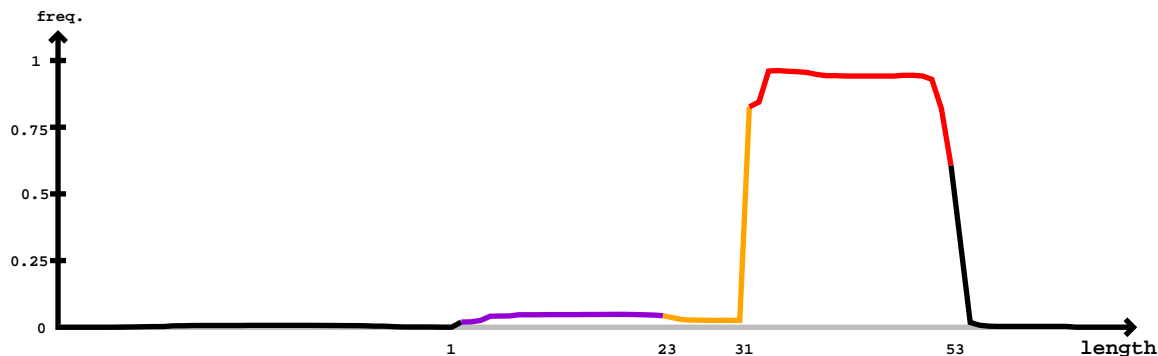
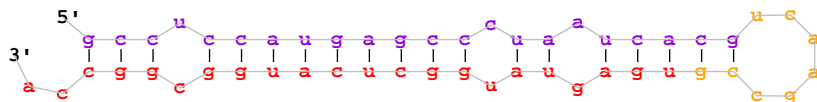


Provisional ID : 4\_41387  
Score total : 1967.9  
Score for star read(s) : 3.9  
Score for read counts : 1960.9  
Score for mfe : 2.1  
Score for randfold : 1.6  
Score for cons. seed : -0.6  
Total read count : 3858  
Mature read count : 3764  
Loop read count : 0  
Star read count : 94



## Star Mature

5' -	obs	exp	reads	mm	sample
aaaaaaauucggaggaucauacgaagcaugccgcguguggccuccaugagcccuaa <u>uacacg</u> ucaagccgugag <u>uauggcucauggcg</u> gccacacacguuacugaaaguc	-3'				
aaaaaaauucggaggaucauacgaagcaugccgcguguggccuccaugagcccuaa <u>uacacg</u> ucaagccgugag <u>uauggcucauggcg</u> gccacacacguuacugaaaguc					
.....((((.....)))).....((.(((((((.(((((((.(((((((.....)))))).))))).....)))))).....)).....					
.....uccaugagcccuaa <u>uacacg</u> ucaagccgugag <u>uauggcucauggcg</u> gcc.....			1	0	H04
.....uccaugagcccuaa <u>uacacg</u> ucaagccgugag <u>uauggcucauggcg</u> gcc.....			2	1	H04
.....ugag <u>uauggcucauggcg</u> gcc.....			2	0	H04
.....ugag <u>uauggcucauggcg</u> gcc.....			2	0	H04
.....ugag <u>uauggcucauggcg</u> gcc.....			1	1	H04
.....ugag <u>uauggcucauggcg</u> gcc.....			3	0	H04
..... <u>uauggcucauggcg</u> gcc.....			2	0	H04
.....gccuccaugagcccuaa <u>uacacg</u> .....			1	1	A32
.....ugag <u>uauggcucauggcg</u> gcc.....			1	1	A32
.....ugag <u>uauggcucauggcg</u> gcc.....			1	1	A32
.....ugag <u>uauggcucauggcg</u> gcc.....			3	1	A32
..... <u>uauggcucauggcg</u> gcc.....			3	1	A32
..... <u>uauggcucauggcg</u> gcc.....			3	1	A32
.....ugag <u>uauggcucauggcg</u> gcc.....			1	1	A41
..... <u>uauggcucauggcg</u> gcc.....			2	1	A41
.....gccuccaugagcccuaa <u>uacacg</u> .....			1	0	H62
.....uccaugagcccuaa <u>uacacg</u> ucaagccgugag <u>uauggcucauggcg</u> gcc.....			1	0	H62
.....uccaugagcccuaa <u>uacacg</u> ucaagccgugag <u>uauggcucauggcg</u> gcc.....			2	0	H62
.....ugag <u>uauggcucauggcg</u> gcc.....			1	0	H62
.....ugag <u>uauggcucauggcg</u> gcc.....			1	0	H62
.....ugag <u>uauggcucauggcg</u> gcc.....			6	0	H62
..... <u>uauggcucauggcg</u> gcc.....			2	0	H62
.....ugag <u>uauggcucauggcg</u> gcc.....			1	0	H11
.....ugag <u>uauggcucauggcg</u> gcc.....			1	0	H11
.....ugag <u>uauggcucauggcg</u> gcc.....			1	1	H11
..... <u>uauggcucauggcg</u> gcc.....			2	0	H11
..... <u>uauggcucauggcg</u> gcc.....			1	0	H11
..... <u>uauggcucauggcg</u> gcc.....			1	0	H11
.....aggauc <u>uacgaagcaugcc</u> .....			1	0	H42

