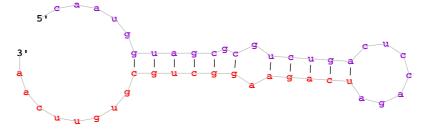
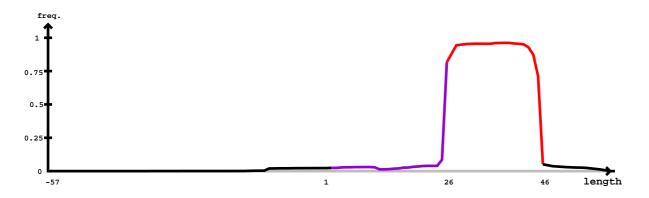
Provisional ID : Montipora_capitata_HIv3___Scaffold_255_1085442

28

Score total 2387.1 Score for star read(s) 3.9 2385.1 Score for read counts Score for mfe 0.3 Score for randfold -2.2 Score for cons. seed Total read count 4690 Mature read count 4662 Loop read count 0

Star read count





5'- guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggcgcaaugguagcgcgucugacuccagaucagaaggcugcguguucaagucacgucggggu	-3'	obs	
guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggcgcaaugguagcgcgucugacuccagaucagaaggcugcguguucaagucacgucggggu		exp	
((((((((()))))))))(())((((((read	ds mm	sample
cuaguggaUuccguggcgcaaugguag	1	1	s23
Aaguggacuccguggcgcaaugguagc	1	1	s23
Agguagcgcgucugacuccagau	1	1	s23
Agcgucugacuccagaucagaaggcugcgu	1	1	s23
Agacuccagaucagaaggcugcg	2	1	s23
Aacuccagaucagaaggcugcgugu	2	1	s23
acuccagaucagaaggcu	1	0	s23
acuccagaucagaaggcugcg	1	0	s23
acuccagaucagaaggcugcgugu	1	0	s23
acuccagaucagaaggcugcguguuc	2	0	s23
Auccagaucagaaggcugcguguu	1	1	s23
Acagaucagaaggcugcgugu	2	1	s23
aAaucagaaggcugcguguuca	2	1	s23
Aaucagaaggcugcgugu	6	1	s23
Aaucagaaggcugcguguu	2	1	s23
Aaucagaaggcugcguguuc	1	1	s23
Aaucagaaggcugcguguuca	15	1	s23
aucagaaggcugcguguu	1	0	s23
aucagaCggcugcguguuc	1	1	s23
aucagaaggcugcguguuc	16	0	s23
aucagaagUcugcguguuca	1	1	s23
aucagaCggcugcguguuca	1	1	s23
aucagaaggcugcguguuca	162	0	s23
aucagaaggcugcguguucaag	1	0	s23
aucagaaggcugcguguucaaguc	3	0	s23
aucagaaggcugcguguucaagucacgucg	2	0	s23
Acagaaggcugcguguuc	10	1	s23
ucagaCggcugcguguuca	1	1	s23
Acagaaggcugcguguuca	30	1	s23
ucagaaggcugcguguuca	13	0	s23
Acagaaggcugcguguucaa	3	1	s23
Acagaaggcugcguguucaag	1	1	s23
. Acagaaggcugcguguucaagucaggug	1	1	s23

Star	Mature

guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggegeaaugguagcgcgucugacuccagaucagaaggcugcguguucaagucacgucggggu			
. Aagaaggcugcguguuca	10	1	s23
.cagaaggcugcguguuca	5	0	s23
agaaggcugcguguucaag	1	0	s23
agaaggcugcguguucaagucacgucgg	1	0	s23
gaaggcugcguguucaagucacgucggggu	1	0	s23
.aaggcugcququucaagucac	1	0	s23
aaggcugcguguucaagucacgucggggu	2	0	s23
	1	1	s23
	1	1	s23
	1	1	s23
	2	1	s23
	5	1	s23
		0	
gcguguucaagucacgucggggu	1 1	1	s23 s23
Aguucaagucacgucggggu	1	1	823
			-05
Agacuccguggcgcaaugguagc.	4	1	s 85
. Agacuccguggcgcaaugguagcg	1	1	s 85
. Aguggcgcaaugguagcgcgu	1	1	s 85
augguagegegueugaeue	1	0	s 85
augguagcgcgucugacucca	1	0	s 85
ugguagcgcgucugacucca	1	0	s 85
	1	1	s 85
Auagcgcgucugacuccaga	1	1	s 85
Acgcgucugacuccagaucagaaggcugcg	1	1	s 85
Aucugacuccagaucagaaggcugcguguu	1	1	s 85
Acugacuccagaucagaaggcugcgugu	1	1	s 85
.hcugacuccagaucagaaggcugcguguu	3	1	s 85
	1	1	s 85
Augacuccagaucagaaggcugcgugu	1	1	s 85
Agacuccagaucagaaggcu	1	1	s 85
	1	1	s 85
	2	1	s 85
	1	1	s 85
Agacuccagaucagaaggcugcgugu.	1	1	s 85
acuccagaucagaaggcugcguguu.	1	0	s 85
acuccagaucagaaggcugcguguuca.	1	0	s 85
.Accagaucagaaggcugcg	1	1	s 85
Accagaucagaaggcugcguguuca	1	1	s 85
Aagaucagaaggcugcguguuca	1	1	s85
Aaucagaaggcugcgugu	24	1	s 85
	18	1	s85
	11	1	s85
	26	1	s85
	1	1	s85
	2	1	s85
aucaqaCqqcuqcququu.	1	1	s85
aucCqaaqqcuqcququu.			
