1	1	c15
.....uccaaaguagagaacguaUucu.....	1	1	c15
.....uccaaGguagagaacguaaucu.....	1	1	c15
.....uccaaaguagagaacguaGucu.....	1	1	c15
.....uccaaaUuagagaacguaaucu.....	1	1	c15
.....uccaaaguagagaacgCaaucu.....	1	1	c15
.....uccaaaguagagaacguaaucA.....	11	1	c15
.....uccaaaguagagaacguaaucu.....	457	0	c15
.....uccaaaguagagaacguaaucC.....	2	1	c15
.....uUcaaaguagagaacguaaucu.....	1	1	c15
.....uccaaaguagagaacgAaaucu.....	1	1	c15
.....Accaaaguagagaacguaaucu.....	1	1	c15
.....uccaaaguagagaacguaaucuU.....	6	1	c15
.....uccaaaguagagaacguaaucua.....	46	0	c15
.....uccaaaguagagaacguaaucuaC.....	1	1	c15
.....uccaaaguagagaacguaaucuaA.....	1	1	c15
.....uccaaaguagagaacgAaaucuau.....	1	1	c15
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.....uccaaagAagagaacguaaucuauc.....	1	1	c15
.....uAcaaaguagagaacguaaucuauc.....	1	1	c15
.....uccaaaguagagaacguaaucuauA.....	1	1	c15
.....Cccaaaguagagaacguaaucuauc.....	1	1	c15
.....uccaGaguagagaacguaaucuaucg.....	1	1	c15
.....uccaaaguagagaacguaaucuaucA.....	3	1	c15
.....uccaaaguagagaacguaaucuaucg.....	11	0	c15
.....uccaaaguagagaacguaaucuaucU.....	1	1	c15
.....uccaaaguagagaacguaaucuaucgu.....	2	0	c15
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.....ccaaagCagagaacguaaucuauc.....	2	1	c15
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.....ccaaaUuagagaacguaaucuaucg.....	1	1	c15
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Star Mature

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.....ccaaaguagagaacguaauUuaucg.....	1	1	c15
.....ccaaaguagagaacguaaucuaAcg.....	1	1	c15
.....ccaaaguagagaacguaaucuaucU.....	6	1	c15
.....cAaaaguagagaacguaaucuaucg.....	1	1	c15
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.....ccaaaguagagaacguaaucuaucgu.....	24	0	c15
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.....ccaaaguagagaacguaaucuaucguga.....	1	0	c15
.....caaaguagagaacguaaucu.....	5	0	c15
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.....caaaguagagaacguaaucuaucA.....	1	1	c15
.....aaaguagagaacguaaucuau.....	1	0	c15
.....aaaguagagaacguaaucuauc.....	1	0	c15
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.....aaguagagaacguaaucuauc.....	2	0	c15
.....uaucgugauauaugucuaaaga.....	1	0	c15
.....cgugauauaugucuaaagau.....	1	0	c15
.....ugauauaugucuaaagauauuaugcucU.....	1	1	c15
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.....auauuaugcuccuuacuu.....	312	0	c15
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.....auauuaugcuccuuacuA.....	1	1	c15
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.....auauuaugcuccuuacAuu.....	1	1	c15
.....auauuaugcuccuuacuuu.....	69	0	c15
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.....auauuaugcuccuuacAuugg.....	1	1	c15
.....auaCuaugcuccuuacuuugg.....	1	1	c15
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Star Mature

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.....auauuaugcucGuuacuuugg.....	1	1	c15
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.....auauuaugcAccuuacuuugga.....	2	1	c15
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Star Mature

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.....auauuaugcAccuuacuuuggau.....	30	1	c15
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Star Mature

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Star Mature

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.....uauuaugcuccuuacuuuggC.....	2	1	c15
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.....uauuaugAuccuuacuuuggau.....	12	1	c15
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Star Mature