## Star

## Mature

aaaaaaauucggaggaucauacgaagcaugccgcgugggcuccaugagcccuaaauacg	1	0	H42
.....cuccaugagcccuaaauacg.....	1	0	H42
.....uccaugagcccuaaauacgcaagccgugaguu.....	1	0	H42
.....ugaguauggcucauggcgggc.....	1	0	H42
.....aguauggcucauggcgggcC.....	1	1	H42
.....gaCgaucauacgaagcaugccg.....	2	1	E12
.....gccuccaugagcccuaaauac.....	1	0	E12
.....ugaguauggcucauggcgggc.....	1	0	E12
.....ugaguaGggcucauggcgggc.....	3	1	A21
.....ugaguaGggcucauggcgggc.....	13	1	A21
.....ugaguaGggcucauggcgggccaca.....	1	1	A21
.....aguaGggcucauggcgggc.....	3	1	A21
.....gccuccaugagcccuaaauacg.....	1	0	A34
.....uccaugagcccuaaauacgcaagccgugaguu.....	1	1	A33
.....ugaguaGggcucauggcgggc.....	1	1	A33
.....ugaguaGggcucauggcgggc.....	1	1	A33
.....aguaGggcucauggcgggc.....	4	1	A33
.....cggaggaucauacgaagcaugccU.....	1	1	R73
.....ugaguauggcucauggcgggc.....	1	0	R73
.....aguauggcucauggcgggc.....	1	0	R73
.....agCauggcucauggcgggc.....	1	1	R73
.....aguauggcucauggcgggc.....	1	0	R73
.....aguauggcucauggcgggc.....	1	0	R73
.....gccuccaugagcccuaaauacg.....	1	0	E14
.....cuccaugagcccuaaauacg.....	1	0	E14
.....cuccaugagcccuaaauacgcaagccgugaguaGggcucauggcgggc.....	1	1	E14
.....uccaugagcccuaaauacgcaagccgugagua.....	1	0	E14
.....uccaugagcccuaaauacgcaagccgugaguu.....	3	0	E14
.....ccgugaguaGggcucauggcgggc.....	1	1	E14
.....ugaguaGggcucauggcg.....	1	1	E14
.....ugaguauggcucauggcgggc.....	1	0	E14
.....ugaguaGggcucauggcgggc.....	19	1	E14
.....ugaguauggcucauggcgggc.....	2	0	E14
.....ugaguaGggcucauggcgggc.....	26	1	E14
.....ugaguauggcucauggcgggc.....	3	0	E14
.....ugaguaGggcucauggcgggc.....	64	1	E14
.....ugaguauggcucauggcgggcA.....	1	1	E14
.....ugaguaGggcucauggcgggccac.....	6	1	E14
.....gaguaGggcucauggcgggc.....	1	1	E14
.....aguauggcucauggcgggc.....	2	0	E14
.....aguaGggcucauggcgggc.....	4	1	E14
.....aguauggcucauggcgggc.....	1	0	E14
.....aguaGggcucauggcgggc.....	6	1	E14
.....aguaGggcucauggcgggccaca.....	2	1	E14
.....aguaGggcucauggcgggccac.....	2	1	E14
.....gccuccaugagcccuaaauacg.....	1	0	H41
.....ugaguaGggcucauggcg.....	1	1	H41
.....ugaguaGggcucauggcgggc.....	7	1	H41
.....ugaguaGggcucauggcgggc.....	15	1	H41
.....gaguaGggcucauggcgggc.....	1	1	H41
.....aguaGggcucauggcgggc.....	1	1	H41
.....aguaGggcucauggcgggc.....	2	1	H41
.....ccgcguguggccuccaug.....	1	0	E24
.....cuccaugagcccuaaauacg.....	1	0	E24
.....uccaugagcccuaaauacgcaagccgugaguu.....	1	0	E24
.....ccaugagcccuaaauacgucCagccgugagua.....	1	1	E24
.....ugaguaGggcucauggcg.....	5	1	E24
.....ugaguaGggcucauggcg.....	18	1	E24
.....ugaguauggcucauggcgggcU.....	1	1	E24
.....ugaguauggcucauggcgggc.....	7	0	E24
.....ugaguaGggcucauggcgggc.....	52	1	E24
.....ugaguaGggcucauggcgggc.....	185	1	E24
.....ugaguauggcucauggcgggc.....	1	0	E24

## Star

## Mature

aaaaaaauucggaggaucauacgaagcaugccgcguguggccuccaugagagccuaaauacgucuaagccgugagauaggcucauggcgggccacacacgguuacugaaguc

