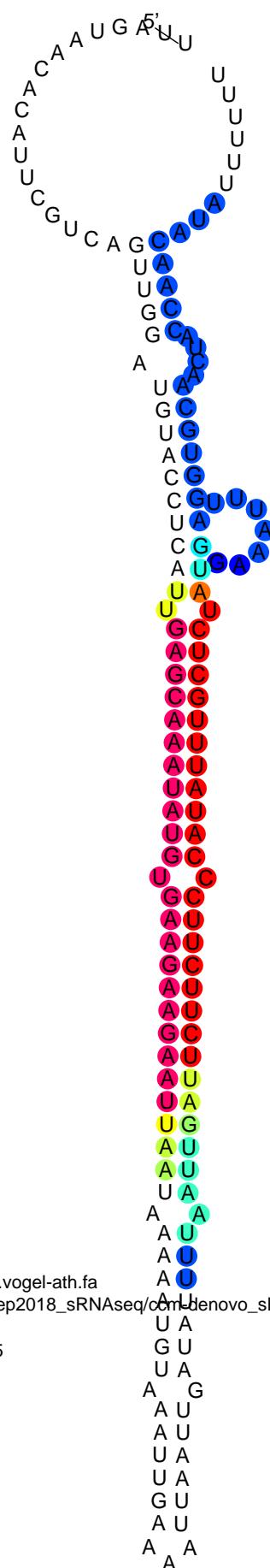


Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

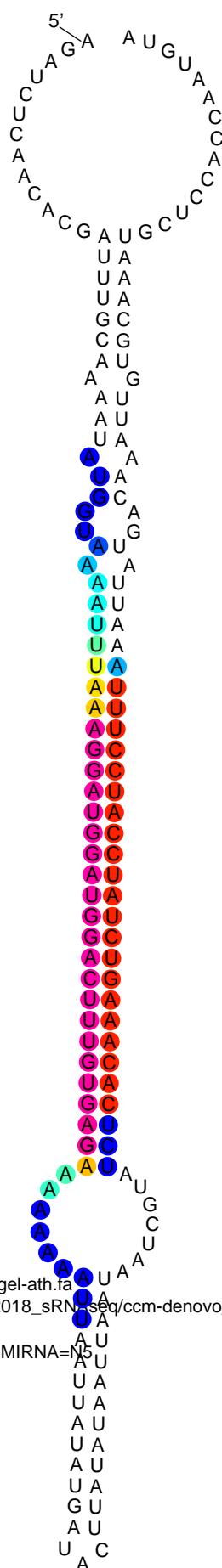
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/com_denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold6:2531870-2532025 plus

Name: SFs=SupFam_120, SSCI=Cluster_10152, MIRNA=N5

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



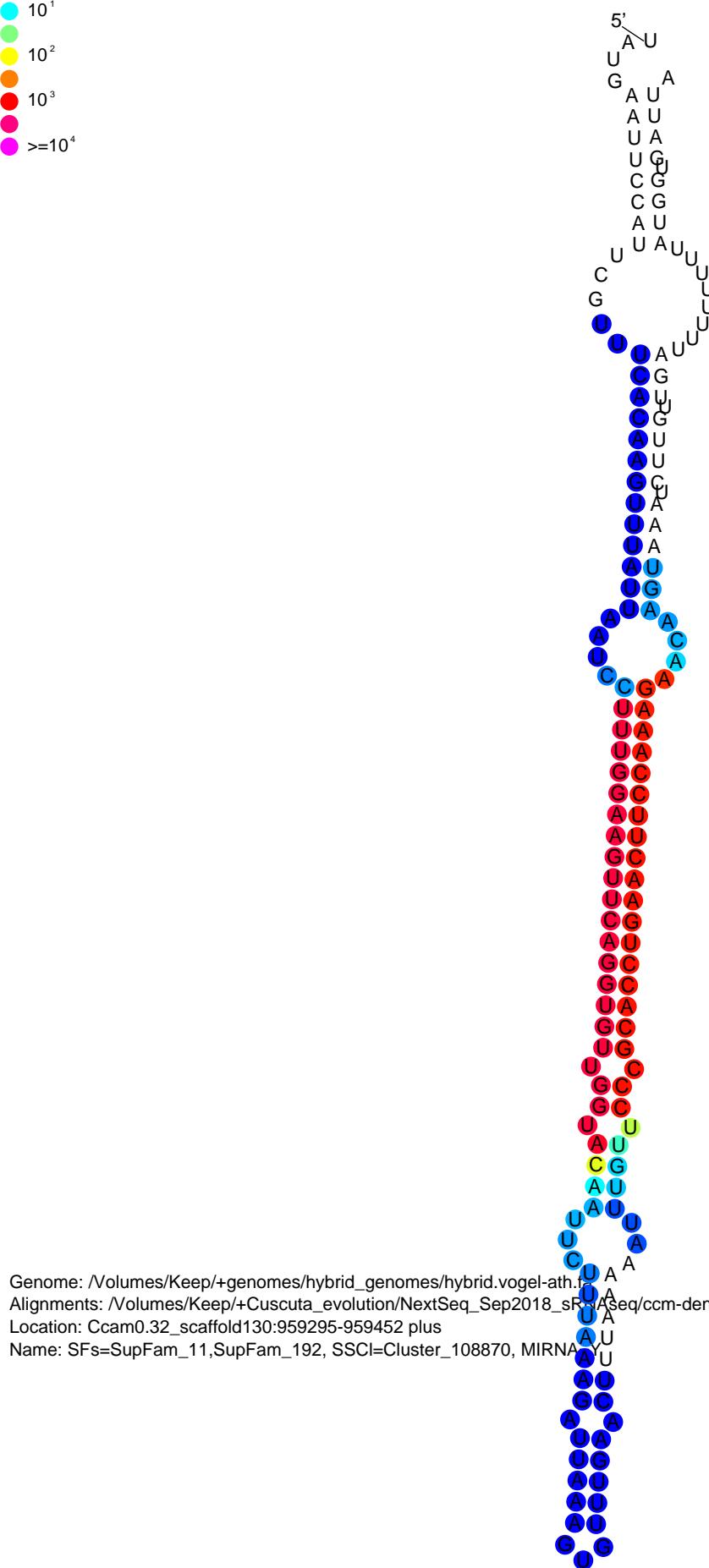
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA-seq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold130:710943-711105 plus

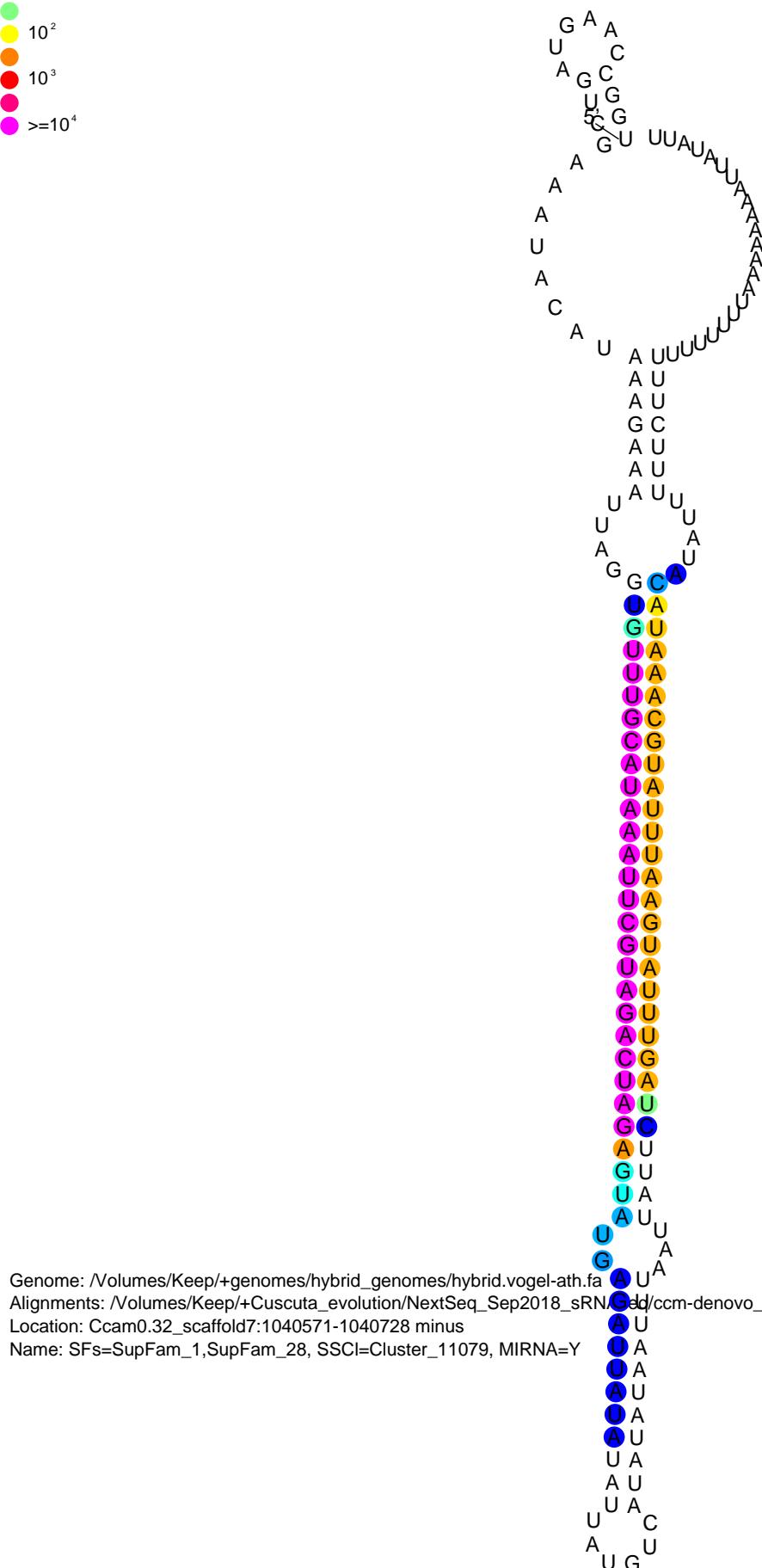
Name: SFs=SupFam_270,SupFam_64, SSCL=Cluster_108739, MIRNA=N5

Depth of Coverage



Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



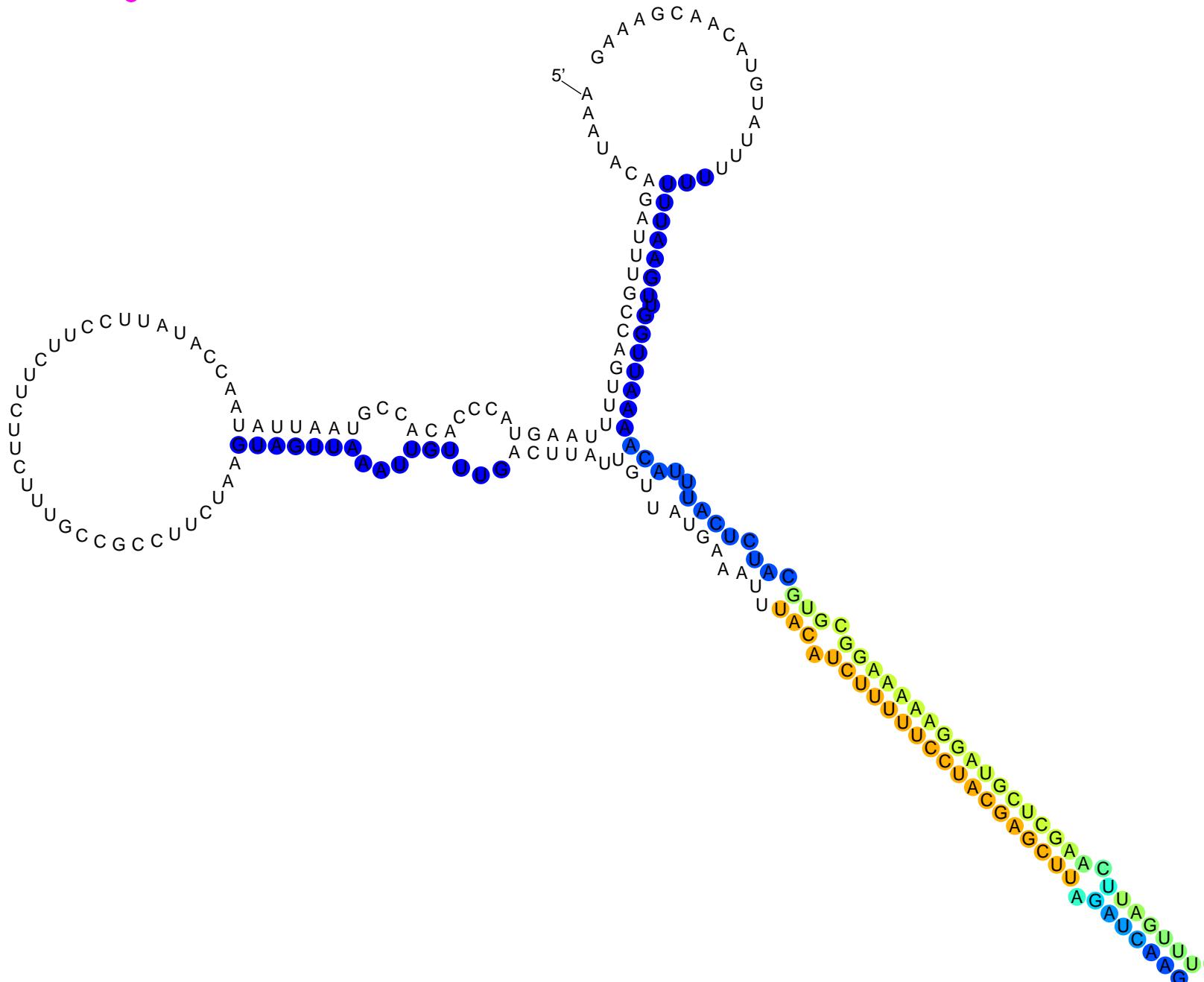
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold7:1040571-1040728 minus

Name: SFs=SupFam_1,SupFam_28, SSCI=Cluster_11079, MIRNA=Y

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

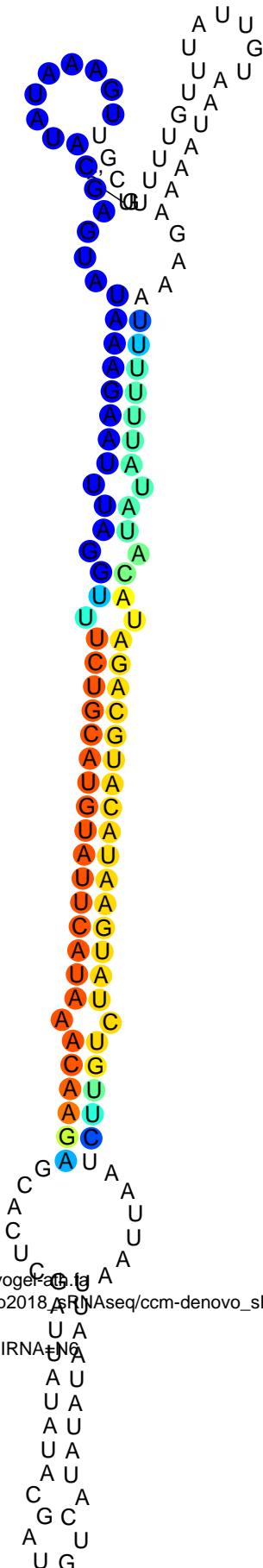
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_alignments

Location: Ccam0.32_scaffold7:1043792-1044034 minus

Name: SFs=SupFam_305, SSCI=Cluster_11081, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogelg.1.g

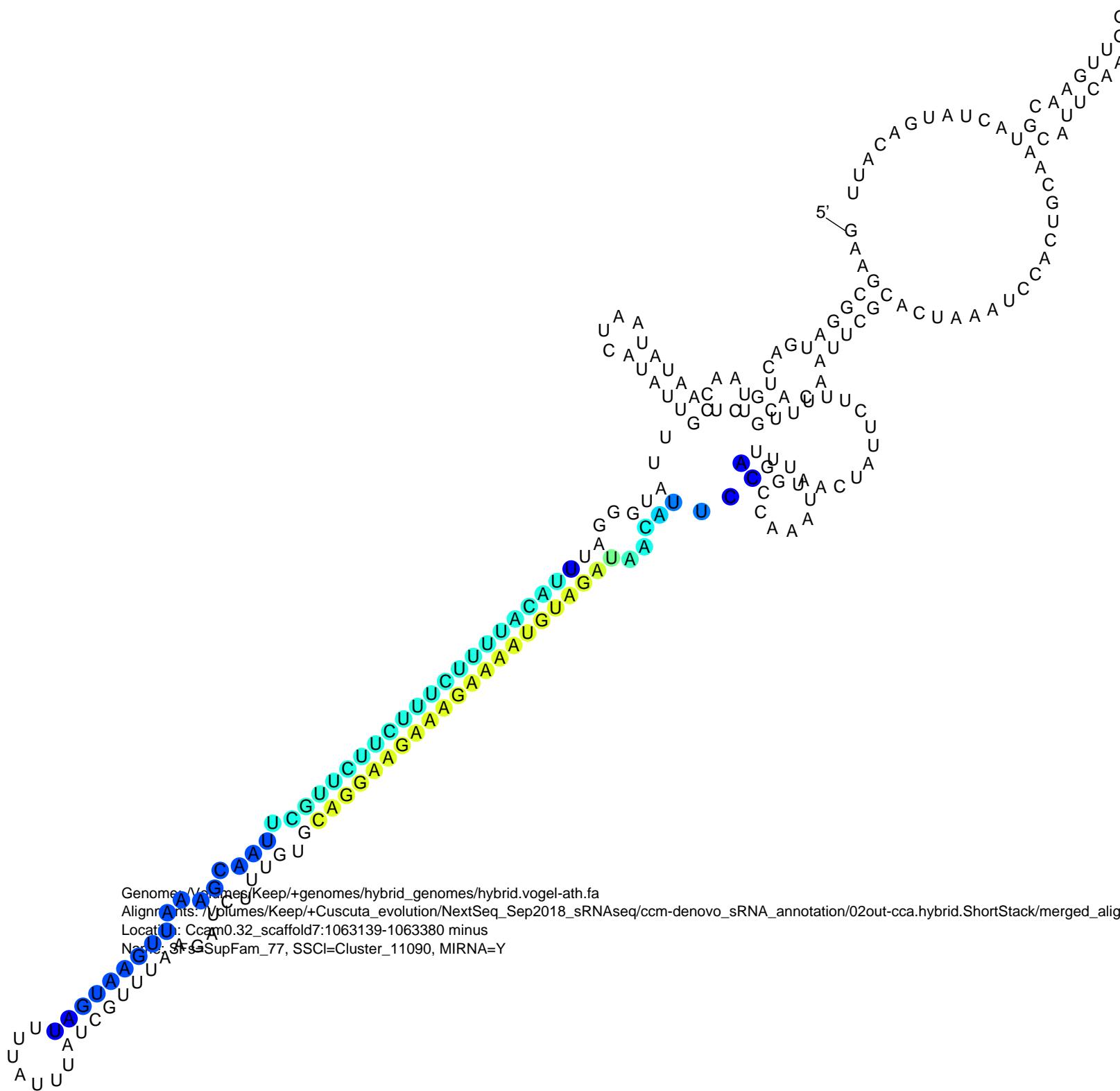
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018/ARNaseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold7:1050580-1050736 plus

Name: SFs=SupFam_28,SupFam_1, SSCI=Cluster_11083, MIRNA=NC

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Depth of Coverage

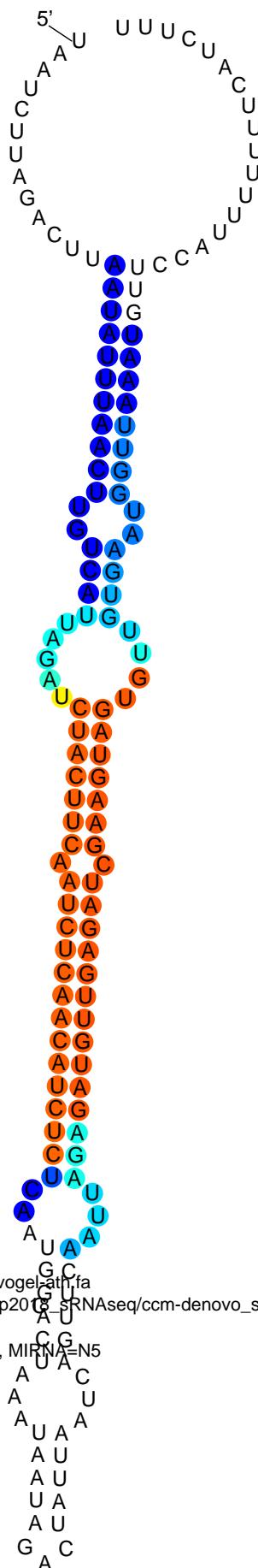
- 10^0
- 10^1
- 10^2
- 10^3
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa
 Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs_A/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
 Location: Ccam0.32_scaffold136:450372-450528 minus
 Name: SFs=SupFam_5,SupFam_40, SSCI=Cluster_111275, MIRNA=N5

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



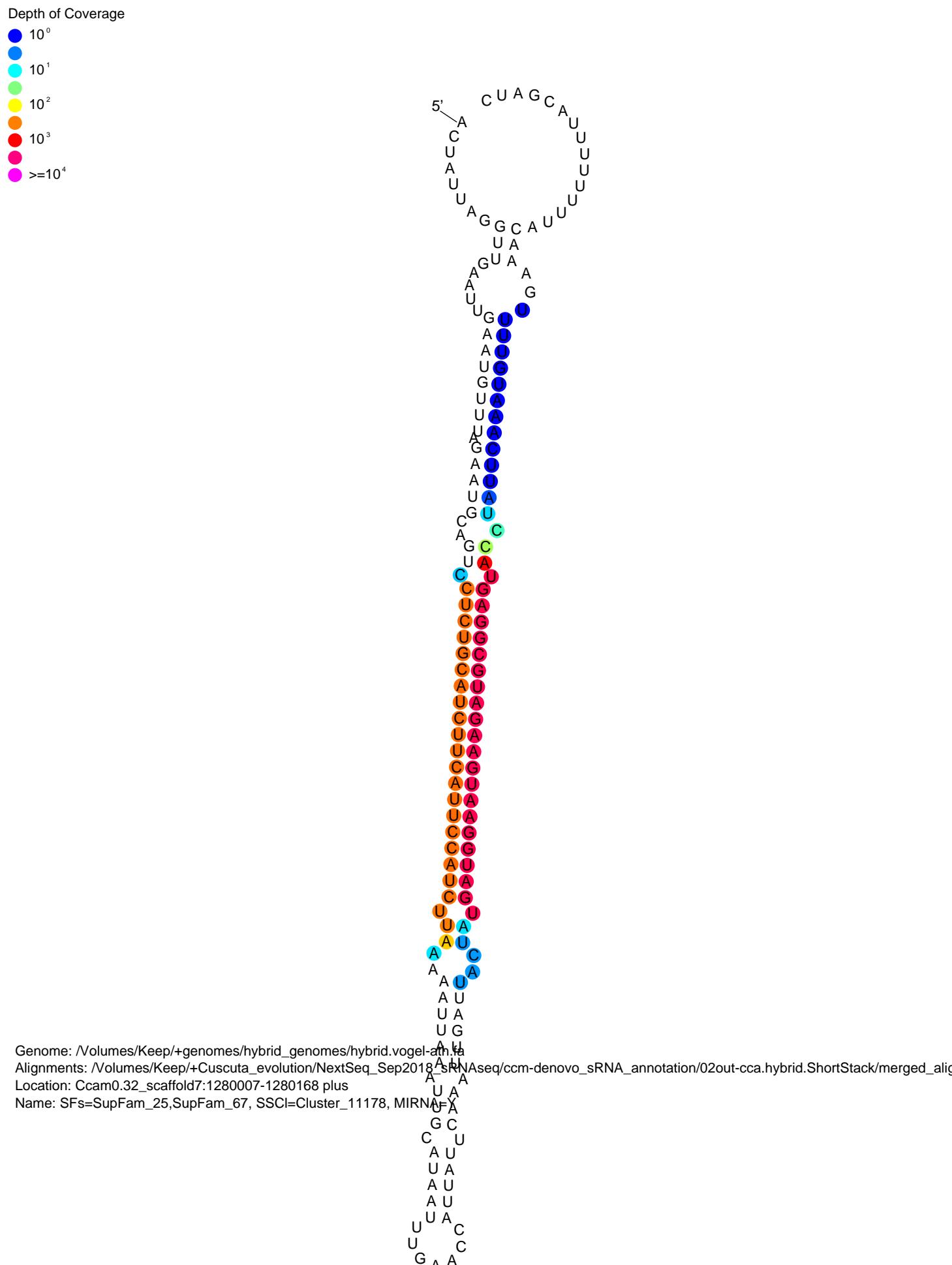
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogelmann.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2013_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold7:1272936-1273090 plus

Name: SFs=SupFam_287,SupFam_19, SSCL=Cluster_11176, MIRNA=N5

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U A
A U
U A
A U
G C
A



Depth of Coverage

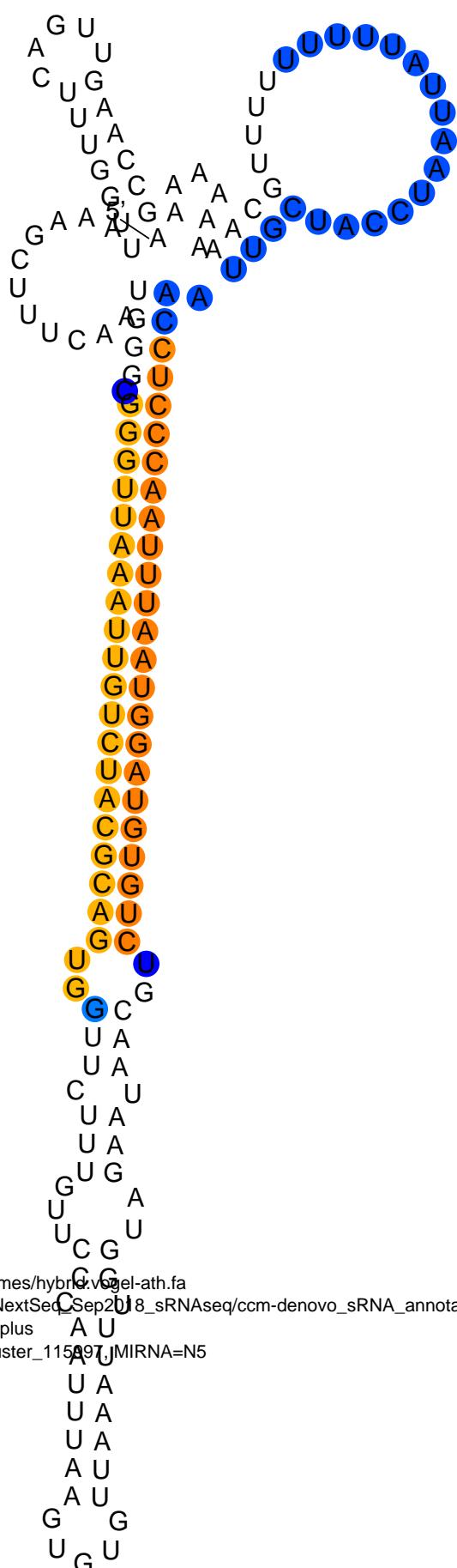
- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA_align/ccb-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
Location: Ccam0.32_scaffold142:389110-389267 plus
Name: SFs=SupFam_310,SupFam_125, SSCL=Cluster_113717, MIRNAU

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



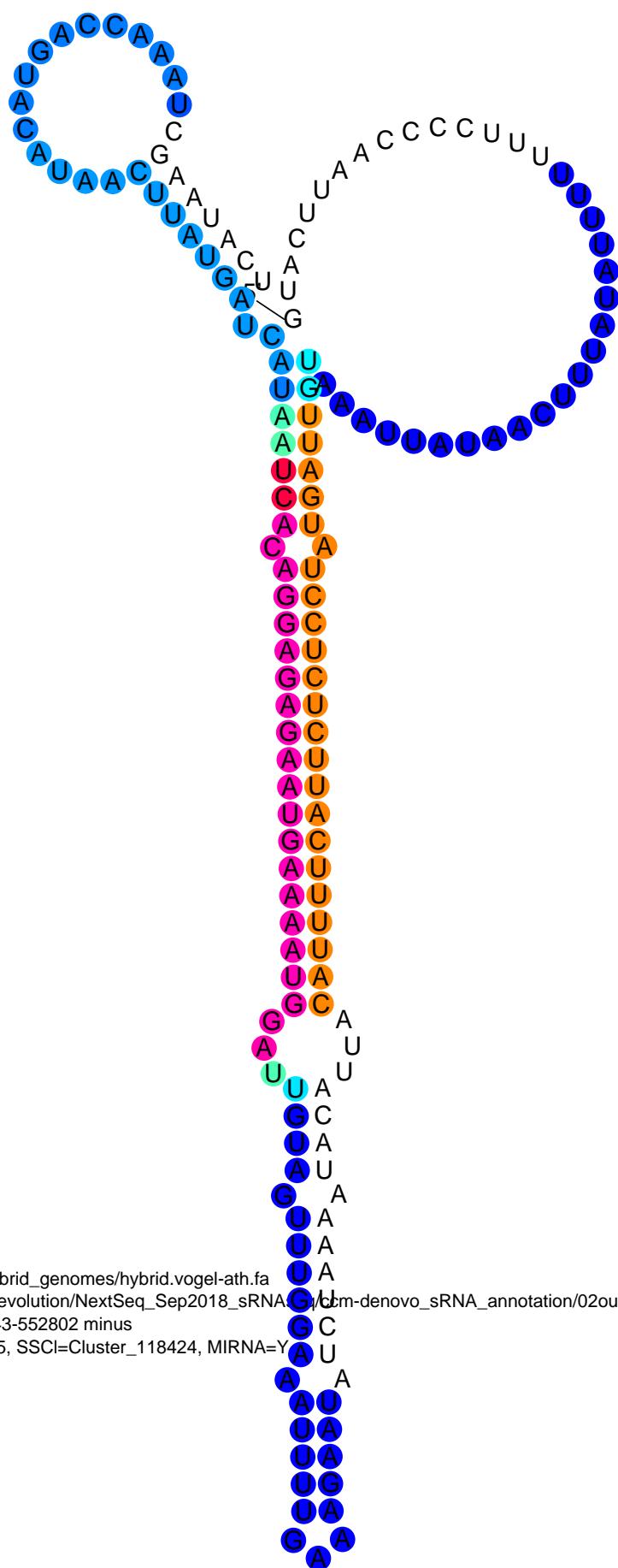
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq2018_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold148:459123-459283 plus

Name: SFs=SupFam_49,SupFam_130, SSCL=Cluster_115097, MIRNA=N5

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

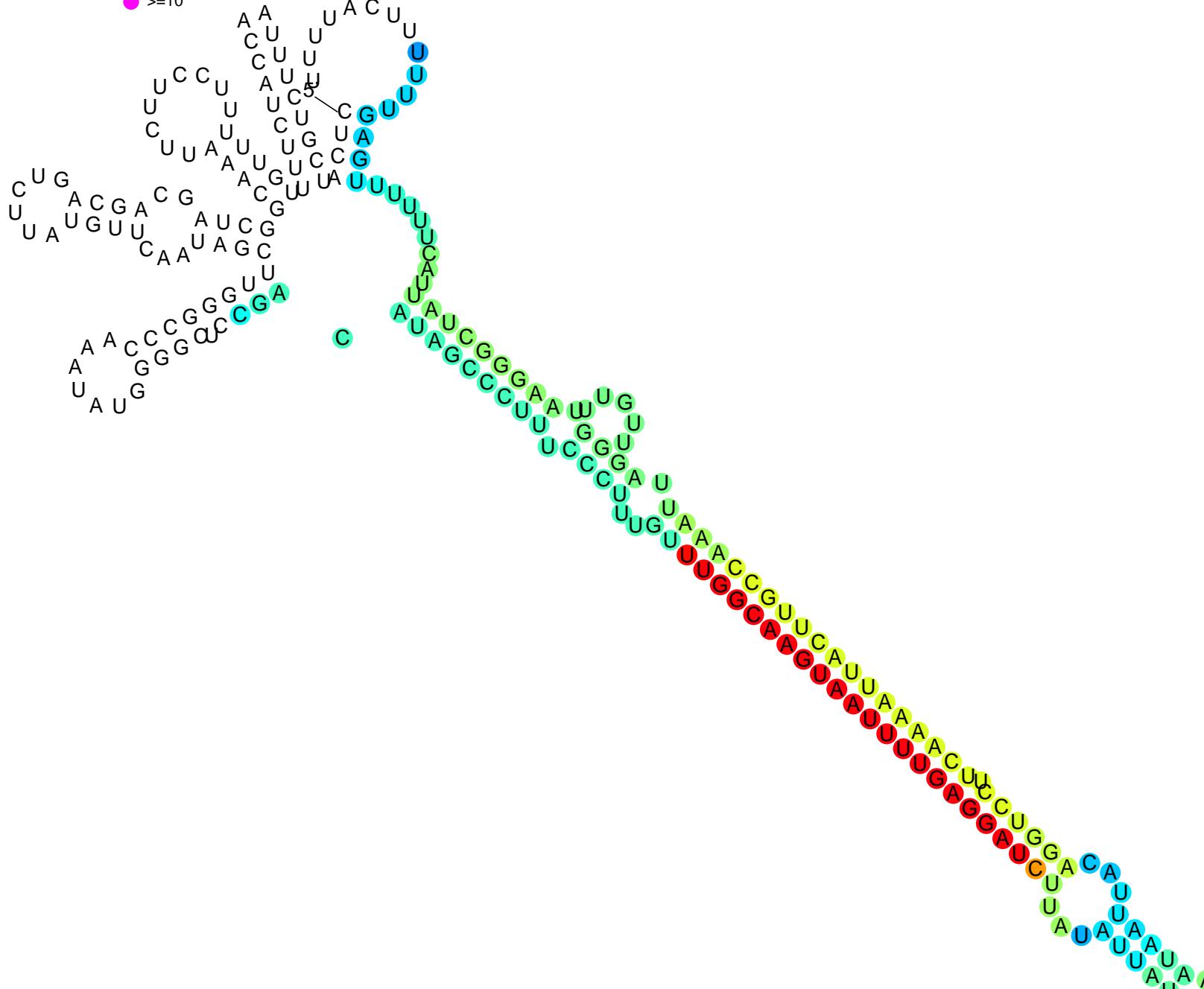
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA_G/cm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold155:552643-552802 minus

Name: SFs=SupFam_197,SupFam_765, SSCL=Cluster_118424, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



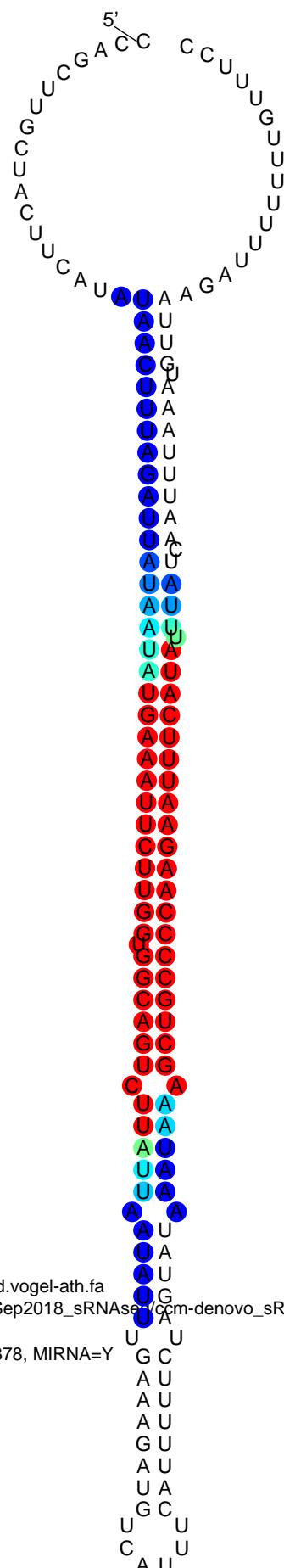
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_a