	1	1	s85
aucagaaggcugcguguu	73	0	s85
aucagaaAgcugcguguuc	1	1	s85
aucagaaggcugcguguuU	5	1	s85
aucagCaggcugcguguuc	3	1	s 85
aucCgaaggcugcguguuc.	2	1	s 85
aucagaaggcugcguguuc.	313	0	s 85
aucagaCggcugcguguuc.	2	1	s 85
aucagaaggcuUcguguuca	1	1	s 85
aucagCaggcugcguguuca	6	1	s 85
aucagaaggAugcguguuca	1	1	s 85
aucagaaggcCgcguguuca	2	1	s 85
aucagaaggcugcguguuca	973	0	s 85
aucCgaaggcugcguguuca	5	1	s 85
aucagaaggcugcguAuuca	1	1	s 85
aucagaaggcuAcguguuca	1	1	s 85
aucagaaAgcugcguguuca	1	1	s 85
aucagaCggcugcguguuca	5	1	s 85
aCcagaaggcugcguguuca	1	1	s 85
aucaAaaggcugcguguuca	2	1	s 85
aucagaaggcugUguuuca	1	1	s 85
aucagaaggcugcguguucaa	1	0	s 85
aucagaaggcugcguguucaCg	1	1	s 85
aucagaaggcugcguguucaag	18	0	s 85

guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggcgcaaugguagcgcgucugacuccaga <mark>ucagaaggcugcguguucaa</mark> gucacgucggggu			
.aucagaaggcugcguguucaagucacguc	1	0	s 85
aucagaaggcugcguguucaagucacgucg	5	0	s 85
ucagaaggcugcguguuc	24	0	s 85
.Acagaaggcugcguguuc	10	1	s 85
ucCgaaggcugcguguuca	2	1	s 85
ucagaaggcugcguguuGa	1	1	s 85
ucagCaggcugcguguca	2	1	s 85
ucagaaggcugcguguuca	59	0	s 85
Acagaaggcugcuuca	42	1	s 85
			s85
ucagaaggcugcguguucC	1	1	
.Acagaaggcugcguguucaag	1	1	s 85
ucagaaggcugcguguucaag	1	0	s 85
. Acagaaggcugcguguucaaguc	1	1	s 85
ucagaaggcuqcququucaGqucacqucq	1	1	s 85
ucagaaggcugcguguucaGgucacgucgg	1	1	s 85
.cagCaggcugcguguuca	1	1	s 85
	8	1	s 85
	13	0	s85
		0	s85
cagaaggcugcguguucaagucacguc	1		
CagaaggcugcgugcuucaGgucacgucg	1	1	s 85
cagaaggcugcguguucaagucacgucggg	1	0	s 85
.agaaggcugcguguucaag	3	0	s 85
. aqaaqqcuqcququucaaquca	1	0	s85
			s85
.agaaggcugcguguucaagucacgucggg.	1	0	
agaaggcugcguguucaGgucacgucgggg.	1	1	s 85
gaaggcugcguguucaaggaaggcugcguguucaag	1	0	s 85
	3	1	s 85
Aaaggcugcguguucaagucacgucgggg.	1	1	s85
aaggcugcguguucaaguca.	1	0	s 85
aaggcugcguguucaagucac	1	0	s 85
aaggcugcguguucaagucacgucgggg.	1	0	s 85
	1	0	s 85
		•	s 85
aggcugcguguucaagucacgucgggg.	1	0	
aggcugcguguucaagucacgucgggg.			