.....ugaguaGggcucauggcgggccac.....	5	1	E24
.....ugaguauggcucauggcgggccacU.....	1	1	E24
.....ugaguaGggcucauggcgggccaca.....	2	1	E24
.....gaguaGggcucauggcgggcca.....	1	1	E24
.....aguaGggcucauggcgggc.....	2	1	E24
.....aguaGggcucauggcgggcc.....	6	1	E24
.....aguauggcucauggcgggccU.....	1	1	E24
.....aguaGggcucauggcgggcca.....	9	1	E24
.....aguaGggcucauggcgggccaca.....	2	1	E24
.....aguauggcucauggcgggccaca.....	1	0	E24
.....aguaGggcucauggcgggccacac.....	1	1	E24
.....guaGggcucauggcgggcca.....	1	1	E24
.....guaGggcucauggcgggccaca.....	1	1	E24
.....gccuccaugagcccuaauca.....	1	0	A04
.....uccaugagcccuaaauacacgucaagccgugagua.....	1	0	A04
.....uccaugagcccuaaauacacgucaagccgugaguuU.....	1	1	A04
.....ugaguauggcucauggcgggcc.....	1	0	A04
.....aguauggcucauggcgggc.....	2	0	A04
.....uccaugagcccuaaauacacgucaagccgugagua.....	1	0	T74
.....ugaguauggcucauggcgggc.....	2	0	T74
.....ugaguauggcucauggcgggcc.....	1	0	T74
.....aguauggcucauggcgggc.....	3	0	T74
.....aguauggcucauggcgggcc.....	3	0	T74
.....Agggccacacacguuacug.....	1	1	T74
.....auauucggaCgaucauacgaagcaugcc.....	1	1	T73
.....cggaggaucauacgaagcaugcc.....	1	0	T73
.....ccaugagcccuaaauacacgucaagccgugagua.....	1	0	T73
.....ugaguauggcucauggcggg.....	1	0	T73
.....ugaguaGggcucauggcgggc.....	5	1	T73
.....ugGguauggcucauggcgggc.....	1	1	T73
.....ugaguauggcucauggcgggc.....	1	0	T73
.....ugaguaGggcucauggcgggcc.....	2	1	T73
.....ugaguaGggcucauggcgggcca.....	9	1	T73
.....ugaguaGggcucauggcgggccac.....	1	1	T73
.....gaguaGggcucauggcgggcca.....	1	1	T73
.....aguauggcucauggcgggc.....	1	0	T73
.....aguaGggcucauggcgggc.....	1	1	T73
.....aguaGggcucauggcgggcc.....	2	1	T73
.....aguaGggcucauggcgggcca.....	6	1	T73
.....gccuccaugagcccuaaauacacg.....	2	0	E04
.....uccaugagcccuaaauacacgucaagccgugaguu.....	1	0	E04
.....ugaguauggcucauggcgggc.....	3	0	E04
.....ugaguauggcucauggcgggcc.....	1	0	E04
.....ugaguauggcucauggcgggcca.....	2	0	E04
.....ugaguauggcucauggcgggccC.....	1	1	E04
.....ugaguauggcucauggcgggccac.....	1	0	E04
.....aguauggcucauggcgggcca.....	1	0	E04
.....gccuccaugagcccuaaauacacguA.....	1	1	E74
.....cuccaugagcccuaaauacacg.....	2	0	E74
.....ugaguaGggcucauggcggg.....	10	1	E74
.....ugaguaGggcucauggcgggc.....	64	1	E74
.....ugaguaGggcucauggcgggcc.....	56	1	E74
.....ugaguaGggcucauggcgggcca.....	53	1	E74
.....ugaguaGggcucauggcgggccac.....	3	1	E74
.....aguaGggcucauggcgggc.....	4	1	E74
.....aguaGggcucauggcgggcc.....	8	1	E74
.....aguaGggcucauggcgggcca.....	8	1	E74
.....aguaCggcucauggcgggcca.....	1	1	E74
.....gaguauggcucauggcgggcca.....	1	0	A62
.....aguauggcucauggcgggc.....	1	0	A62
.....ugaguauggcucauggcgggc.....	1	0	E73
.....ugaguauggcucauggcgggcc.....	2	0	E73
.....ugGguauggcucauggcgggcca.....	1	1	E73

# Star Mature

aaaaaaauucggaggaucauacgaagcaugccgcguguggccuccaugagcccuaaaucaacgucaagccgugaguaugggcucauggcgggccacacacguuacugaaaguc			
..... .aguaugggcucaugggcCgc.....	1	1	E73
..... .aguaugggcucauggcggc.....	2	0	E73
..... .ugaguaugggcucauggcgggcc.....	2	0	E72
..... .ugaguaugggcucauggcgggcca.....	1	0	E72
..... .aguaugggcucauggcgggcc.....	1	0	E72
..... .uccaugagcccuaaaucaacgucaagccgugaguu.....	3	0	A13
..... .aguaugggcucauggcgggcc.....	1	0	A13
..... .aguaugggcucauggcgggcca.....	1	0	A13
..... .augagcccuaaaucaacgucaagccgugaU.....	1	1	B12
..... .ugaguaGggcucauggcg.....	1	1	B12
..... .ugaguaGggcucauggcggc.....	1	1	B12
..... .ugaguaGggcucauggcgggcc.....	3	1	B12
..... .ugaguaGggcucauggcgggcca.....	8	1	B12
..... .ugaguaGggcucauggcgggccac.....	2	1	B12
..... .aguaGggcucauggcgggcca.....	6	1	B12
..... .gccuccaugagcccuaauca.....	1	0	E02
..... .gccuccaugagcccuaaucaacg.....	1	0	E02
..... .gccuccaugagcccuaaaucaacgu.....	1	0	E02
..... .uccaugagcccuaaaucaacg.....	1	0	E02
..... .uccaugagcccuaaaucaacgucaagccgugaguu.....	1	0	E02
..... .ugaguaGggcucauggcggg.....	1	1	E02
..... .ugaguaGggcucauggcgggcc.....	4	1	E02
..... .ugaguaGggcucauggcgggcc.....	15	1	E02
..... .ugaguaugggcucauggcgggcc.....	1	0	E02
..... .ugaguaGggcucauggcgggcca.....	93	1	E02
..... .ugaguaGggcucauggcgggccac.....	9	1	E02
..... .ugaguaGggcucauggcgggccaca.....	1	1	E02
..... .gaguaGggcucauggcgggcc.....	1	1	E02
..... .gaguaGggcucauggcgggcca.....	3	1	E02
..... .aguaGggcucauggcgggcc.....	1	1	E02
..... .aguaGggcucauggcgggcc.....	6	1	E02
..... .agGauggcucauggcgggcc.....	1	1	E02
..... .aguaGggcucauggcgggcca.....	13	1	E02
..... .aguaugggcucauggcgggcca.....	1	0	E02
..... .aguaGggcucauggcgggccac.....	1	1	E02
..... .aguaGggcucauggcgggccaca.....	1	1	E02
.... .Gauauucggaggaucauacgaagcaug.....	1	1	H34
..... .gccuccaugagcccuaauca.....	1	0	H34
..... .uccaugagcccuaaaucaacgucaagccgugaguu.....	1	0	H34
..... .ugaguaGggcucauggcgggcc.....	9	1	H34
..... .ugaguaGggcucauggcgggcc.....	10	1	H34
..... .ugaguaugggcucauggcgggccU.....	1	1	H34
..... .ugaguaGggcucauggcgggcca.....	14	1	H34
..... .aguaGggcucauggcgggcc.....	8	1	H34
..... .aguaGggcucauggcgggcca.....	11	1	H34
..... .gaguaGggcucauggcgggcca.....	1	1	H34
..... .aguaGggcucauggcgggccaca.....	3	1	H34
..... .guauugggcucauggcgggccaca.....	1	0	H34
..... .auucggaggaucauacgaagcaugcc.....	1	0	T71
..... .cggaggaucauacgaagcaugccgcgu.....	1	0	T71
..... .uccaugagcccuaaaucaacgucaagccgugaguu.....	1	0	T71
..... .ugaguaugggcucauggcgggcc.....	2	0	T71
..... .gccuccaugagcccuaaaucaacgucaagccgugaguaGggc.....	1	1	A64
..... .ugaguaGggcucauggcgggcc.....	2	1	A64
..... .ugaguaGggcucauggcgggcca.....	8	1	A64
..... .gaguaGggcucauggcgggcca.....	2	1	A64
..... .aguaGggcucauggcgggcc.....	2	1	A64
..... .aguaGggcucauggcgggccaca.....	1	1	A64
..... .gccuccaugagcccuaaaucaacg.....	1	0	H71
..... .gccuccaugagcccuaau.....	1	0	A02
..... .gccuccaugagcccuaaaucaacguc.....	1	0	A02