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.....uaAuaugcuccuuacuuuggau.....	13	1	c15
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.....uauCaugcuccuuacuuuggau.....	11	1	c15
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.....uauuaugcuccuuUcuuuggaua.....	9	1	c15
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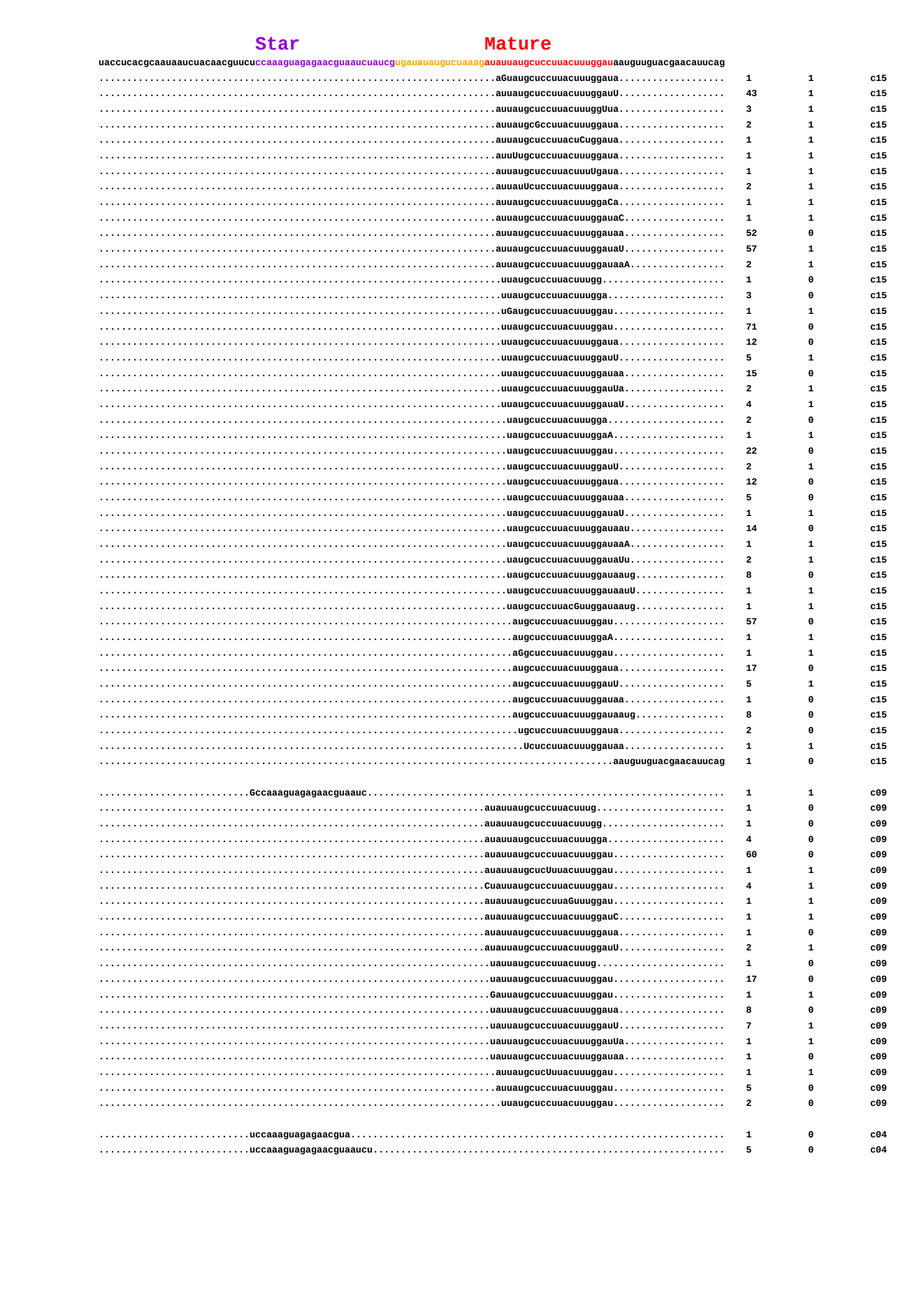
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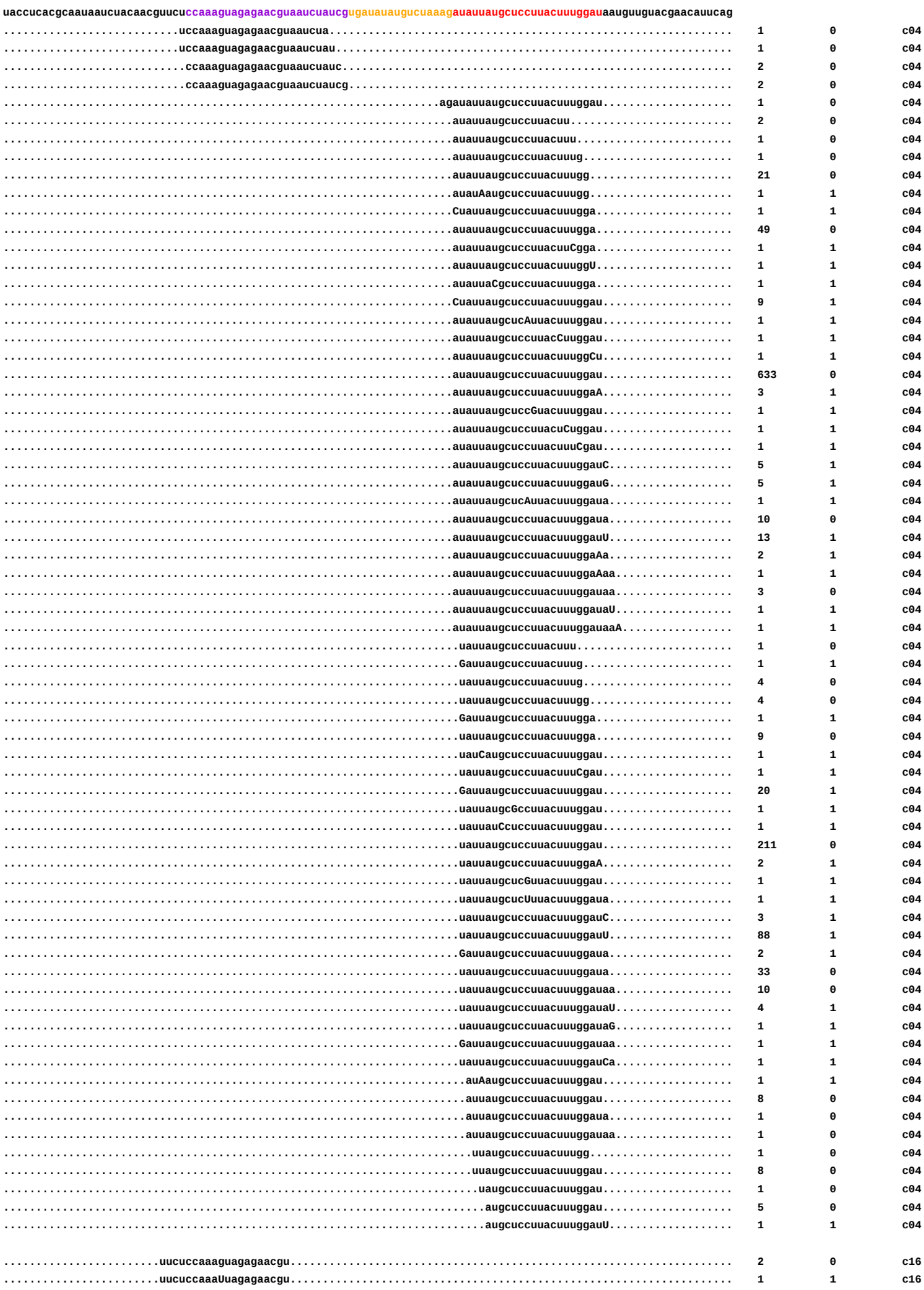
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.....auauuaugcGccuuacuuugga.....	1	1	c16
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.....Cuauuaugcuccuuacuuugga.....	84	1	c16
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.....auauuaugcucUuuacuuugga.....	2	1	c16
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.....auauuaCgcuccuuacuuugga.....	1	1	c16
.....auauuaugGuccuuacuuugga.....	1	1	c16
.....auauuauUcuccuuacuuugga.....	1	1	c16
.....aAauuaugcuccuuacuuugga.....	3	1	c16
.....auauuaugcucGuacuuugga.....	1	1	c16
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.....auauuaugcuccuuacuuuUgau.....	22	1	c16
.....Cuauuaugcuccuuacuuuggau.....	1307	1	c16
.....auauuaugGuccuuacuuuggau.....	12	1	c16
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.....auauAaugcuccuuacuuuggau.....	7	1	c16
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.....auaGuaugcuccuuacuuuggau.....	3	1	c16

