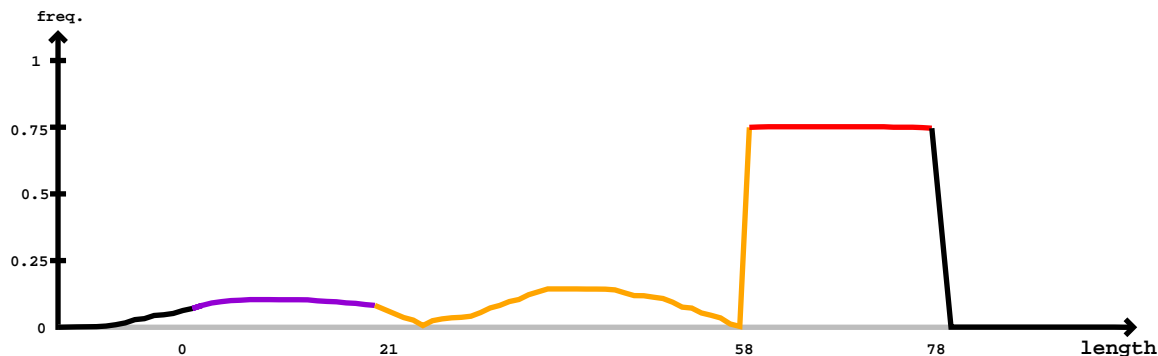
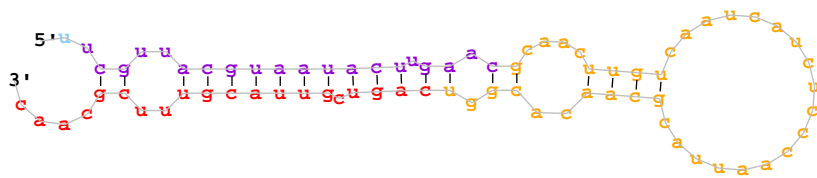


Provisional ID : Z\_48283  
 Score total : 1027.6  
 Score for star read(s) : 3.9  
 Score for read counts : 1057  
 Score for mfe : -30.4  
 Score for randfold : -2.2  
 Score for cons. seed : -0.6  
 Total read count : 2085  
 Mature read count : 1648  
 Loop read count : 316  
 Star read count : 121



## Star

## Mature

5'	obs	exp	reads	mm	sample
ccucucccaaaaucgguuacguaauacuugaacgcaacuugucaaucaucucccauuacgcaacacggucagucguuacgguuucgcaacc	1	1	1	0	H53
ccucucccaaaaucgguuacguaauacuugaacgcaacuugucaaucaucucccauuacgcaacacggucagucguuacgguuucgcaacc	1	0	1	0	H53
.....(((.....(((.....(((.....(((.....)))).....)))).....)))).....)).....	1	0	1	0	H53
.....cccaaaauucgguuacguaauacuugaac.....	1	0	1	0	H53
.....ucgguuacguaauacuugaac.....	1	0	1	0	H53
.....cguuacguaauacuugaacg.....	1	0	1	0	H53
.....guuacguaauacuugaacAc.....	1	0	1	0	H53
.....acguaauacuugaacgcUa.....	1	0	1	0	H53
.....cuugucaaucaucucccaa.....	1	0	1	0	H53
.....cuugucaaucaucucccaa.....	1	0	1	0	H53
.....ugucaaucaucucccauuacg.....	1	0	1	0	H53
.....ucaaucaucucccauuacg.....	1	0	1	0	H53
.....aucaucucccauuacgcaa.....	1	0	1	0	H53
.....aucaucucccauuacgcaaca.....	1	0	1	0	H53
.....ucaucucccauuacgcaac.....	1	0	1	0	H53
.....ucaucucccauuacgcaaca.....	1	0	1	0	H53
.....aucucccauuacgcaacacg.....	1	0	1	0	H53
.....ucucccauuacgcaacac.....	1	0	1	0	H53
.....cuucccauuacgcaacacg.....	3	0	1	0	H53
.....cagucguuacgguuucgcaa.....	1	0	1	0	H53
.....cagucguuacgguuucgcaa.....	1	0	1	0	H53
.....cagucguuacgguuucgcaa.....	1	0	1	0	H53
.....cagucguuacgguuucgcaa.....	1	0	1	0	H53
.....cagucguuacgguuucgcaa.....	39	0	1	0	H53
.....uugucaaucaucucccauu.....	1	0	1	0	H33
.....uugucaaucaucucccauuacg.....	1	0	1	0	H33
.....caucaucucccauuacgca.....	2	0	1	0	H33
.....aaucucccauuacgca.....	2	0	1	0	H33
.....ucaucucccauuacgcaac.....	1	0	1	0	H33
.....caucucccauuacgcaaca.....	2	0	1	0	H33
.....aucucccauuacgcaacacg.....	1	0	1	0	H33
.....cagucguuacgguuucgcaa.....	13	0	1	0	H33
.....cguuacguaauacuugaacg.....	1	0	1	0	R74
.....ucccaaaaucgguuacguaau.....	1	0	1	0	H44