## Star

## Mature

aaaaaaauucggaggaucauacgaagcaugccgcgugggccuccaugagagccuaaaucaacgucuaagccgugagauaggcucauggcgggccacacacguuacugaaaguc

.....ugaguaGggcucauggcgggcc.....	3	1	A02
.....ugaguaGggcucauggcgggcca.....	11	1	A02
.....gaguaGggcucauggcgggcca.....	1	1	A02
.....aguaGggcucauggcgggcca.....	6	1	A02
.....gccuccaugagccuaaaucaacguc.....	1	0	B11
.....gccuccaugagccuaaaucaacgucaa.....	2	0	B11
.....ugaguaGggcucauggcggg.....	1	1	B11
.....ugaguaGggcucauggcgggc.....	1	1	B11
.....ugaguaGggcucauggcgggcc.....	3	1	B11
.....ugaguaGggcucauggcgggcca.....	5	1	B11
.....ugaguaGggcucauggcgggccac.....	1	1	B11
.....gaguaGggcucauggcgggcca.....	1	1	B11
.....aguaGggcucauggcgggcca.....	1	1	B11
.....cggaggaucauacgaagcaugcc.....	2	0	E01
.....gccuccaugagccuaaauca.....	1	0	E01
.....gccuccaugagccuaaaucaacg.....	3	0	E01
.....cucaugagccuaaaucaacg.....	1	0	E01
.....uccaugagccuaaaucaacgucaagccgugaguu.....	1	1	E01
.....uccaugagccuaaaucaacgucaagccgugaguuU.....	1	1	E01
.....ugaguauggcucauggcgggcc.....	1	0	E01
.....ugaguauggcucauggcgggccU.....	1	1	E01
.....aguauggcucauggcgggcc.....	1	0	E01
.....aguauggcucauggcgggccU.....	1	1	E01
.....cggaggaucauacgaagcau.....	1	0	E13
.....ucaagccgugaguaGggcucauggcgggcca.....	1	1	E13
.....ugaguaGggcucauggcgggc.....	13	1	E13
.....ugaguauggcucauggcgggc.....	1	0	E13
.....ugaguauggcucauggcgggcc.....	1	0	E13
.....ugaguaGggcucauggcgggcc.....	47	1	E13
.....ugaguaGggcucauggcgggcca.....	67	1	E13
.....ugaguauggcucauggcgggcca.....	1	0	E13
.....ugaguaGggcucauggcgggccac.....	7	1	E13
.....ugaguaGggcucauggcgggccaca.....	1	1	E13
.....gaguaGggcucauggcgggcca.....	5	1	E13
.....aguaGggcucauggcgggc.....	1	1	E13
.....aguaGggcucauggcgggcc.....	6	1	E13
.....aguaGggcucauggcgggcca.....	6	1	E13
.....aguaGggcucauggcgggccaca.....	1	1	E13
.....aguaGggcucauggcgggccacac.....	2	1	E13
.....guaGggcucauggcgggcca.....	1	1	E13
.....gccuccaugagccuaaaucaacgucaagccgugaguuaggc.....	1	0	A44
.....ugaguaGggcucauggcgggc.....	2	1	A01
.....ugaguaGggcucauggcgggcc.....	4	1	A01
.....ugaguaGggcucauggcgggcca.....	25	1	A01
.....aguaGggcucauggcgggcca.....	5	1	A01
.....aguaGggcucauggcgggccac.....	1	1	A01
.....aguaGggcucauggcgggccacaca.....	1	1	A01
.....gccuccaugagccuaaaucaacg.....	1	0	A11
.....ugaguaGggcucauggcggg.....	2	1	A11
.....ugaguaGggcucauggcgggc.....	2	1	A11
.....ugaguaGggcucauggcgggcc.....	2	1	A11
.....ugaguaGggcucauggcgggcca.....	10	1	A11
.....ugaguaGggcucauggcgggccac.....	2	1	A11
.....aguaGggcucauggcgggcc.....	1	1	A11
.....aguaGggcucauggcgggcca.....	2	1	A11
.....gccuccaugagccuaaau.....	1	0	A43
.....ugaguaGggcucauggcgggcca.....	4	1	A43
.....aguaGggcucauggcgggcc.....	2	1	A43
.....aguaGggcucauggcgggcca.....	4	1	A43
.....gccuccaugagccuaaaucaacguc.....	1	0	B03
.....gccuccaugagccuaaaucaacgucaa.....	1	0	B03
.....uccaugagccuaaaucaacgucaagccU.....	1	1	B03

## Star

## Mature

aaaaaaauucggaggaucauacgaagcaugccgcguguggccuccaugagagccuaaaucaacgucuaagccgugagauaggcucauggcggccacacacguuacugaaguc