Acugcguguucaagucacgucggggu	1	1	s 85
	1 3	1	s85 s85
Acugcguguucaagucacgucggggu	1	1	s 85
	1 3	1	s85 s85
AcugcguguucaagucacgucgggguAgcguguucaagucacgucgggg Agcguguucaagucacgucgggg.	1 3 3	1 1 1	s85 s85 s85
AcugcguguucaagucacgucgggguAgcguguucaagucacgucggggAgcguguucaagucacgucggggAcguguucaagucacgucgggg.	1 3 3 1	1 1 1 1	s85 s85 s85 s85
	1 3 3 1 1	1 1 1 1	s85 s85 s85 s85 s85
AcugcguguucaagucacgucgggguAgcguguucaagucacgucgggAgcguguucaagucacgucggggAcguguucaagucacgucgggAguguucaagucacgucggg.	1 3 3 1	1 1 1 1	s85 s85 s85 s85 s85
	1 3 3 1 1 2 2	1 1 1 1 1	885 885 885 885 885 885
	1 3 3 1 1	1 1 1 1	885885885885885
	1 3 3 1 1 2 2	1 1 1 1 1	## ## ## ## ## ## ## ## ## ## ## ## ##
Acugcguguucaagucacgucgggu Agcguguucaagucacgucgggg Agcguguucaagucacgucggg Aguguucaagucacgucggg Aguguucaagucacgucggg Aguucaagucacgucgggg Aguucaagucacgucgggg Aguucaagucacgucgggg	1 3 3 1 1 2 2	1 1 1 1 1 1	## ## ## ## ## ## ## ## ## ## ## ## ##
Acugcquguucaagucacqucqggqu	1 3 3 1 1 2 2	1 1 1 1 1 1 0 1	885 885 885 885 885 885 885
Acugcquguucaagucacgucgggu	1 3 3 1 1 2 2 2	1 1 1 1 1 1 0 1	\$85 \$85 \$85 \$85 \$85 \$85 \$85 \$85 \$35 \$35
Acugcquguucaagucacgucqggqu	1 3 3 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1 0 1 0 1	885 885 885 885 885 885 885 835 835
Acugcquguucaagucacgucgggu	1 3 3 1 1 2 2 2	1 1 1 1 1 1 0 1	\$85 \$85 \$85 \$85 \$85 \$85 \$85 \$85 \$35 \$35
Acugcquguucaagucacgucqggqu	1 3 3 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1 0 1 0 1	885 885 885 885 885 885 885 835 835 835
	1 3 3 1 1 2 2 2 1 1 1 1 1	1 1 1 1 1 1 0 1 0 1	885 885 885 885 885 885 835 835 835 835
Acugcququucaagucacqucqqqqu	1 3 3 1 1 2 2 2 1 1 1 1 1 1 1 1	1 1 1 1 1 1 0 1 0 1 1 1 1	885 885 885 885 885 885 835 835 835 835
Acugcquguucaagucacgucgggu	1 3 3 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
Acugcquguucaagucacgucgggu	1 3 3 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0	885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 0 1	885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1	s85 s85 s85 s85 s85 s85 s85 s35 s35 s35 s35 s35 s35 s35 s35 s35 s3
	1 3 3 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 0 1	885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagauc Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagaucagaaga Aguagogogucugacuccagaucagaaga	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
Acugeguguucaagucagucggg. Ageguguucaagucaegucggg. Ageguguucaagucaegucggg. Ageguguucaagucaegucggg. Ageguguucaagucaegucggg. Aguguucaagucaegucggg. Aguguucaagucaegucggg. Aguguucaagucaegucggg. Aguguucaagucaegucgggg. Aguucaagucaegucgggg. Aguucaagucaegucgggg. Aguucaagucaegucgggg. Aguucaagucaegucgggg. Aguucaagucaegucgggg. Aguucaagucaegucgggg. Aguucaagucaegucgggg. Aguucaaguagaggg. Agacucguuggggcaaugguagc. Agacucguuggggcaaugguagc. Aguugacucaguucga. Aguugacucaguucaga. Aguugacgggucugacucaaga. Aaaugguagggguuugacucaaga. Aaguaggggguuugacucaagauc. Aguugacggguuugacucagauc. Aguugacggguucgacucagaucagaag. Aguugacucagaucagaucgaagagg. Aguugacucagaucagaagagggggg. Aguugacucagaucagaagagggggg. Aguugacucagaucagaagaggggggg.	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1	885 885 885 885 885 885 885 835 835 835