## Star

## Mature

ccucucccaaaauucgguuacguuacuugaacgcaacuugucaaucaucuccaaauuacgcaacacggucagucguuacgguuucgcaaccgauaccaaucaaacuuagugc			
....Ccccaaaauucgguuacguuacuuga.....	1	1	H44
.....guuacguuacuugaacgcG.....	1	1	H44
.....cuugucaaucaucuccca.....	1	0	H44
.....cuugGcaaucaucuccca.....	1	1	H44
.....cuugucaaucaucuccca.....	2	0	H44
.....uugucaaucaucucccaGu.....	2	1	H44
.....caaucaucucccaGuacg.....	1	1	H44
.....caaucaucucccaGuacgc.....	3	1	H44
.....aaucaucucccaGuacgca.....	2	1	H44
.....aucaucucccaGuacgcaac.....	1	1	H44
.....ucaucucccaGuacgcaac.....	1	1	H44
.....caucucccaGuacgcaaca.....	4	1	H44
.....caucucccaGuacgcaacacg.....	1	1	H44
.....aucucccaGuacgcaacac.....	3	1	H44
.....aucucccaGuacgcaacacg.....	1	1	H44
.....ucucccaGuacgcaacacg.....	2	1	H44
.....cucccaGuacgcaacacg.....	1	1	H44
.....cucccaGuacgcaacacgg.....	1	1	H44
.....acggGcagucguuacgguuuc.....	1	1	H44
.....cagucguuacgguuucgcaa.....	2	0	H44
.....cagucguuacgguuucgcaac.....	125	0	H44
.....cagucguuacgguuucgAaac.....	1	1	H44
.....cGgucguuacgguuucgcaac.....	2	1	H44
.....cagucguuacgguuucgcaaU.....	1	1	H44
.....cagucguuacgguuucgcaacA.....	1	1	H44
.....cagucguuacgguuucgcaacc.....	1	0	H44
.....agucguuacgguuucgcaac.....	1	0	H44
.....uucguuacguuacuugaac.....	1	0	H01
.....uucguuacguuacuugaacg.....	1	1	H01
.....ucguuacgGaaucuugaac.....	1	1	H01
.....ucaaucaucuccaaauacgc.....	1	0	H01
.....aaucaucuccaaauacgca.....	1	0	H01
.....cagucguuacgguuucgcaac.....	10	0	H01
.....uucguuacguuacuugaac.....	1	0	H63
.....uuacguuacuugaacgcG.....	1	1	H63
.....acuugucaaucaucuccca.....	1	0	H63
.....caaucaucuccaaauacgc.....	1	0	H63
.....aucaucuccaaauacgcaac.....	1	0	H63
.....aucuccaaauacgcaacacg.....	1	0	H63
.....ucuccaaauacgcaacacgg.....	1	0	H63
.....cuccaaauacgcaacacgg.....	1	0	H63
.....cagucguuacgguuucgcaac.....	12	0	H63
.....ccauaccaaucaaacuuagug.....	1	0	H63
.....aaaauucguuacguuacuugaacgcU.....	1	1	H43
.....cuugucaaucaucucccaau.....	2	0	H43
.....caaucaucucccaauuacgc.....	1	0	H43
.....aaucaucucccaauuacgca.....	1	0	H43
.....aucaucucccaauuacgcaac.....	1	0	H43
.....ucaucucccaauuacgcaac.....	1	0	H43
.....ucaucucccaauuacgcaaca.....	1	0	H43
.....aucuccaaauacgcaacac.....	1	0	H43
.....ucuccaaauacgcaacacg.....	1	0	H43
.....cagucguuacgguuucgAaac.....	1	1	H43
.....cagucguuacgguuucgcaac.....	58	0	H43
.....ccaaaauucguuacgGaaua.....	1	1	E03
.....uugucaaucaucucccaauuac.....	1	0	E03
.....aaucaucucccaauuacgca.....	1	0	E03
.....ccaaaauucguuacguuacGacuugaacg.....	1	1	H74
.....ccaaaauucguuacguuacuugaacgcU.....	1	1	H74
.....caaaaauucguuacguuacuugaac.....	1	0	H74
.....aaaauucgGuacguuacuuga.....	1	1	H74
.....aaaauucguuacguuacuugaacg.....	1	0	H74
.....aaaauucguuacguuacuugaacgcU.....	1	1	H74
.....aaUAcguuacguuacuug.....	1	1	H74
.....uucguuacguuacuugaac.....	1	0	H74