..... .aguauggcucauggcggcca.....	1	0	B03
..... .ugaguaGggcucauggcg.....	1	1	A54
..... .ugaguaGggcucauggcggc.....	1	1	A54
..... .ugaguaGggcucauggcggcca.....	1	1	A54
..... .aguaGggcucauggcggcc.....	1	1	A54
..... .aguaGggcucauggcggcca.....	2	1	A54
..... .gccuccaugagccuaaaucaac.....	2	0	H23
..... .gccuccaugagccuaaaucaacg.....	3	0	H23
..... .gccuccaugagccuaaaucaacgucaagc.....	1	0	H23
..... .gccuccaugagccuaaaucaacgucaagccgugagauaggc.....	1	0	H23
..... .uccaugagccuaaaucaacgucaagccgugaUu.....	2	1	H23
..... .uccaugagccuaaaucaacgucaagccgugaguanu.....	1	0	H23
..... .caugagccuaaaucaacgucaagccgugaguanuU.....	1	1	H23
..... .augagccuaaaucaacgucaagccgugaU.....	1	1	H23
..... .agccuaaaucaacgucaagccgu.....	1	0	H23
..... .ugaguauggcucauggcggc.....	3	0	H23
..... .ugaguauggcucauggcggcc.....	1	0	H23
..... .ugaguauggcucauggcggccC.....	1	1	H23
..... .aguauggcucauggcggcca.....	1	0	H23
..... .uccaugagccuaaaucaacgucaagccgugaguanu.....	1	0	H03
..... .uccaugagccuaaaucaacgucaagccgugaguanuU.....	1	1	H03
..... .ugaguauggcucauggcggcc.....	2	0	H03
..... .ugaguauggcucauggcggcca.....	1	0	H03
..... .aguauggcucauggcggc.....	2	0	H03
..... .aguauggcucauggcggcca.....	3	0	H03
..... .ugaguaGggcucauggcggc.....	2	1	A12
..... .ugaguaGggcucauggcggcca.....	9	1	A12
..... .ugaguaGggcucauggcggccac.....	1	1	A12
..... .aguaGggcucauggcggcca.....	2	1	A12
..... .uccaugagccuaaaucaacgucaagccgugaguanuU.....	1	1	H14
..... .ugaguauggcucauggcggc.....	1	0	H14
..... .ugaguauggcucauggcggcc.....	3	0	H14
..... .ugaguauggcucauggcggcca.....	3	0	H14
..... .ugaguauggcucauggcggccacU.....	1	1	H14
..... .aguauggcucauggcggcca.....	3	0	H14
..... .uucggaCgaucauacgaagc.....	1	1	H12
..... .augagccuaaaucaacgucaagcc.....	1	0	H12
..... .ugaguaGggcucauggcg.....	2	1	H12
..... .ugaguaGggcucauggcgg.....	1	1	H12
..... .ugaguauggcucauggcggc.....	1	0	H12
..... .ugaguaGggcucauggcggc.....	10	1	H12
..... .ugaguaGggcucauggcggcc.....	17	1	H12
..... .ugaguaGggcucauggcggcca.....	73	1	H12
..... .ugaguaGggcucauggcggccac.....	8	1	H12
..... .aguaGggcucauggcggcca.....	1	1	H12
..... .aguaGggcucauggcggcc.....	2	1	H12
..... .aguauggcucauggcggcc.....	2	0	H12
..... .aguaGggcucauggcggcca.....	5	1	H12
..... .aguaGggcucauggcggccac.....	1	1	H12
..... .aguaGggcucauggcggccacac.....	1	1	H12
..... .ugaguaGggcucauggcggc.....	4	1	T72
..... .ugaguaGggcucauggcggcc.....	4	1	T72
..... .ugaguauggcucauggcggcca.....	2	0	T72
..... .ugaguaGggcucauggcggcca.....	4	1	T72
..... .aguauggcucauggcggc.....	2	0	T72
..... .aguaGggcucauggcggcc.....	2	1	T72
..... .aguauggcucauggcggccU.....	1	1	T72
..... .aguaGggcucauggcggcca.....	2	1	T72
..... .uccaugagccuaaaucaacgucaagccgugaguanuU.....	2	1	H24
..... .ugaguauggcucauggcggc.....	1	0	H24
..... .ugaguauggcucauggcggcc.....	1	0	H24
..... .ugaguauggcucauggcggccU.....	1	1	H24