Location: Ccam0.32_scaffold157:653384-653625 minus

Name: SFs=SupFam_759, SSCI=Cluster_119071, MIRNA=N5

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

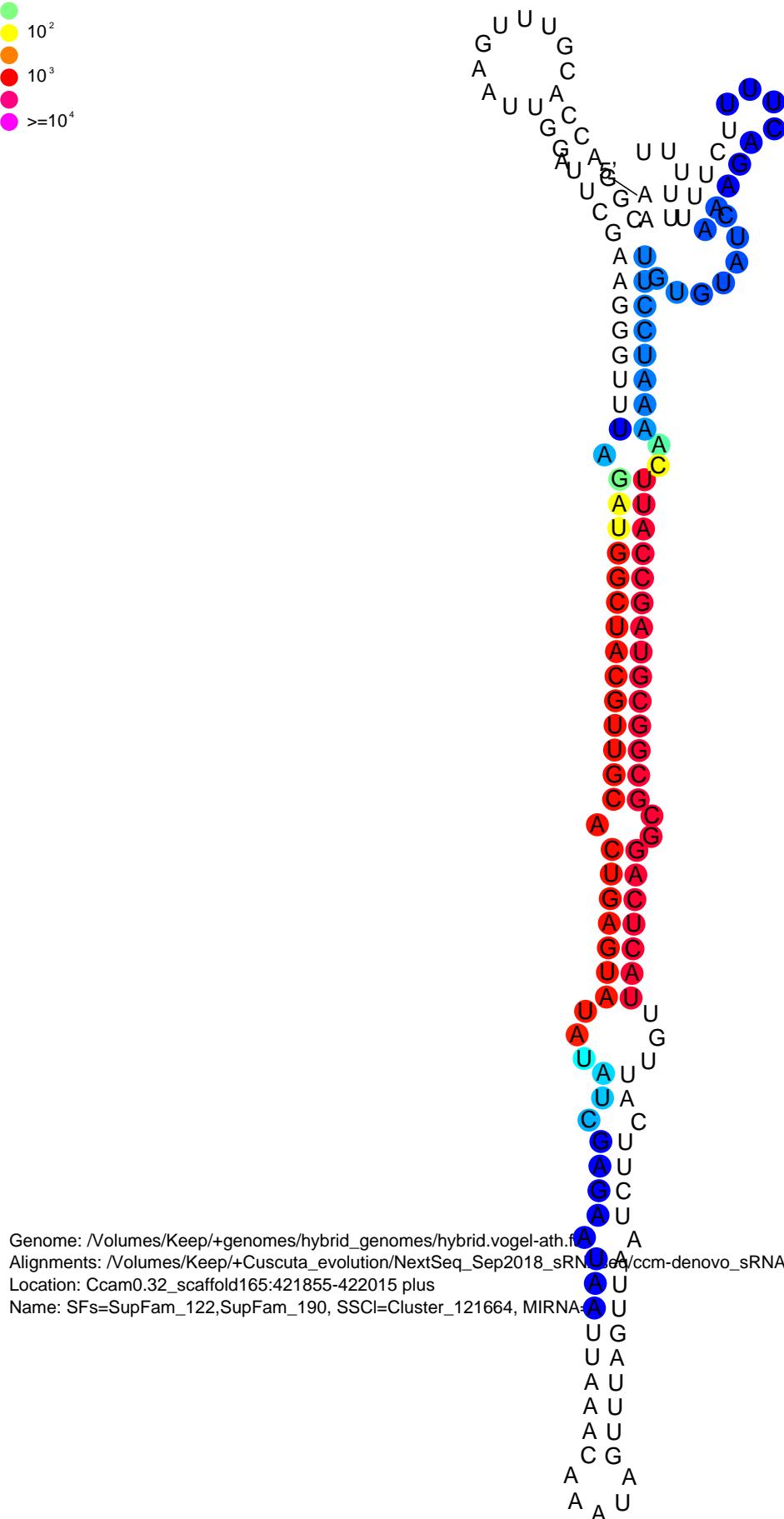
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/ccb-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold161a:621305-621462 minus

Name: SFs=SupFam_26,SupFam_123, SSCL=Cluster_120378, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fA

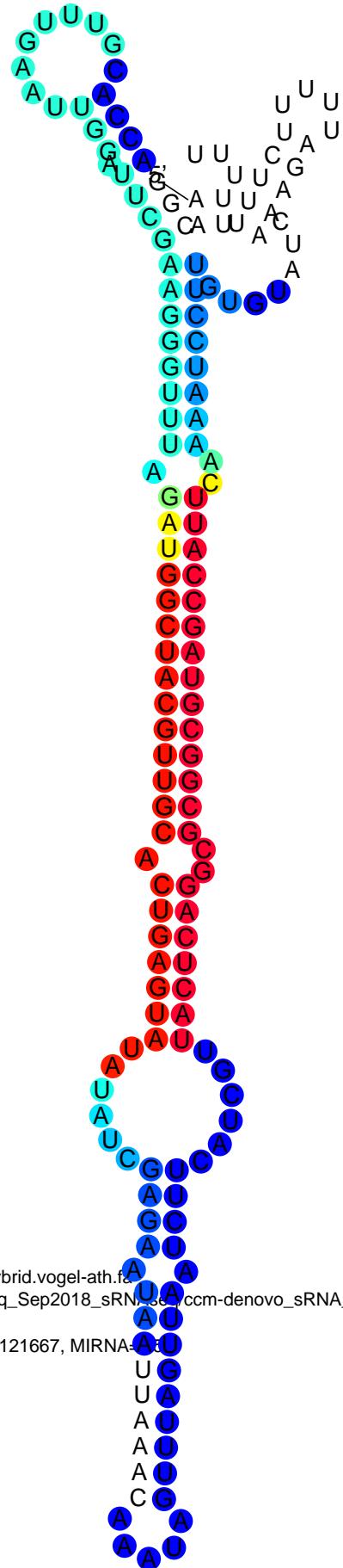
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA/cca-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold165:421855-422015 plus

Name: SFs=SupFam_122,SupFam_190, SSCL=Cluster_121664, MIRNA=A

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.f2

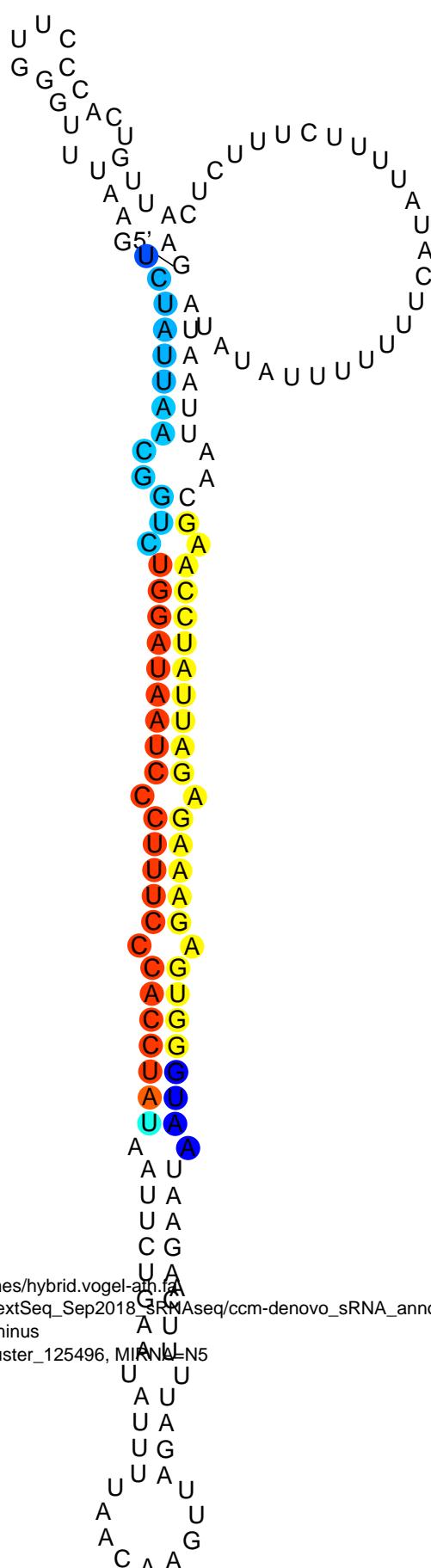
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold165:425824-425984 plus

Name: SFs=SupFam_122,SupFam_190, SSCL=Cluster_121667, MIRNA=

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-atn.fai

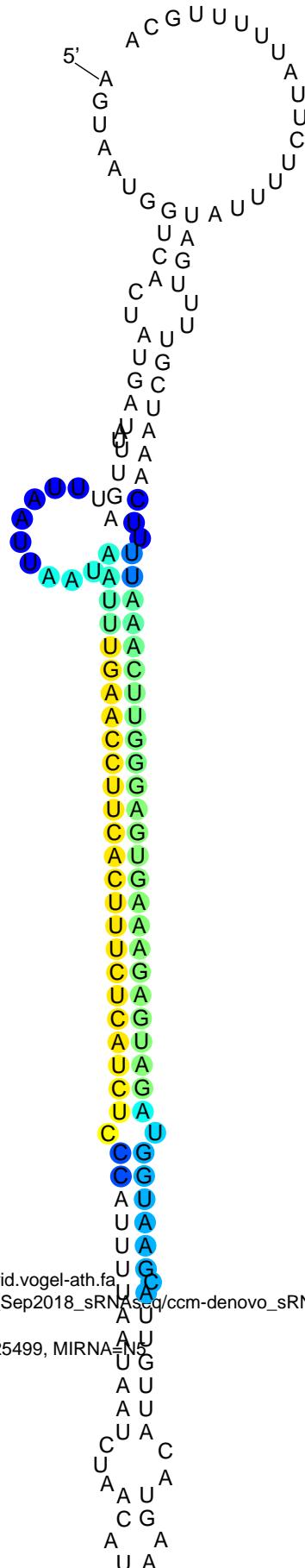
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_SRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold177:923820-923976 minus

Name: SFs=SupFam_178,SupFam_786, SSCL=Cluster_125496, MIRNA=N5

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA_seq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold177:932698-932856 minus

Name: SFs=SupFam_312,SupFam_334, SSCL=Cluster_125499, MIRNA=

Depth of Coverage

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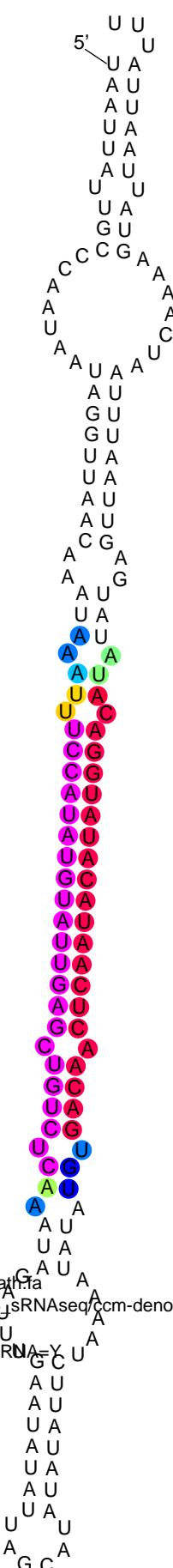
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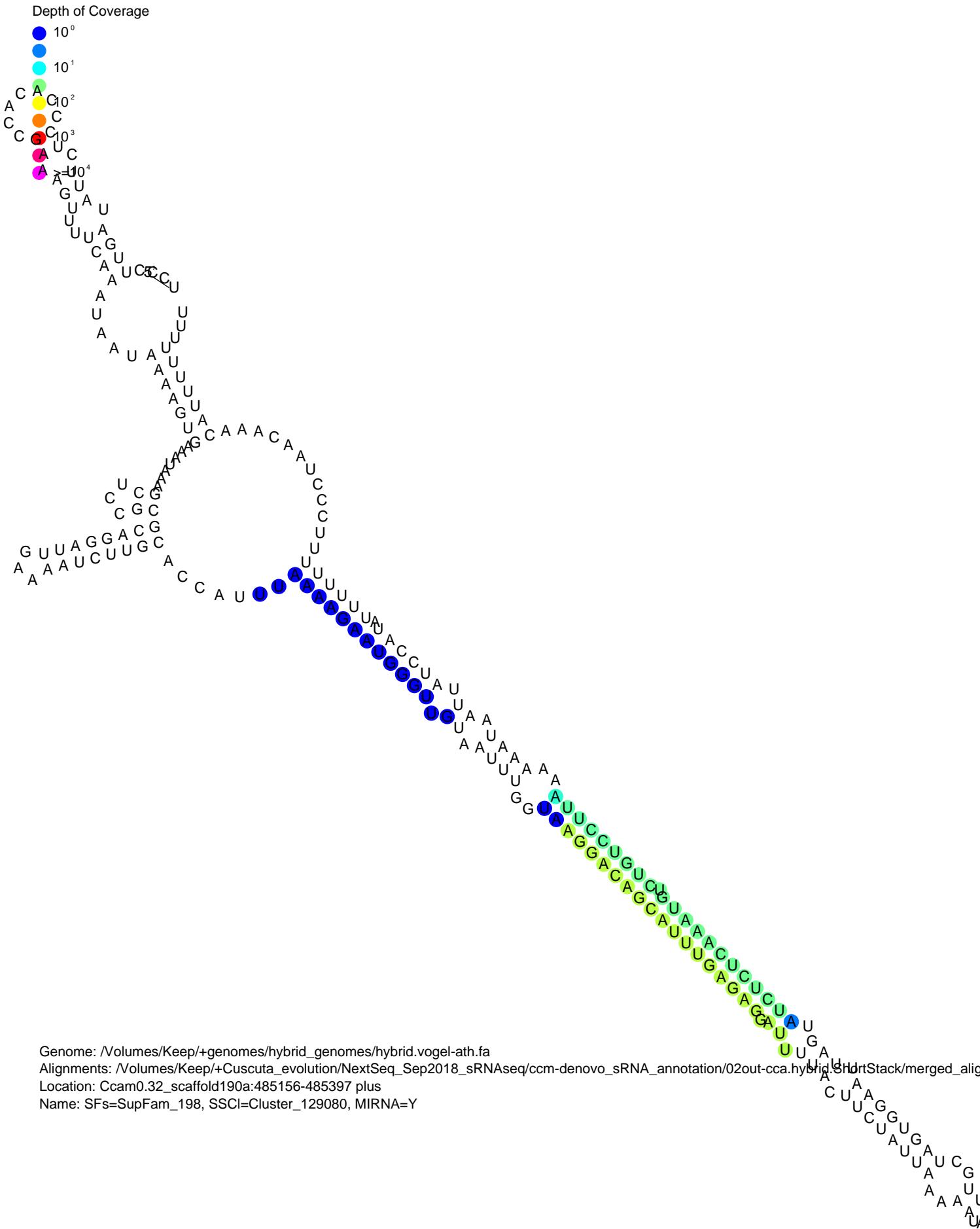
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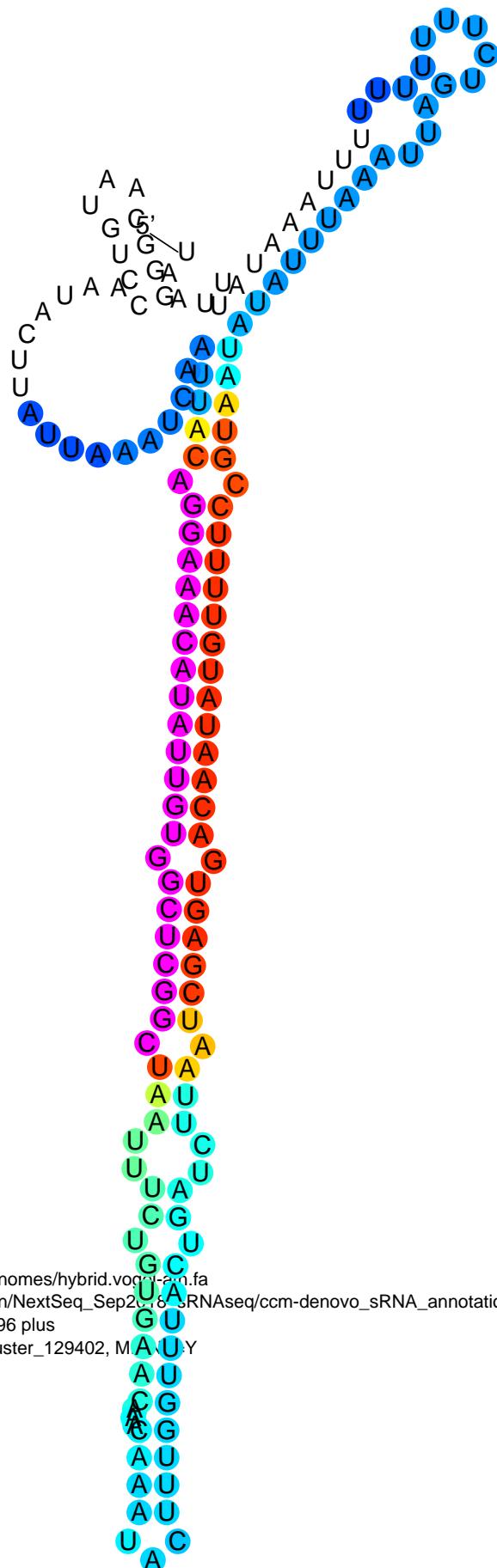
Depth of Coverage





Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogelzang.fa

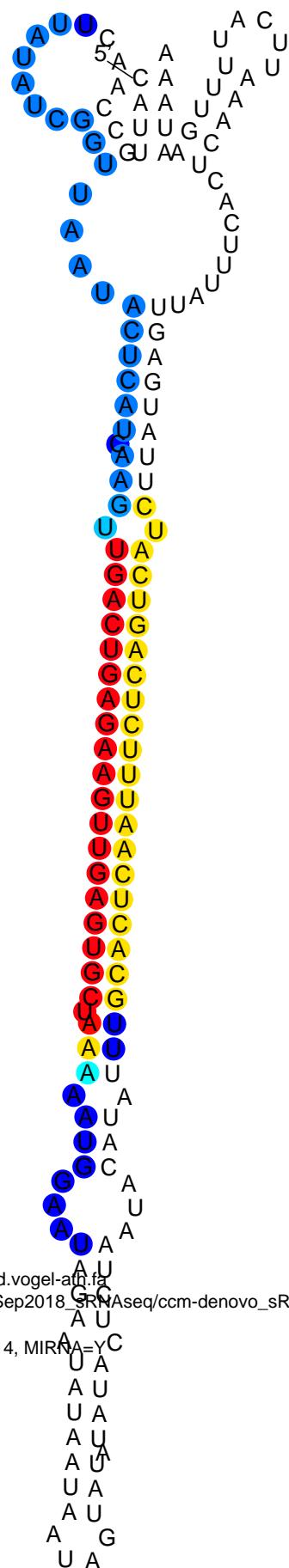
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018/sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold191:250338-250496 plus

Name: SFs=SupFam_15,SupFam_9, SSCI=Cluster_129402, M=AU, Y=AU

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-atn.fa

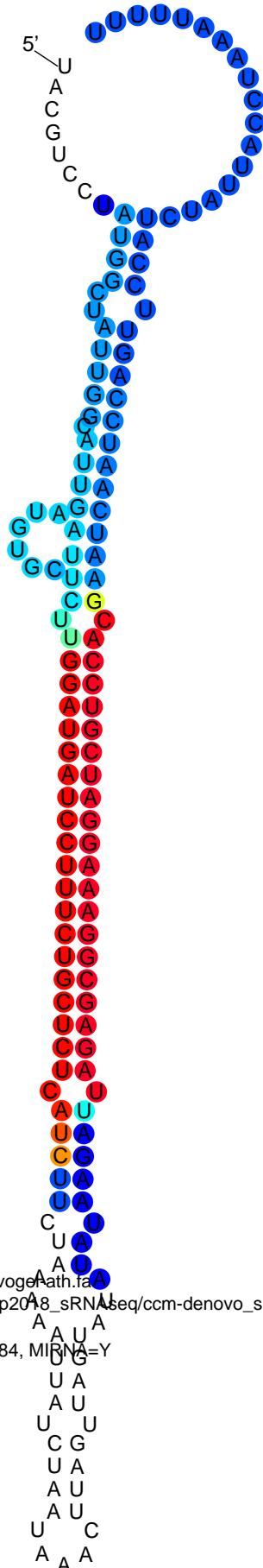
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_SRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold191:522948-523108 plus

Name: SFs=SupFam_24,SupFam_48, SSCI=Cluster_129514, MIRNA=YC

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



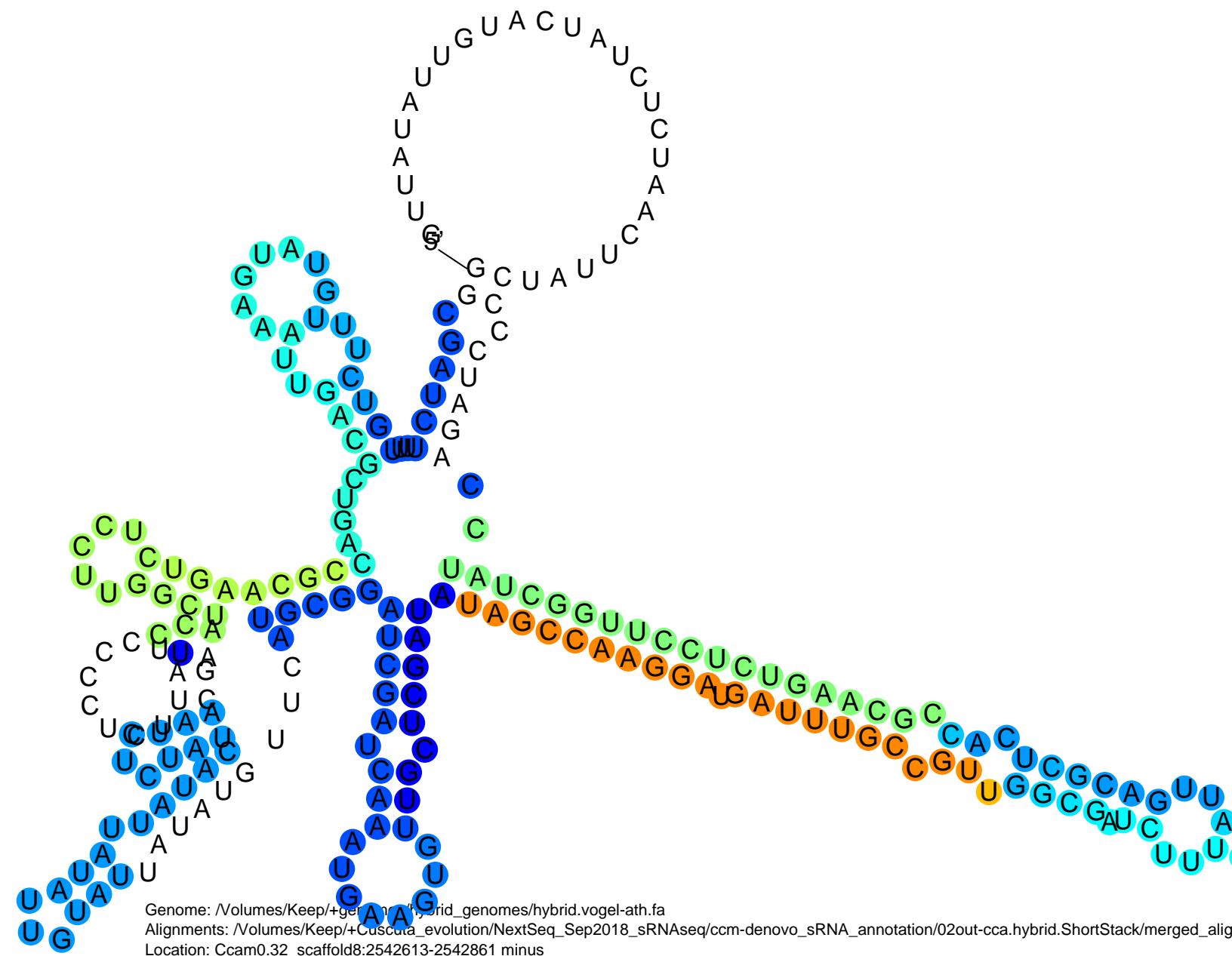
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogelath.fasta

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold196a:558326-558483 minus

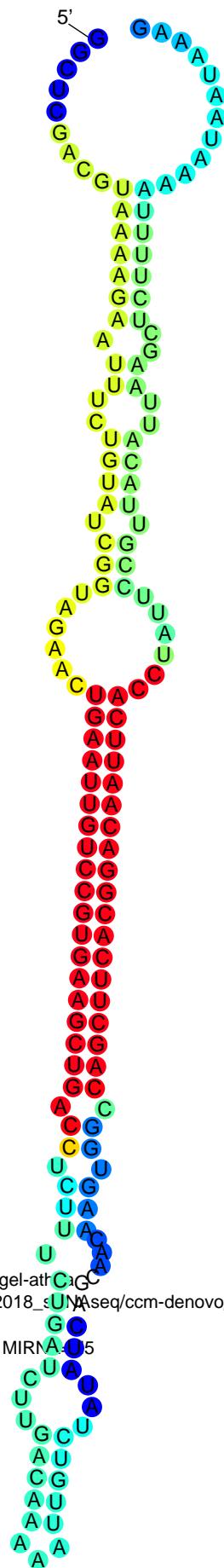
Name: SFs=SupFam_195,SupFam_275, SSCL=Cluster_130684, MIRNA=Y

Depth of Coverage



Depth of Coverage

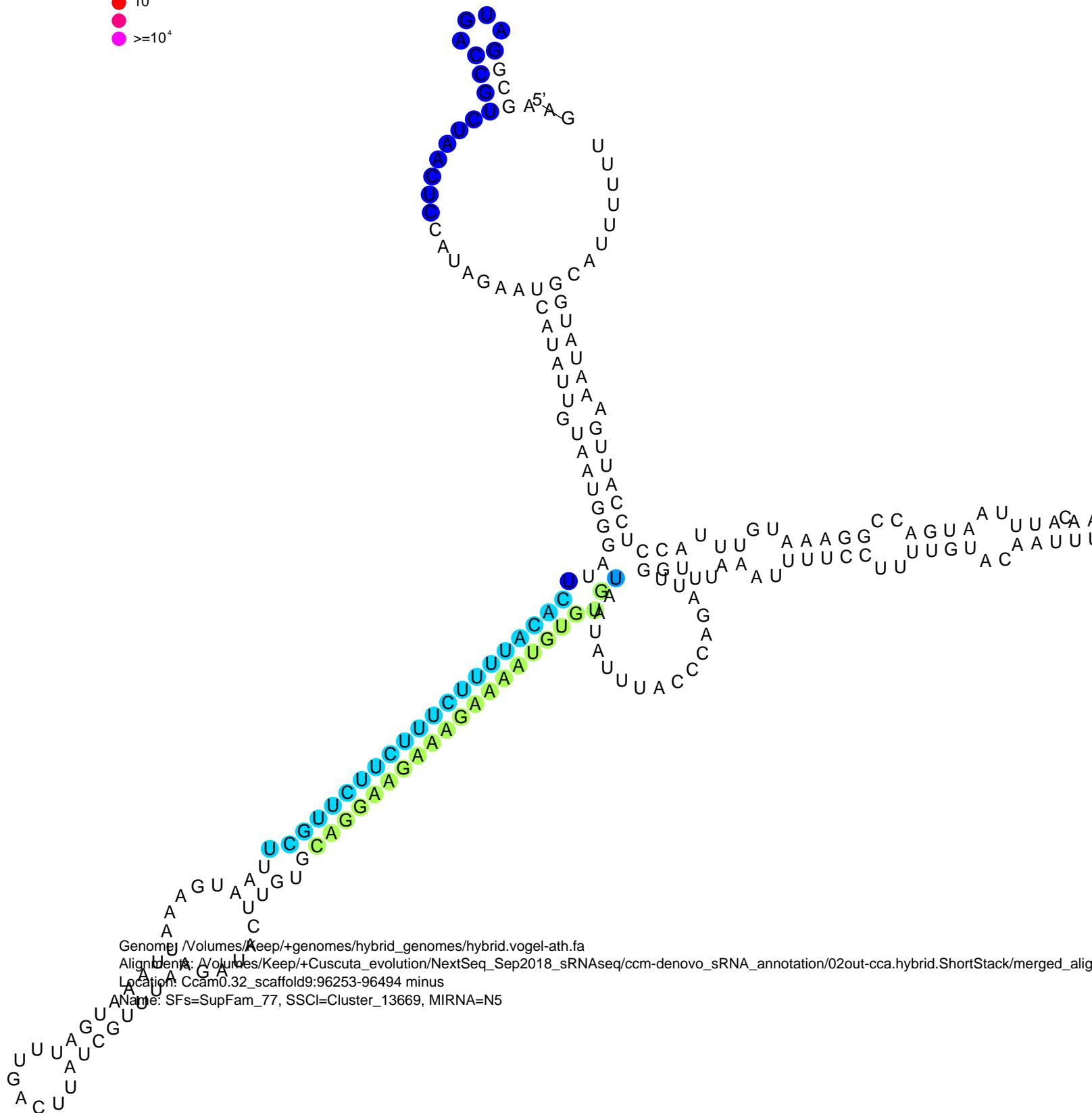
- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



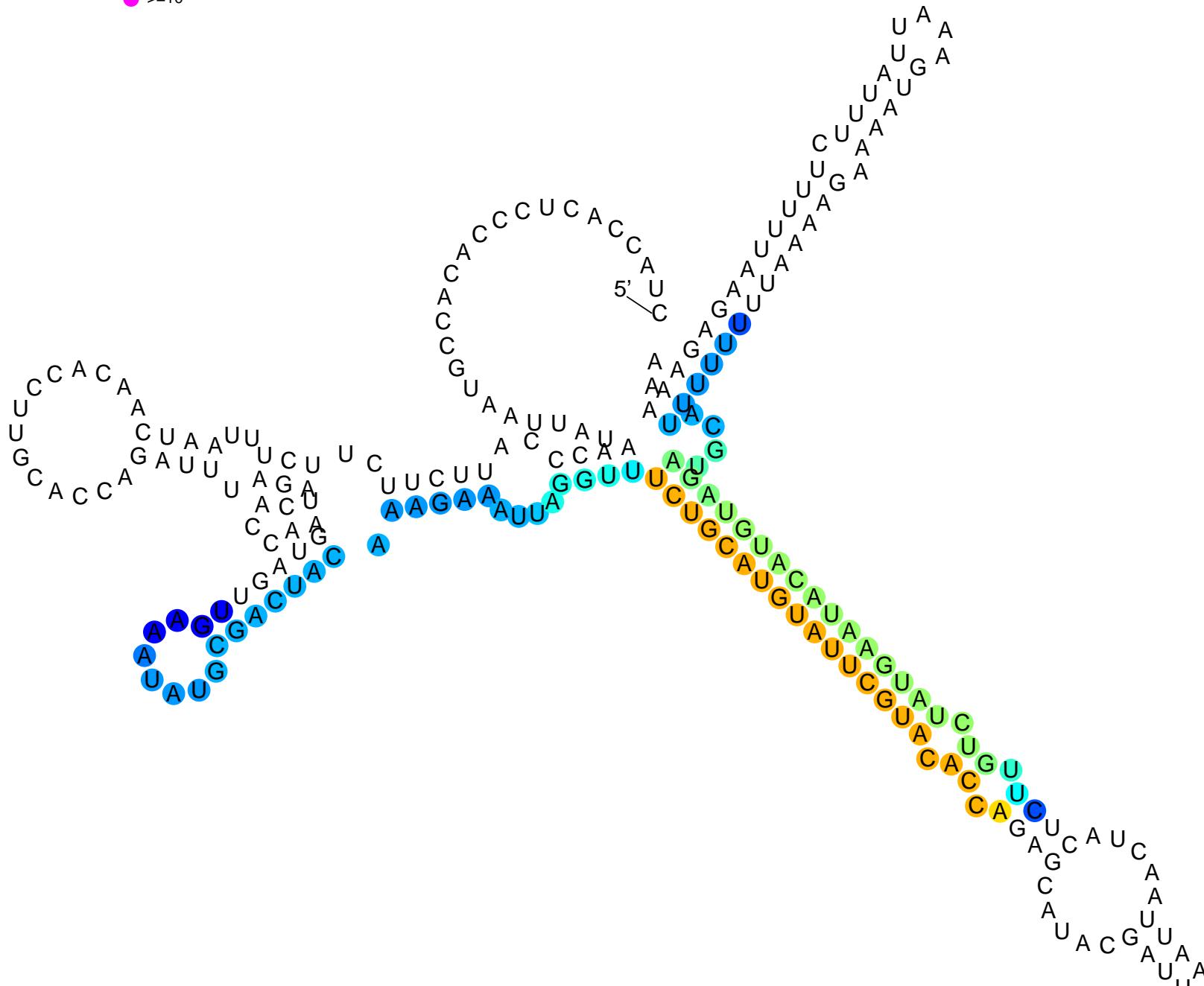
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-atl
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sUNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
Location: Ccam0.32_scaffold203:239440-239598 plus
Name: SFs=SupFam_65,SupFam_271, SSCL=Cluster_132530, MIRNA=M5

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

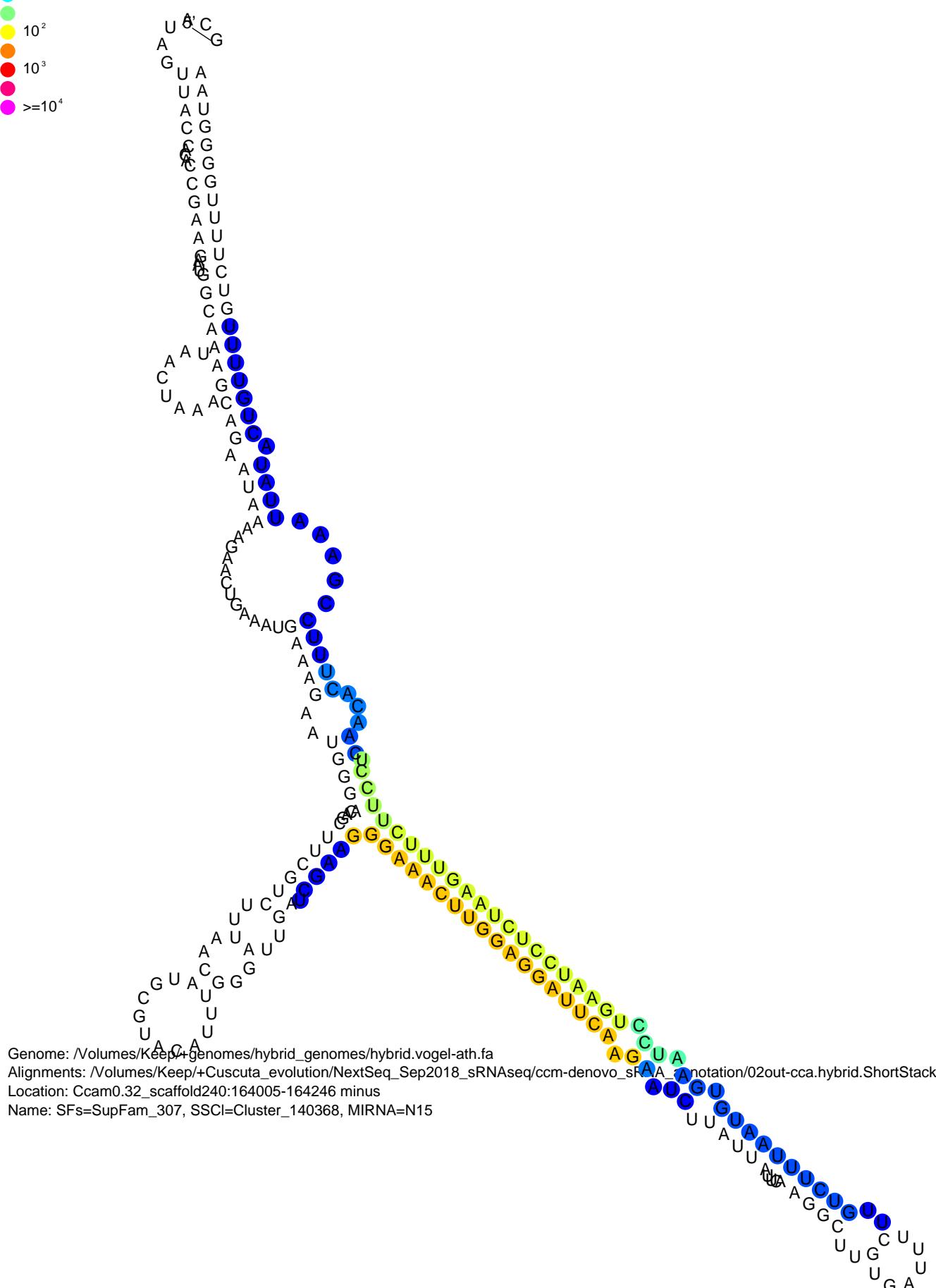
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold9:103105-103346 plus

Name: SFs=SupFam_1, SSCL=Cluster_13673, MIRNA=Y

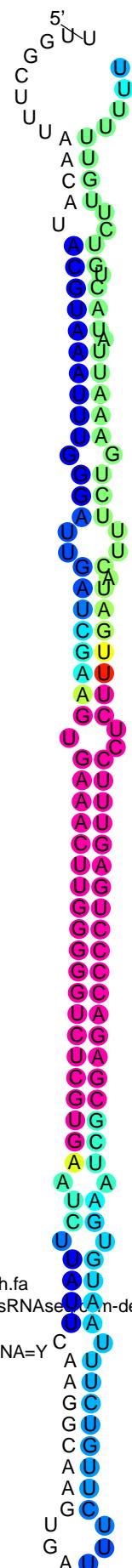
Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$





Depth of Coverage

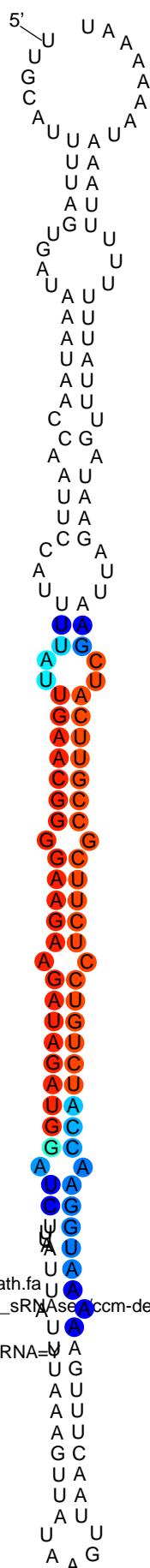


Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/unaligned-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