. Ağucugacuccagaucagaaggcugcgu Ağucugacuccagaucagaaggcugcgu Ağucugacuccagaucagaaggcugcgu Ağucugacuccagaucagaaggcugcgu Ağucugacuccagaucagaaggcugcgu Ağuugacaguagcagucgugagc Ağuugacaguagcaguagcaguagc Ağuugacaguagcaguagcaguagcaguagcaguagcaguagcaguagagaggaggaugacaguagagaggaggaugacucagaucagaucagaucagaaggaggaagga	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
. Aguugacuccagaucagaaucagauggg Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggaggag Aguugacuccagaucagaugaaggaggagaauggagagaga	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
. Ağucugacuccagaucagaaggcugcgu Ağucugacuccagaucagaaggcugcgu Ağucugacuccagaucagaaggcugcgu Ağucugacuccagaucagaaggcugcgu Ağucugacuccagaucagaaggcugcgu Ağuugacaguagcagucgugagc Ağuugacaguagcaguagcaguagc Ağuugacaguagcaguagcaguagcaguagcaguagcaguagcaguagagaggaggaugacaguagagaggaggaugacucagaucagaucagaucagaaggaggaagga	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1		885 885 885 885 885 885 835 835 835 835
. Aguugacuccagaucagaaucagauggg Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggag Aguugacuccagaucagauggaggag Aguugacuccagaucagaugaaggaggagaauggagagaga	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1	885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1		885 885 885 885 885 885 835 835 835 835
	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1		885 885 885 885 885 885 885 835 835 835
Aggaucagaucagaucagaucagagagagagagagagagag	1 3 3 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2		885 885 885 885 885 885 885 835 835 835
	1 3 3 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1		885 885 885 885 885 885 885 885 835 835
	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 2 1 2 1 2 3 2		885 885 885 885 885 885 885 885 835 835
	1 3 3 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1		885 885 885 885 885 885 885 885 835 835
	1 3 3 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 2 1 2 1 2 3 2		s85 s85 s85 s85 s85 s85 s85 s85 s35 s35 s35 s35 s35 s35 s35 s35 s35 s3

guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggcgcaaugguagcgcgucugacuccaga <mark>ucagaaggcugcguguucaag</mark> ucacgucggggu			
Auccagaucagaaggcugcgugu	1	1	s 35
Auccagaucagaaggcugcguguucaaguc	1	1	s 35
cuccagaucagaaggcugcguguucaaguc	1	0	s35
.Accagaucagaaggcugcgu	1	1	s35
.Accagaucagaaggcugcgug.	2	1	s 35
.uccagaucagaaggcugcguguu	1	0	s 35
ccagaucagaaggcugcgu	1	0	s35
Acagaucagaaggcugcgug	2	1	s 35
agaucagaaggcugcgugu	2	0	s35
	1	1	s35
	2	1	s35
	7	1	s35
	1	1	s35
	5	0	
aucagaaggcugcguguu			s35
aucagaaggcugcguguuU	2	1	s35
aucagaaggcugcguguuc.	50	0	s35
aucagaaAgcugcguguuca.	1	1	s35
aucagaCggcugcguguuca.	2	1	s 35
aucagaaggcugcguguucU	1	1	s 35
aucagaaggcugcgCguuca	1	1	s 35