# Star Mature

aaaaaaaaauucggaggaucauacgaagcaugccgcguguggccuccaugagagccuaaaucaacgucaagccgugaguauggcucauggcgccacacacguuacugaaguc			
.....aguauggcucauggcgcc.....	1	0	H24
.....aguauggcucauggcgccacC.....	1	1	H24
.....gccuccaugagccuaaauacag.....	1	0	H51
.....uccaugagccuaaauacacgucaagccgugaguuU.....	2	1	H51
.....cuaaauacacgucaagccgugaguauggcucauggcgcc.....	1	0	H51
.....ugaguauggcucauggcgcc.....	3	0	H51
.....ugaguauggcucauggcgcc.....	5	0	H51
.....ugaguauggcucauggcgccU.....	1	1	H51
.....aguauggcucauggcgcc.....	1	0	H51
.....Aggccacacacguuacug.....	3	1	H51
.....uccaugagccuaaauacacgucaagccgugagu.....	1	0	R71
.....ugaguauggcucauggcgcc.....	2	0	R71
.....ugaguauggcucauggcgcc.....	1	0	R71
.....ugaguauggcucauggcgccca.....	1	0	R71
.....ugaguaGggcucauggcgcc.....	3	1	H72
.....ugaguaGggcucauggcgcc.....	8	1	H72
.....ugaguauggcucauggcgcc.....	1	0	H72
.....ugaguauggcucauggcgccU.....	1	1	H72
.....ugaguaGggcucauggcgcc.....	11	1	H72
.....ugaguauggcucauggcgcc.....	3	0	H72
.....ugaguaGggcucauggcgccca.....	24	1	H72
.....aguaGggcucauggcgcc.....	1	1	H72
.....aguauggcucauggcgcc.....	3	0	H72
.....aguaGggcucauggcgccca.....	2	1	H72
.....aguauggcucauggcgccca.....	1	0	H72
.....uauucggaggaucauacgaagcaugccg.....	1	0	H32
.....aguauggcucauggcgcc.....	1	0	H32
.....aguauggcucauggcgccca.....	1	0	H32
.....cggaggaucauGcgaagcau.....	1	1	H52
.....cauacgaagcaugcccgucC.....	2	1	H52
.....gccuccaugagccuaaauacag.....	1	0	H52
.....ccuccaugagccuaaauacag.....	2	0	H52
.....ugaguauggcucauggcgcc.....	4	0	H52
.....Aggccacacacguuacug.....	1	1	H52
.....auauucggaCgaucauacga.....	1	1	H61
.....uauucggaggaucauacgaa.....	1	0	H61
.....gaggaucauacgaagcaug.....	1	0	H61
.....gccuccaugagccuaaauacag.....	1	0	H61
.....gccuccaugagccuaaauacag.....	1	0	H61
.....uccaugagccuaaauacacgucaagccgugaguu.....	1	0	H61
.....ugaguauggcucauggcgcc.....	1	0	H61
.....ugaguauggcucauggcgcc.....	3	0	H61
.....cacacacguuacugaGaguc.....	1	1	H61
.....gccuccaugagccuaaauacag.....	4	0	E23
.....uccaugagccuaaauacacgucaagccgugaUu.....	1	1	E23
.....augagccuaaauacacgucaagccgugU.....	1	1	E23
.....augagccuaaauacacgucaagccgugaU.....	1	1	E23
.....ugaguaGggcucauggcgcc.....	9	1	E23
.....ugaguaGggcucauggcgcc.....	34	1	E23
.....ugaguaGggcucauggcgccca.....	114	1	E23
.....ugaguaGggcucauggcgccac.....	5	1	E23
.....gaguaGggcucauggcgccca.....	7	1	E23
.....gaguaGggcucauggcgccaca.....	1	1	E23
.....aguaGggcucauggcgcc.....	6	1	E23
.....aguaGggcucauggcgccca.....	8	1	E23
.....aguaGggcucauggcgccaca.....	2	1	E23
.....gccuccaugagccuaaauacag.....	1	0	A61
.....uccaugagccuaaauacacgucaagccgugaguu.....	1	0	A61
.....gccuccaugagccuaaauacag.....	2	0	H02
.....uccaugagccuaaauacacgucaagccgugaguu.....	1	0	H02
.....uccaugagccuaaauacacgucaagccgugaguuU.....	1	1	H02

## Star

## Mature

aaaaaaauucggaggaucauacgaagcaugccgcguguggccuccaugagcccuaaauacguc <u>aaagccgugaguauggcu</u> augggcgccacacacguuacugaaaguc			
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.....augagcccuaaauacacgucaagccgugaA.....	1	1	H02
.....augagcccuaaauacacgucaagccgugag.....	1	0	H02
.....ugaguaGggcucauggcg.....	2	1	H02
.....ugaguaGggcucauggcg.....	2	1	H02
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.....ugaguaGggcucauggcgcc.....	17	1	H02
.....ugaguaGggcucauggcgccca.....	98	1	H02
.....ugaguaGggcucauggcgccac.....	3	1	H02
.....gaguaGggcucauggcgccca.....	8	1	H02
.....aguaGggcucauggcgcc.....	1	1	H02
.....aguaGggcucauggcgccca.....	8	1	H02
.....aguaGggcucauggcgccac.....	1	1	H02
.....aguaGggcucauggcgccacaca.....	3	1	H02
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.....uccaugagcccuaaauacacgucaagccgugaguuU.....	1	1	H21
.....ugaguaGggcucauggcg.....	1	1	H21
.....ugaguaGggcucauggcgcc.....	7	1	H21
.....ugaguauggcucauggcgcc.....	1	0	H21
.....ugaguaGggcucauggcgcc.....	20	1	H21
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.....ugaguaGggcucauggcgccca.....	40	1	H21
.....ugaguaGggcucauggcgccac.....	3	1	H21
.....gaguaGggcucauggcgccca.....	2	1	H21
.....aguaGggcucauggcgcc.....	3	1	H21
.....aguaGggcucauggcgccca.....	4	1	H21
.....aguaGggcucauggcgccacaca.....	1	1	H21
.....aguauggcucauggcgccacC.....	1	1	H21
.....gccuccaugagcccuaau.....	1	0	B02
.....uccaugagcccuaaauacacgucaagccgugaguu.....	1	0	B02
.....augagcccuaaauacacgucaagccgugaU.....	1	1	B02
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.....ugaguaGggcucauggcgcc.....	5	1	B02
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.....gaguaGggcucauggcgccca.....	2	1	B02
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.....aguaGggcucauggcgccca.....	5	1	B02
.....aguaGggcucauggcgccac.....	1	1	B02
.....aguaGggcucauggcgccacaca.....	1	1	B02
.....aguaGggcucauggcgccacac.....	1	1	B02
.....gccuccaugagcccuaaauacacg.....	2	0	E22
.....uccaugagcccuaaauacac.....	2	0	E22
.....uccaugagcccuaaauacacg.....	3	0	E22
.....uccaugagcccuaaauacacgucaagccgu.....	1	0	E22
.....augagcccuaaauacacgucaagccgu.....	1	0	E22
.....augagcccuaaauacacgucaagccgug.....	1	0	E22
.....augagcccuaaauacacgucaagccgugag.....	1	0	E22
.....augagcccuaaauacacgucaagccgugagu.....	1	0	E22
.....aucacgucaagccgugaguaGggc.....	1	1	E22
.....ucaagccgugaguaGggcucauggcgccca.....	1	1	E22
.....agccgugaguaGggcucaug.....	1	1	E22
.....ugaguaGggcucauggcg.....	10	1	E22
.....ugaguaGggcucauggcgcc.....	75	1	E22
.....ugaguaGggcucauggcgcc.....	157	1	E22
.....ugaguaGggcucauggcgccca.....	469	1	E22
.....ugaguauggcucauggcgccca.....	1	0	E22
.....ugaguaGggcucauggcgccac.....	29	1	E22
.....gaguaGggcucauggcgcc.....	1	1	E22
.....gaguaGggcucauggcgccca.....	14	1	E22
.....aguaGggcucauggcgcc.....	2	1	E22
.....aguaGggcucauggcgcc.....	16	1	E22
.....aguaGggcucauggcgccca.....	32	1	E22
.....aguaGggcucauggcgccac.....	1	1	E22
.....aguaGggcucauggcgccacaca.....	2	1	E22
.....guaGggcucauggcgccca.....	1	1	E22
.....guaGggcucauggcgccacaca.....	2	1	E22