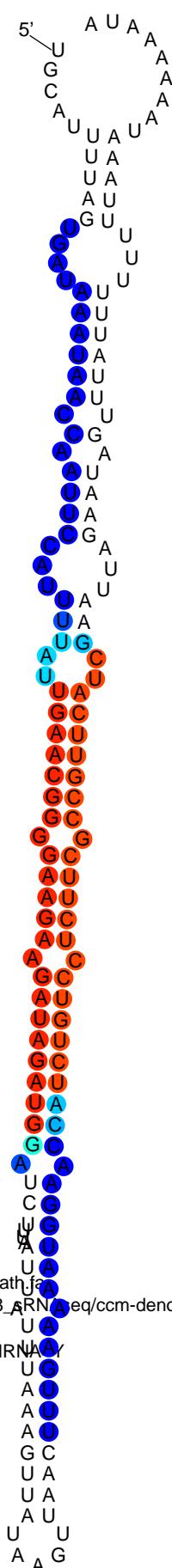
Location: Ccam0.32_scaffold240:165760-165916 minus

Name: SFs=SupFam_121,SupFam_119, SSCL=Cluster_140370, MIRNA=Y



Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$

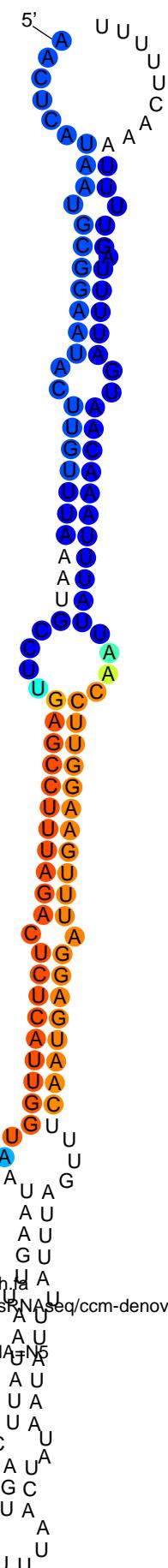


Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fsa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_ALIGN/seq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold259:168180-168342 plus

Name: SFs=SupFam_269,SupFam_272, SSCL=Cluster_143528, MIRNA=M



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath1a
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_SPNASeq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
Location: Ccam0.32_scaffold9:2460034-2460191 plus
Name: SFs=SupFam_769,SupFam_131, SSCL=Cluster_14636, MIRNA=mirN5

Depth of Coverage

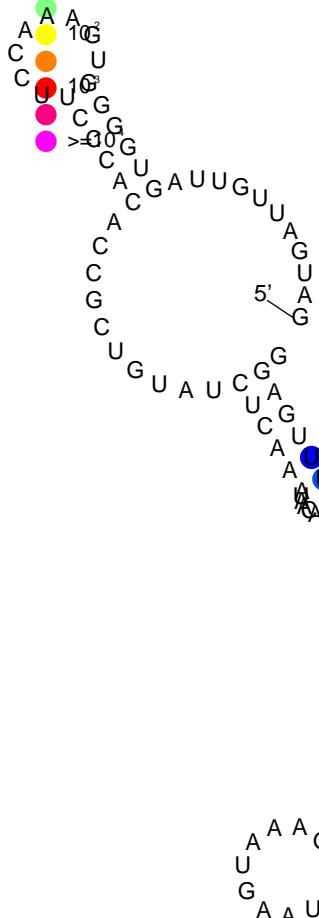
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10^3

$>10^3$



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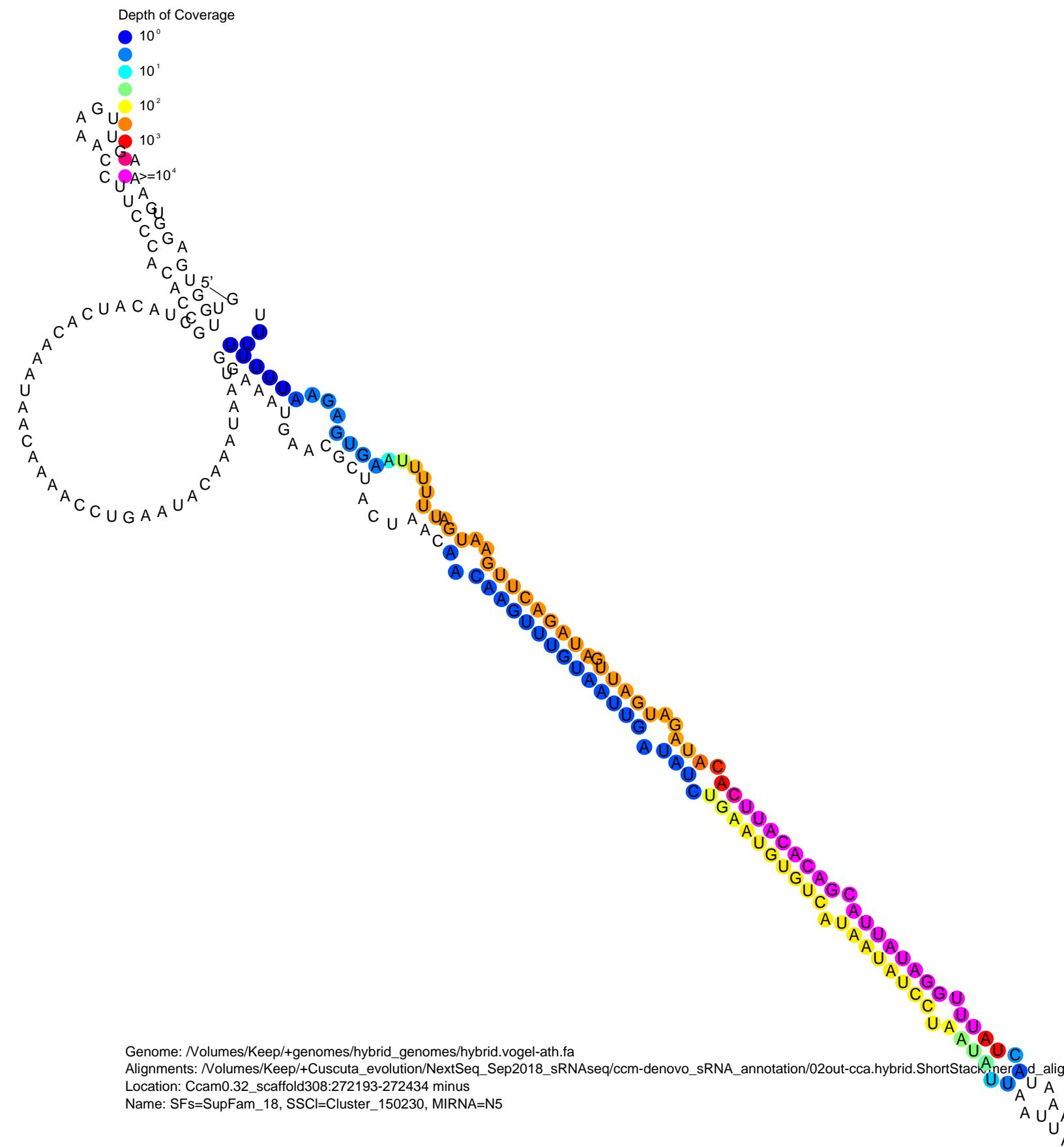
G A A U

Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hyb

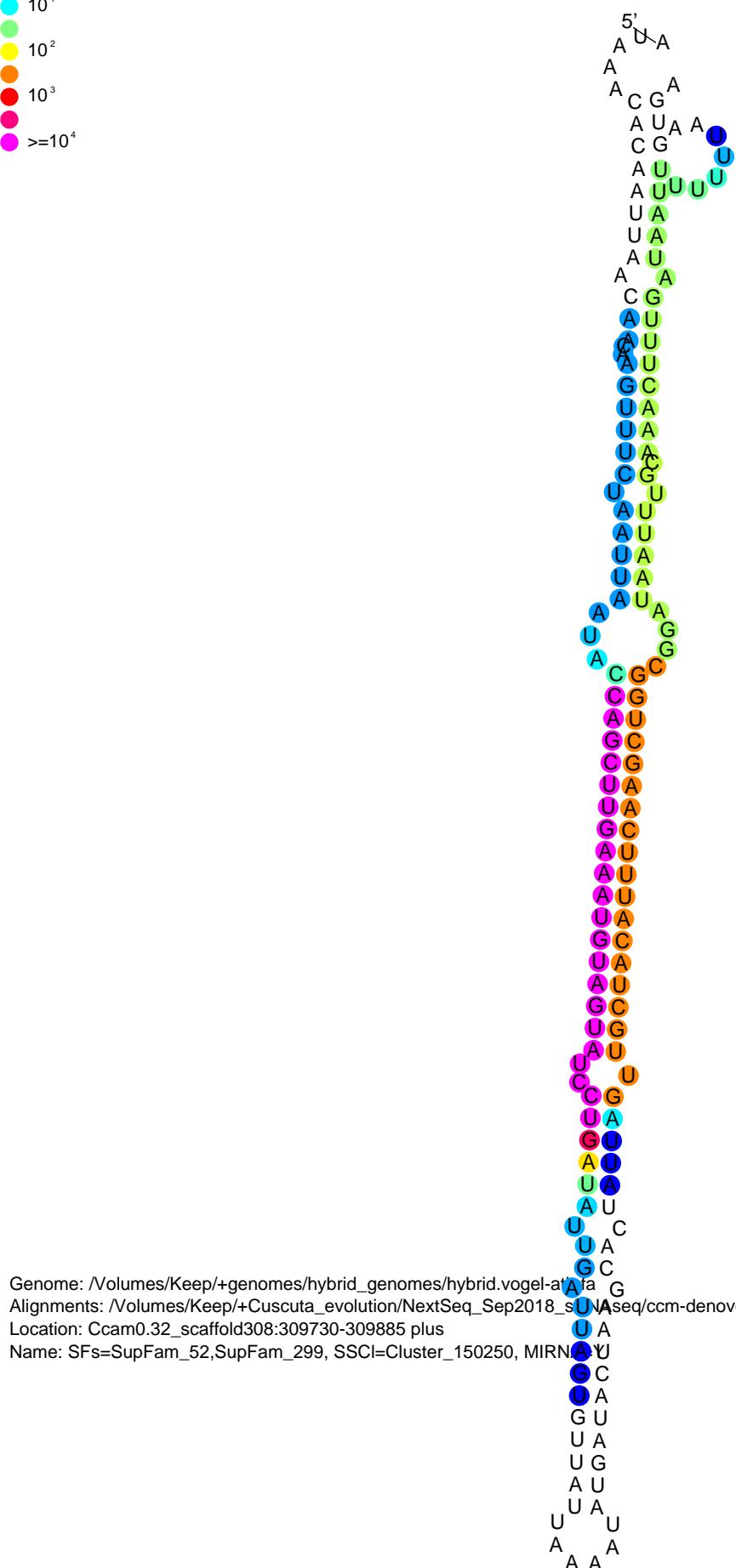
Location: Ccam0.32_scaffold308:270177-270418 minus

Name: SFs=SupFam_18, SSCI=Cluster_150228, MIRNA=N5



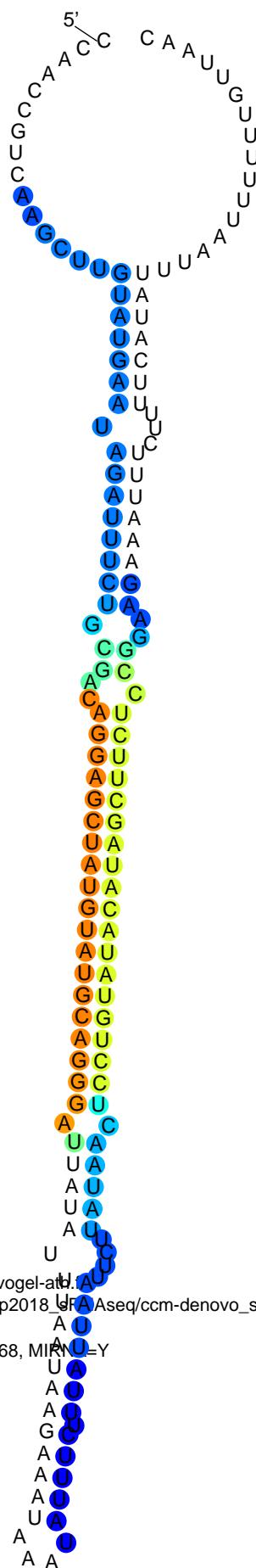
Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



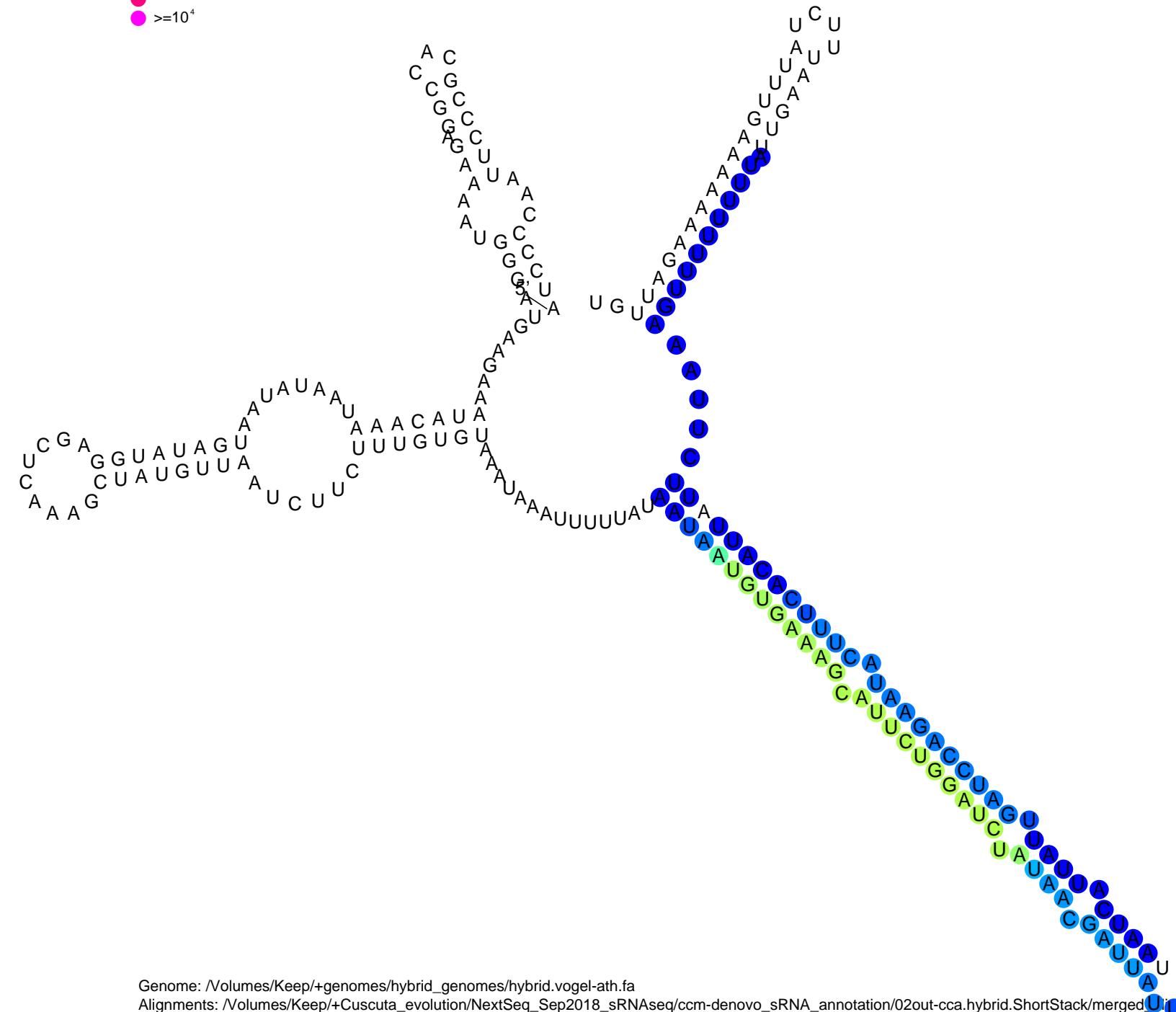
Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-at.t
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_Iseq/Aseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
Location: Ccam0.32_scaffold318:82073-82231 plus
Name: SFs=SupFam_343,SupFam_301, SSCL=Cluster_151168, MIRNA=Y

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

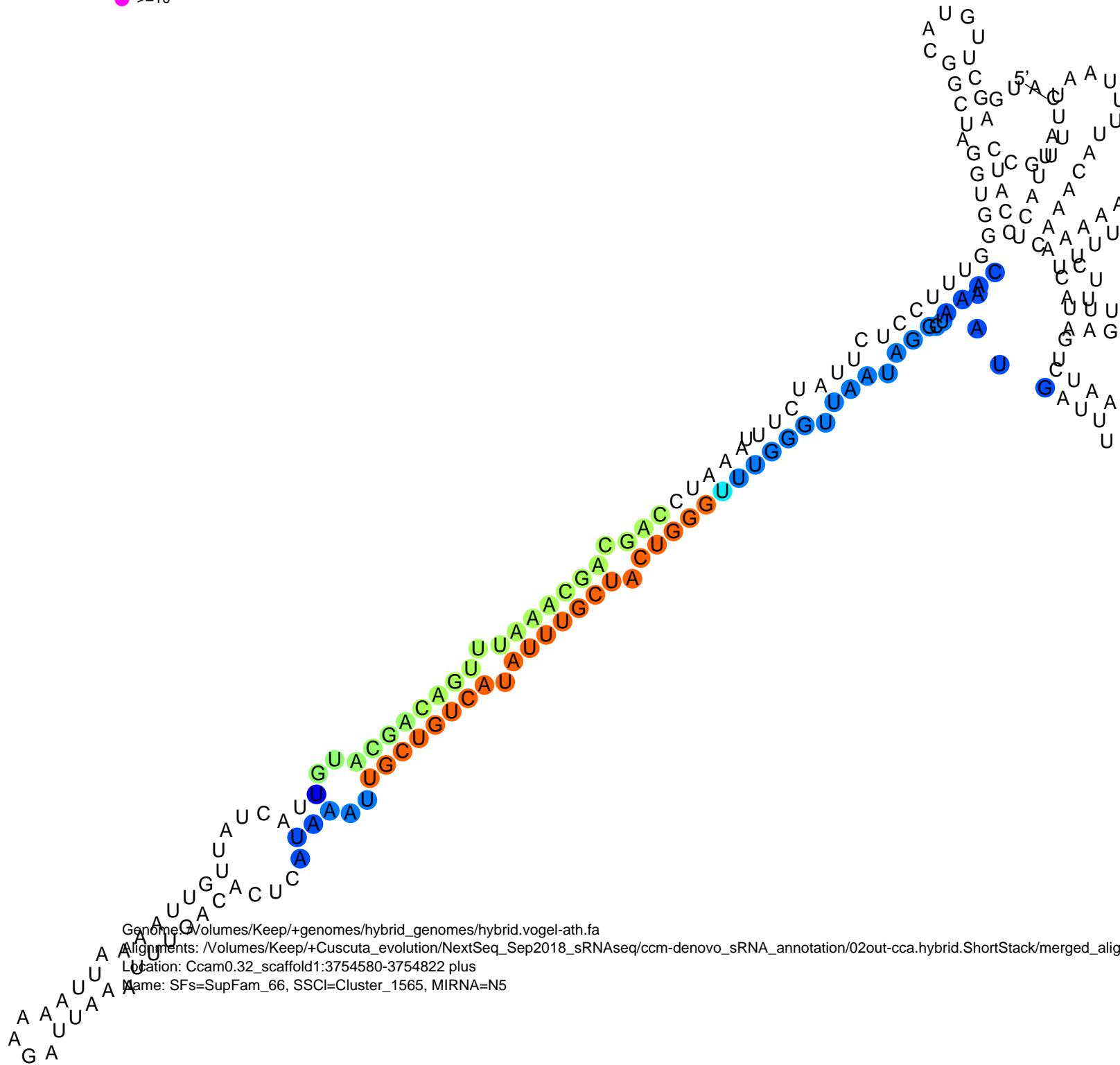
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged

Location: Ccam0.32_scaffold318:83484-83725 plus

Name: SFs=SupFam_196, SSCI=Cluster_151171, MIRNA=N5

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Depth of Coverage



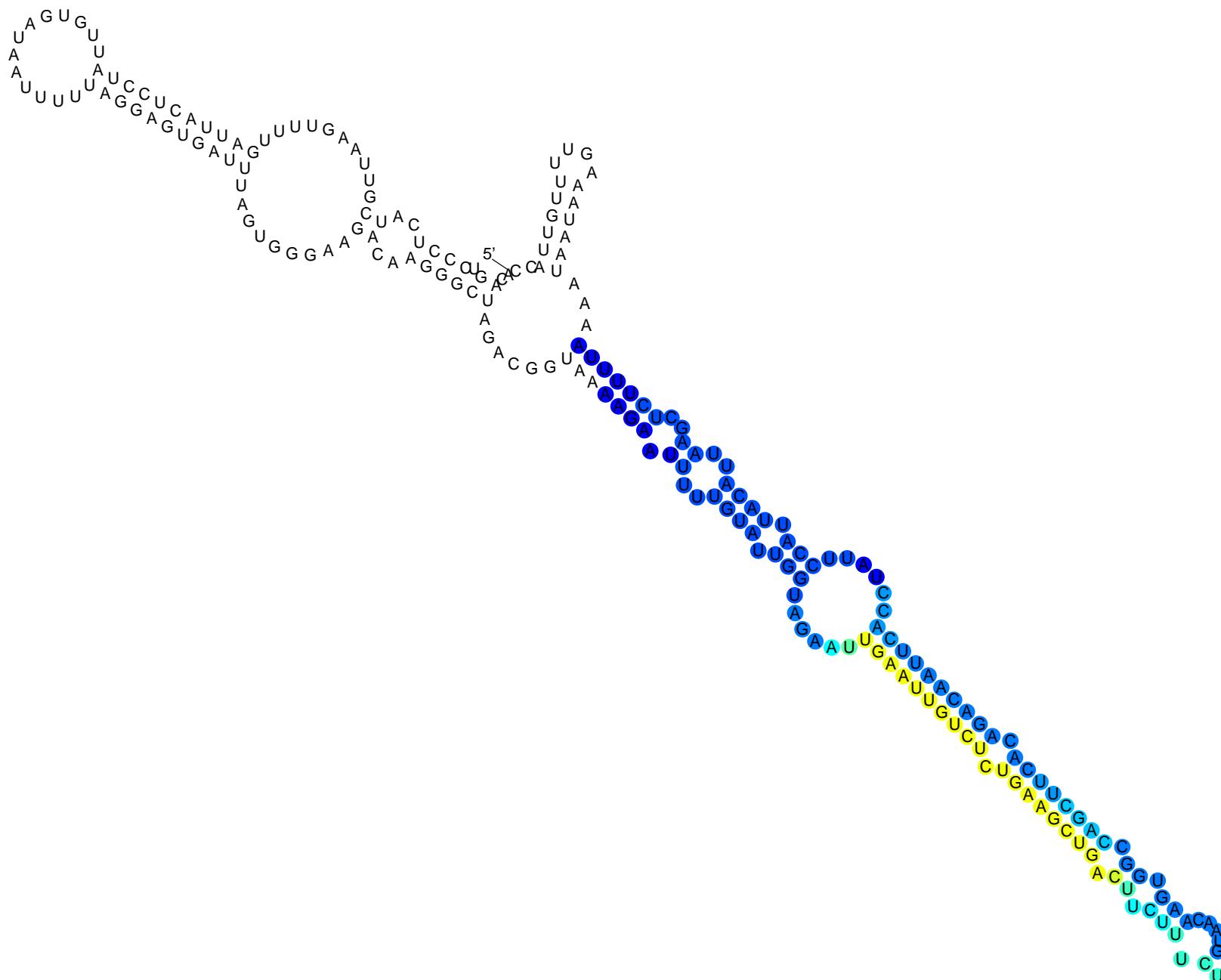
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA_alignments/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold425:242866-243023 minus

Name: SFs=SupFam_263,SupFam_194, SSCL=Cluster_158194, MIRNA=

Depth of Coverage



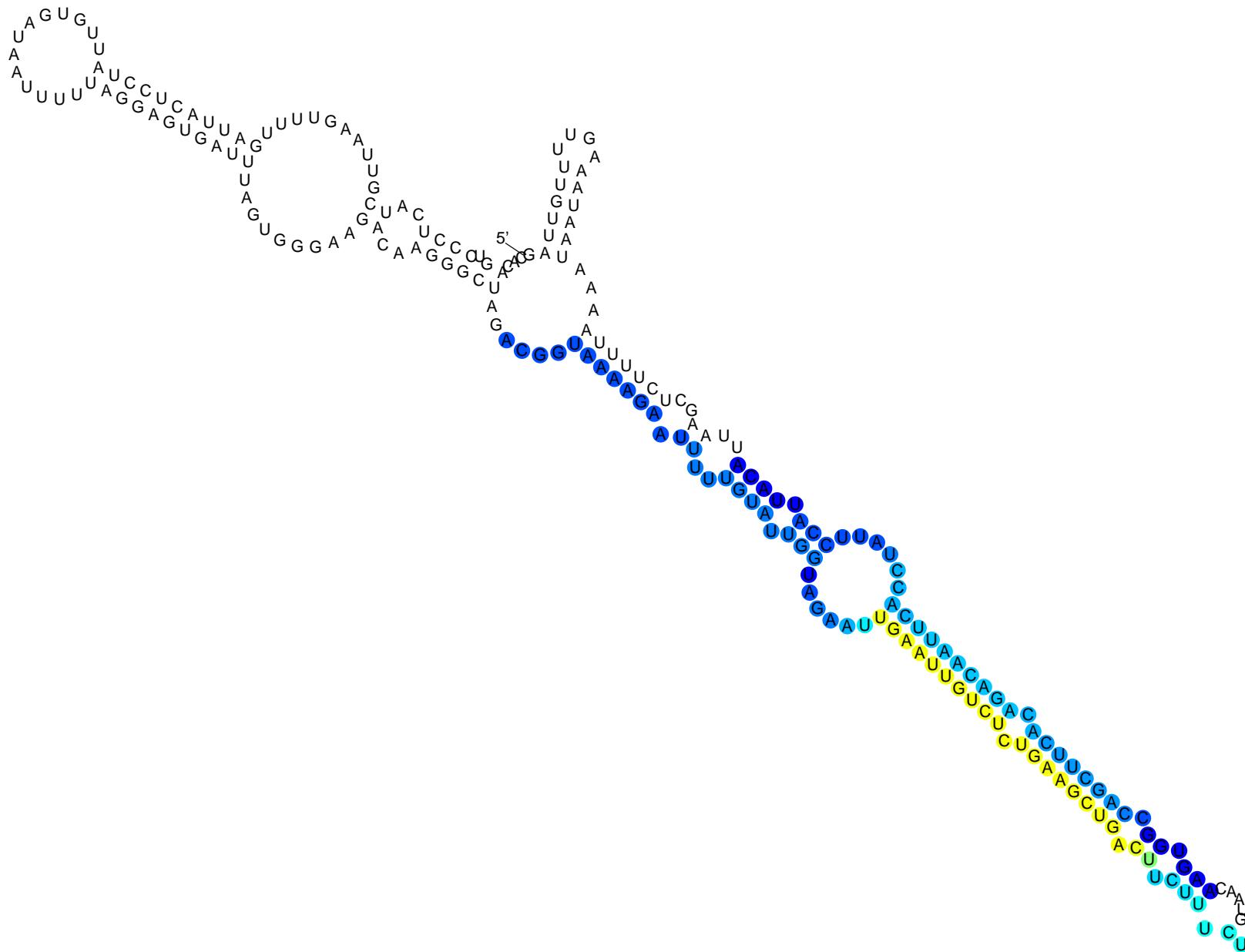
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold502:43425-43667 plus

Name: SFs=SupFam_65, SSCI=Cluster_160809, MIRNA=Y

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold502:67624-67866 minus

Name: SFs=SupFam_65, SSCI=Cluster_160810, MIRNA=Y

Depth of Coverage



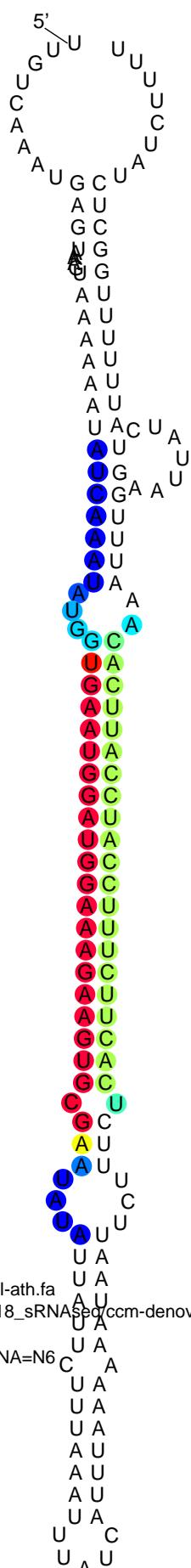
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/aligned/idenovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold11:906201-906360 minus

Name: SFs=SupFam_73,SupFam_12, SSCI=Cluster_16821, MIRNA=N5

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

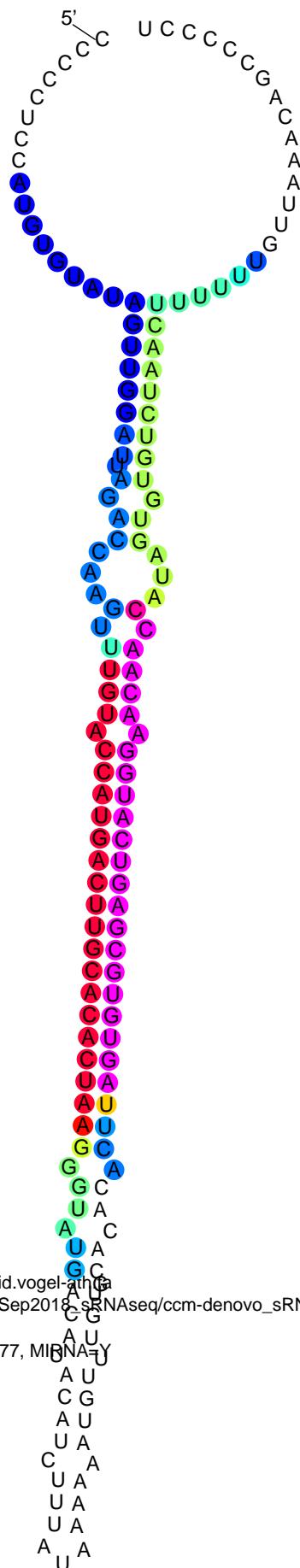
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/Seccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold13b:233069-233228 plus

Name: SFs=SupFam_75,SupFam_17, SSCI=Cluster_19754, MIRNA=N6

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



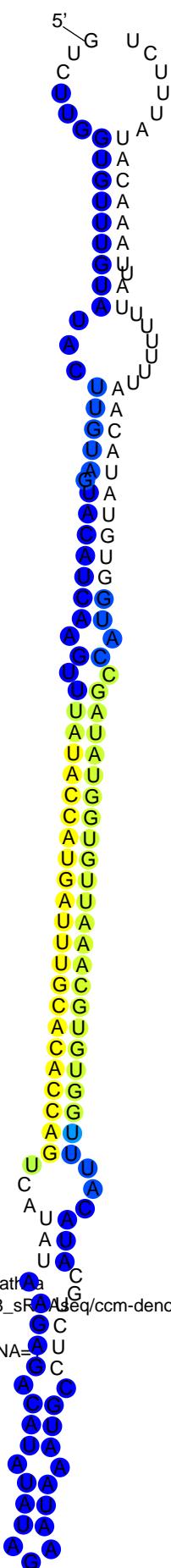
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-atgc

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018/sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold13b:575614-575772 plus

Name: SFs=SupFam_453,SupFam_27, SSCL=Cluster_19877, MIRNA=Y

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-atl

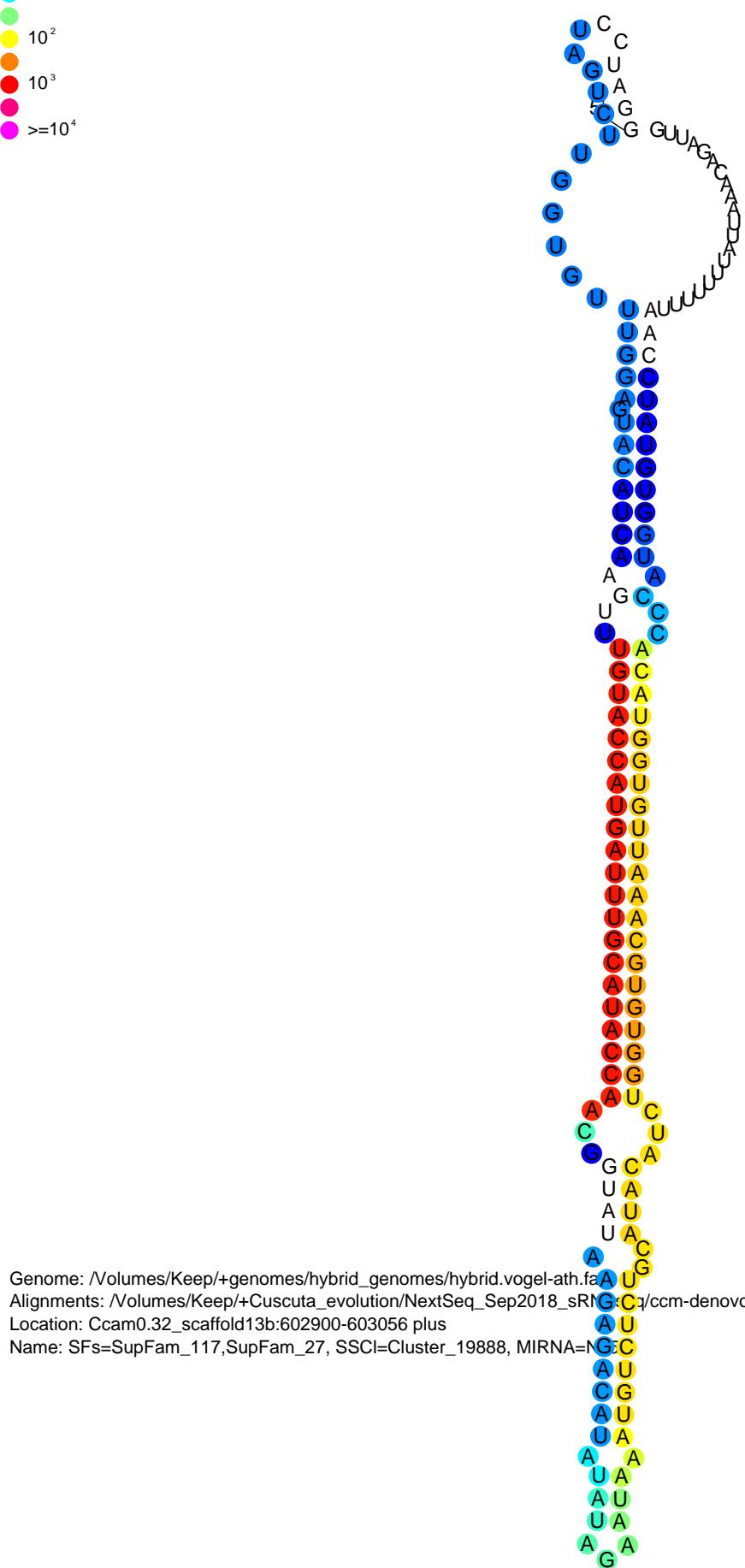
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold13b:582396-582554 plus