## Star

## Mature

ccucucccaaaaucgguuacguaauacuugaacgcaacuugucaaucaucucccaauuacgcaacacggucagucguuacgguuucgcaaccauacaaucaaacuuagugc			
.....cguuacguaauacuugaacg.....	1	0	H74
.....uuacguaauacuugaacg.....	1	0	H74
.....cuugucaaucaucucccaauuac.....	1	0	H74
.....ucaucucccaauuacgcaac.....	1	0	H74
.....acggAcagucguuacgguuuc.....	1	1	H74
.....cagucguuacgguuucgcaa.....	1	0	H74
.....cagucguuacgguuucgcaac.....	44	0	H74
.....ucccaaaaucgguuacguaauacuugaac.....	1	0	R72
.....caaaaucgguuacgGaaucacuugaacgc.....	1	1	R72
.....auucgguuacguaauacuuga.....	1	0	R72
.....uucgguuacguaauacuugaa.....	1	0	R72
.....cguuacguaauacuugaacg.....	1	0	R72
.....cguuacguaauacuugaacgc.....	1	0	R72
.....guAcguaauacuugaacgc.....	1	1	R72
.....uuacguaauacuugaacgcC.....	1	1	R72
ccCucccaaaaucgguua.....	1	1	H54
.....guuacgGaaucacuugaacgc.....	1	1	H54
.....ugucaaucaucucccaauuac.....	1	0	H54
.....caaucaucucccaauuacgc.....	1	0	H54
.....aucucccaauuacgcaacac.....	1	0	H54
.....cagucguuacgguuucgcaac.....	20	0	H54
.....cccaaaaucgguuacguaauacuugaacgcU.....	1	1	H73
.....ccaaaucgguuacguaaCacuugaac.....	1	1	H73
.....ccaaaucgguuacguaauacuugaacg.....	1	0	H73
.....aaaaucgguuacguaauacuugaac.....	1	0	H73
.....aaaucgguuacguaauacuugaacg.....	1	0	H73
.....guGacguaauacuugaacgc.....	1	1	H73
.....caGucaucucccaauuacgc.....	1	1	H73
.....ucaucucccaauuacgcaac.....	1	0	H73
.....ucucccaauuacgcaacacg.....	3	0	H73
.....cagucguuacgguuucgca.....	1	0	H73
.....cagucguuacgguuucgcaUc.....	1	1	H73
.....cagucguuacgguuucgcaac.....	63	0	H73
.....caCucguuacgguuucgcaac.....	1	1	H73
.....cagucguuacgguuucgcaacA.....	3	1	H73
.....cagucguuacgguuucgcaac.....	1	0	A52
.....aaaaucguGacguaauacu.....	1	1	A42
.....cguuacguaauacuugaacg.....	1	0	H13
.....caaucaucucccaauuacgc.....	1	0	H13
.....cucccaauuacgcaacacg.....	1	0	H13
.....cagucguuacgguuucgcaac.....	12	0	H13
.....ucaucucccaauuacgcaac.....	1	0	A23
.....cagucguuacgguuucgcaac.....	2	0	A23
.....cagucguuacgguuucgcaacA.....	1	1	A23
.....cuugucaaucaucucccaauuacgc.....	1	0	H21
.....uugucaaucaucucccaau.....	1	0	H21
.....aaucaucucccaauuacgca.....	1	0	H21
.....ucaucucccaauuacgcaac.....	1	0	H21
.....aucucccaauuacgcaacac.....	1	0	H21
.....cagucguuacgguuucgcaac.....	15	0	H21
.....auucgguuacguaauacuugaac.....	1	0	E22
.....uucgguuacguaauacuugaa.....	1	0	E22
.....ucguuacguaauacuugaac.....	1	0	E22
.....acuugucaaucaucucccaauuacg.....	1	0	E22
.....cuugucaaucaucucccaau.....	1	0	E22
.....caaucaucucccaauuacgc.....	4	0	E22
.....caaucaucucccaauuacgcC.....	1	1	E22
.....aaucaucucccaauuacgca.....	3	0	E22
.....aucaucucccaauuacgcaac.....	1	0	E22
.....aucucccaauuacgcaacac.....	3	0	E22
.....cagucguuacgguuucgcaac.....	53	0	E22