## Star

## Mature

aaaaaaauucggagggaucacgaagcaugccgcguguggccuccaugagcccuaacacgucaagccgugaguauggcucauggcgggccacacacguuacugaaaguc

.....uucggaCgauc <u>au</u> cgaagc.....	1	1	E71
.....gccuccaugagcccuaa <u>ca</u> cg.....	1	0	E71
.....ugaguauggcucauggcggc.....	1	0	E71
.....ugaguauggcucauggcggcc.....	3	0	E71
.....ugaguauggcucauggcgggcca.....	2	0	E71
.....gccuccaugagcccuaa <u>ca</u> cg.....	2	0	H64
.....aaucacgucaagccgugag <u>ua</u> Gggc.....	1	1	H64
.....ugaguaGggcucauggcggc.....	3	1	H64
.....ugaguaGggcucauggcggc.....	6	1	H64
.....ugaguaGggcucauggcggcc.....	34	1	H64
.....ugaguauggcucauggcggcc.....	1	0	H64
.....ugaguaGggcucauggcgggcca.....	112	1	H64
.....ugaguaGggcucauggcgggccac.....	10	1	H64
.....gaguaGggcucauggcgggcca.....	6	1	H64
.....gaguaGggcucauggcgggccac.....	1	1	H64
.....aguaGggcucauggcgggcc.....	4	1	H64
.....aguaGggcucauggcgggcca.....	6	1	H64
.....aguaGggcucauggcgggccac.....	1	1	H64
.....aguaGggcucauggcgggccaca.....	3	1	H64
.....aguaGggcucauggcgggccacac.....	2	1	H64
.....guaGggcucauggcgggccacac.....	1	1	H64
.....ggaCgauc <u>au</u> cgaagcaug.....	1	1	E11
.....gccuccaugagcccuaa <u>ca</u> cU.....	1	1	E11
.....gccuccaugagcccuaa <u>ca</u> cg.....	5	0	E11
.....gccuccaugagcccuaa <u>ca</u> cgucaa.....	1	0	E11
.....uccaugagcccuaa <u>ca</u> cgucaagccgugag <u>ua</u> .....	1	0	E11
.....ccaugagcccuaa <u>ca</u> cgucaagccgugag <u>ua</u> .....	1	0	E11
.....ccaugagcccuaa <u>ca</u> cgucaagccgugag <u>ua</u> A.....	1	1	E11
.....agcccuaa <u>ca</u> cgucaagccgu.....	1	0	E11
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.....ugaguaGggcucauggcggc.....	7	1	E11
.....ugaguaGggcucauggcggcc.....	38	1	E11
.....ugaguaGggcucauggcgggcca.....	79	1	E11
.....ugaguaGggcucauggcgggccac.....	5	1	E11
.....gaguaGggcucauggcgggcca.....	6	1	E11
.....aguaGggcucauggcgggcc.....	1	1	E11
.....aguaGggcucauggcgggcca.....	5	1	E11
.....aguaGggcucauggcgggccacac.....	1	1	E11
.....guaGggcucauggcgggcca.....	1	1	E11
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.....ugaguauggcucauggcggc.....	1	0	H22
.....aguauggcucauggcggc.....	6	0	H22
.....Agggccacacacguuacug.....	1	1	H22
.....ucAaugagcccuaa <u>ca</u> cgucaagccgugag <u>ua</u> .....	1	1	E21
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.....uccaugagcccuaa <u>ca</u> cgucaagccgugag <u>ua</u> U.....	1	1	E21
.....ugaguauggcucauggcggc.....	1	0	E21
.....ugaguauggcucauggcggcc.....	1	0	E21
.....ugaguauggcucauggcgggcca.....	2	0	E21
.....aguauggcucauggcgggcca.....	1	0	E21
.....aguauggcucauggcgggcc.....	1	0	A24
.....gccuccaugagcccuaa <u>ca</u> c.....	1	0	H13
.....ugaguaGggcucauggcg.....	1	1	H13
.....ugaguaGggcucauggcggc.....	3	1	H13
.....ugaguaGggcucauggcggc.....	14	1	H13
.....ugaguaGggcucauggcgggcc.....	23	1	H13
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.....ugaguaGggcucauggcgggcca.....	55	1	H13
.....ugaguaGggcucauggcgggccac.....	1	1	H13
.....ugaguaGggcucauggcgggccaca.....	1	1	H13
.....gaguaGggcucauggcgggcca.....	3	1	H13
.....aguaGggcucauggcgggcca.....	1	1	H13