aucagaaggcugcguguuca	239	0	s 35
aucagaaggcuAcguguuca	1	1	s 35
aucagaaggcugcguguucaa	1	0	s 35
aucagaaggcugcguguucaag	1	0	s 35
aucagaCggcugcguguucaag	1	1	s 35
aucagaaggcugcguguucaagu	1	0	s 35
aucagaaggcugcguguucaaguc	3	0	s 35
aucagaaggcugcguguucaaguca	2	0	s 35
aucagaaggcugcguguucaagucacg	2	0	s35
aucagaaggcugcguguucaagucacgu	1	0	s35
aucagaaggcugcguguucaagucacguc	3	0	s 35
ucagaaggcugcguguuc.	1	0	s35
Acagaaggcugcguguuc.	10	1	s 35
Acagaaggcugcguguuca	26	1	s35
ucagaaggcugcuguuca	16	0	s35
	1	1	s 35
Acagaaggcugcguguucaagucacgucgg	3	1	s35
	17	1	s35
	1	0	s35
	1	1	s35
	3	1	s35
	1	1	s35
	1	0	s35
Aagaaggcugcguguucaagucacgucgg	1	1	s35
agaaggcugcguguucaag	2	0	s35
agaaggcugcguguucaaguc	1	0	s35
agaaggcugcguguucaUgucacgucggg	3	1	s35
	1	1	s 35
gaaggcugcguguucaagucacgucggggu	1	0	s 35
aaggcugcguguucaagucacgucgg	1	0	s 35
	2	1	s 35
Agcguguucaagucacgucggg.	3	1	s 35
	2	1	s 35
Aguguucaagucagg	1	1	s 35
Aguguucaagucacgucgggg.	2	1	s 35
.Aguguucaagucacgucggggu	1	1	s 35
	2	1	s 35
	1	1	s 35
aAaaagaucgccucuagug	1	1	s52
	1	1 1	s52
	3	1	s52
	3 1	1 0	s52
	3 1 1	1 0 1	s52 s52 s52
. Aaguggacuccguggcgc aguggaUuccguggcgcaauggua aguggaUuccguggcgcaaugguagcgcgu.	3 1 1	1 0 1 0	s52 s52 s52 s52
Aggudgacuccguggcgc	3 1 1 1	1 0 1 0	s52 s52 s52 s52
Agguerecguggegeauggua aguggacuccguggegeaauggua aguggacuccguggegeaaugguage aguggacuccguggegeaaugguag Aggacuccguggegeaaugguag Agacuccguggegeaaugguag Agacuccguggegeaaugguag	3 1 1 1 1	1 0 1 0 1	s52 s52 s52 s52 s52
Aggudgacuccguggcgc	3 1 1 1 1 4 20	1 0 1 0 1 1	s52 s52 s52 s52 s52 s52

guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggegcaaugguagegcgucugacuccaga <mark>ucagaaggcugcguguucaa</mark> gucacgucggggu			
acuccguggcgcaaugguag	1	0	s52
gcaaugguagcgcgucugacuccaga	1	0	s52
. Aaaugguagcgcgucugacuccagauc	1	1	s52
augguagegegucugacuccagauc	2	0	s52
Auagegegucugacuceagaucagaa	1	1	s52
.agegegueugacuecagaueagaaggeuge.	2	0	s52
Aucugacuccagaucagaaggcugcguguu	1	1	s52
ucugacuccagaucagaaggc.	1	0	s52
	1	1	s52
Acugacuccagaucagaaggcugcgugu	1	1	s 52
	1	1	s52
Augacuccagaucagaaggcugcgug.	1	1	s52
	1	1	s52
Augacuccagaucagaaggcugcguguuca.	1	1	s52
Agacuccagaucagaaggcugcgu	2	1	s52
Agacuccagaucagaggcugcgug	1	1	s52
Agacuccagaucagaaggcugcgugu.	1	1	s52
Agacuccagaucagaaggcugcguguuca	1	1	s52
	1	1	s52
Aacuccagaucagaaggcugcguguucaag	1	1	s52
acuccagCucagaaggcugcg	1	1	s52
acuccagaucagaaggcugcg	2	0	s52
.acuccagaucagaaggcugcgu.	1	0	s52
acuccagaucagaaggcugcgug	1	0	s52
.acuccagaucagaaggcugcgugu.	1	0	s52
acuccagaucaAaaggcugcguguu	1	1	s52
acuccagaucagaggcugcguguuc	1	0	s52
. Auccagaucagaaggcugcg	1	1	s52
Auccagaucagaaggcugcgu.	2	1	s52
	1	1	s52
cuccagCucagaaggcugcgugu.			
cuccagaucagaaggcugcguguu	1	0	s52
Auccagaucagaaggcugcguguu	1	1	s52
Auccagaucagaaggcugcguguucaaguc	1	1	s52
uccagaucagaaggcugcg	1	0	s52
Accagaucagaaggcugcg.	1	1	s52
	1	1	s52
Accagaucagaaggcugcgugu			
Accagaucagaaggcugcguguuc.	1	1	s52
Aaucagaaggcugcgugu	8	1	s52
	3	1	s52
.Aaucagaaggcugcuuc	2	1	s52