Name: SFs=SupFam_117,SupFam_27, SSCL=Cluster_19885, MIRNA=

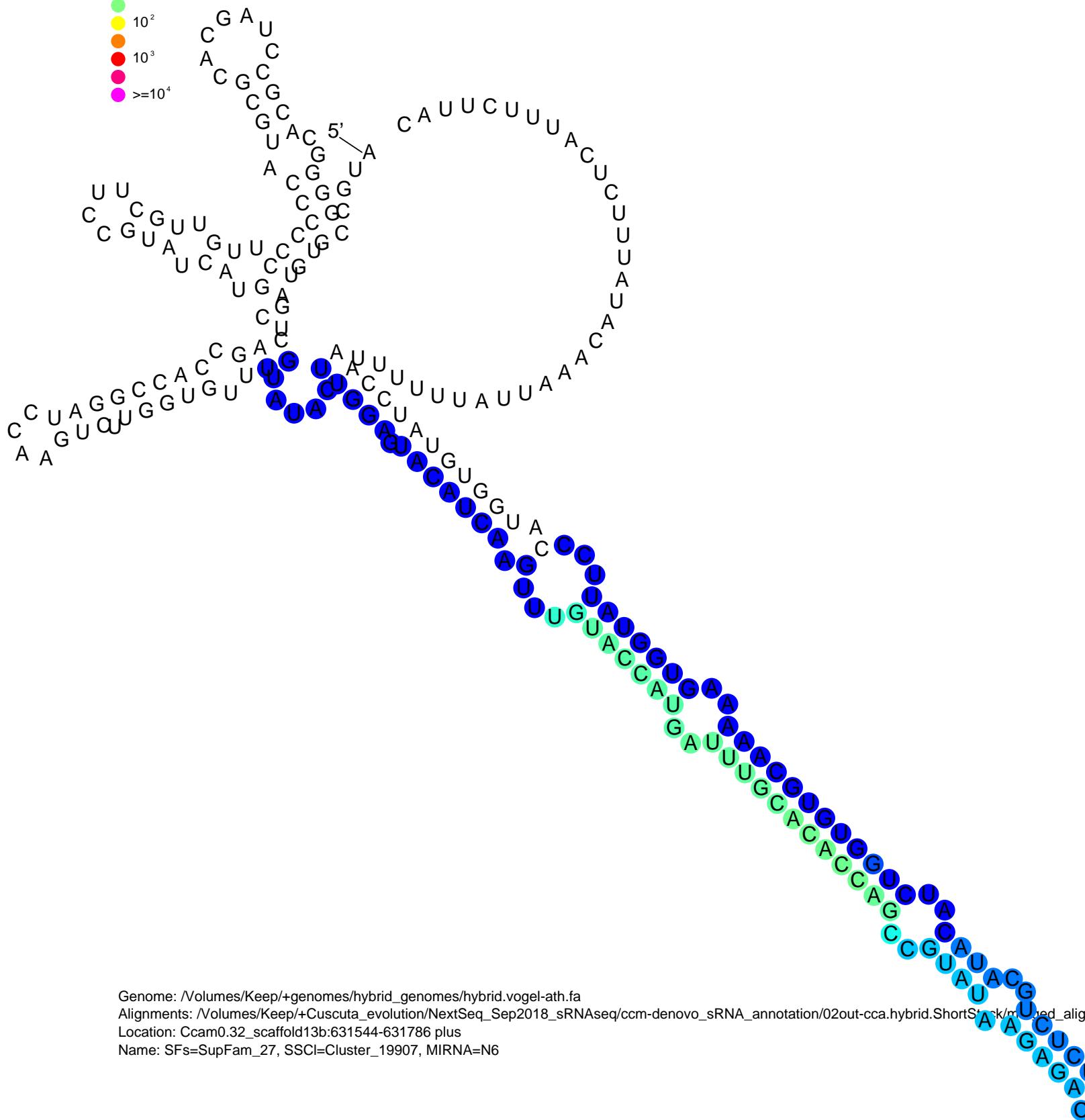
Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$

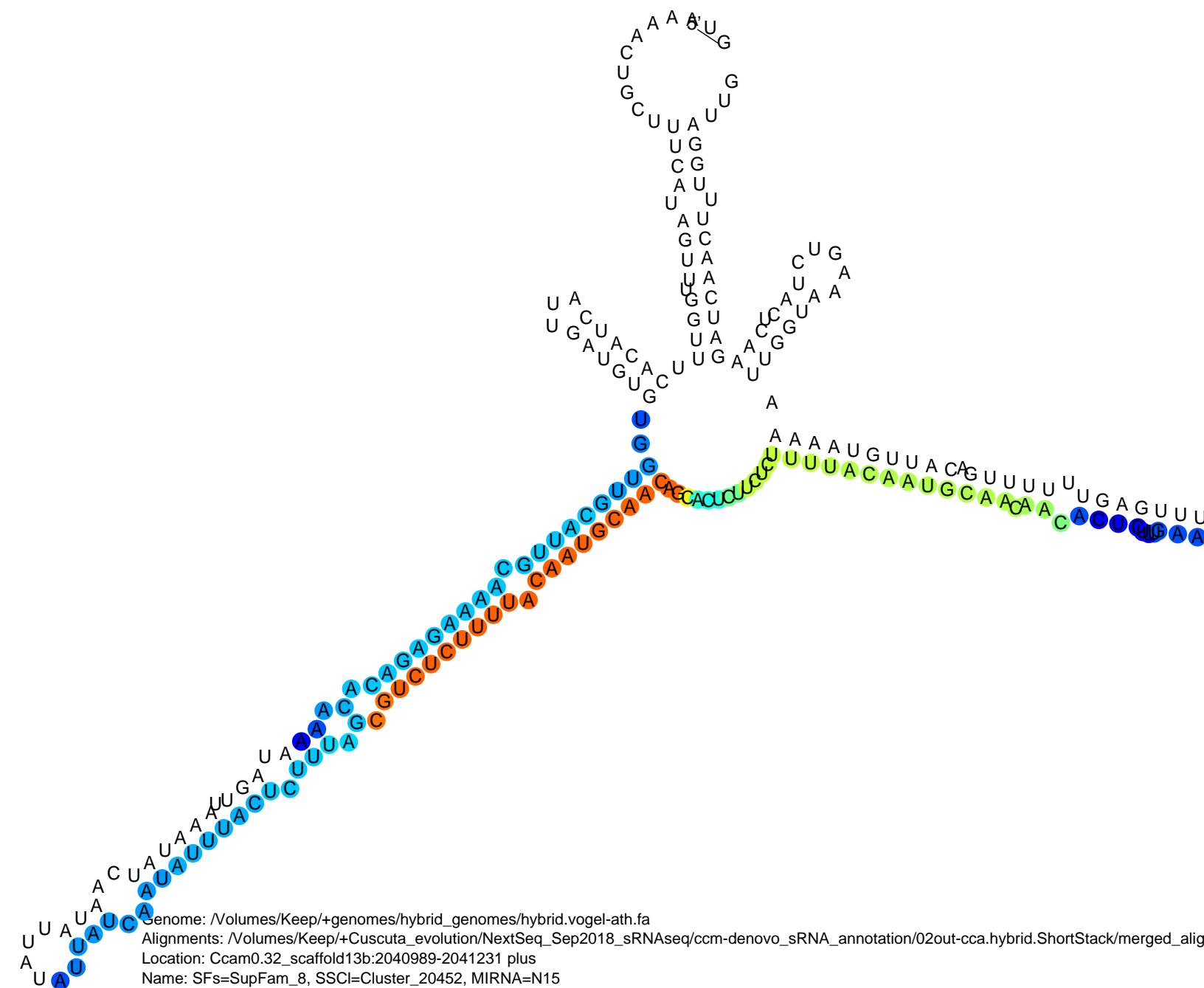


Depth of Coverage

- 10⁰
- 10¹
- 10²
- 10³
- >=10⁴

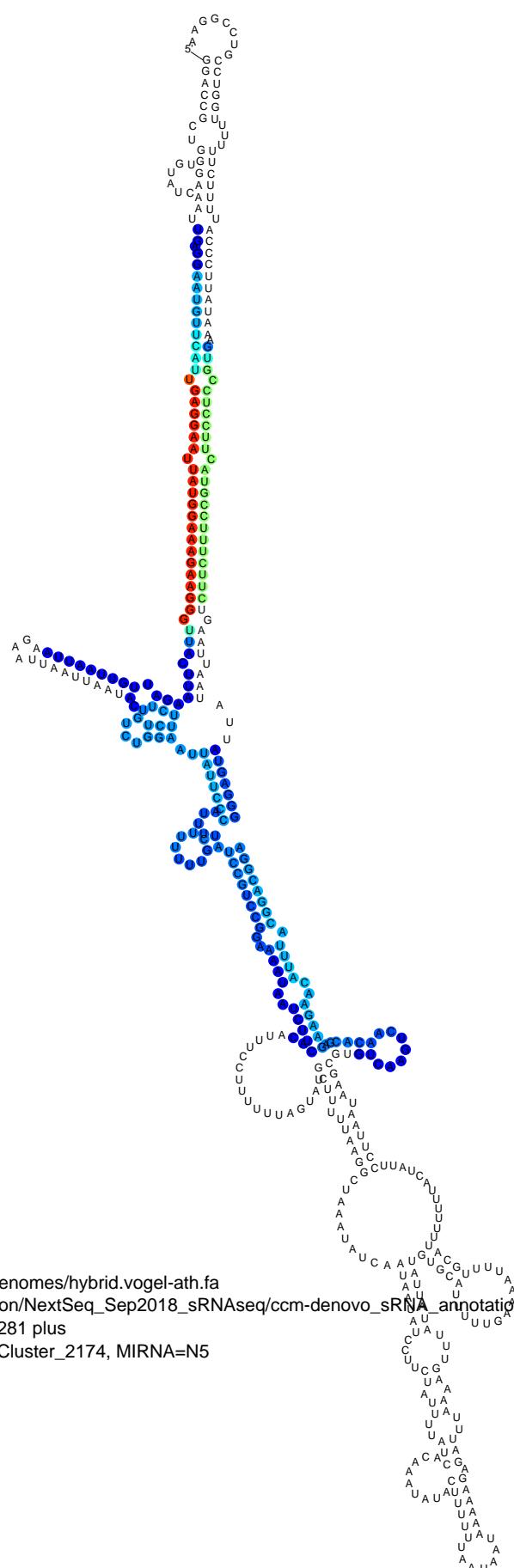


Depth of Coverage





Depth of Coverage



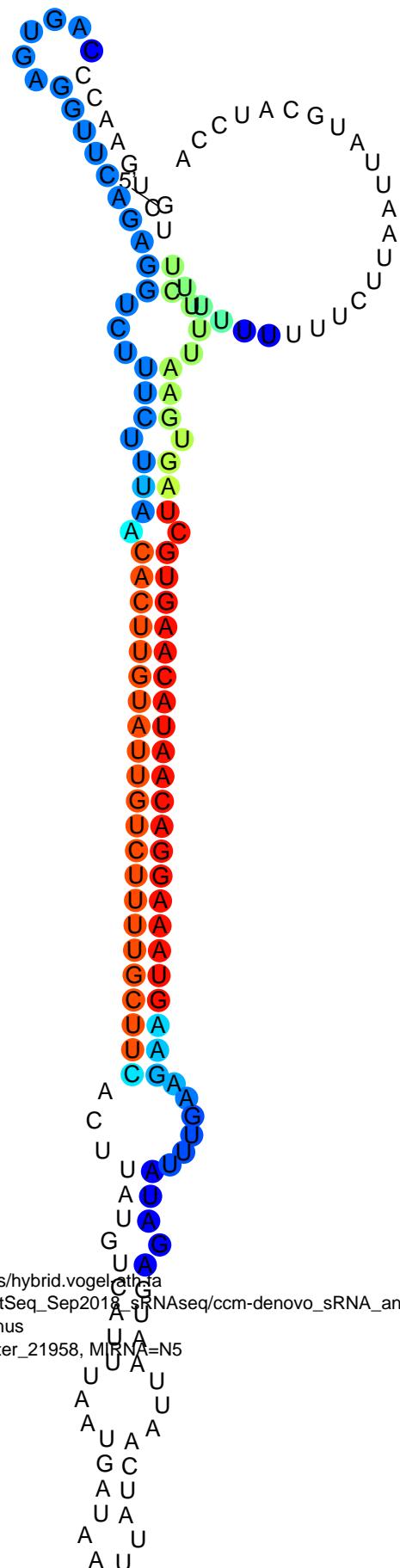
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold1:5098862-5099281 plus

Name: SFs=SupFam_3,SupFam_265, SSCI=Cluster_2174, MIRNA=N5

Depth of Coverage



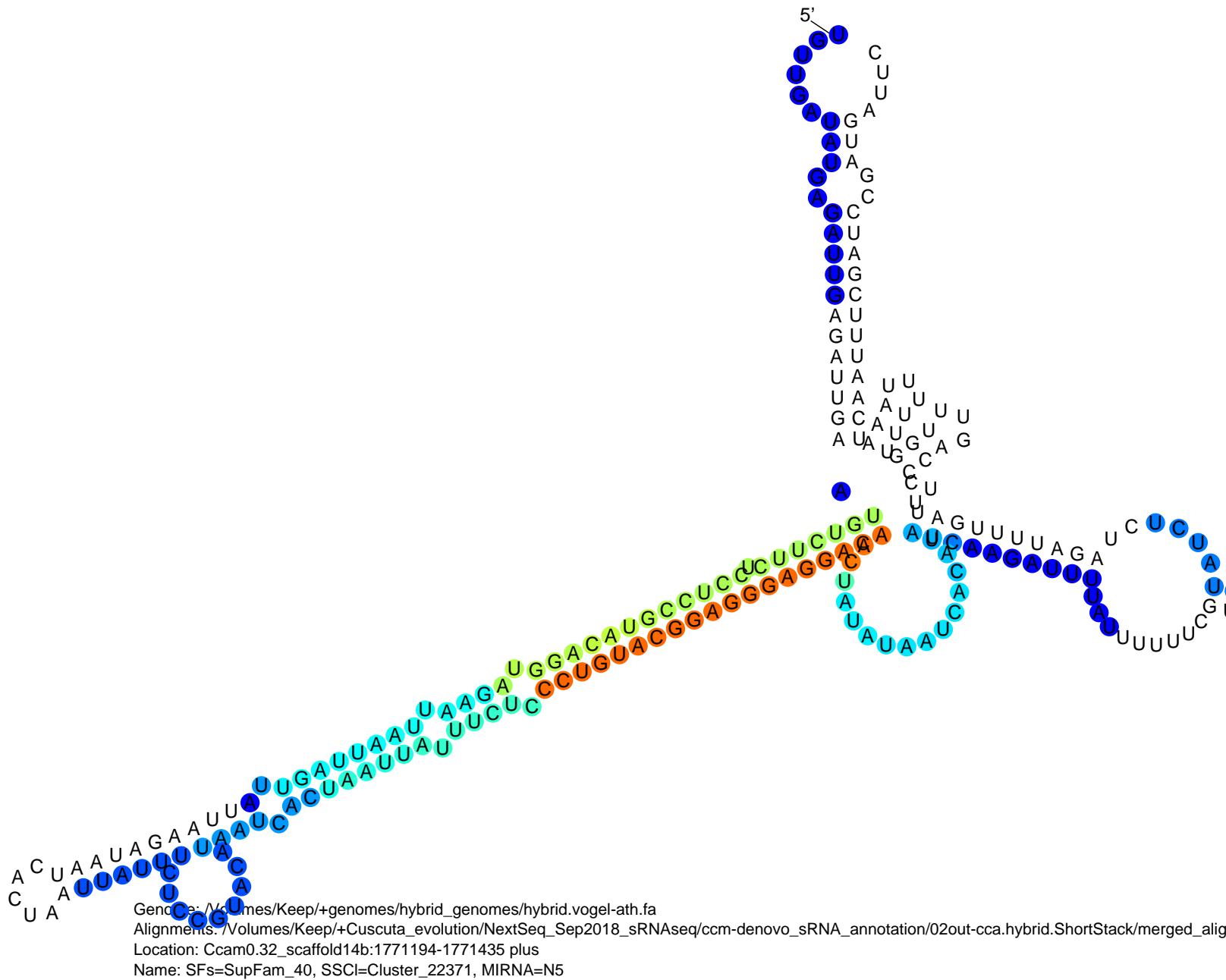
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogelathra

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018/sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

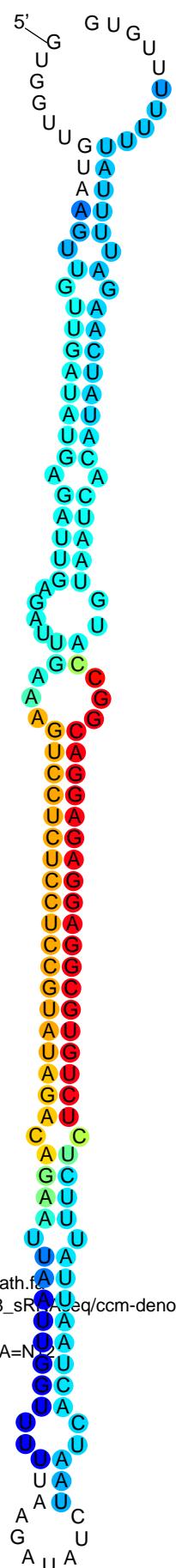
Location: Ccam0.32_scaffold14b:884768-884929 minus

Name: SFs=SupFam_279,SupFam_288, SSCL=Cluster_21958, MRNA=N5

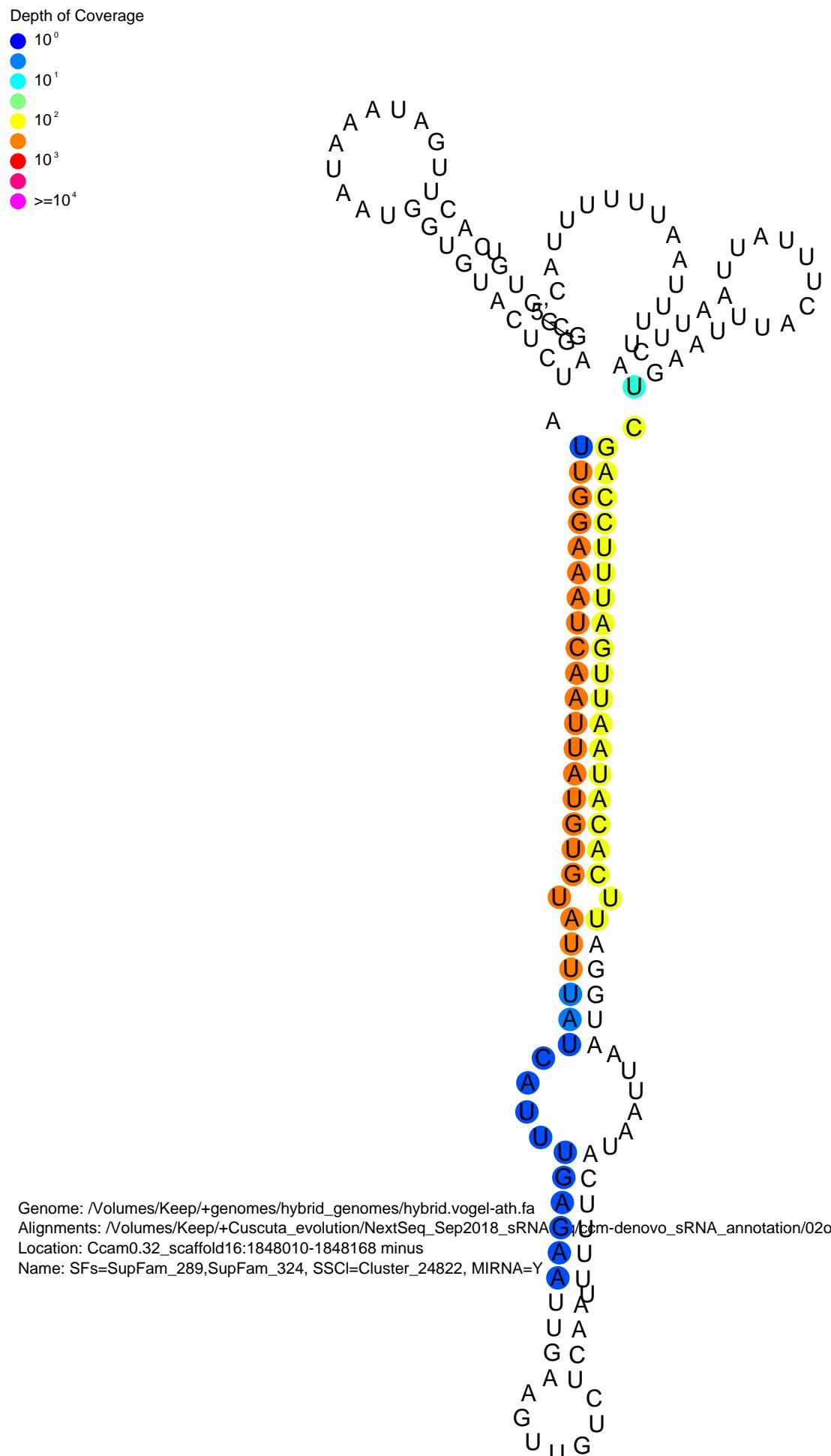
Depth of Coverage



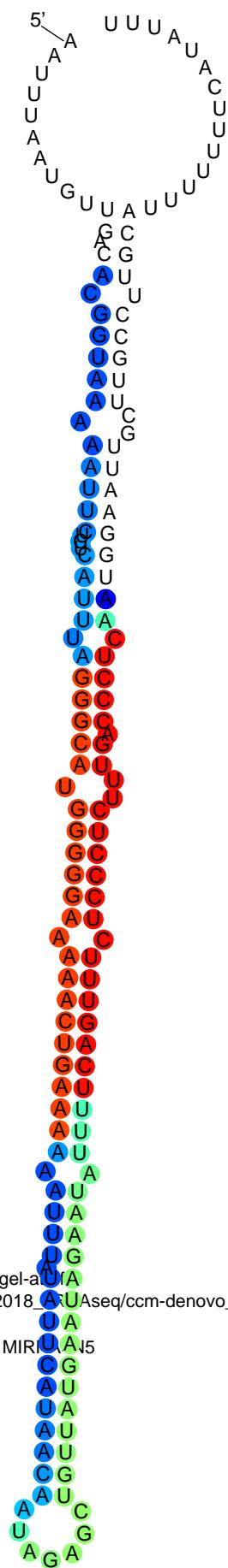
Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fasta
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
Location: Ccam0.32_scaffold14b:1787353-1787510 minus
Name: SFs=SupFam_5,SupFam_278, SSCL=Cluster_22382, MIRNA=N



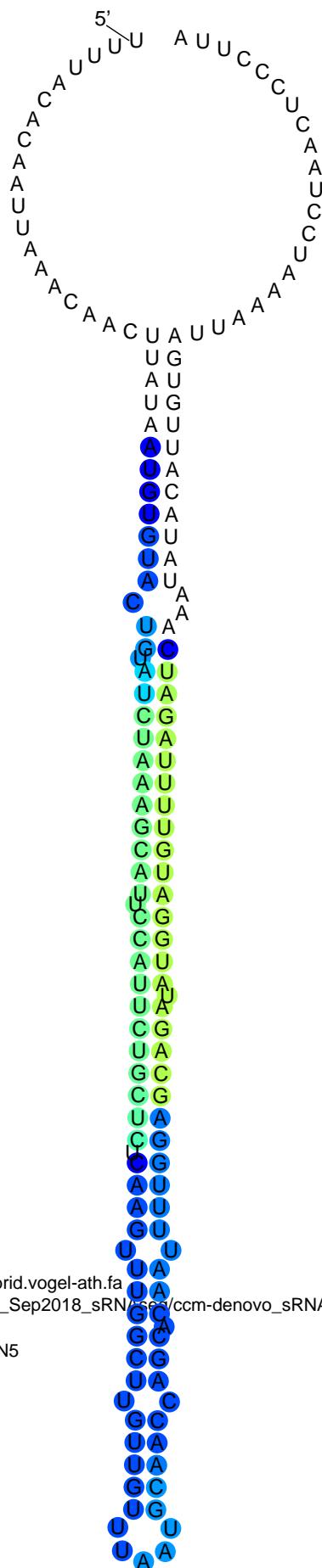
Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-a
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_A
Location: Ccam0.32_scaffold18:3002-3162 minus
Name: SFs=SupFam_284,SupFam_277, SSCL=Cluster_26643, MIR

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



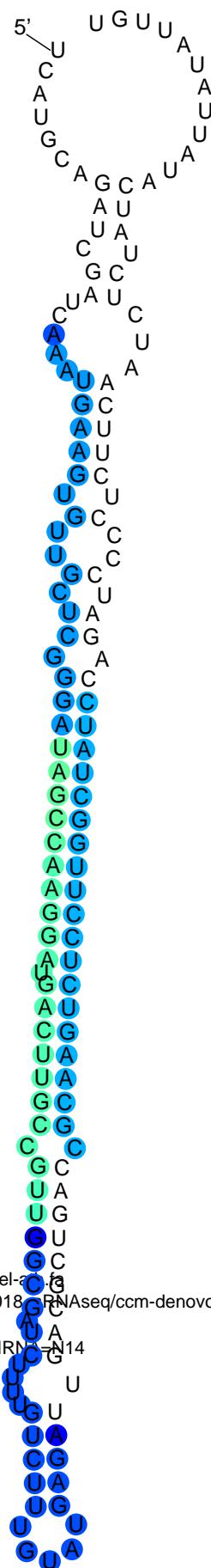
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold20:1730522-1730679 plus

Name: SFs=SupFam_76, SSCI=Cluster_29925, MIRNA=N5

Depth of Coverage



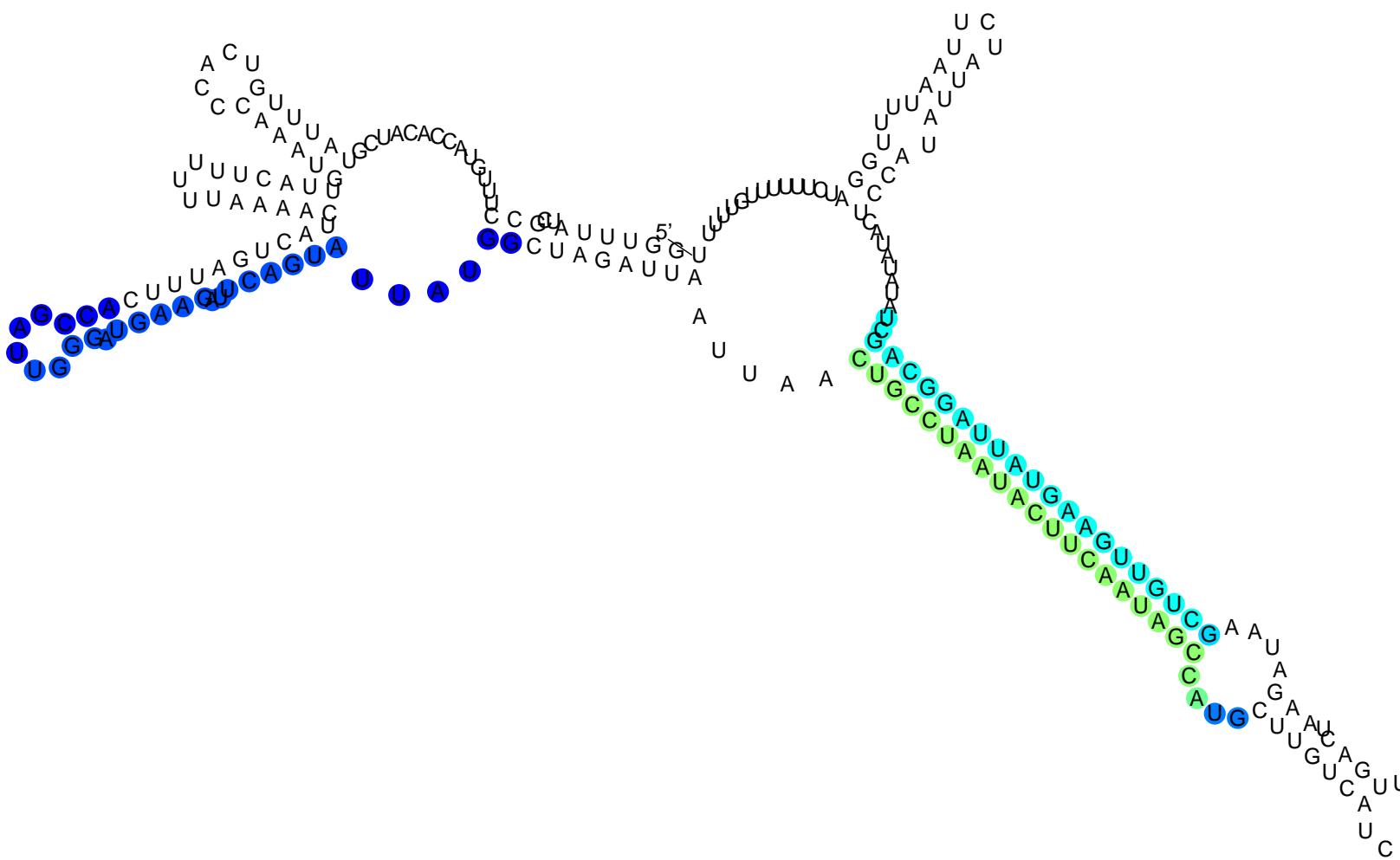
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_RNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold22b:1609335-1609483 plus

Name: SFs=SupFam_333,SupFam_72, SSCL=Cluster_32339, MIRN=miR14

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

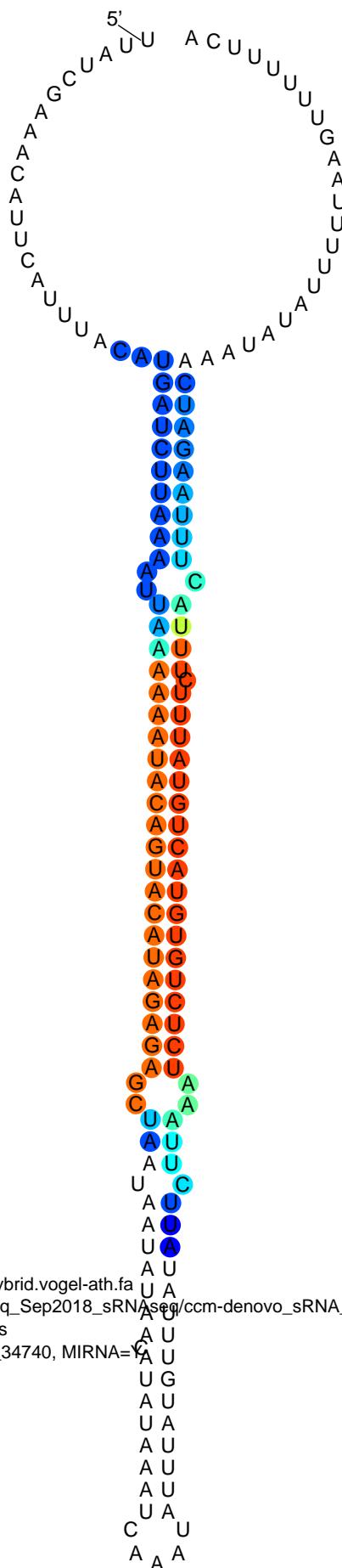
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold23:330582-330824 minus

Name: SFs=SupFam_342, SSCI=Cluster_32905, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$

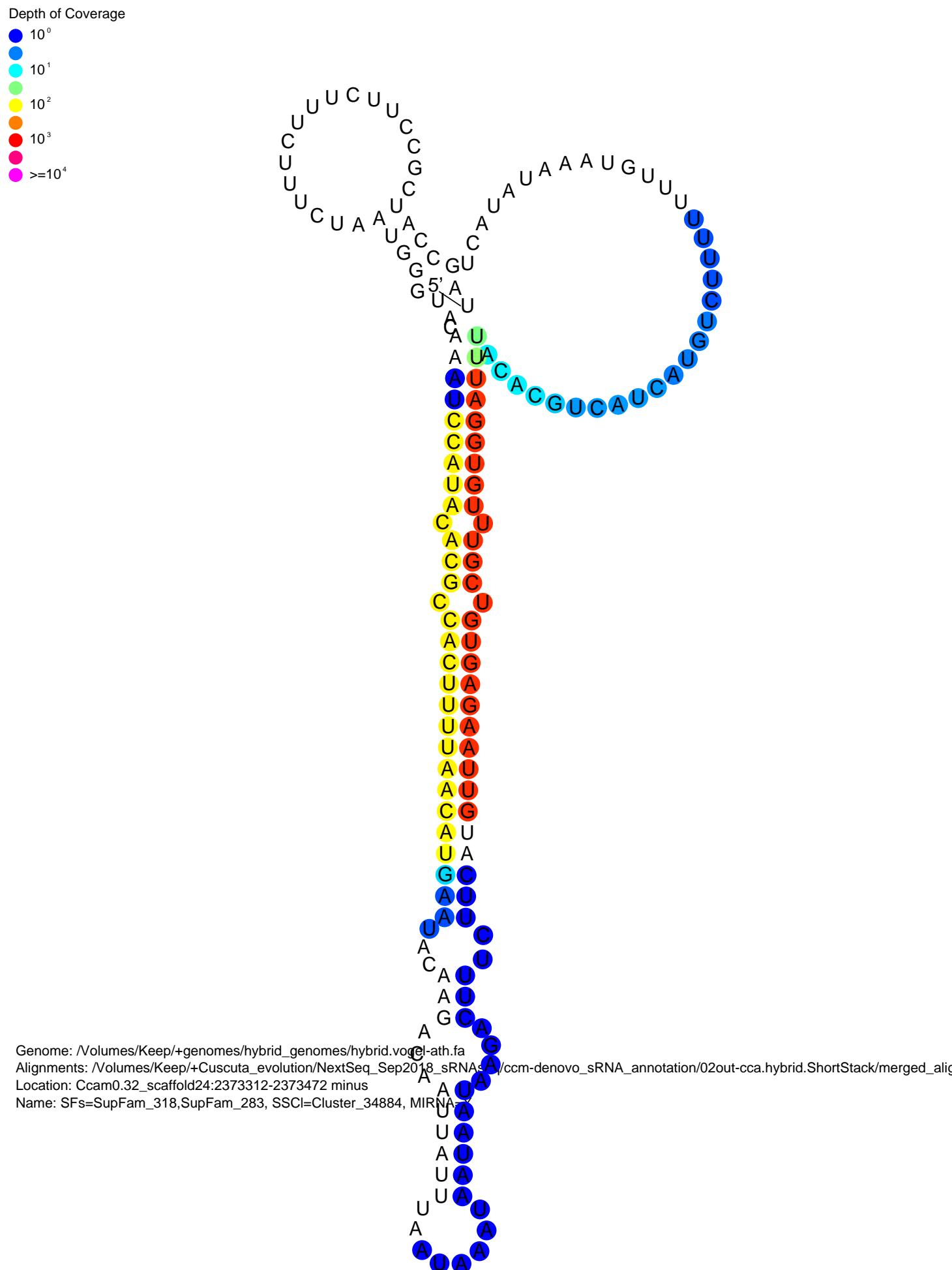


Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA_seq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

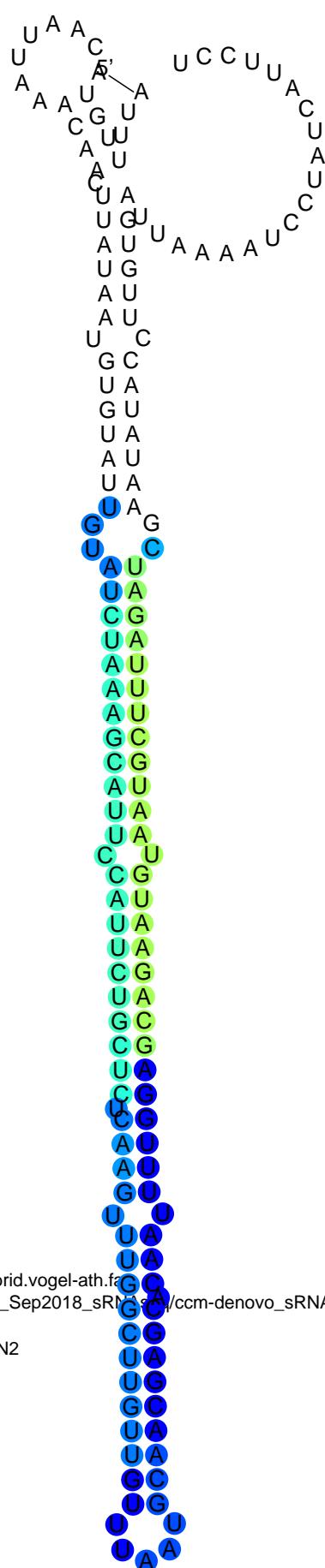
Location: Ccam0.32_scaffold24:1949835-1949993 minus