## Star

## Mature

aaaaaaauucggaggaucauacgaagcaugccgcguguggccuccaugagagccuaaaucaacgucuaagccgugaguaugggcuauggcgggccacacacguuacugaaaguc			
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.....cggaCgaucauacgaagcau.....	1	1	A52
.....cuaaaucaacgucaagccgugaguaugggcuauggcgggcca.....	1	0	A42
.....gccuccaugagccuaaaucaacgucaagccgugaguauggc.....	1	0	A23
.....augagccuaaaucaacgucaagccgugaU.....	1	1	A23
.....ucggaCgaucauacgaagcaug.....	1	1	H54
.....gccuccaugagccuaaaucaacg.....	1	0	H54
.....gccuccaugagccuaaaucaacguA.....	1	1	H54
.....ugaguaGggcucauggcggg.....	1	1	H54
.....ugaguaGggcucauggcgggc.....	5	1	H54
.....ugaguaGggcucauggcgggcc.....	7	1	H54
.....ugaguaGggcucauggcgggcca.....	14	1	H54
.....ugaguaGggcucauggcgggccac.....	1	1	H54
.....gaguaGggcucauggcgggcca.....	1	1	H54
.....aguaGggcucauggcgggcc.....	2	1	H54
.....aguaGggcucauggcgggcca.....	1	1	H54
.....gccuccaugagccuaaaucaacgucaa.....	1	0	B13
.....ugaguaGggcucauggcgggcc.....	4	1	B13
.....ugaguaGggcucauggcgggcca.....	1	1	B13
.....aguaGggcucauggcgggcc.....	1	1	B13
.....aguaGggcucauggcgggcca.....	4	1	B13
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.....aguaGggcucauggcgggcc.....	2	1	H73
.....aguaGggcucauggcgggcca.....	3	1	H73
.....aguaGggcucauggcgggccaca.....	1	1	H73
.....ugaguauggcucauggcgggc.....	4	0	H74
.....ugaguauggcucauggcgggcc.....	2	0	H74
.....ugaguauggcucauggcgggccU.....	1	1	H74
.....ugaguauggcucauggcgggcca.....	3	0	H74
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.....Agggccacacacguuacug.....	1	1	H74
.....cggaggaucauacgaagcaug.....	1	0	R72
.....cggaggaucaAacgaagcaug.....	1	1	R72
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.....aguauggcucauggcgggccU.....	1	1	R72
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.....ugaguaGggcucauggcgggcca.....	1	1	R74
.....ugaguaGggcucauggcgggccac.....	1	1	R74
.....gaguaGggcucauggcgggc.....	1	1	R74
.....aguaGggcucauggcgggc.....	5	1	R74
.....aguaGggcucauggcgggcc.....	5	1	R74
.....aguaGggcucauggcgggcca.....	3	1	R74
.....aguaGggcucauggcgggccac.....	1	1	R74
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# Star Mature

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.....cuccaugagagcccuauacacg.....	1	0	B01
.....uccaugagagcccuauacacgucaagccgugaguu.....	1	0	B01
.....ugaguaugggcucauggcgggcca.....	1	0	B01
.....aguaugggcucauggcgggcca.....	2	0	B01
.....uccaugagagcccuauacacgucaagccguga.....	1	0	H53
.....uccaugagagcccuauacacgucaagccgugaguu.....	2	0	H53
.....ugaguaugggcucauggcgggc.....	2	0	H53
.....ugaguaugggcucauggcgggc.....	1	0	H53
.....ugaguaugggcucauggcgggcU.....	1	1	H53
.....aguaugggcucauggcgggc.....	2	0	H53
.....aguaugggcucauggcgggc.....	1	0	H53
.....aguaugggcucauggcgggcac.....	1	0	H53
.....Agggccacacacguuacug.....	1	1	H53
.....cggaggaucauacgaagcaugccg.....	1	0	H33
.....augagagcccuauacacgucaagccgugaA.....	1	1	H33
.....ugaguaugggcucauggcgggc.....	1	0	H33
.....ugaguaugggcucauggcgggcca.....	2	0	H33
.....cggccacacacguuacug.....	1	0	H33
.....Agggccacacacguuacug.....	2	1	H33
.....gccuccaugagagcccuauacacgC.....	1	1	E03
.....auucggaggaucauacgaagcaugcc.....	1	0	H44
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.....gccuccaugagagcccuauacacgu.....	1	0	H44
.....gccuccaugagagcccuauacacguA.....	1	1	H44
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.....cuccaugagagcccuauacacguA.....	1	1	H44
.....uccaugagagcccuauacacgucaagccgugagu.....	1	0	H44
.....augagagcccuauacacgucaagccggu.....	1	0	H44
.....augagagcccuauacacgucaagccgugaU.....	1	1	H44
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.....ugaguaGgggcucauggcg.....	1	1	H44
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.....ugaguaGgggcucauggcgggcca.....	27	1	H44
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.....gaguaGgggcucauggcgggcca.....	3	1	H44
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.....aguaGgggcucauggcgggc.....	4	1	H44
.....aguaGgggcucauggcgggcca.....	5	1	H44
.....aguaGgggcucauggcgggcac.....	1	1	H44
.....guaGgggcucauggcgggcca.....	1	1	H44
.....uccaugagagcccuauacacgucaagccgugaguaG.....	1	1	H63
.....gccuccaugagagcccuauacacguca.....	1	0	B04
.....uccaugagagcccuauacacgucaagccgugagua.....	1	0	B04
.....uccaugagagcccuauacacgucaagccgugaguu.....	2	0	B04
.....aguaugggcucauggcgggcca.....	1	0	B04
.....gccuccaugagagcccuauacacg.....	1	0	H01
.....cuccaugagagcccuauacac.....	1	0	H01
.....uccaugagagcccuauacacgucaagccgugaguuU.....	2	1	H01
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.....gaguaGgggcucauggcgggcca.....	2	1	H01
.....aguaGgggcucauggcgggc.....	2	1	H01
.....aguaGgggcucauggcgggcca.....	7	1	H01
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Star

Mature

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.....aguaGggcucauggcgggccacac.....	3	1	H01
.....auucggaggaucauacgaagcaugcc.....	1	0	H43
.....gccuccaugagcccuauc.....	2	0	H43
.....gccuccaugagcccuaauca.....	1	0	H43
.....augagcccuaaucacgucaagccgu.....	1	0	H43
.....agcccuaaucacgucaagccgu.....	1	0	H43
.....ugaguaugggcucauggcgggc.....	5	0	H43
.....ugaguaugggcucauggcgggc.....	1	0	H43
.....aguaugggcucauggcgggc.....	2	0	H43