.Aaucagaaggcugcguguuca	5	1	s52
		0	
.aucagaaggcugcguguu	12		s52
aucagaaggcugcguguuU	1	1	s52
aucagaaggcugcguguuc	72	0	s52
aucagaCggcugcguguuc	1	1	s52
aucagaaggcugcgugCuc	1	1	s52
auAagaaggcugcguguuca.	1	1	s52
aucagaaAgcugcguguuca	1	1	s52
aucagaaggcugcguguuca	224	0	s52
aucCgaaggcugcguguuca	3	1	s52
aucagaaggcugcguguucaa	1	0	s52
aucagaaggcugcguguucaag	1	0	s52
aucagaaggcugcguguucaaguca.	1	0	s52
aucagaaggcAgcguguucaagucacguc	1	1	s52
aucagaaggcugcguguucaagucacgucg	1	0	s52
ucagaaggcugcguguuU	1	1	s52
ucagaaggcugcuuc	5	0	s52
	2	1	s52
Acagaaggcugcugcuuc			
Acagaaggcugcguguuca	14	1	s52
ucagaaggcugcguguuca	17	0	s52
ucagaaggcugcguguucaagucacgucgg	1	0	s52
cagaaggcugcguguuca	6	0	s52
Aagaaggcugcquguuca	12	1	s52
	1	1	s52
.agaaggcugcguguucaa	1	0	s52
.agaaggcugcguguucaagucacg.	1	0	s52
agaaggcugcguguucaagucacgu	1	0	s52
Aaaggcugcguguucaagu	3	1	s52
Aaaggcugcquguucaaguca	1	1	s52
aaggcugcguguucaaguaaggcugcguguucaagu	1	0	s52
aayycuycyuduucaaguaayycuycyuduucaagu	_	J	854

Star	Mature
STAT	Mathra

guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggcgcaaugguagcgcgucugacuccaga <mark>ucagaaggcugcguguucaa</mark> gucacgucggggu			
aaggcugcguguucaagucacgucgggg.	1	0	s52
	2	0	s52
aggcugcguguucaagucacgucggggu	2	0	s52
Acguguucaagucacgucgg	3	1	s52
Acguguucaagucacgucggggu	2	1	s52
	1	1	s52
	2	1	s52
	1	1	s52
Aaaugguagcgcgucugac	1	1	s13
	1	1	s13
AgacuccagaucagaaggcugcguguucAgacuccagaucagaaggcugcguguuc			
. Aacuccagaucagaaggcugcguguuc.	1	1	s13
	2	1	s13
Aaucagaaggcugcguguuc	1	1	s13
	8	1	s13
aucagaaggcugcguguu	7	0	s13
aucagaaggcugcguguuc	45	0	s13
aucCgaaggcugcguguuc	1	1	s13
aucagaaAgcugcguguuc.	1	1	s13
aucagaagAcugcguguuc.	1	1	s13
aucagaaggcugcguguuca	222	0	s13
aucagaaggcCgcguguuca	1	1	s13
aucagaCggcugcguguuca	3	1	s13
.aucagCaggcugcguguuca	1	1	s13
aucCgaaggcugcguguuca.	1	1	s13
aucagaaggAugcguguuca	1	1	s13
aucagaaggcugcguguucC	1	1	s13
		0	s13
aucagaaggcugcguguucaag	3		
ucagaaggcugcguguuc	3	0	s13
	3	1	s13
ucagaaggAugcguguuc	1	1	s13
ucagCaggcugcguguuca	1	1	s13
ucagaaggcugcguguuca	22	0	s13
Acagaaggcugcguguuca	28	1	s13
Acagaaggcugcguguucaagu	1	1	s13
ucagaaggcugcguguucaGgucacgucg	1	1	s13
.cagaaggcugcguguuca	1	0	s13
. Aagaaggcugcguguuca	23	1	s13
. Aagaaggcugcguguucaag	1	1	s13
	1	0	s13
	1	1	s13
. Aagaaggcugcguguucaagucacguc.	1	1	s13
agaaggcugcguguucaag	2	0	s 13
Aaaggcugcguguucaag	1	1	s13
gaaggcugcguguucaGgucacgucg	1	1	s13
	2	1	s13
"Ageguguucaagucaegueggggu	2	1	s13
. Acguguucaagucacgucggg.	1	1	s13
agggaaacaaagaucgccucuagug	1	0	s60
		1	s60
Aucuaguggacuccguggcgcaaugguagc	1		
. Aaguggacuccguggcgcaaugguagc.	1	1	s 60
. Agacuccguggcgcaaugguag	2	1	s 60
Agacuccguggcgcaaugguagc	22	1	s 60
Agacuccguggcgcaaugguagcgcgucu	1	1	s 60
Agacuccguggcgcaaugguagcgcgucug	2	1	s 60
acuccguggcgcaaugguagc	2	0	s 60
	2	1	s 60
Aggegcaaugguagcgegucugacucc	1	1	s60
	1	1	s 60
	1	1	s60
	2	1	s60
aaugguagcgcgucugacu	1	0	s60
augguagcgcgucugacuc	1	0	s60
augguagogogucugacucc	1	0	s 60
augguagcgcgucugacuccag.	1	0	s 60