Name: SFs=SupFam_296,SupFam_127, SSCL=Cluster_34740, MIRNA=Y



Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$

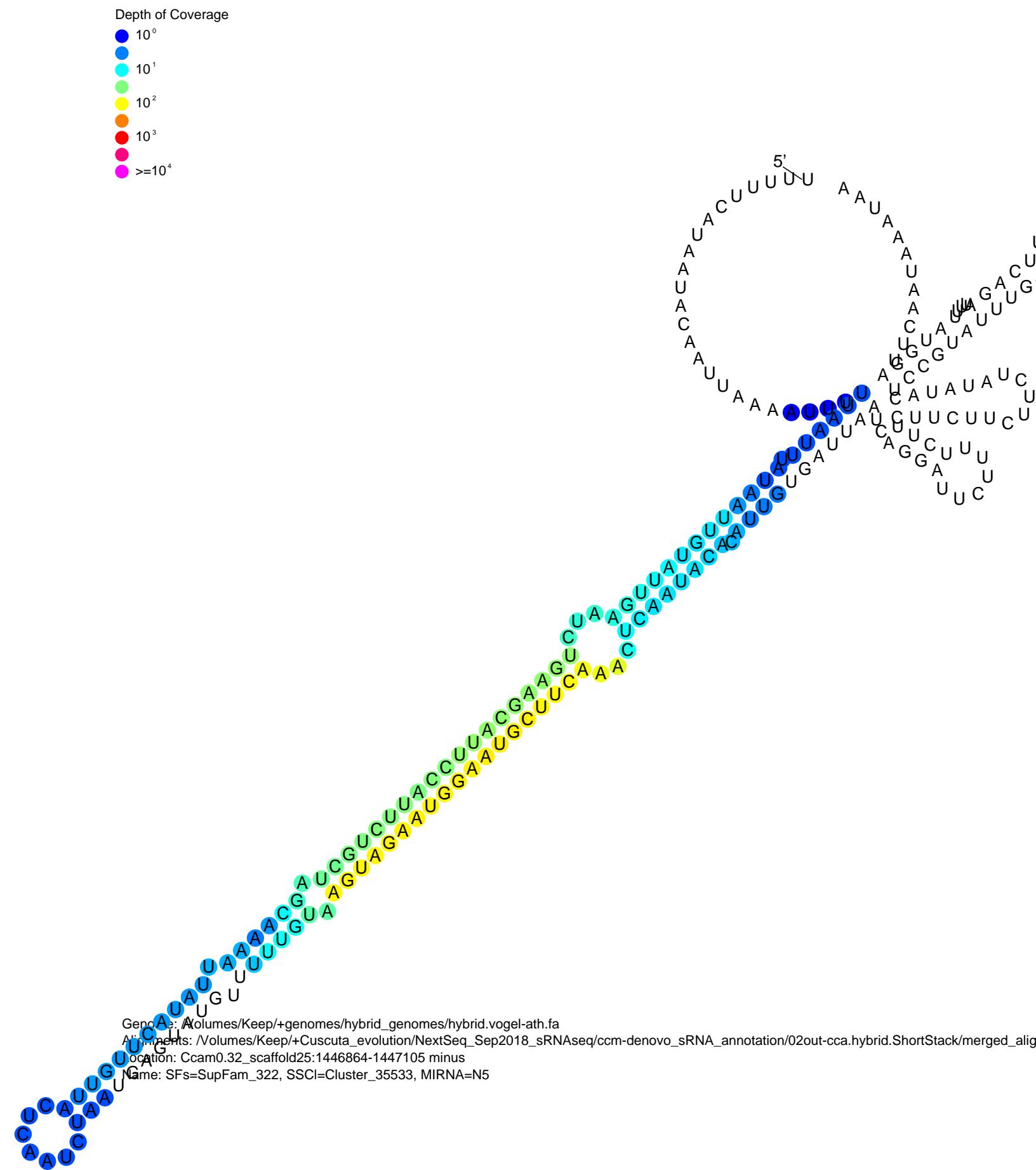


Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fna

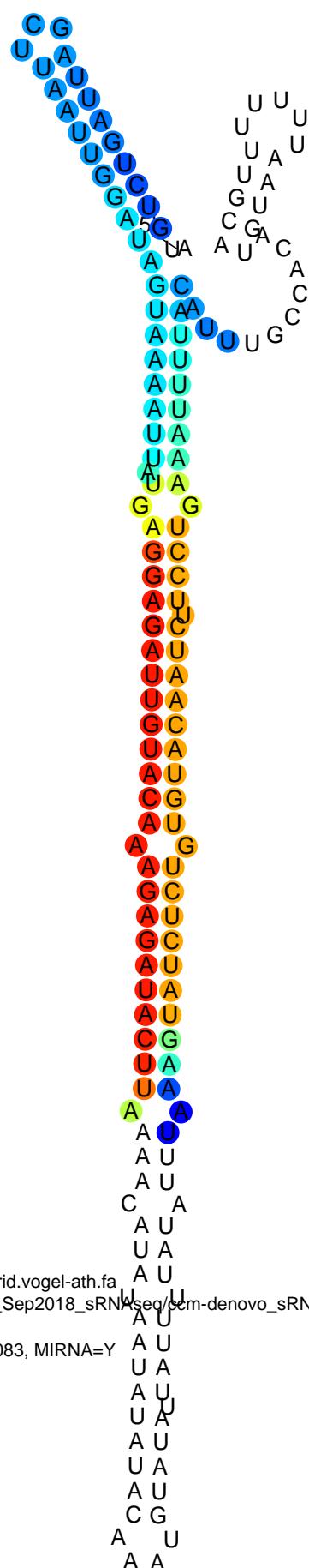
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA_alignments/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold25:1445787-1445944 minus

Name: SFs=SupFam_76, SSCI=Cluster_35532, MIRNA=N2



Depth of Coverage



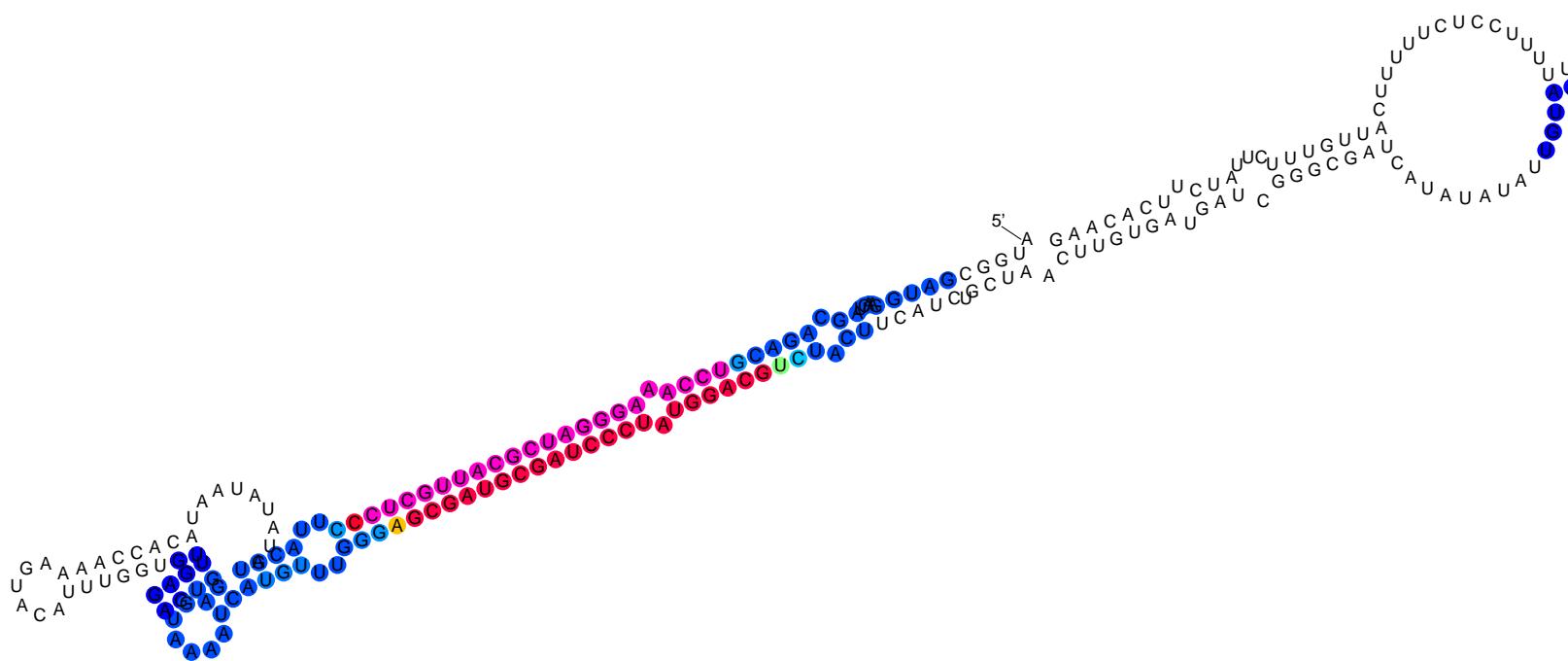
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/scm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold26:2523657-2523816 minus

Name: SFs=SupFam_134,SupFam_71, SSCL=Cluster_37083, MIRNA=Y

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

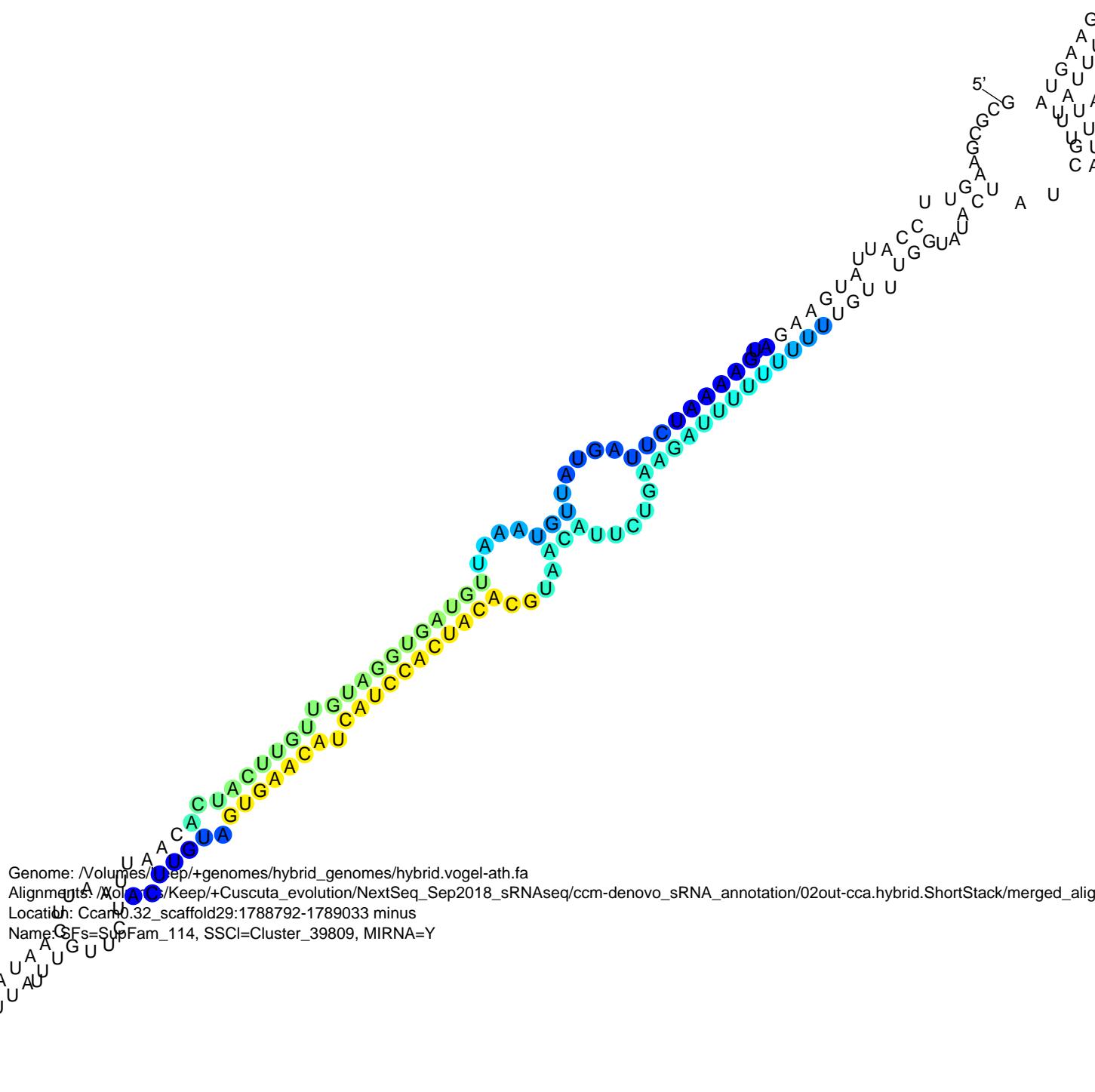
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

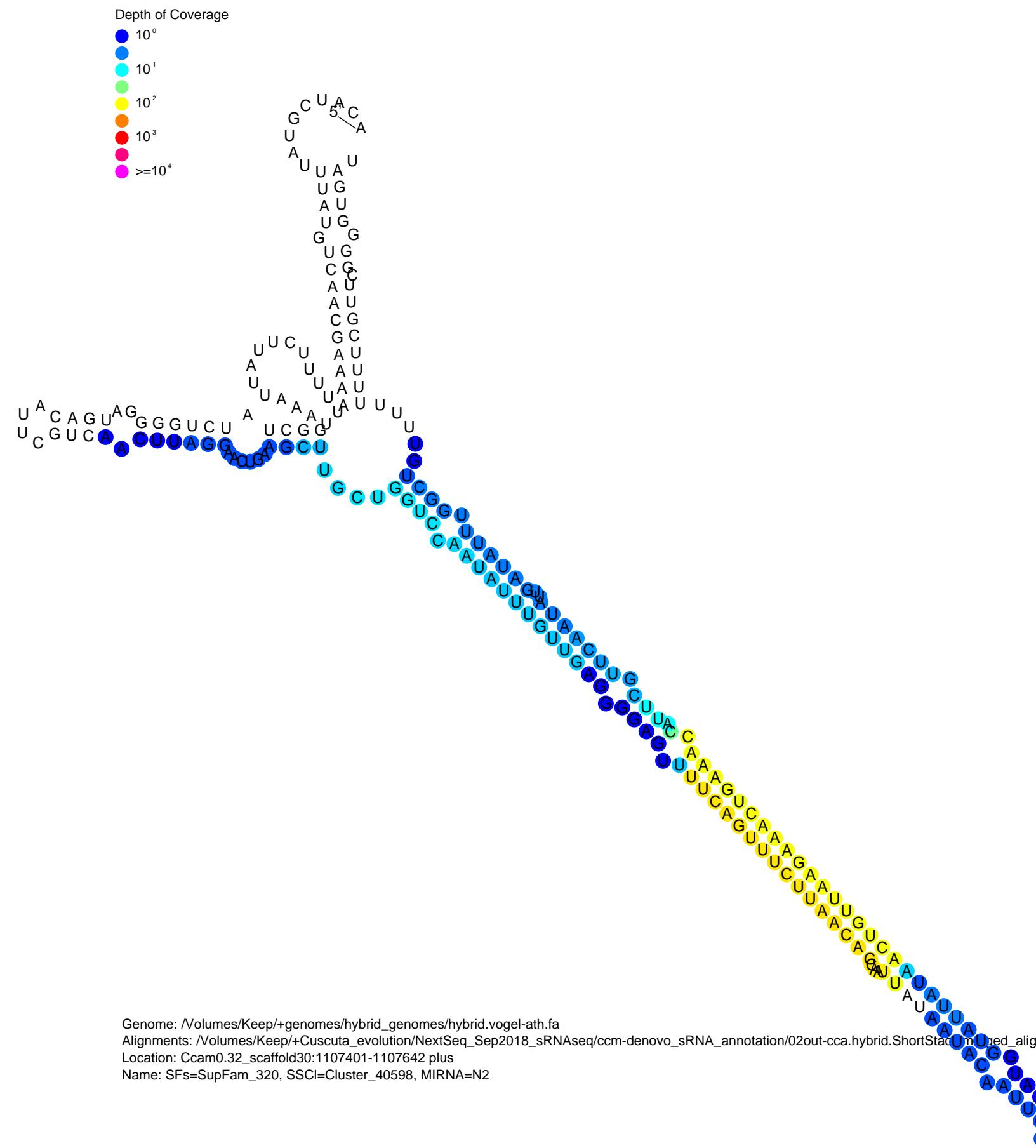
Location: Ccam0.32_scaffold29:1201865-1202106 plus

Name: SFs=SupFam_13, SSCI=Cluster_39569, MIRNA=Y

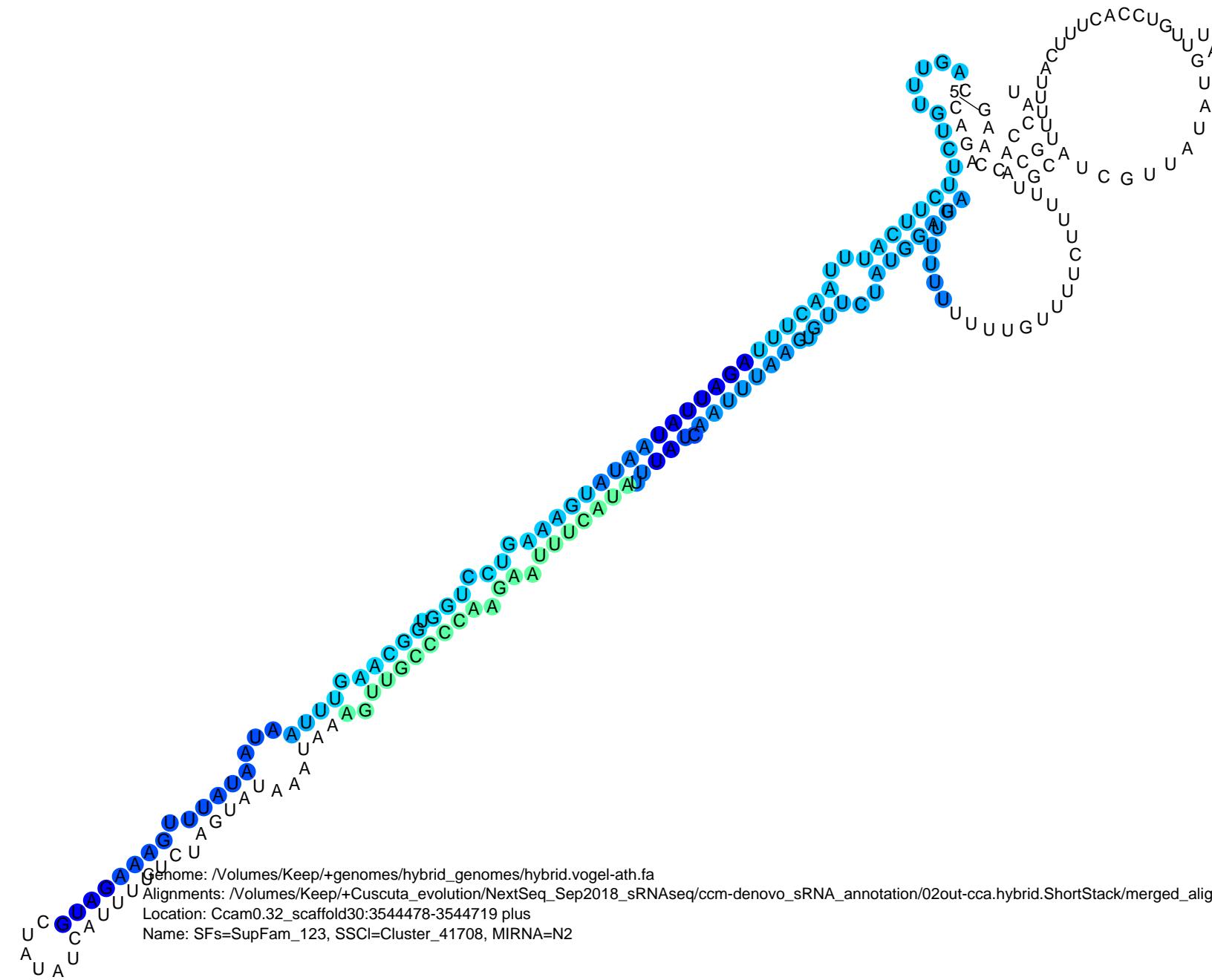


Depth of Coverage



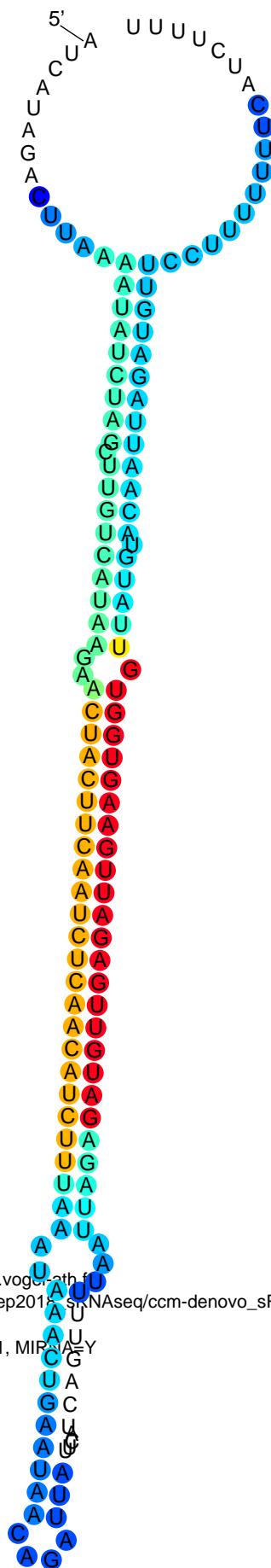


Depth of Coverage

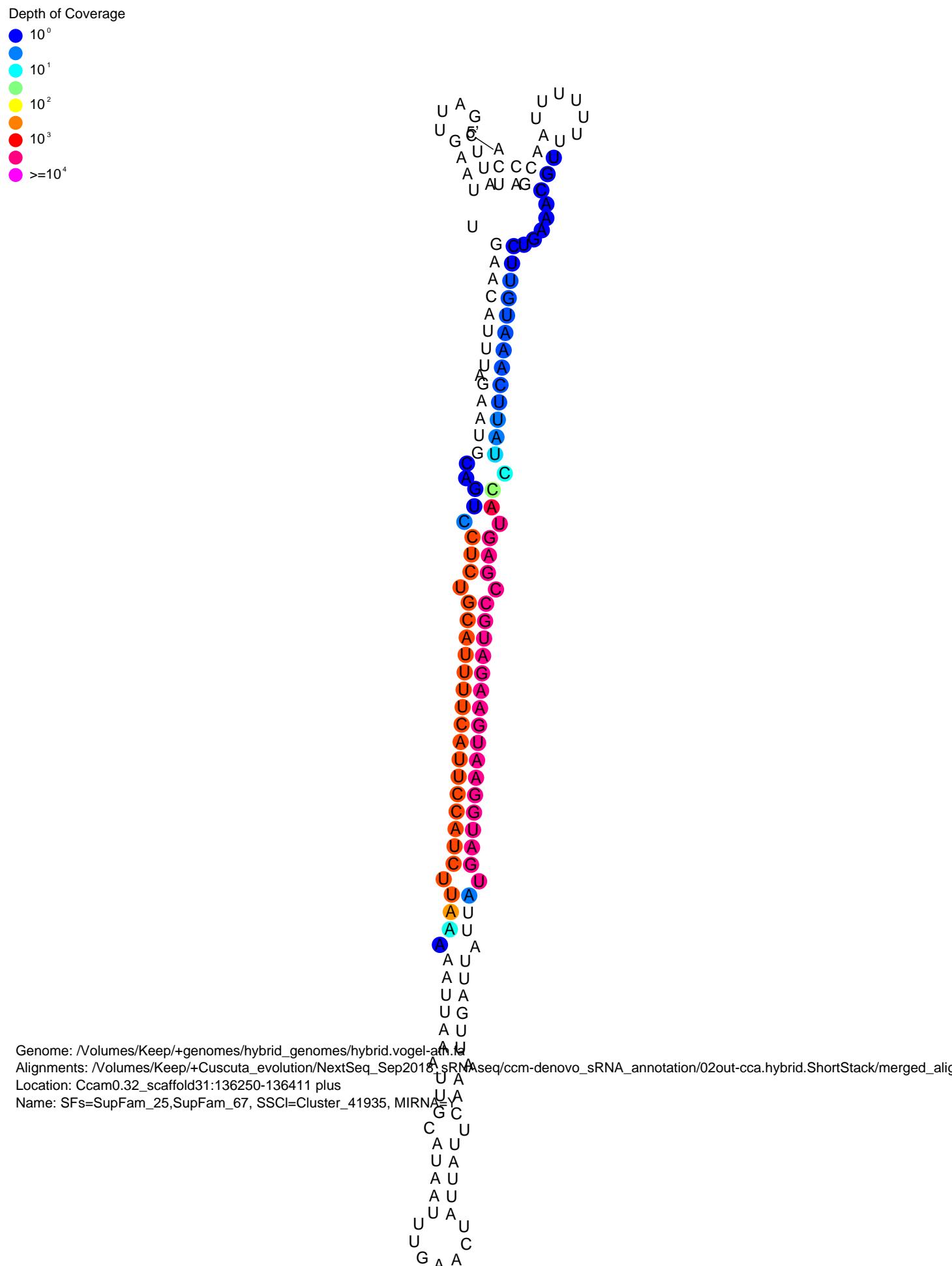


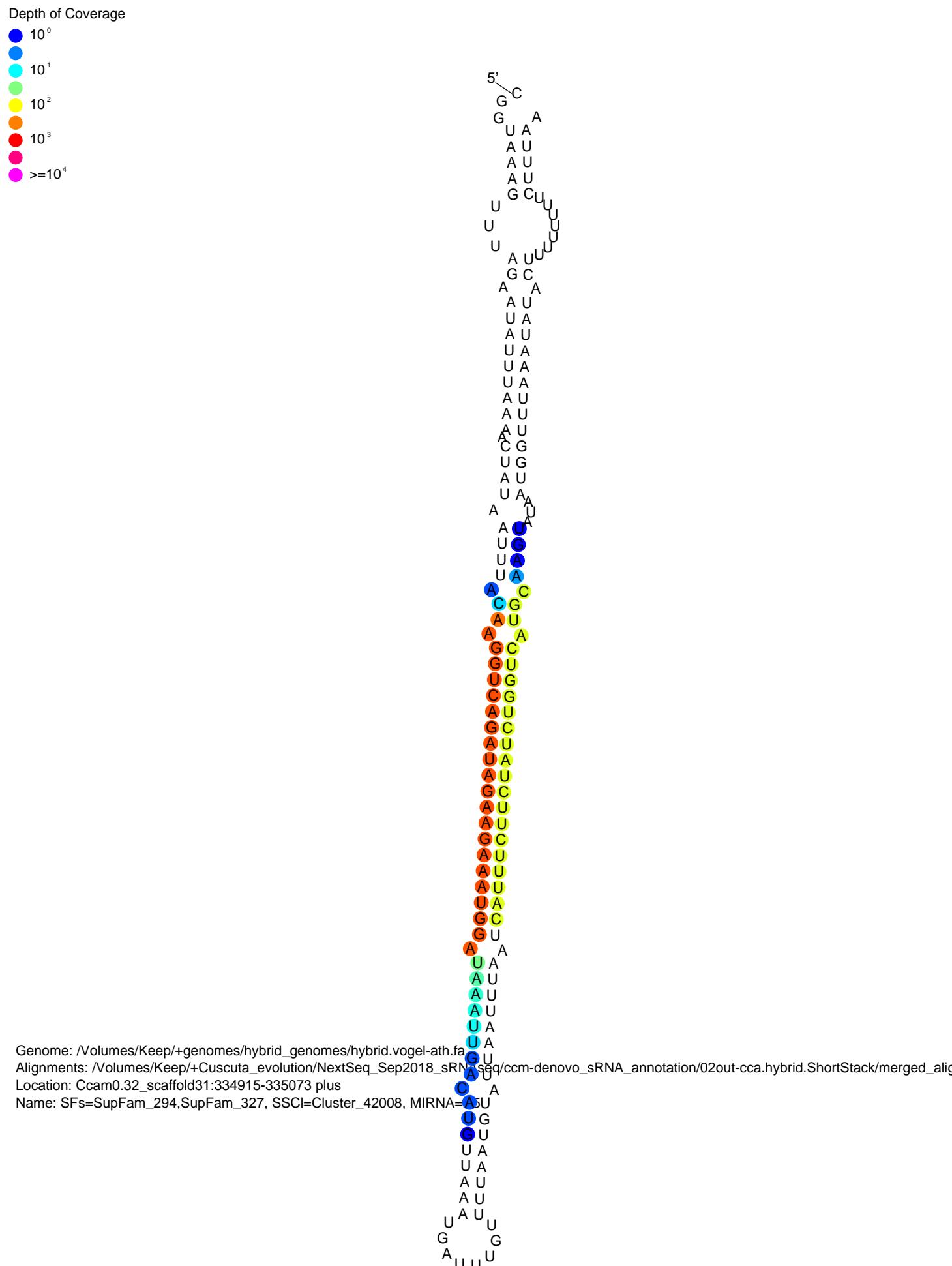
Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



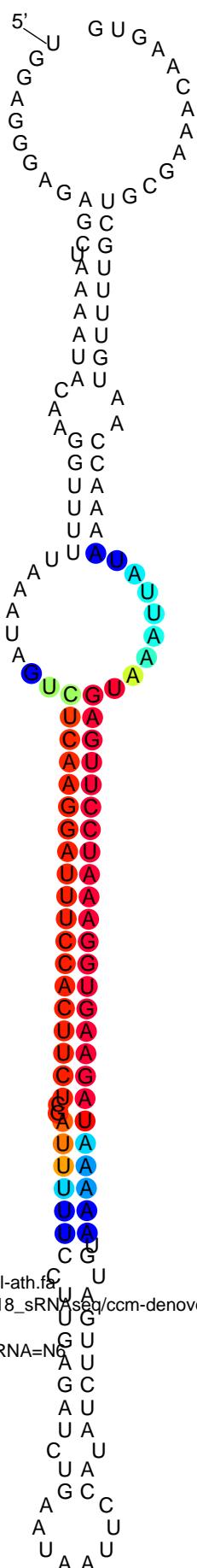
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogelath.fna
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2015/sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
Location: Ccam0.32_scaffold31:129879-130033 plus
Name: SFs=SupFam_287,SupFam_19, SSCL=Cluster_41931, MIRNA=Y





Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

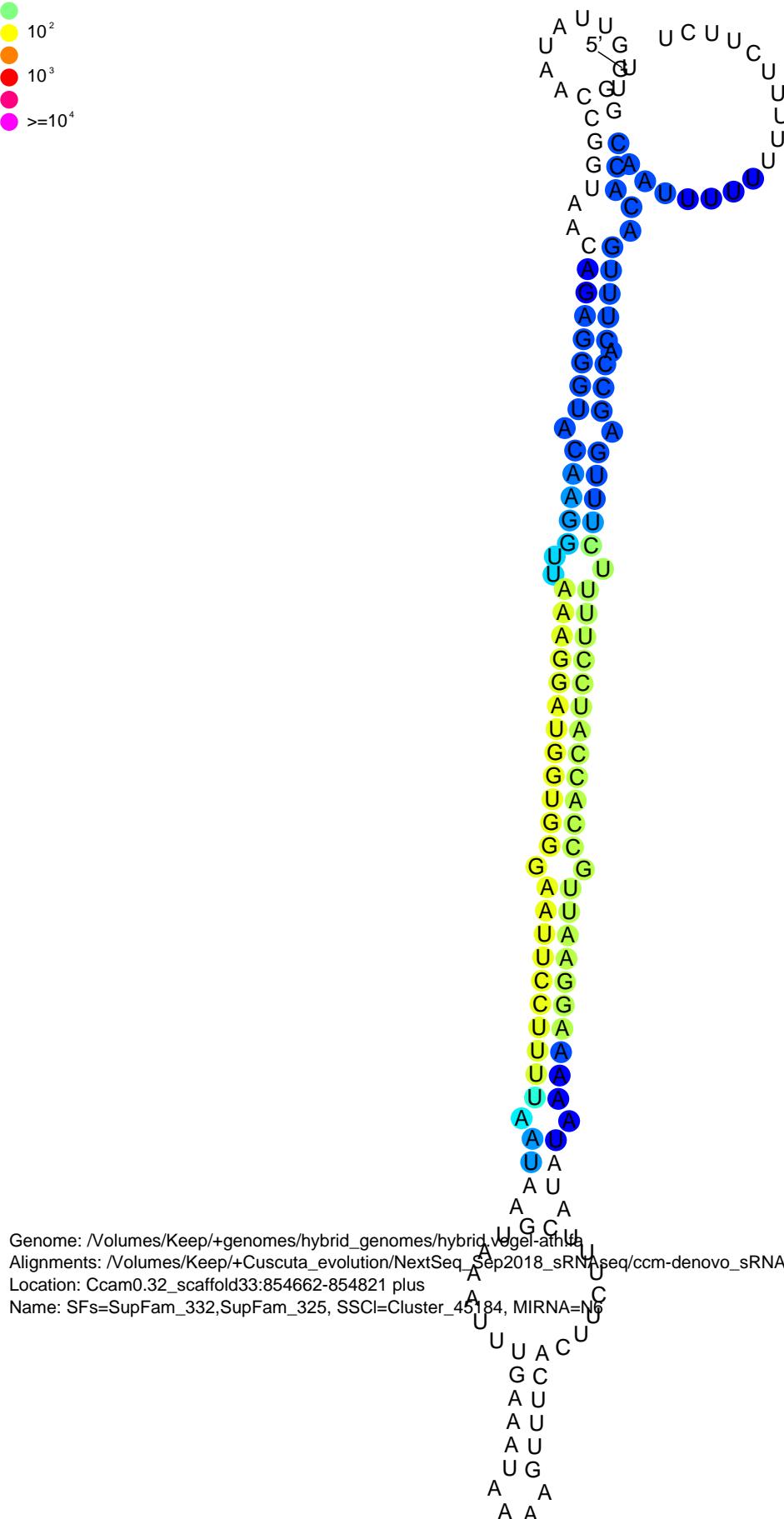
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold33:808975-809132 plus

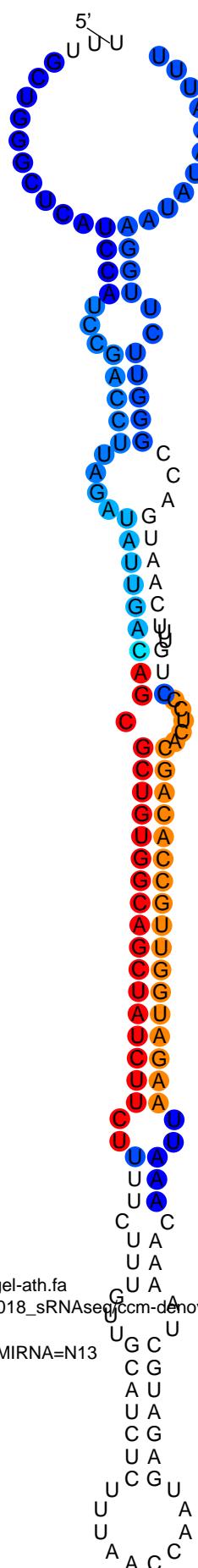
Name: SFs=SupFam_274,SupFam_20, SSCL=Cluster_45163, MIRNA=No

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

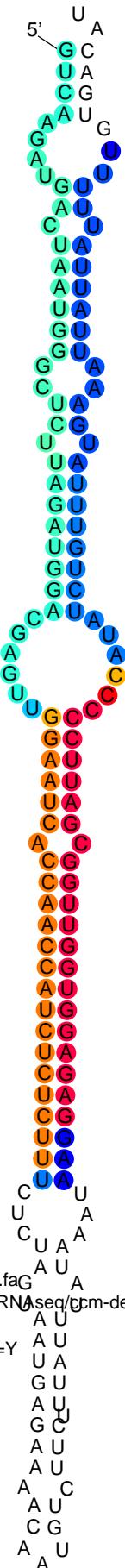
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/CCM_Anno/sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold35:1296572-1296731 minus

Name: SFs=SupFam_276,SupFam_300, SSCL=Cluster_47276, MIRNA=N13

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

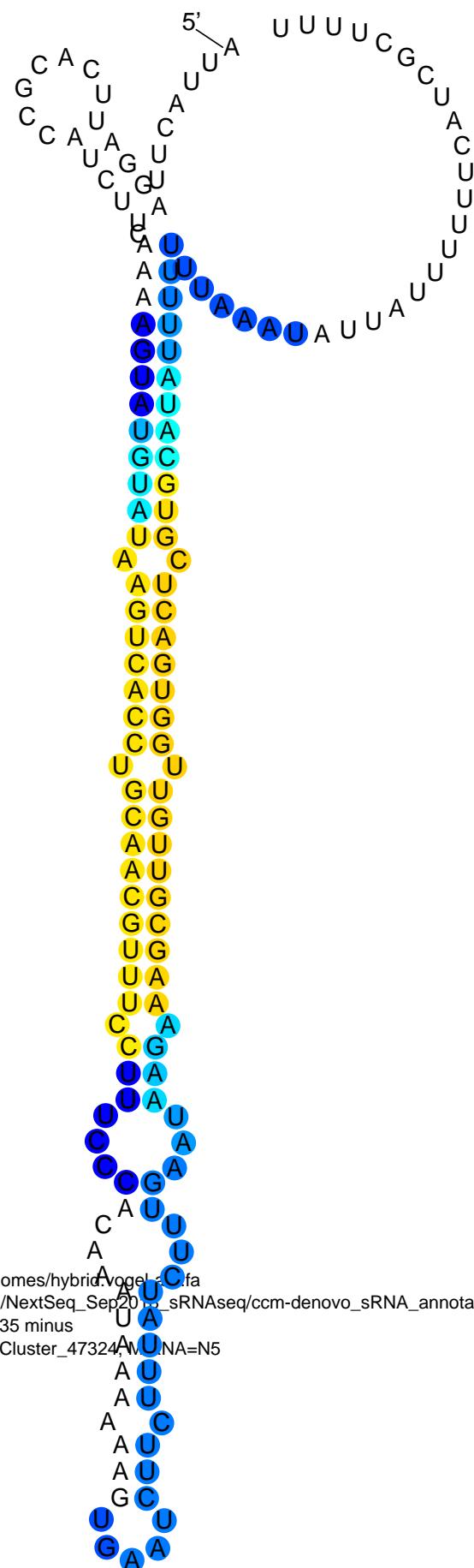
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/tcm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold35:1409403-1409561 minus

Name: SFs=SupFam_306,SupFam_54, SSCL=Cluster_47323, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



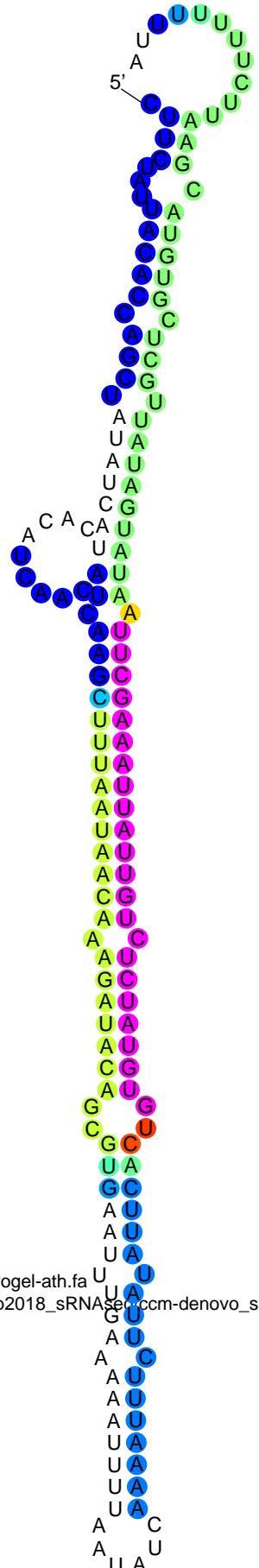
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid_vogel_fafa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep_2012_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold35:1410278-1410435 minus

