dnaX_NS mRNA
5'-...AGGGAGCAACC AUG GUA UUC UAC AGAGAA-FSS...-3'
fMet Val Phe Tyr
+1
+11
HIV_NS mRNA
5'-...AGGAGGUAAAA AUG UUC UAC AAGAU-FSS...-3'
fMet Phe Tyr
+1
+11
P-site tRNA^Phe
A
69%
31%
N=102
dnaX_NS mRNA
B
70%
30%
N=152
dnaX_NS ΔFSS mRNA
C
81%
19%
N=363
HIV_NS mRNA
D
77%
23%
N=286
HIV_NS ΔFSS mRNA
Count
FRET
0
1000
2000
3000
2500
5000
7500
4000
8000
10000
12000
15000
0.2
0.4
0.6
0.8
1.0