augguagcgcgucugacuccagau.	1	0	s 60
augguagcgcgucugacuccagauc	2	0	s 60
augguagcgcgucugacuccagauca	1	0	s 60
Auagcgcgucugacucca	1	1	s60

guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggcgcaaugguagcgcgucugacuccagaucagaaggcugcguguucaagucacgucggggu			
.cgcgucugacuccagauc	1	0	s60
.Acgucugacuccagaucagaaggcugcg	1	1	s6 0
Agucugacuccagaucagaaggcugcg	1	1	s6 0
Agucugacuccagaucagaaggcugcgu	1	1	s6 0
Aucugacuccagaucagaaggcugcg	1	1	s 60
gucugacuccagaucagaaggcugcguguu	1	0	s6 0
Acugacuccagaucagaaggcu	1	1	s60
Acugacuccagaucagaaggcugcuguu	2	1	s60
Augacuccagaucagaaggc	1	1	s60
Augacuccagaucagaaggcug	2 1	1 1	s60
Agacuccagaucagaagg	2	1	s60
Agacuccagaucagaaggcug	1	1	s60 s60
	1	1	s60
	2	1	s60
acuccagaucagauggcugcguguucaug	1	0	s60
acuccagaucagauggcugcg	2	0	s60
acuceCgaucagaaggcugcgug	1	1	s60
acuccagaucagaaggcugcgugu	2	0	s 60
acuccagaucagaaggcugcguguu	1	0	s 60
acuccagaucagaaggcugcguguuca	1	0	s60
acuccagaucagaaggcugcuguucaag	1	0	s6 0
Accagaucagaaggcugc	2	1	s6 0
.hccagaucagaaggcugcg.	3	1	s 60
	2	1	s 60
uccagaucagaaggcugcguguu	1	0	s6 0
.ccagaucagaaggcugcg.	1	0	s60
	1	1	s6 0
ccagaucagCaggcugcgugu	1	1	s6 0
	28	1	s 60
. Aaucagaaggcugcguguu	9	1	s6 0
	2	1	s6 0
Aaucagaaggcugcguguuca	10	1	s 60
aucagaaggcugcguguu	39	0	s6 0
aucagaaggcugcguguuc.	70	0	s6 0
aucCgaaggcugcguguuc	1	1	s 60
aucagaaggcugcguguuA.	1	1	s6 0
aucagCaggcugcguguuca	2	1	s60
aucagaagCcugcguguuca	1	1	s60
aucagaaAgcugcguguuca	2	1	s60
aucagaCggcugcuguuca	2	1 0	s60
aucagaaggcugcguguuca	288		s60
aucagaaggcCgcguguuca	1 3	1	s60 s60
aucCgaaggcugcguguuca	5	0	s60 s60
aucagaaggcugcguguucaagaucagaaggcugcguguucaaguc	1	0	s60
ucaqaaggcugcguguutaaguc	1	1	s60
ucagaaggcugcguguuc	6	0	s60
	7	1	s60
ucagaaggcugcguguuca	20	0	s 60
Acagaaggcugcguguuca	18	1	s60
	1	1	s6 0
.Aagaaggcugcguguuca.	12	1	s60
.cagaaggcugcguguuca	5	0	s6 0
	1	0	s6 0
agaaggcugcguguucaagu	1	0	s6 0
agaaggcugcguguucaaguca	2	0	s 60
agaaggcugcguguucaagucacgucg	2	0	s60
Aaaggcugcguguucaag	1	1	s6 0
Aaaggcugcguguucaagucacg	1	1	s 60
Aaaggcugcguguucaagucacgucgggg.	1	1	s 60
aaggcugcguguucaagucacg	1	0	s 60
aaggcugcgugCucaagucacgucggggu	1	1	s6 0
Agcguguucaagucacgucggg	1	1	s 60
	1	1	s 60
Acguguucaagucacgucgg	1	1	s60
Aguguucaagucacgucgg	1	1	s6 0
•		_	_
	1	1	s72

guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacuccguggcgcaaugguagcgcgucugacuccaga <mark>ucagaaggcugcguguucaa</mark> gucacgucggggu			
Agacuccguggcgcaaugguag	2	1	s72
.Agacuccguggegcaaugguagc	18	1	s72
.Agacuccguggegcaaugguagcg	1	1	s72
.Agacuccguggegeaaugguagegegucu	1	1	s72
gacuccguggegeaaugguage	3	0	s72
acuccguggegeaaugguage	1	0	s72
.cuccguggcgcaaugguagc.	1	0	s72
	1	1	s72
	1	1	s72
aaugguagegegueugaeuce.	1	0	s72
augguagegeAucugaeu.	1	1	s72
augguagegegueugaeuce	1	0	s72
augguagcgcgucugacuccaga	1	0	s72
. Agguagogogucugacucca.	1	1	s72
	2	1	s72
agegegucugacuccagaucagaaggcu	1	0	s72
Aucugacuccagaucagaaggc	1	1	s72
Acugacuccagaucagaaggcugcguguu	4	1	s72
	1	1	s72
Agacuccagaucagaaggcugcgug	1	1	s72
Agacuccagaucagaaggcugcgugu		1	s72