Name: SFs=SupFam_313,SupFam_315, SSCL=Cluster_47324, MUNA=N5

Depth of Coverage

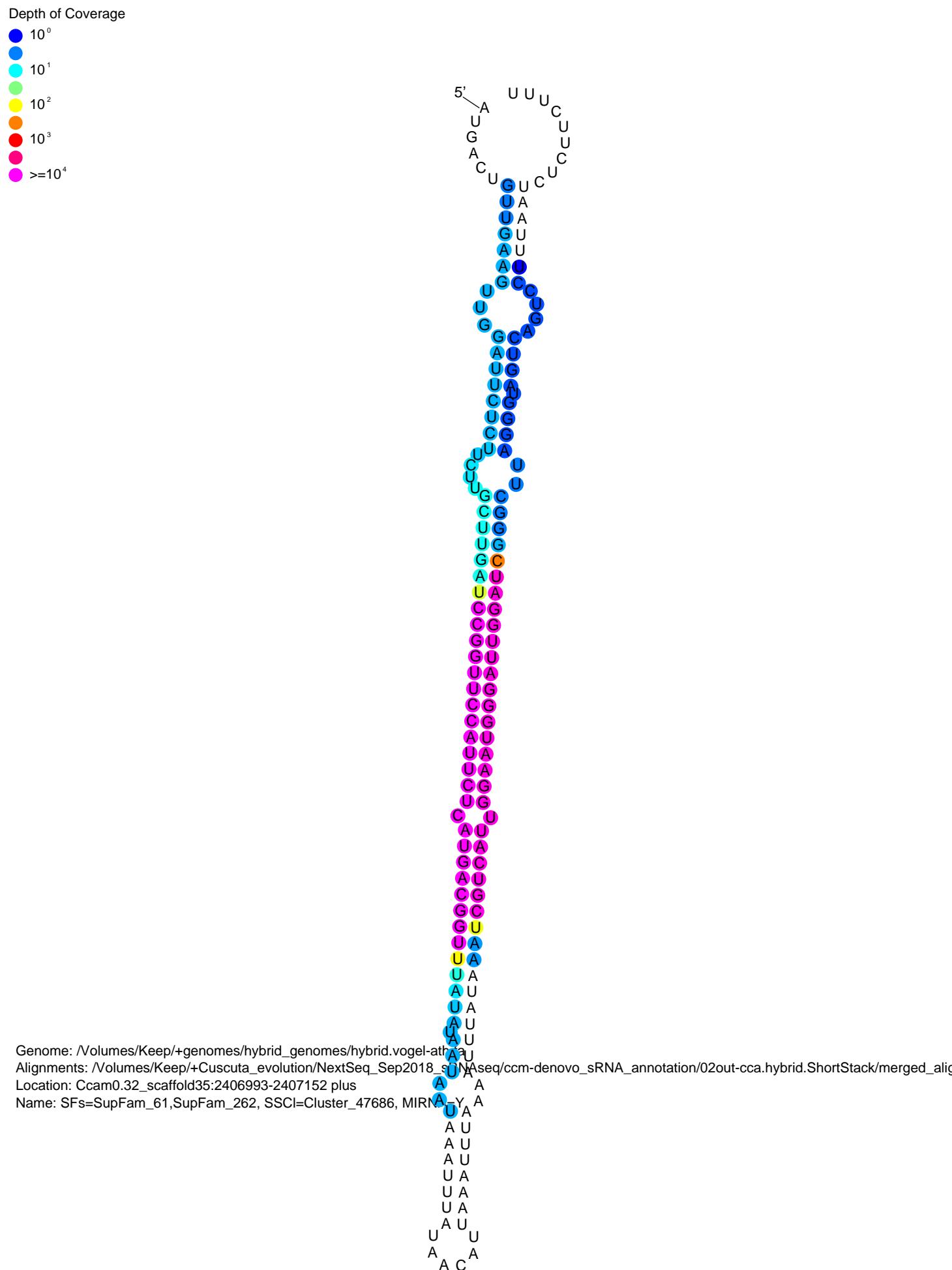


Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

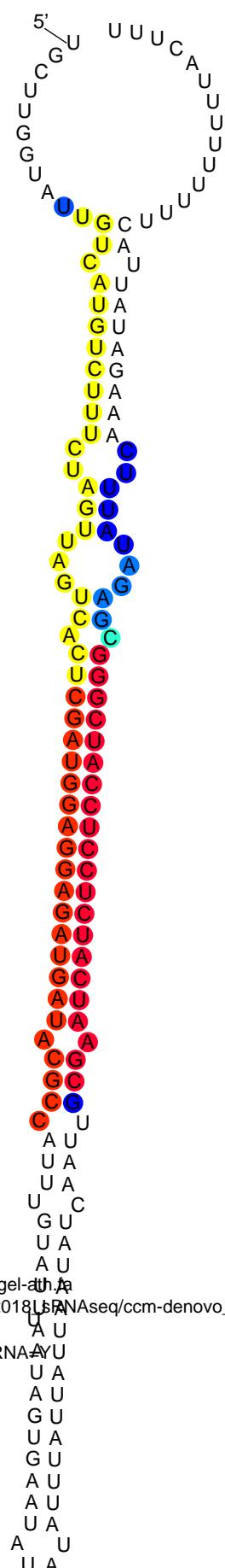
Location: Ccam0.32_scaffold35:2284637-2284797 minus

Name: SFs=SupFam_63, SSCI=Cluster_47637, MIRNA=N5



Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-tha

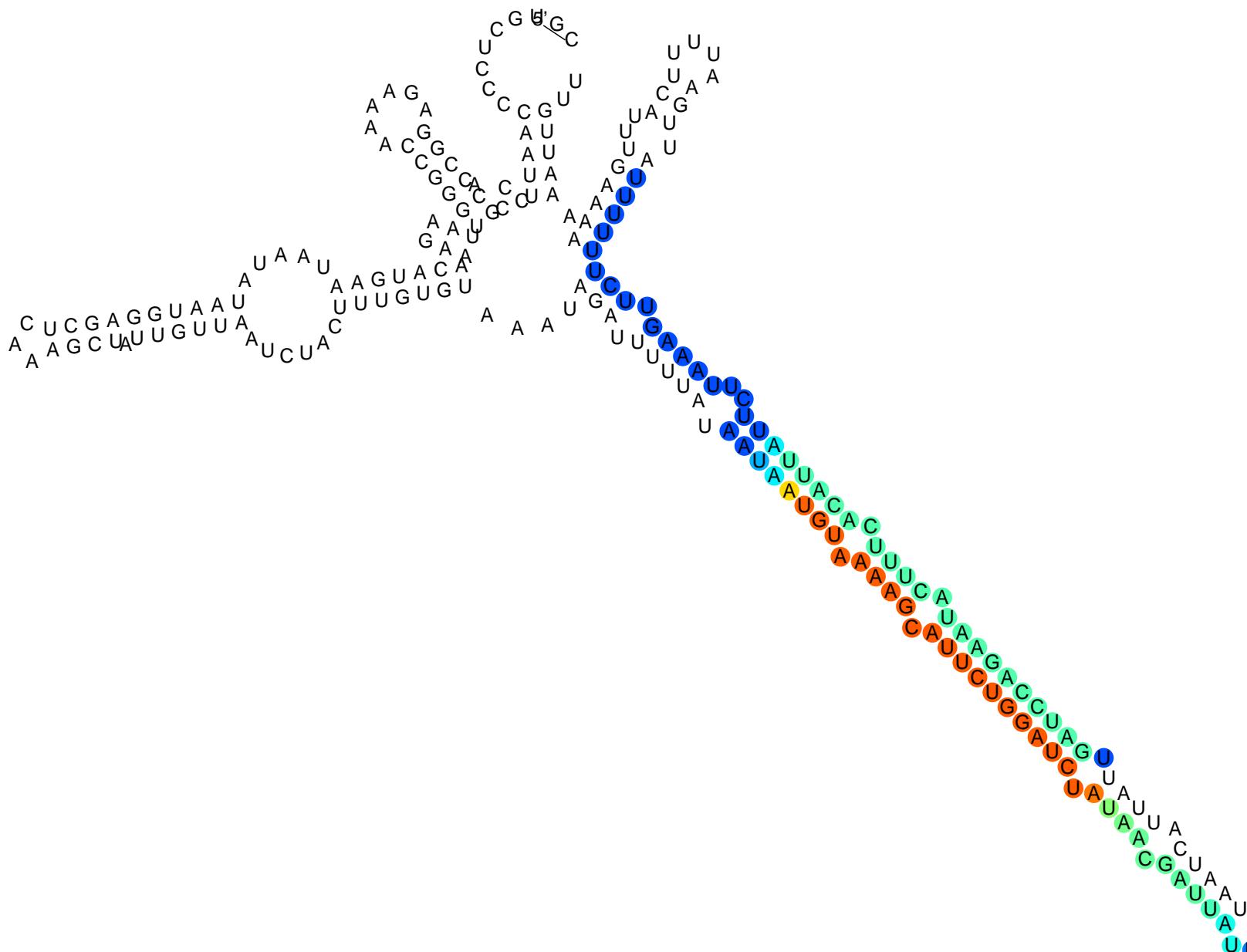
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018LRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold35:2993697-2993854 plus

Name: SFs=SupFam_7,SupFam_53, SSCI=Cluster_47945, MIRNA=AYU

U A
A U
G U
U A
G U
A U
A U
U A
A U
U A

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold40:502244-502485 plus

Name: SFs=SupFam_196, SSCI=Cluster_52374, MIRNA=Y

Depth of Coverage

10⁰

10¹

10²

10³

10⁴

>=10⁴



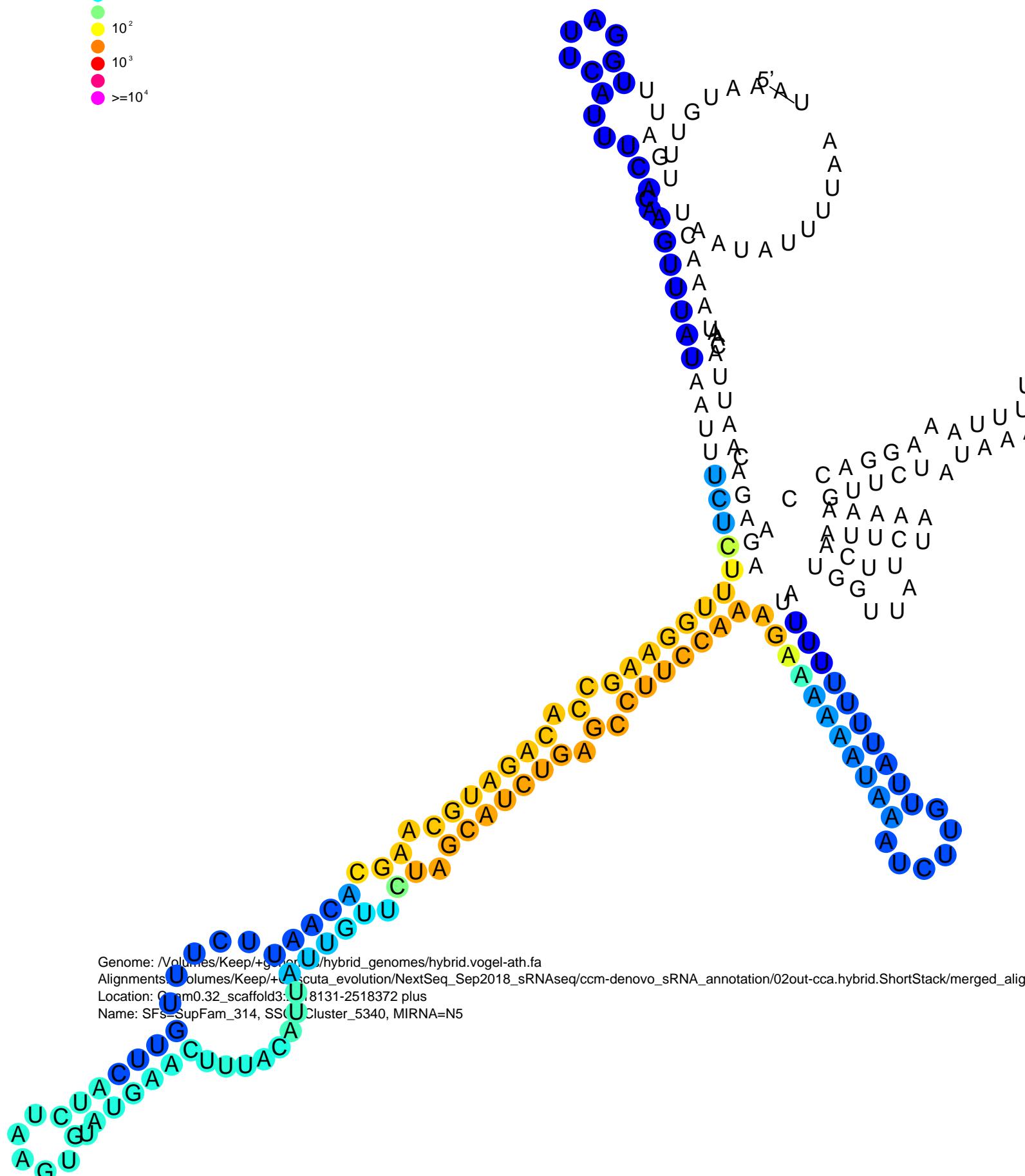
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/020_Ubрид.ShortStack/merged_align

Location: Ccam0.32_scaffold3:2511706-2511947 plus

Name: SFs=SupFam_304, SSCI=Cluster_5337, MIRNA=N5

Depth of Coverage



Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

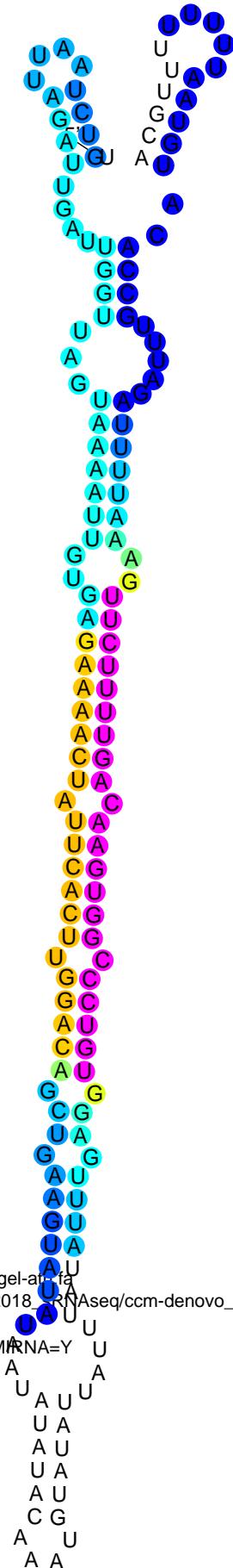
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Location: Ccam0.32_scaffold41:1115117-1115274 minus

Name: SFs=SupFam_129,SupFam_140, SSCL=Cluster_53524, MIRNA=NC

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



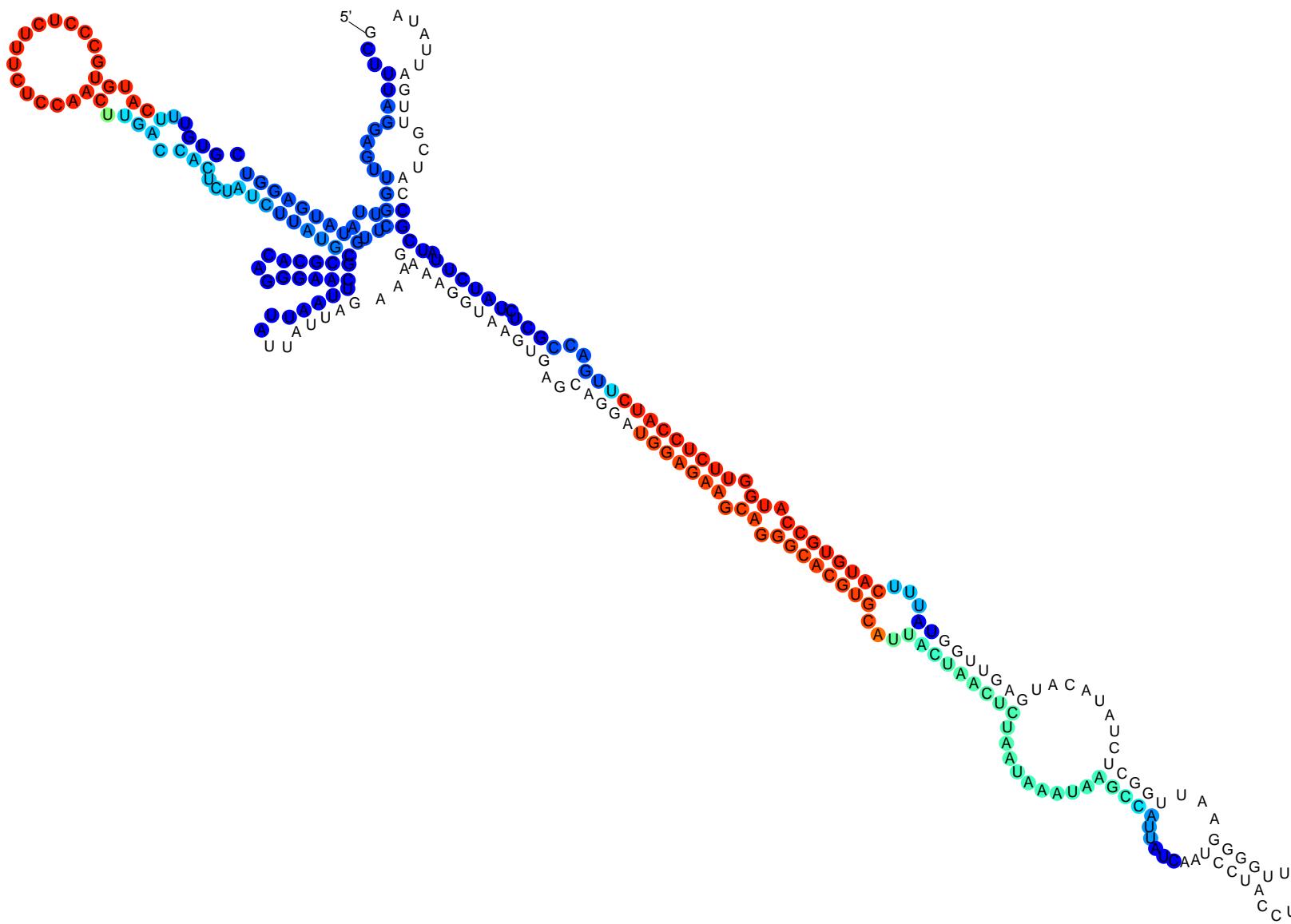
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_RNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold43:501225-501383 plus

Name: SFs=SupFam_62,SupFam_335, SSCL=Cluster_55081, MRNA=Y

Depth of Coverage



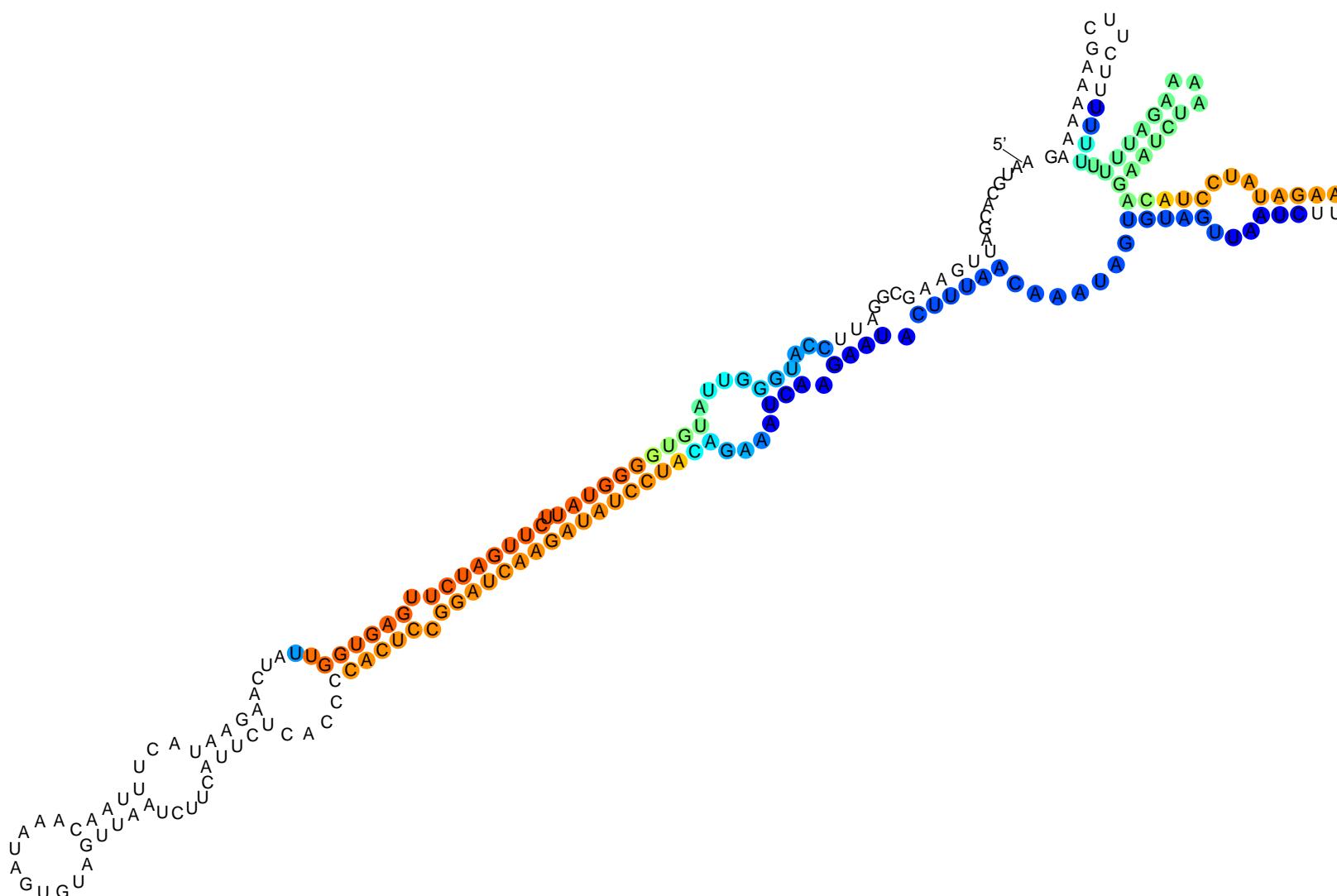
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold44:569410-569710 minus

Name: SFs=SupFam_2, SSCL=Cluster_56048, MIRNA=N5

Depth of Coverage



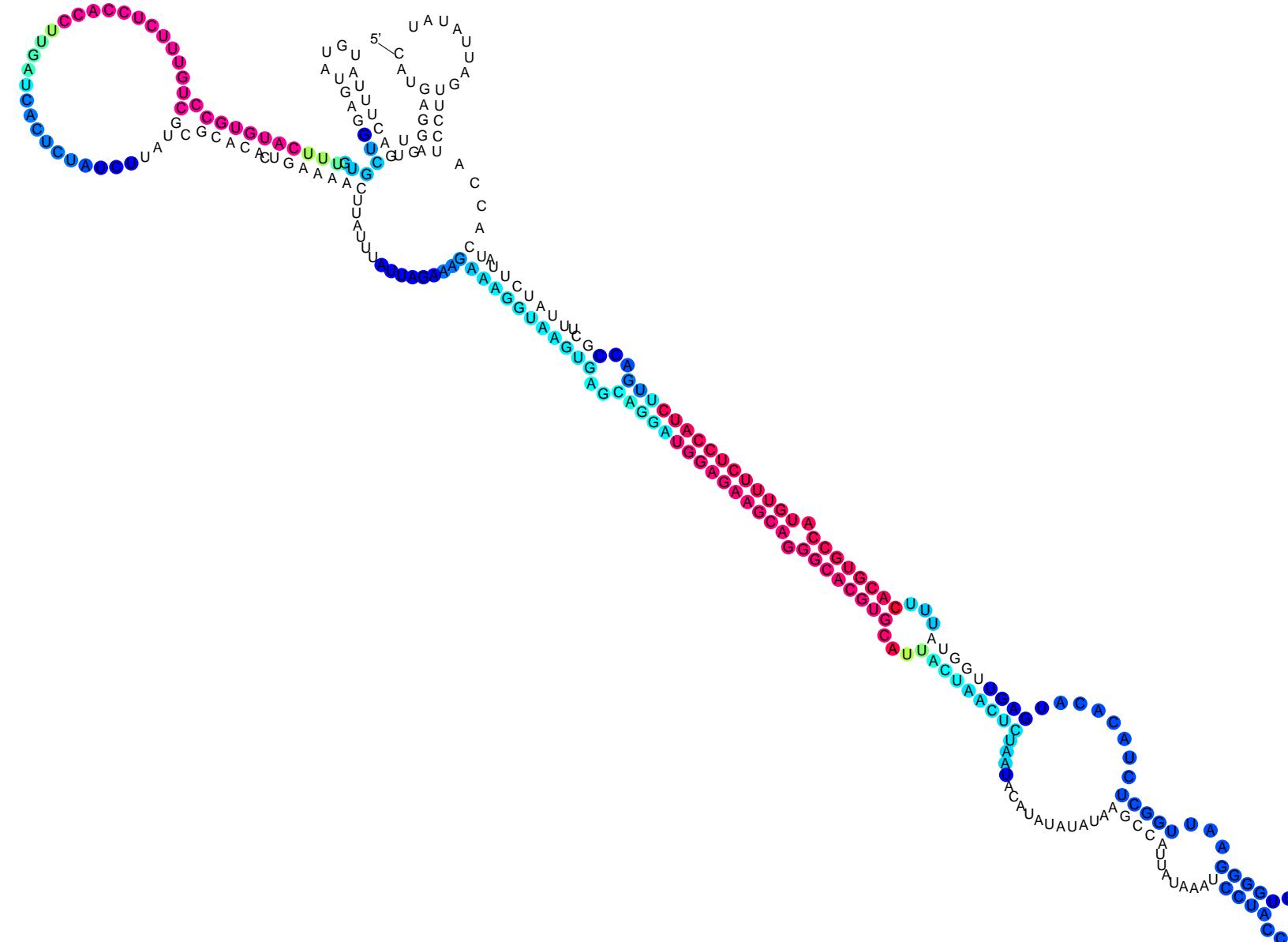
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold45:405815-406052 plus

Name: SFs=SupFam_771,SupFam_295, SSCL=Cluster_57731, MIRNA=N5

Depth of Coverage



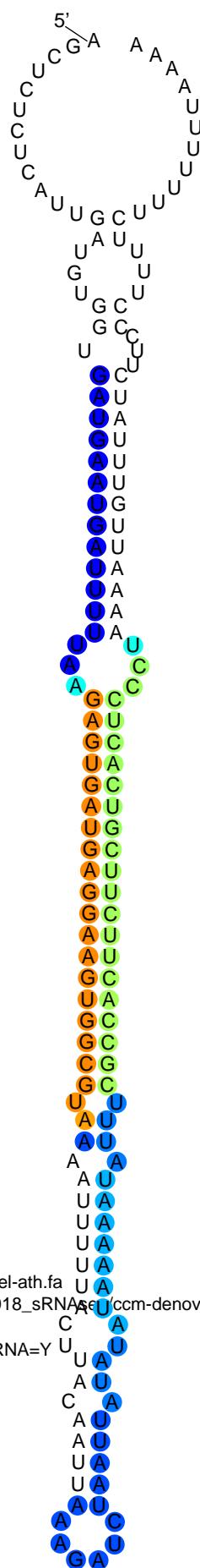
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold48:1350608-1350911 plus

Name: SFs=SupFam_2, SSCL=Cluster_60345, MIRNA=N5

Depth of Coverage



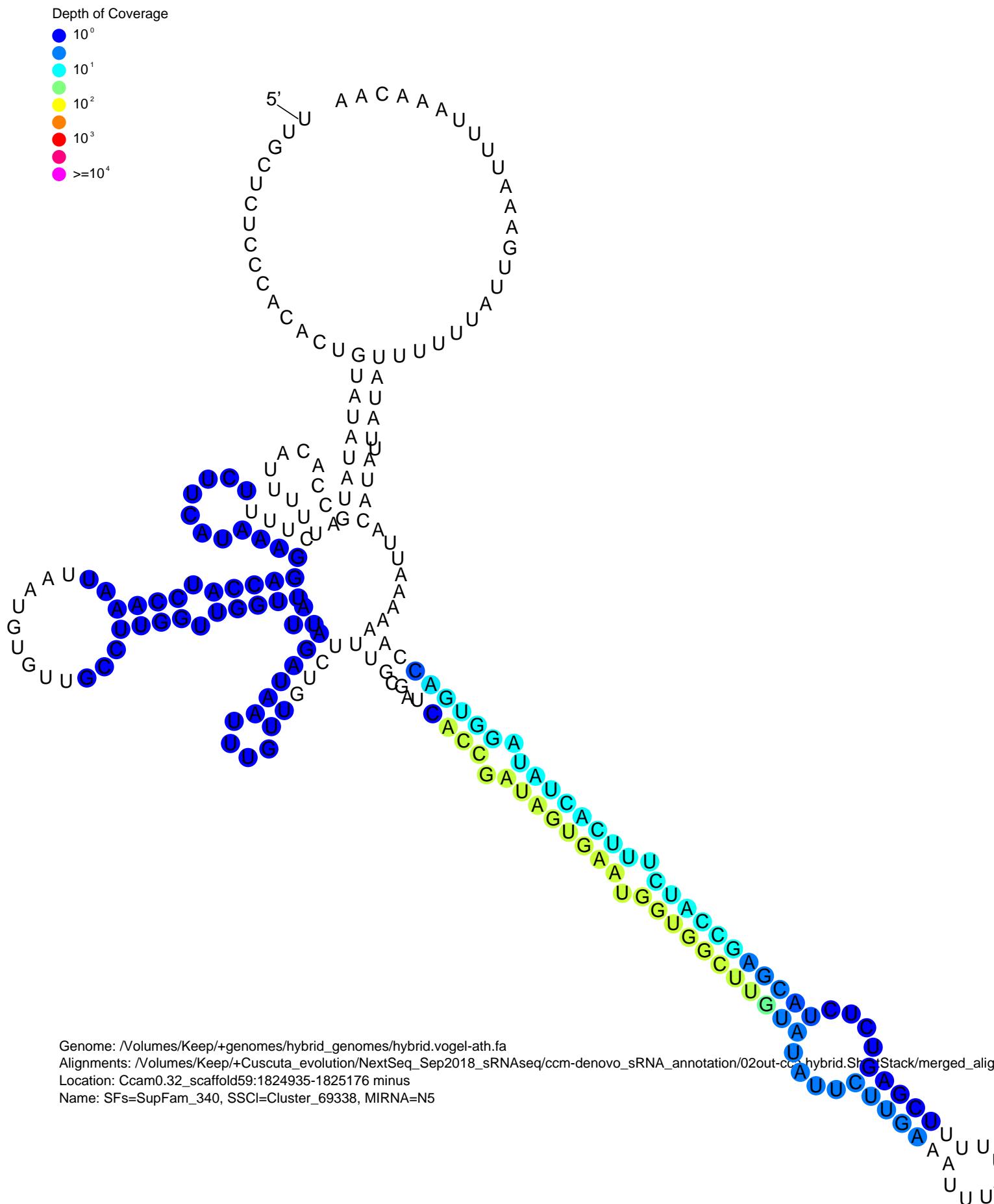
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA

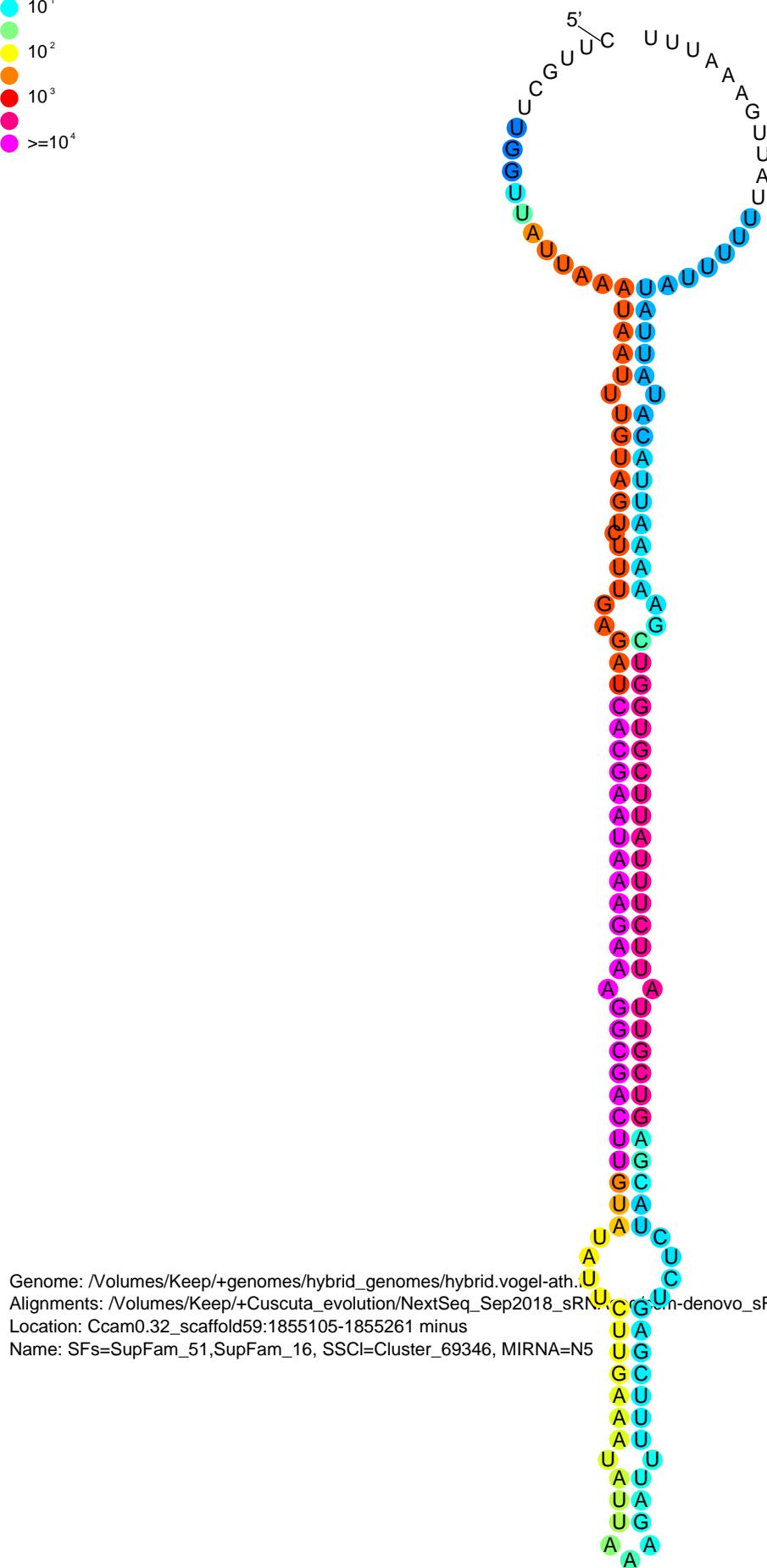
Location: Ccam0.32_scaffold57:48095-48253 minus