Star Mature

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.....auauuaugcuccuuacuGuggau.....	19	1	c16
.....auauuaugcuccuuacuuuggCu.....	12	1	c16
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Star Mature

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.....auauuaugcuccuuacuuuggauC.....	71	1	c16
.....auauuaugcuccuuacuuuggaAa.....	18	1	c16
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.....auauuaugcuccuuacuuuggauaG.....	1	1	c16
.....auauuaugcuccuuacuuuggauaa.....	11	0	c16
.....auauuaugcuccuuacuuuggauaC.....	1	1	c16
.....auauuaugcuccuuacuuuggauGa.....	1	1	c16
.....auauuaugcuccuuacuuuggauUa.....	6	1	c16
.....auauuaugcuccuuacuuuggauaU.....	27	1	c16
.....auauuaugcuccuuacuuuggauCa.....	1	1	c16
.....auauuaugcuccuuacuuuggauGau.....	1	1	c16
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.....uauuaugcuccuuacAuuggau.....	3	1	c16
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.....uauuaugcuccuuacuuugAau.....	3	1	c16
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Star Mature

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.....Cauuaugcuccuuacuuuggaua.....	1	1	c16
.....uauuaugcuccuuacuGuggaua.....	1	1	c16
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Star Mature

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.....auuaugcuUcuuacuuuggau.....	2	1	c16
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.....uuaugcuccuuacuuuggauaU.....	1	1	c16
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Star Mature

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