Agacuccagaucagaaggcugcguguu	1		
Agacuccagaucagaaggcugcguguuc	1	1	s72
Aacuccagaucagaaggcugcgugu	1	1	s72
acuccagaucagaaggcugcg.	2	0	s72
acuccaUaucagaaggcugcgu.	2	1	s72
acuccagaucagaaggcugcguguuc.	1	0	s72
Auccagaucagaaggcugcg	1	1	s72
.Accagaucagaaggcugcgugu	1	1	s72
.Accagaucagaaggcugcguguu	1	1	s72
Accagaucagaaggcugcguguuca	1	1	s72
Aagaucagaaggcugcguguu	1	1	s72
.agaucagaaggcugcguguuca	2	0	s72
	19	1	s72
	8	1	s72
	2	1	s72
	11	1	s72
	1	1	s72
	1	1	s72
aucCgaaggcugcguguu	3	1	s72
aucagaaggcuUcguguu	1	1	s72
aucagaaggcugcguguG	1	1	s72
aucagaaggcugcguguu	66	0	s72
aucCgaaggcugcguguuc	1	1	s72
aucagaaggcugcguguuc	88	0	s72
aucagCaggcugcguguuc	1	1	s72
aucagaaggcuUcguguuca	2	1	s72
aucagaagUcugcguguuca	1	1	s72
aucagaCggcugcguguuca	4	1	s72
aucagaaAgcugcguguuca	1	1	s72
aucagCaggcuqcququuca	1	1	s72
aucagaaggcugcugcuguuca	444	0	s72
aucCgaaggcugcguguuca	2	1	s72
aucagaaggcugcguquucaag	3	0	s72
aucagaaggcugcuguguucaag	1	0	s72
	1	1	s72
aucagaaggcugcguguucaGgucacguc	2	0	s72
aucagaaggcugcguguucaagucacgucg			
aucagaaggcugcguguucaGgucacgucg	2	1	s72
Acagaaggcugcguguuc	15		s72
ucagaaggcugcguguuc	4	0	s72
Acagaaggcugcguguuca	17	1	s72
ucagaaggcugcguguuca	34	0	s72
ucagCaggcugcguguuca	1	1	s72
Acagaaggcugcguguucaaguca	1	1	s72
cagaaggcugcguguuca	1	0	s72
Aagaaggcugcguguuca	6	1	s72
cagaCggcugcguguuca	1	1	s72
	1	0	~72

	Star	Mature			
guuucuaccaguauuuuacaagggaaacaaagaucgccucuaguggacucc	guggcgcaaugguagcgcgucuga	cuccagaucagaaggcugcguguucaagucacgucggggu			
		agaaggcugcguguucaag	2	0	s72
		agaaggcugcguguucaagucac	1	0	s72
		agaaggcugcguguucaUgucacgucgg	1	1	s72
		agaaggcugcguguucaagucacgucgggg.	1	0	s72
		Aaaggcugcguguucaagu	1	1	s72
		Aaaggcugcguguucaagucacg	1	1	s72
		Augcguguucaagucacgucggggu	1	1	s72
		Agcguguucaagucacgucggg	1	1	s72
		Auguucaagucacgucggggu	2	1	s72
		Aguucaagucacgucgggg.	1	1	s72
		Auucaagucacgucggggu	1	1	s72
	Acuga	cuccagaucagaaggc	1	1	s09
		Aaucagaaggcugcgugu	2	1	s09
		Aaucagaaggcugcguguu	1	1	s09
		Aaucagaaggcugcguguuca	2	1	s09
		aucagaaggcugcguguu	3	0	s09
		aucCgaaggcugcguguuc	1	1	s09
		aucagaaggcugcguguuc	18	0	s09
		aucCgaaggcugcguguuca	1	1	s09
	• • • • • • • • • • • • • • • • • • • •	aucagaCggcugcguguuca	1	1	ສ09
	• • • • • • • • • • • • • • • • • • • •	aucaAaaggcugcguguuca	1	1	ສ09
	• • • • • • • • • • • • • • • • • • • •	aucagaaggcugcguguuca	151	0	ສ09
		aucagaaggcugcguguucaag	2	0	s 09
		aucagaaggcugcguguucaagucac	1	0	s 09
	• • • • • • • • • • • • • • • • • • • •	ucagaaggcugcguguuc	1	0	ສ09
		ucagaaggcugcguguuca	11	0	s 09
		Acagaaggcugcguguuca	17	1	s 09
		cagaaggcugcguguuca	2	0	s 09
•••••		Aagaaggcugcguguuca	7	1	s 09
•••••		Aagaaggcugcguguucaagucacgucgg	1	1	s09
		agaaggcugcguguucaag	2	0	s 09
•••••		Aaaggcugcguguucaagucacgucgggg.	1	1	s09
•••••		gaaggcugcguguucaagucacgucggggu	1	0	s 09
		Agcguguucaagucacgucgggg.	2	1	s 09
		Agcguguucaagucacgucggggu	1	1	ສ09
		Acguguucaagucacgucggggu	1	1	ສ09
		Aguguucaagucacgucgggg.	2	1	ສ09
		Aguguucaagucacgucggggu	1	1	ສ09