Name: SFs=SupFam_73,SupFam_12, SSCI=Cluster_67362, MIRNA=Y

ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

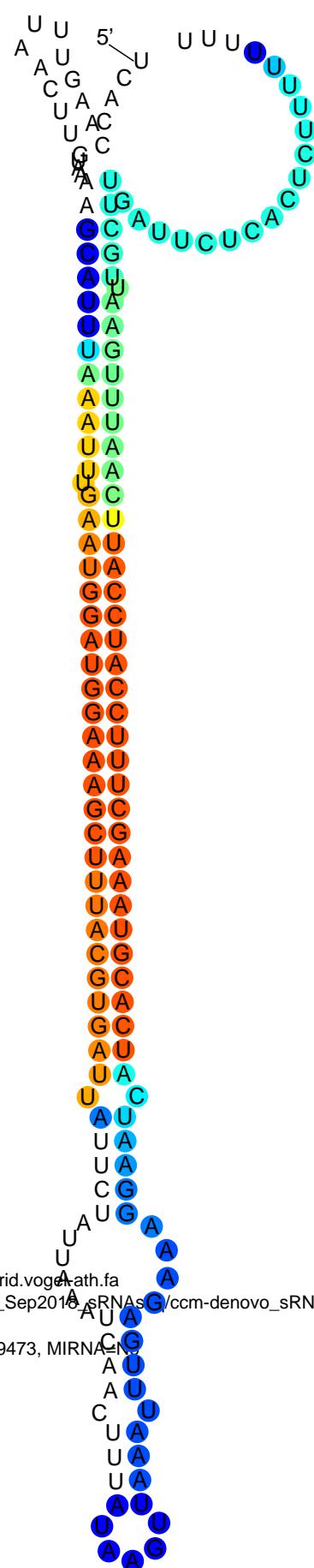


Depth of Coverage



Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogelath.fa

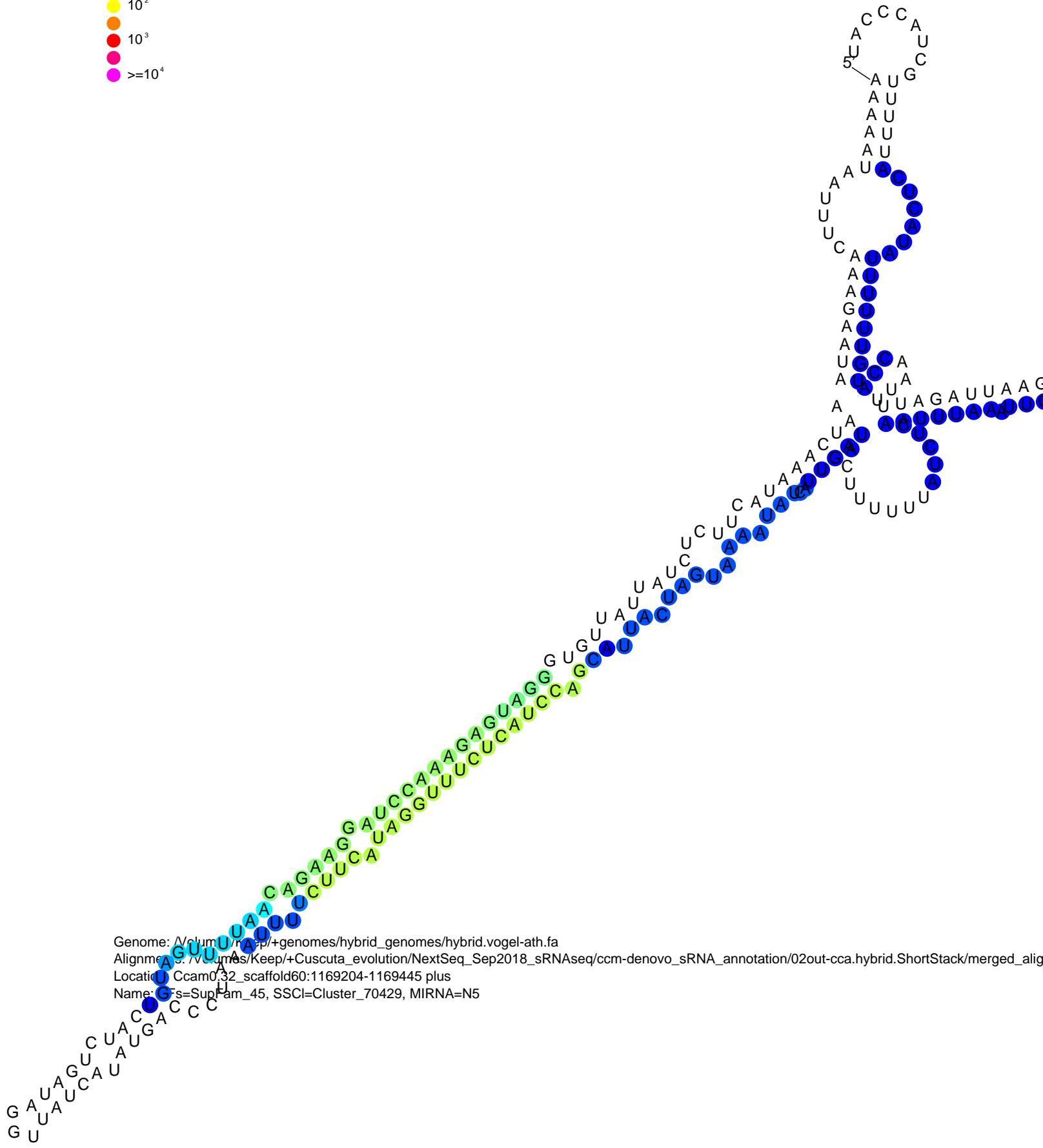
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018/sRNAs/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold59:2237115-2237276 minus

Name: SFs=SupFam_311,SupFam_281, SSCL=Cluster_69473, MIRNA=

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

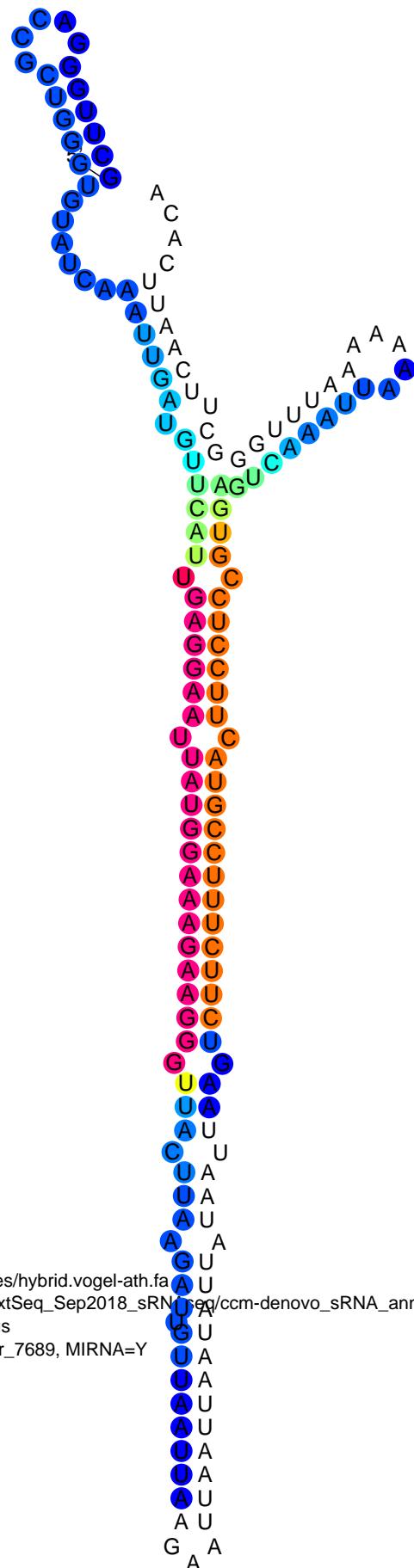
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs/dh-cddh-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold5:103937-104093 minus

Name: SFs=SupFam_137,SupFam_341, SSCL=Cluster_7679, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

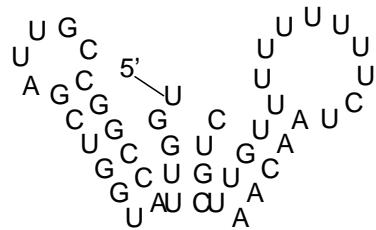
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Location: Ccam0.32_scaffold5:130394-130554 minus

Name: SFs=SupFam_265,SupFam_3, SSCI=Cluster_7689, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



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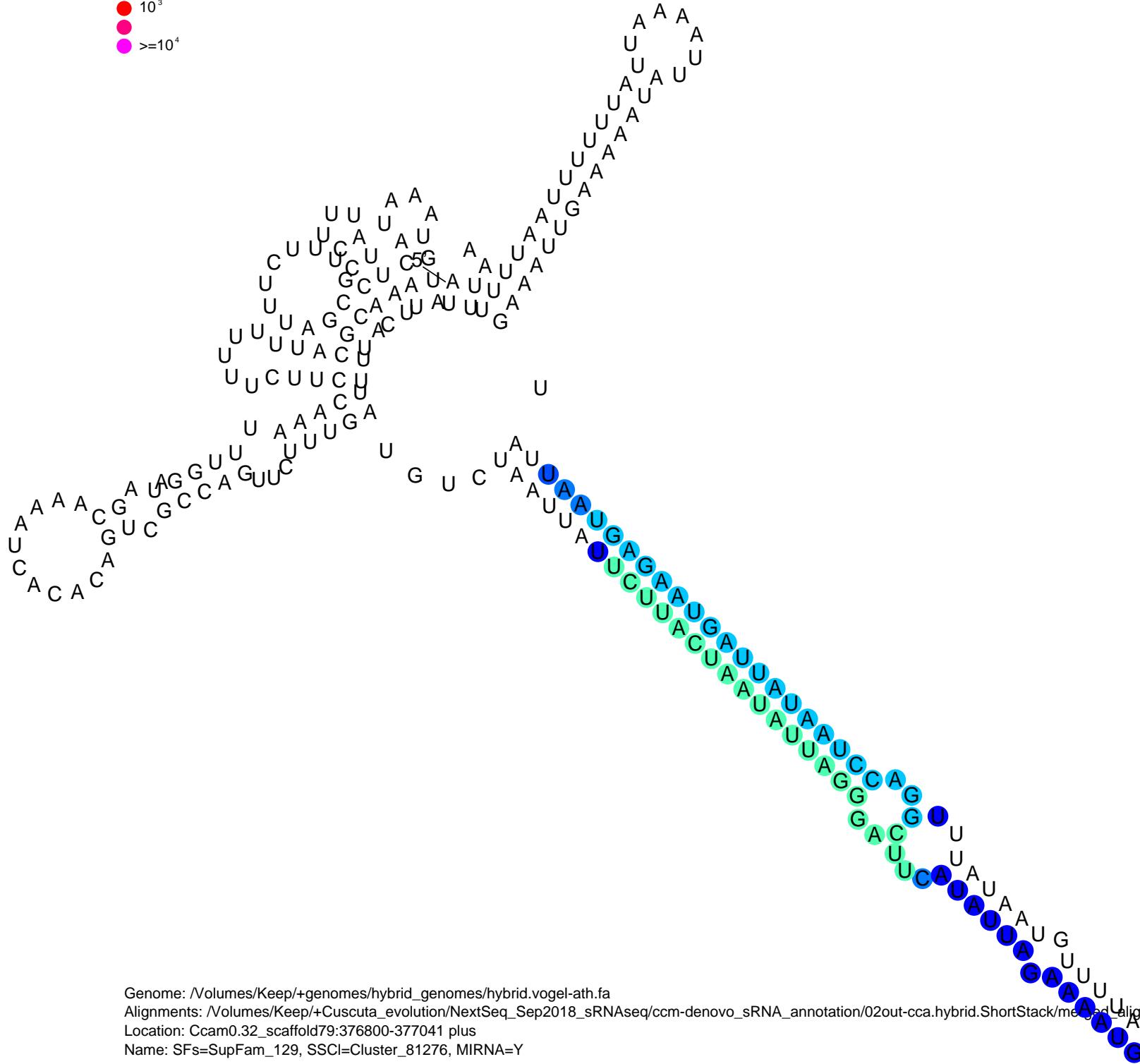
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Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $>=10^4$



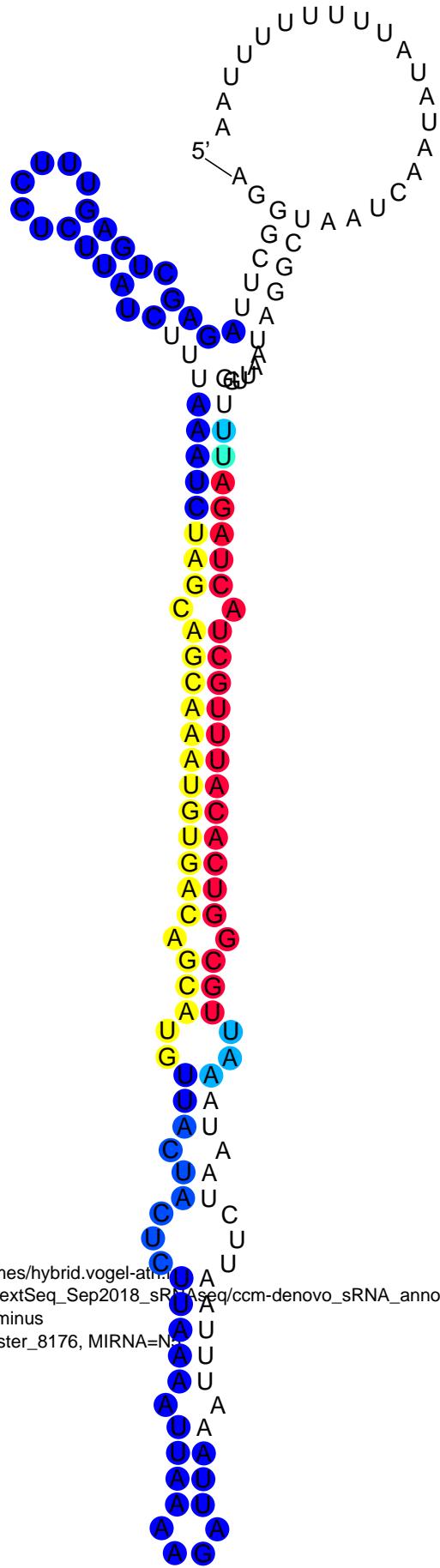
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/meջed_aliq

Location: Ccam0.32_scaffold79:376800-377041 plus

Name: SFs=SupFam_129, SSCI=Cluster_81276, MIRNA=Y

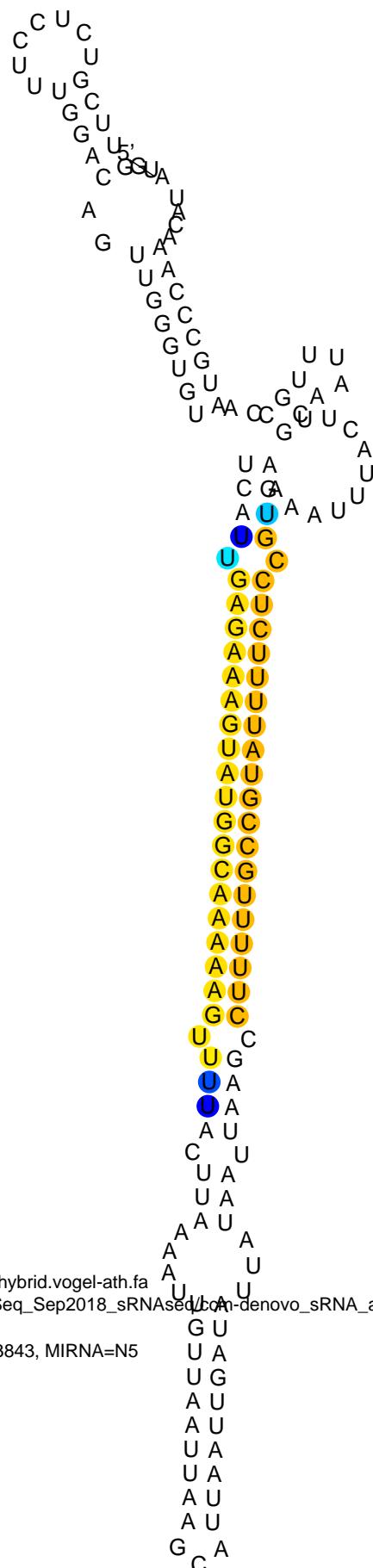
Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath...
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
Location: Ccam0.32_scaffold5:1425606-1425764 minus
Name: SFs=SupFam_133,SupFam_66, SSCL=Cluster_8176, MIRNA=N

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



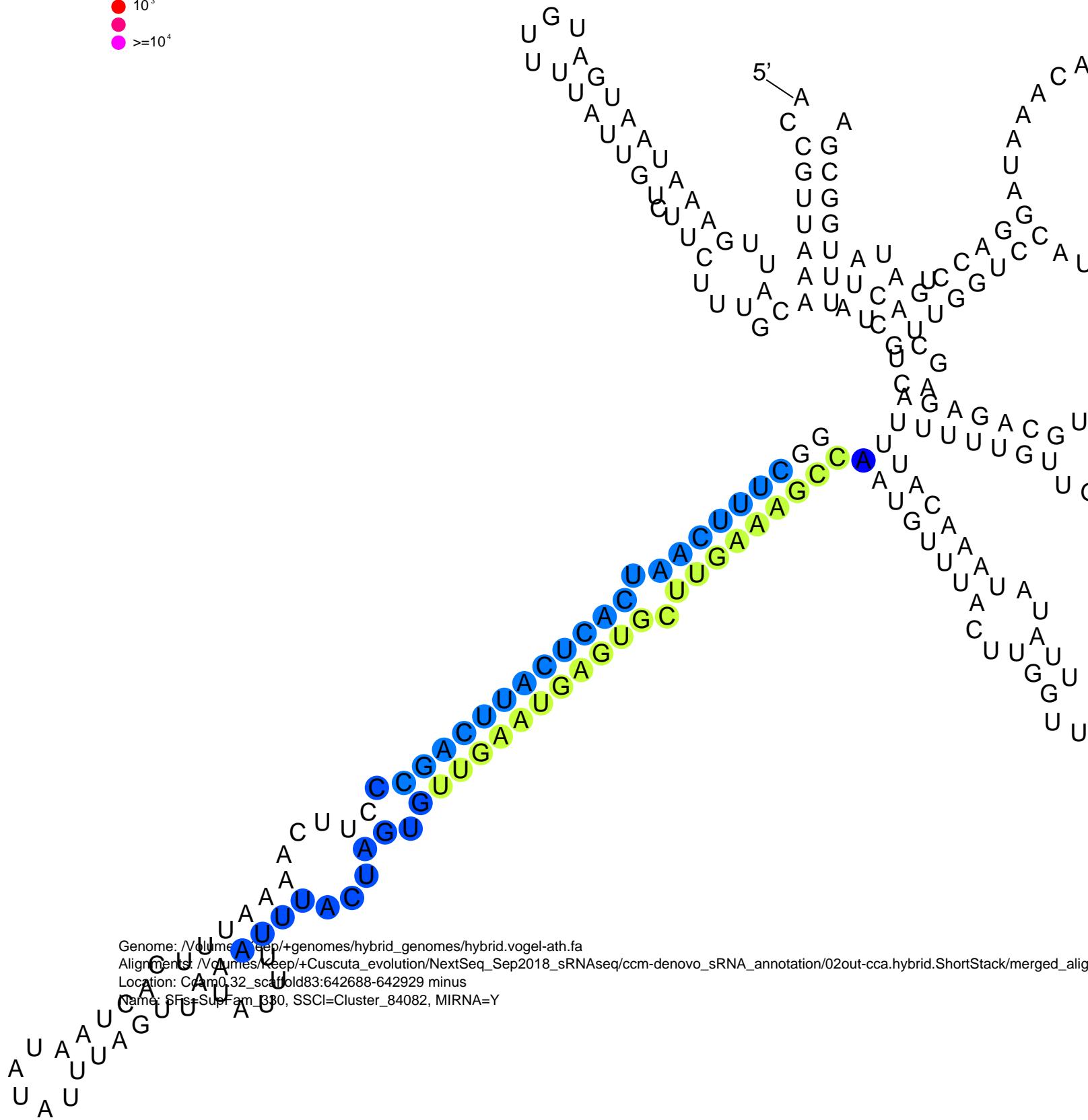
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAsed/An-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold83:65925-66083 plus

Name: SFs=SupFam_3,SupFam_22, SSCI=Cluster_83843, MIRNA=N5

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccm032_scaffold83:642688-642929 minus

Name: SFs-SupFam_B30, SSCI=Cluster_84082, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

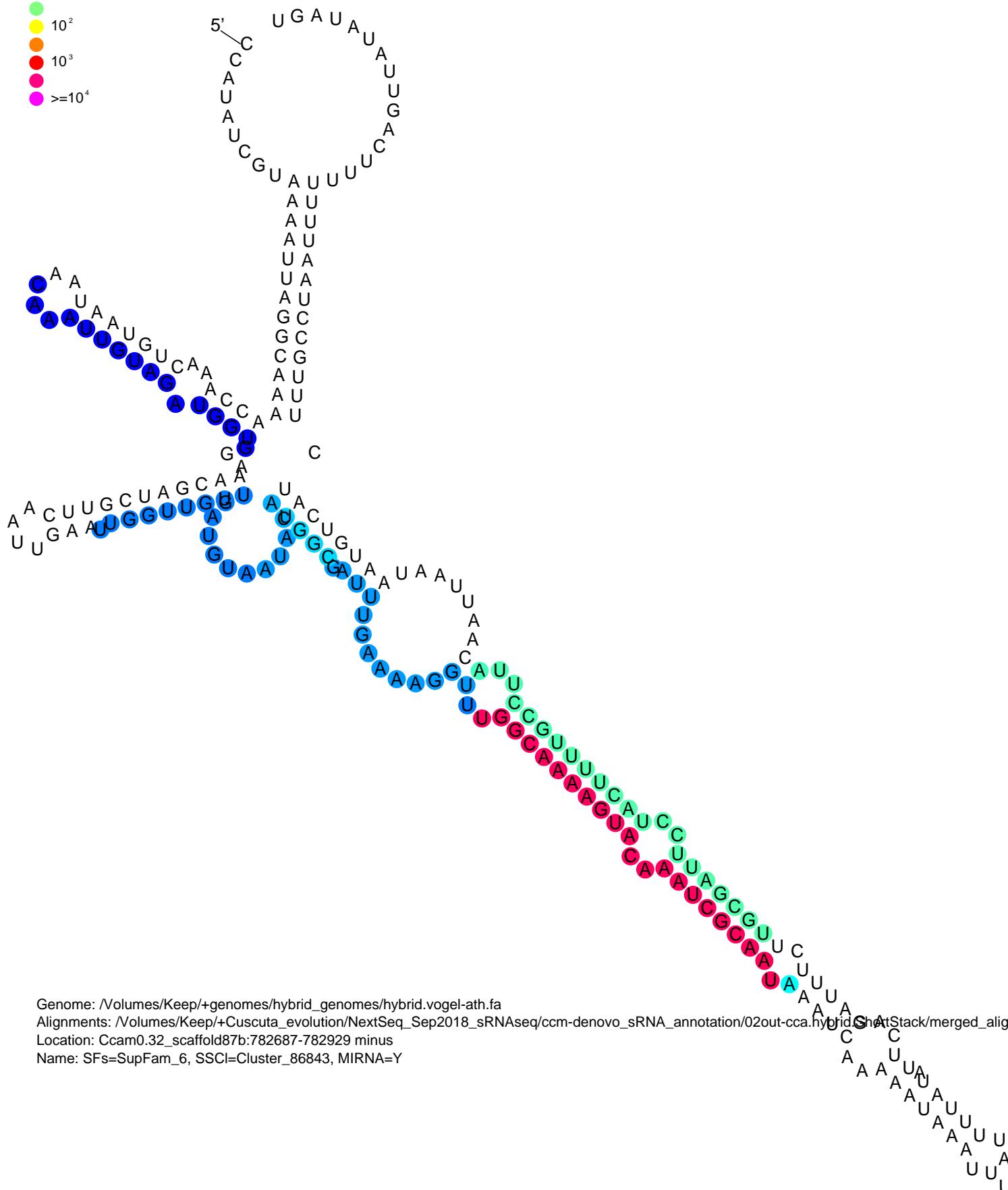
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Location: Ccam0.32_scaffold87b:766643-766801 minus

Name: SFs=SupFam_50,SupFam_6, SSCI=Cluster_86832, MIRNA=N5

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

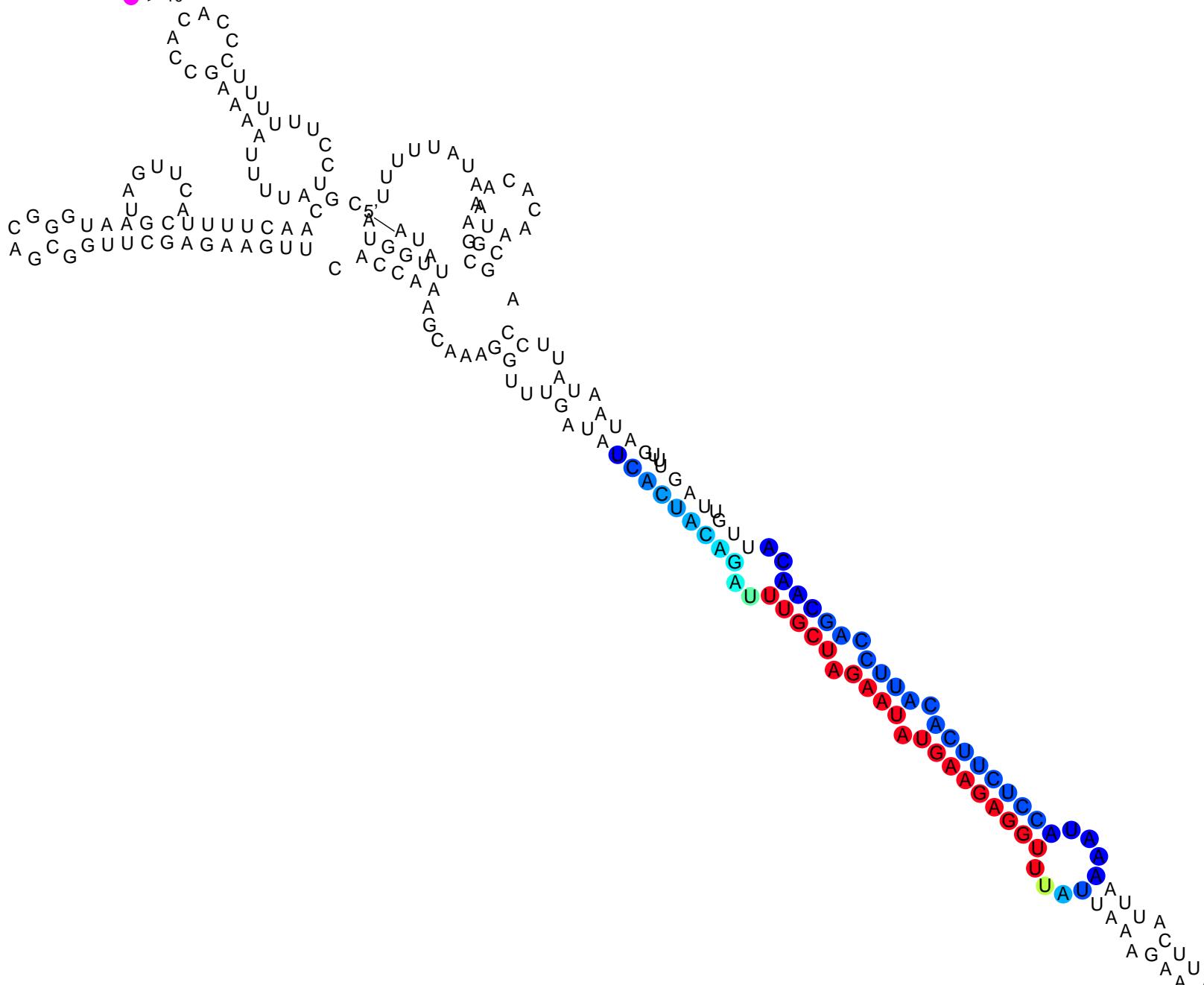
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Location: Ccam0.32_scaffold87b:782687-782929 minus

Name: SFs=SupFam_6, SSCL=Cluster_86843, MIRNA=Y

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$

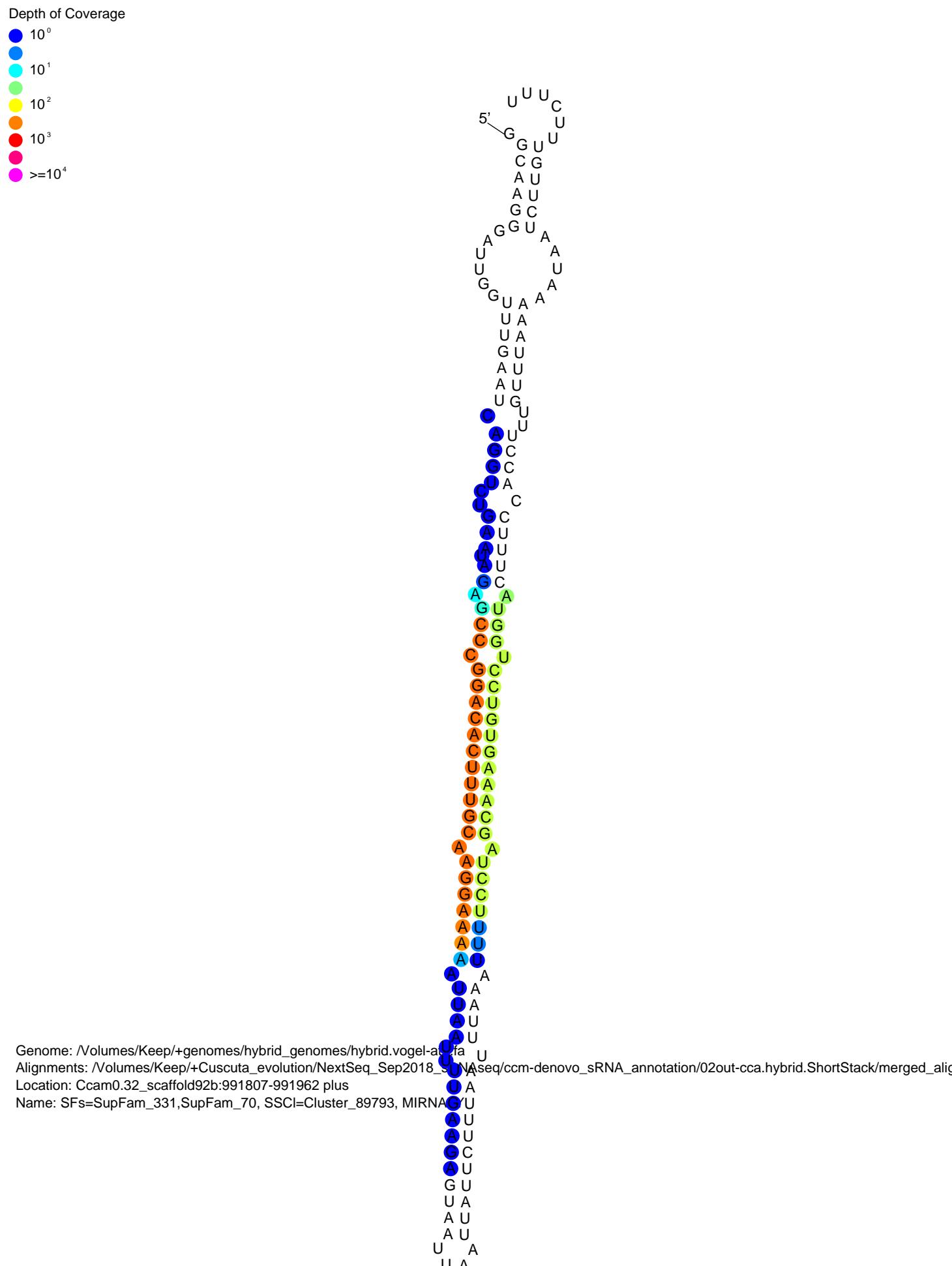


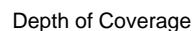
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold90:995497-995738 plus

Name: SFs=SupFam_273, SSCI=Cluster_88686, MIRNA=N5





Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid_vogel-ath.fai

Alignments: /Volumes/Keep/+Cucusat_evolution/NextSeq_Sep2018/sRNAsatccm-denovo sRNA_annotation/02out-cca_hybrid.ShortStack/merged_alignment.txt

Location: Ccam0_32 scaffold94:850279-850447 plus

Name: SEs=SupFam_319_SupFam_35_SSCL=Cluster_91307_MIRNA=N5

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- 10^3
- $\geq 10^4$



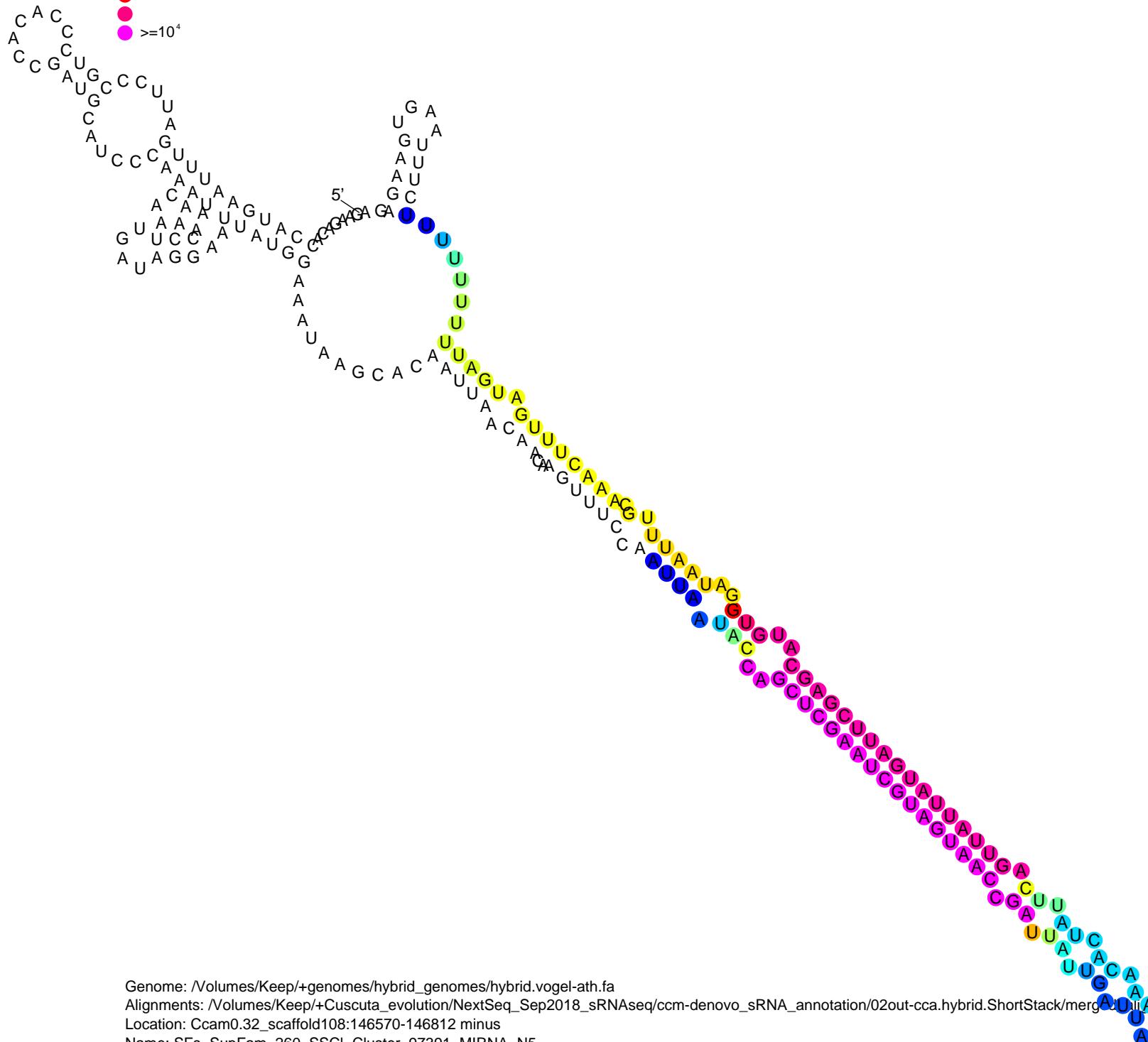
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNase_CCA-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold99:713740-713896 minus

Name: SFs=SupFam_74,SupFam_21, SSCI=Cluster_94036, MIRNA=N5

Depth of Coverage



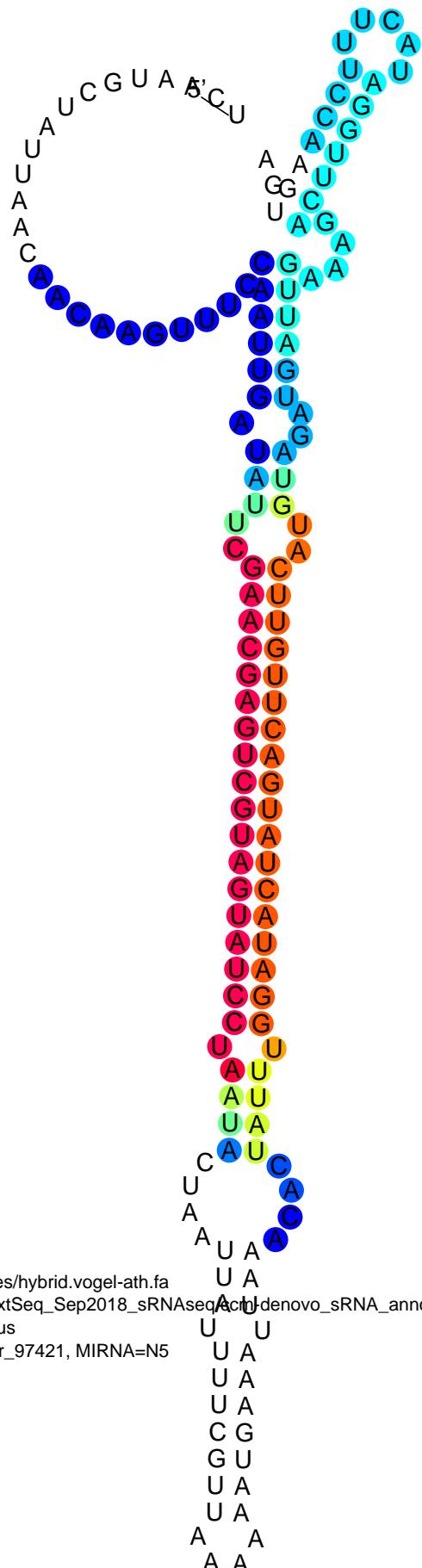
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged

Location: Ccam0.32_scaffold108:146570-146812 minus

Name: SFs=SupFam_260, SSCI=Cluster_97391, MIRNA=N5

Depth of Coverage



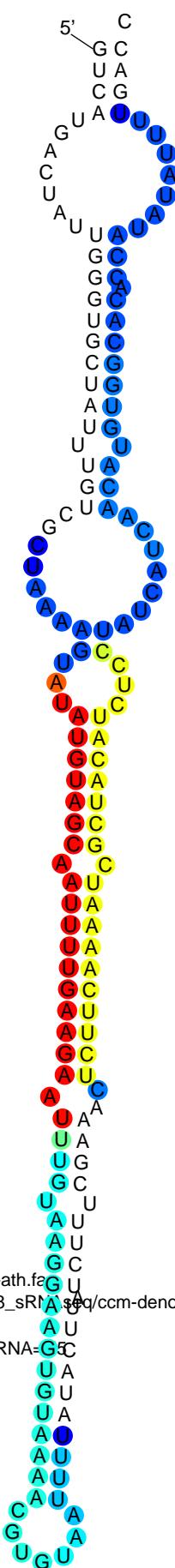
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNAs

Location: Ccam0.32_scaffold108:215737-215890 plus

Name: SFs=SupFam_60,SupFam_18, SSCI=Cluster_97421, MIRNA=N5

Depth of Coverage



Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

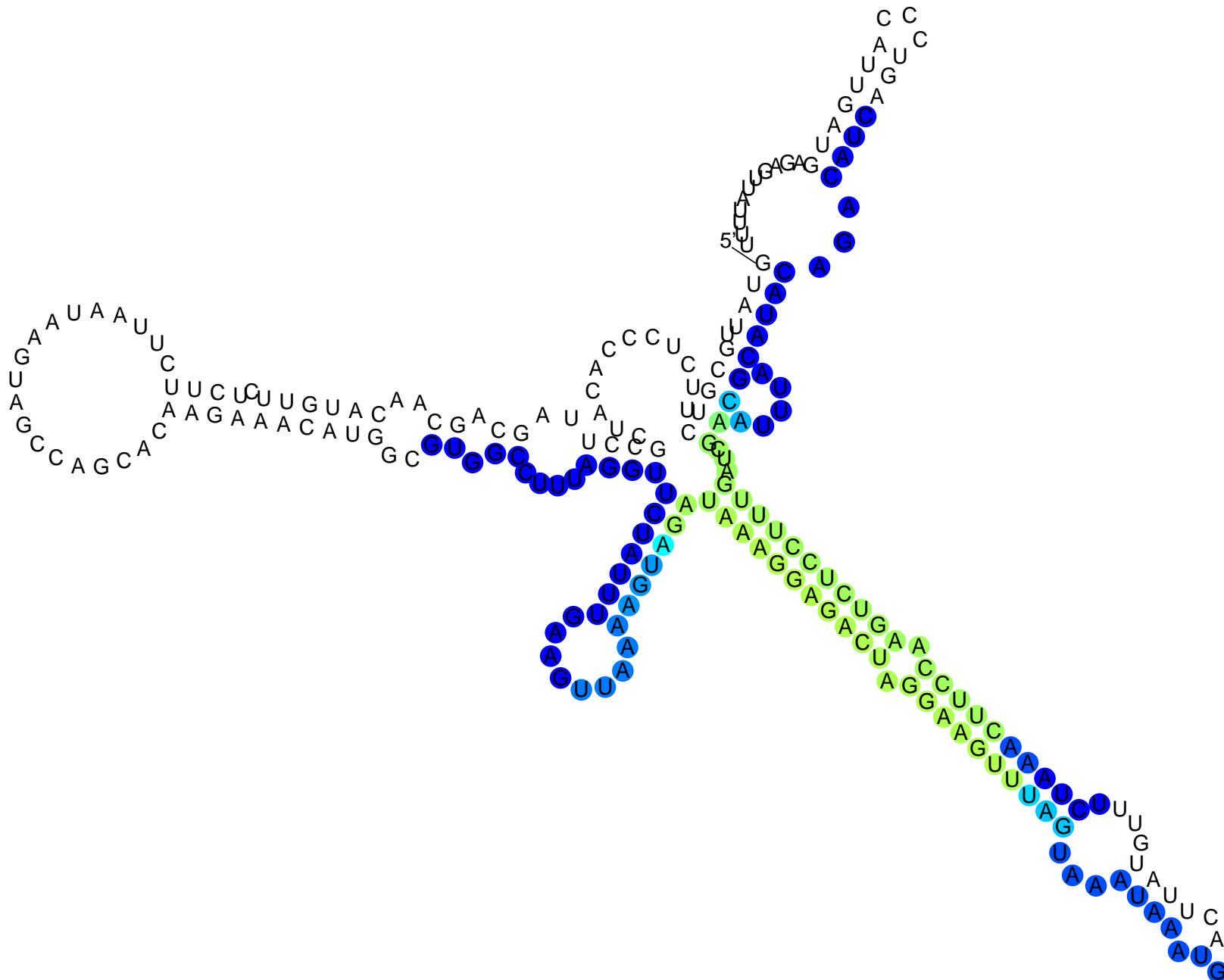
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNA_seq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold110:33478-33638 minus

Name: SFs=SupFam_285,SupFam_328, SSCL=Cluster_98199, MIRNA=CC

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$

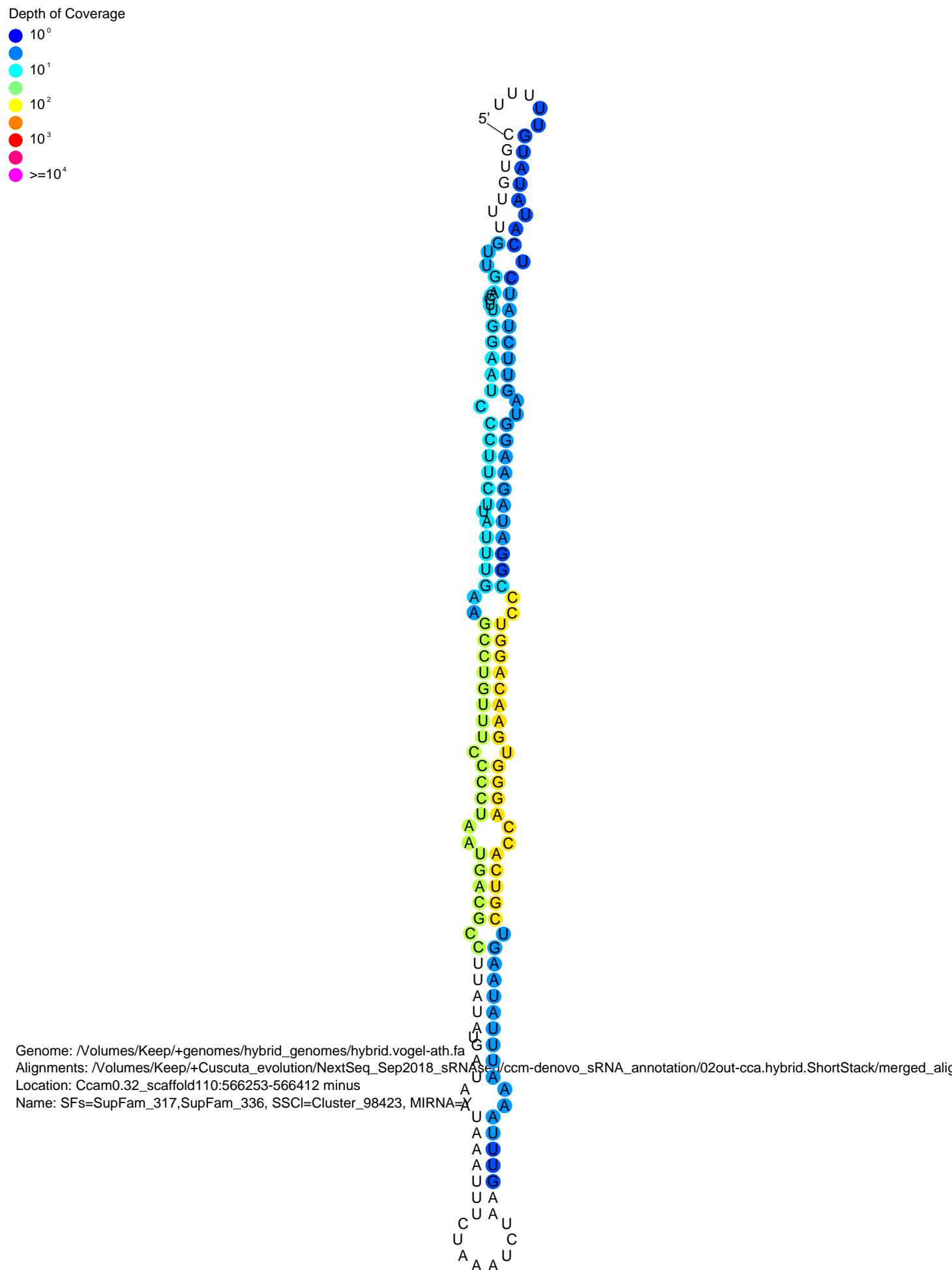


Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

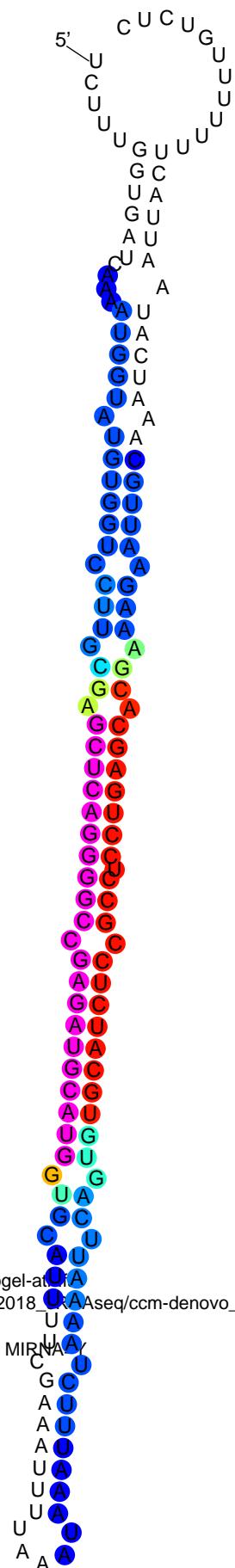
Location: Ccam0.32_scaffold110:66589-66830 plus

Name: SFs=SupFam_339, SSCI=Cluster_98206, MIRNA=N14



Depth of Coverage

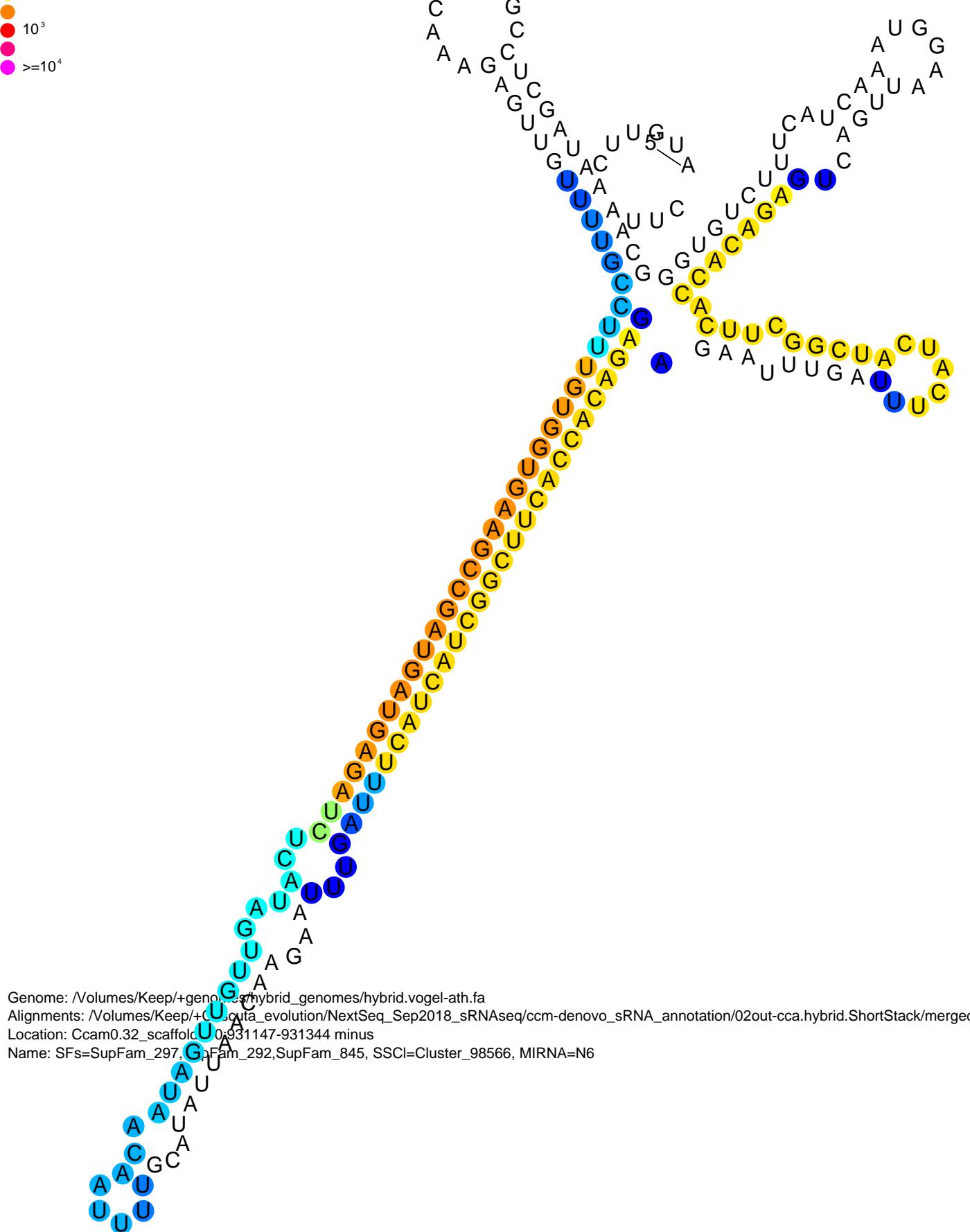
- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



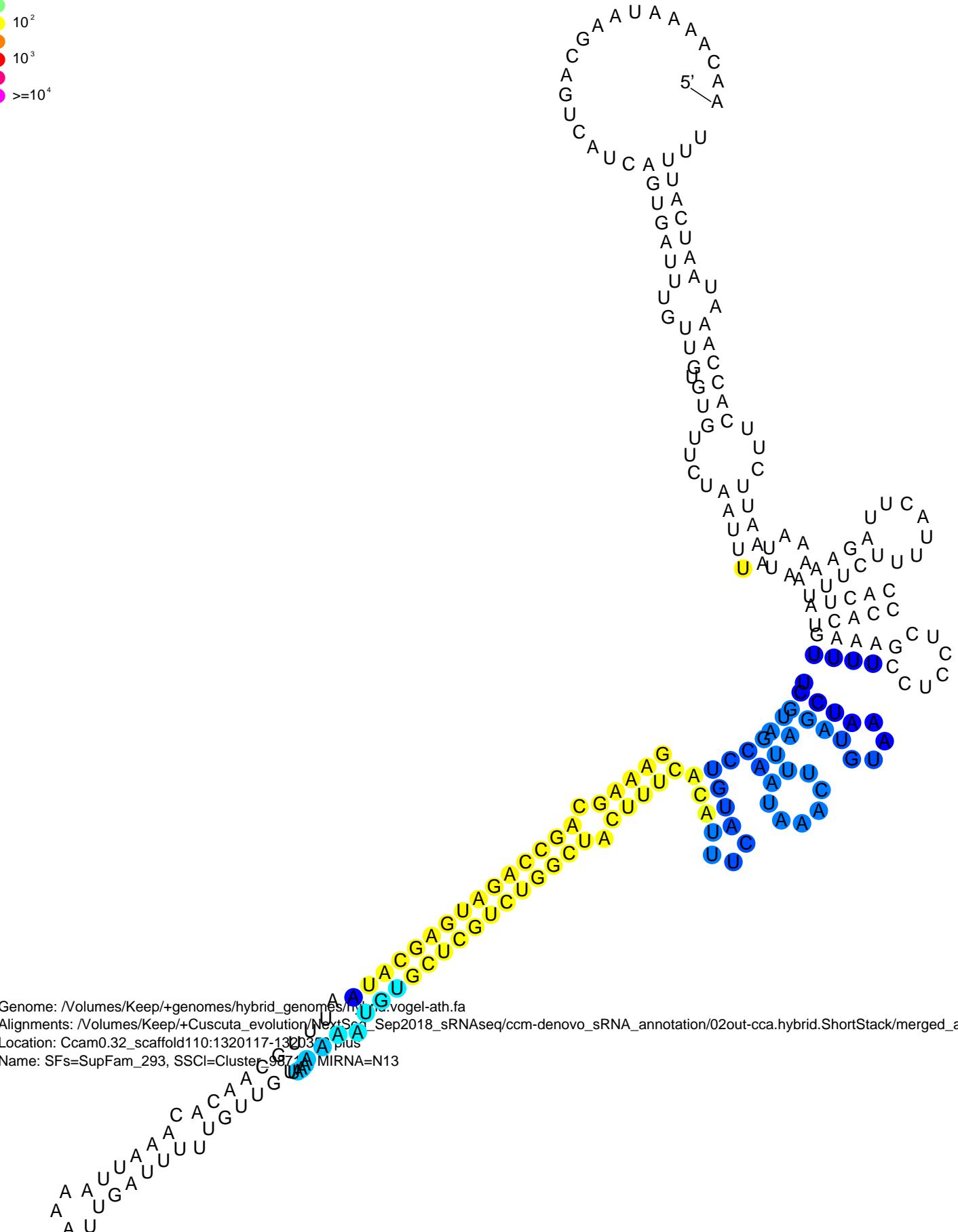
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Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_UAseq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align
Location: Ccam0.32_scaffold110:879129-879283 plus
Name: SFs=SupFam_261,SupFam_282, SSCL=Cluster_98537, MIRNA=/

Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$

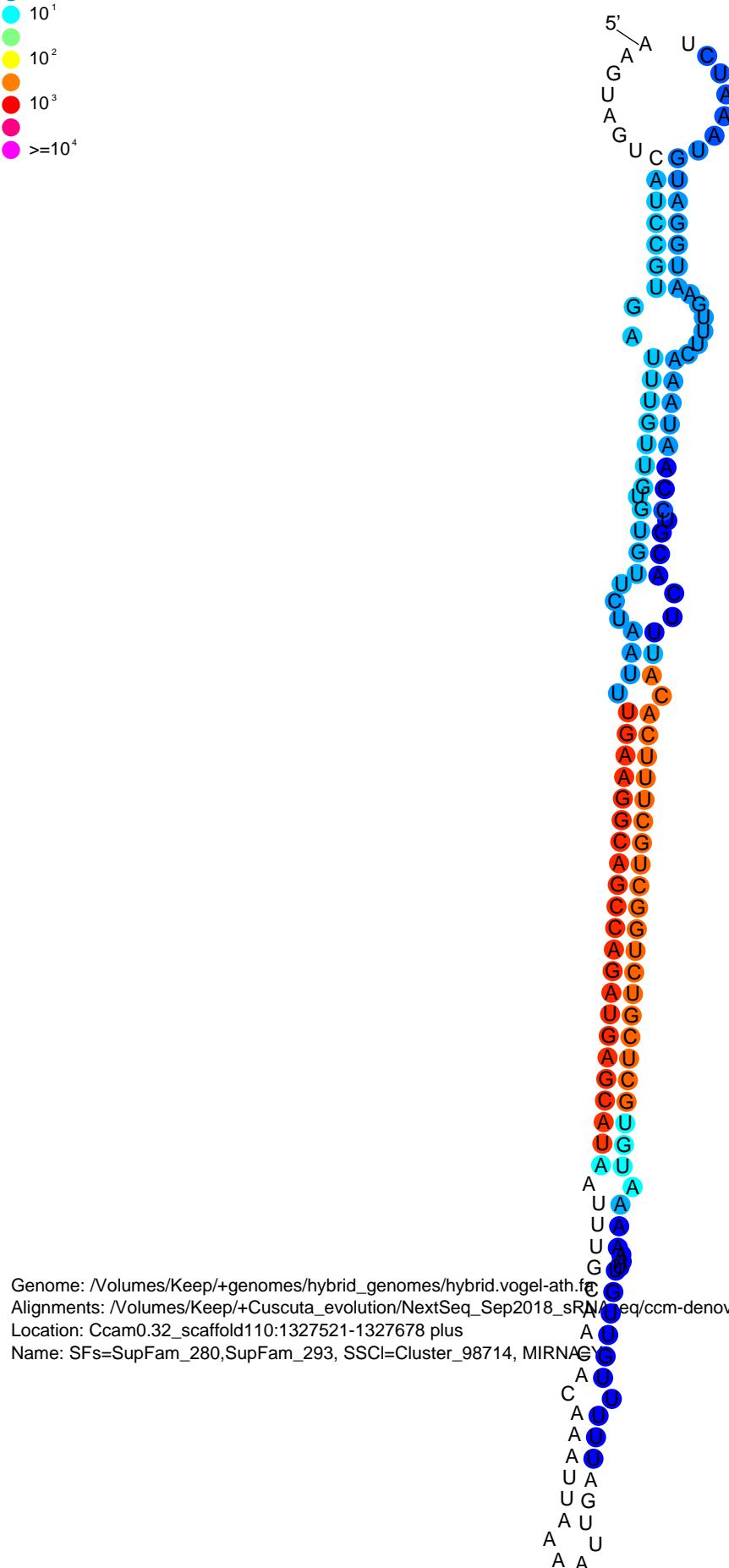


Depth of Coverage

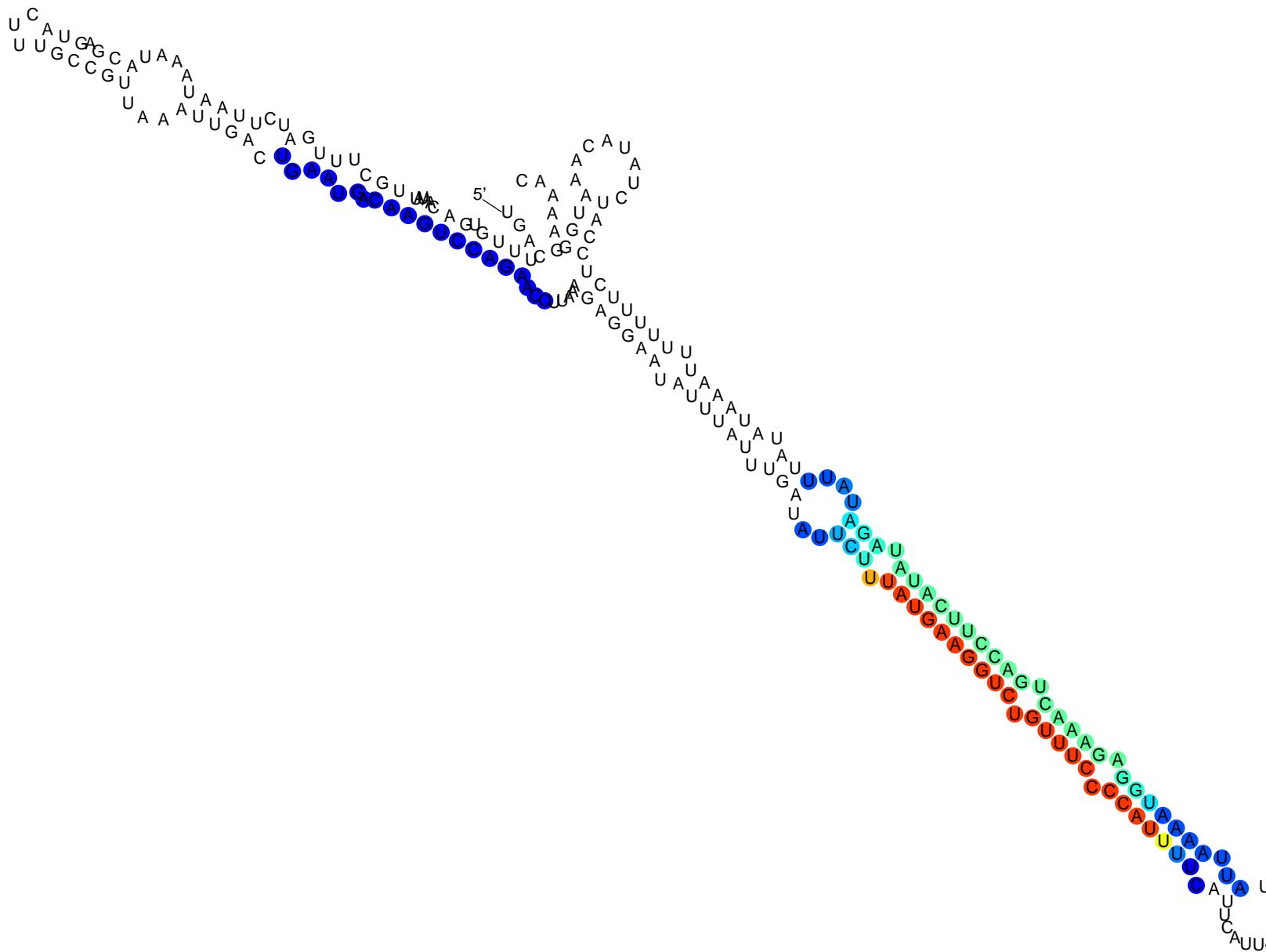


Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$



Depth of Coverage

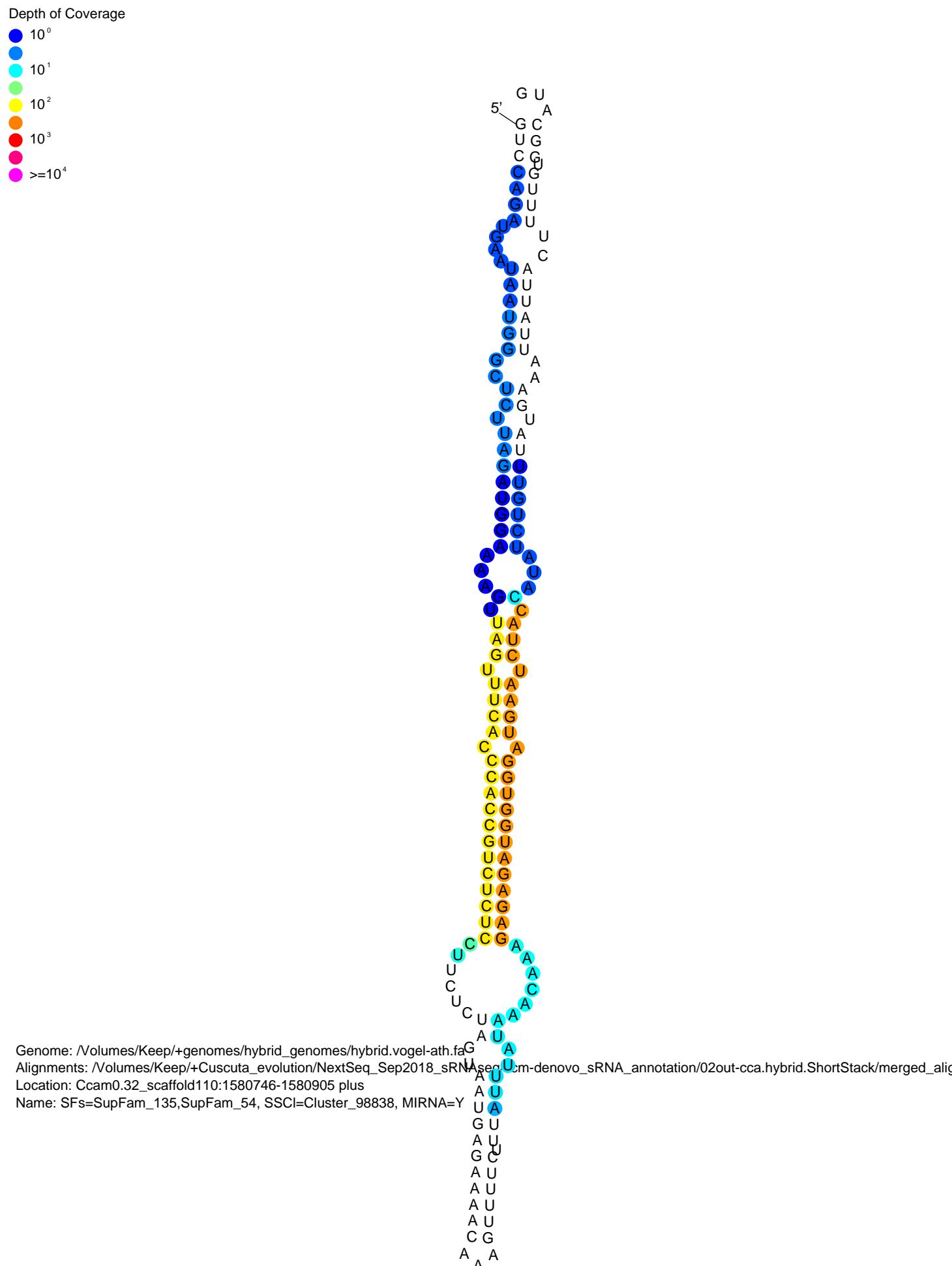


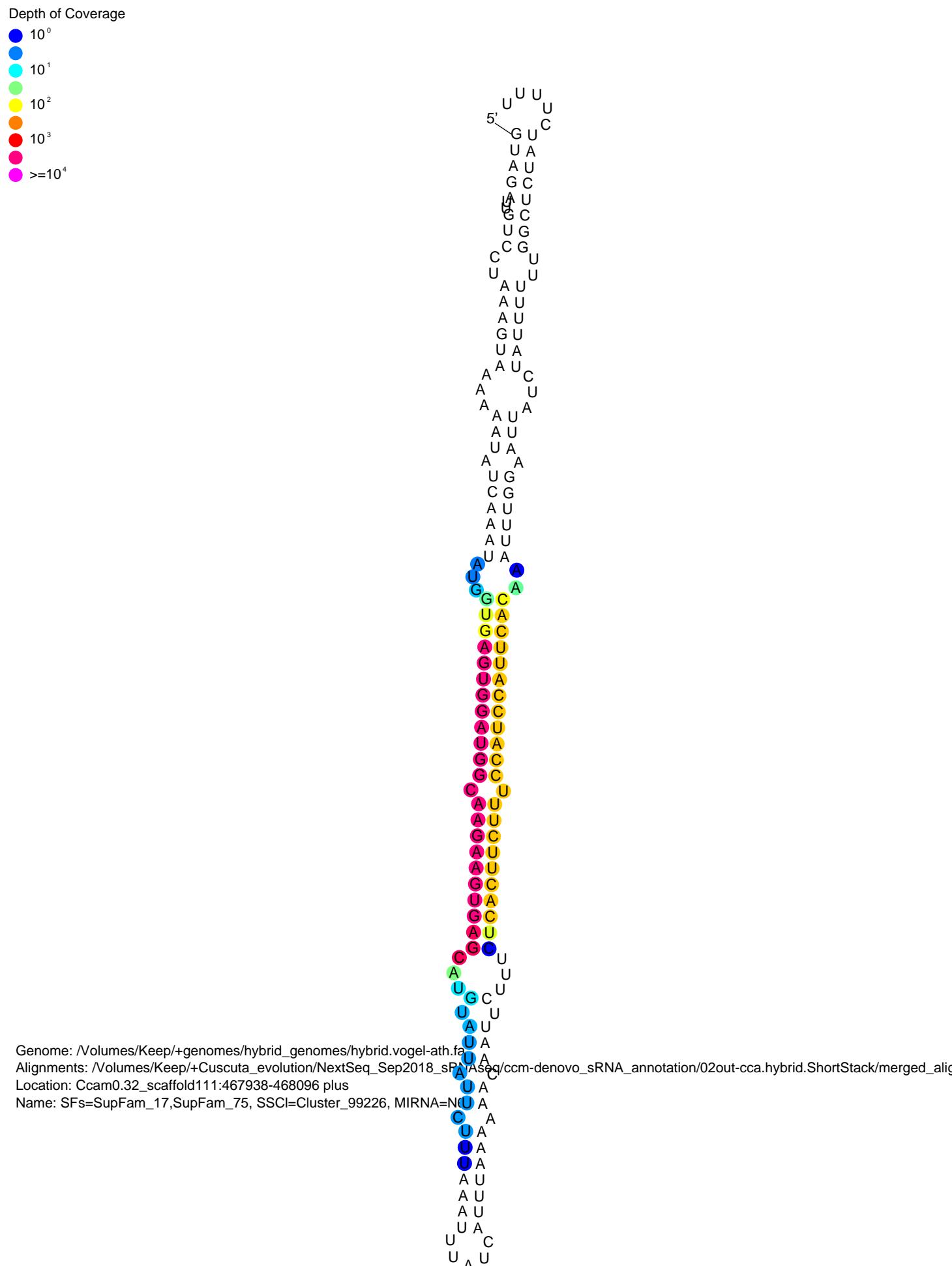
Genome: /Volumes/Keep/+genomes/hybrid_genomes/hybrid.vogel-ath.fa

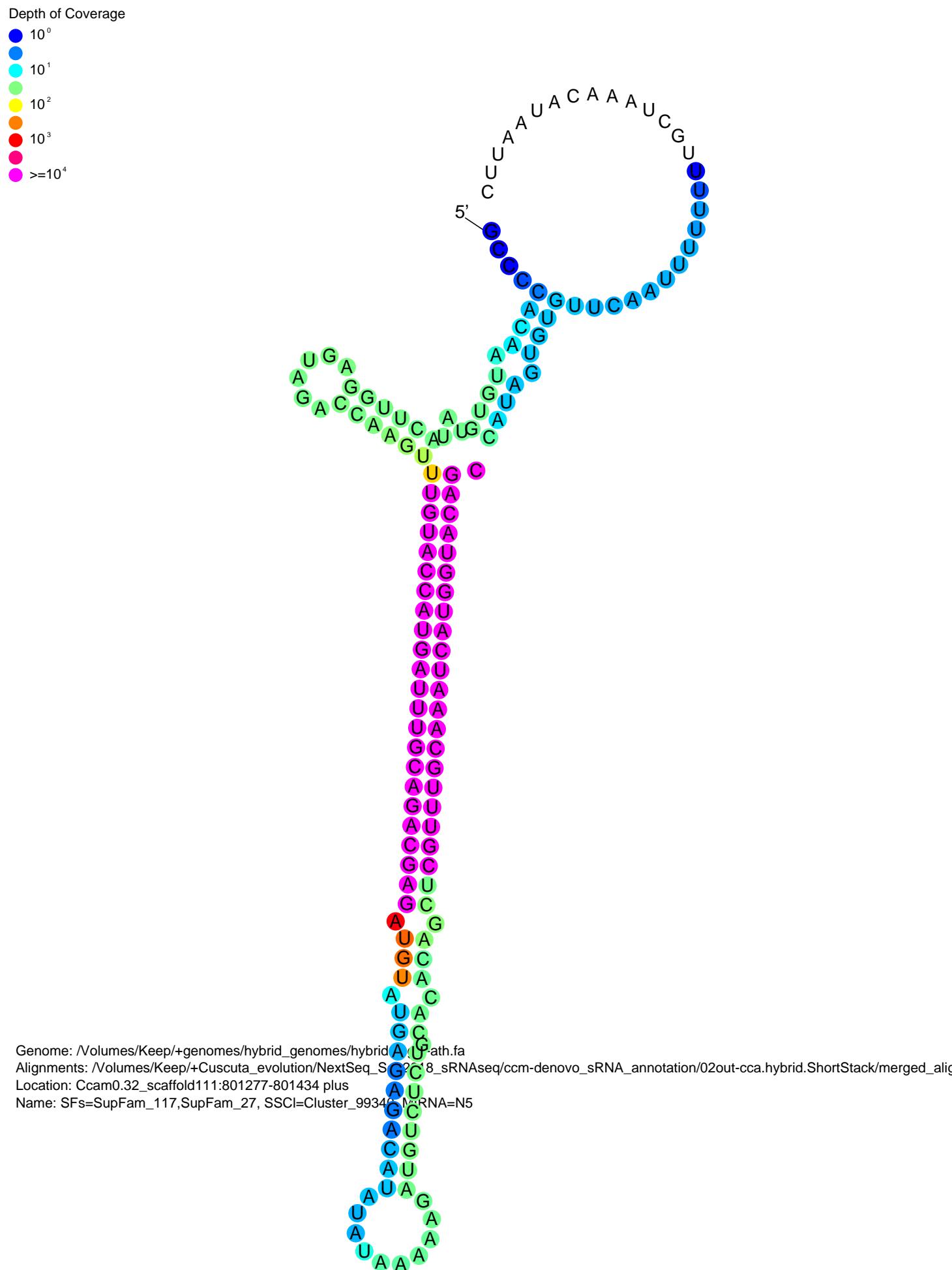
Alignments: /Volumes/Keep/+Cuscuta_evolution/NextSeq_Sep2018_sRNASEq/ccm-denovo_sRNA_annotation/02out-cca.hybrid.ShortStack/merged_align

Location: Ccam0.32_scaffold110:1394747-1394988 plus

Name: SFs=SupFam_128, SSCI=Cluster_98751, MIRNA=Y







Depth of Coverage

- 10^0
- 10^1
- 10^2
- 10^3
- $\geq 10^4$