## Star

## Mature

ccucucccaaaauucgguuacguaauacuugaacgcaacuuugucaaucaucucccaauuacgcaacacggucagucgguuacgguuucgcaaccuaucaaucaaacuuagugc

.....aaaauucguuacguaauacuugaacgcU.....	1	1	B02
.....aaauAcguuacguaauacuugaacg.....	1	1	B02
.....uucguuacguaauacuugaa.....	1	0	B02
.....ucguuacguaauacuugaac.....	1	0	B02
..ucucccaaaauucgguuacguaauacuug.....	1	0	H02
.....cuugucaaucaucucccaau.....	1	0	H02
.....cucccaauuacgcaacacg.....	1	0	H02
.....cagucgguuacgguuucgcaac.....	8	0	H02
.....ccaaaauuAguuacguaau.....	1	1	E71
.....aaaauucguuacguaauacuugUa.....	1	1	E71
.....auucguuacguaauacuuga.....	1	0	E71
.....auucguuacguaauacuugUa.....	1	1	E71
.....auucguuacguaauacuugaac.....	1	0	E71
.....ucguuacguaauacuugaGc.....	1	1	E71
.....acuugucaaucaucucccaa.....	1	0	E71
.....caaucaucucccaauuacgc.....	1	0	E71
.....aucucccaauuacgcaacac.....	1	0	E71
.....cagucgguuacgguuCgcgaac.....	1	1	E71
.....cagucgguuacCuuucgcaac.....	1	1	E71
.....cagucgguuacgguuucgcaac.....	16	0	E71
.....cagucgguuacgguuucgcaCc.....	1	1	E71
.....ccaaaauucguuacguaauacAugaac.....	1	1	H61
.....caaaauucguuacguaauacu.....	1	0	H61
.....aaaauucguuacguaauacuugGac.....	1	1	H61
.....cuugucaaucaucucccaau.....	1	0	H61
.....ucaaucaucucccaauuacgc.....	1	0	H61
.....caaucaucucccaauuacgca.....	1	0	H61
.....aaucaucucccaauuacgca.....	1	0	H61
.....cagucgguuacgguuucgcaac.....	9	0	H61
.....Guucguuacguaauacuugaacgc.....	1	1	A61
.....ccaaaauucguuacguaauacuugaacgcU.....	1	1	E23
.....cguuacguaauacuugaacg.....	1	0	E23
.....cagucgguuacgguuucgcaac.....	18	0	E23
.....cagucgguuacgguuucgAaac.....	1	1	E23
.....gucguuacgguuucgcaac.....	1	0	E23
.....ccaaaauucguuaUguaaua.....	1	1	A24
.....aaaauucguuacguaauacu.....	1	0	A24
.....aaaauucguuacguaauacuugaacgcU.....	1	1	A24
.....aaucaucucccaauuacgcaa.....	1	0	A24
.....cuugucaaucaucucccaau.....	1	0	H64
.....cuugucaaucaucucccaau.....	1	0	H64
.....cagucgguuacgguuucgcaac.....	22	0	H64
.....gucguuacgguuucgcaac.....	1	0	H64
.....cuugucaaucaucucccaau.....	3	0	E21
.....uugucaaucaucucccaau.....	1	0	E21
.....gucaaucaucucccaauuac.....	1	0	E21
.....cagucgguuacgguuucgcaac.....	23	0	E21
.....ucguuacguaauacuugaac.....	1	0	E11
.....cagucgguuacgguuucgcaac.....	4	0	E11
ccCcucccaaaauucgguuacg.....	1	1	H22
...uUccaaaauucguuacguaau.....	1	1	H22
...Ccccaaaauucguuacguaauacuugaac.....	1	1	H22
.....uucguuacguaauacuugaa.....	1	0	H22
.....cuugucaaucaucucccaau.....	2	0	H22
.....uugucaaucaucucccaau.....	1	0	H22
.....aaucaucucccaauuacgca.....	1	0	H22
.....aucaucucccaauuacgca.....	1	0	H22
.....ucaucucccaauuacgcaac.....	2	0	H22
.....ucaucucccaauuacgcaacacg.....	1	0	H22

## Star

## Mature

ccucucccaaaa <u>u</u> cg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacgcaac <u>u</u> gu <u>g</u> ca <u>u</u> ca <u>u</u> caucuccca <u>u</u> uacgcaacacgggucagucg <u>uu</u> acg <u>uu</u> ucgcaac <u>ca</u> uacaa <u>u</u> caaac <u>u</u> uagucg			
.....ucuccca <u>u</u> uacgcaacacg.....	7	0	H22
.....Gu <u>cc</u> ca <u>u</u> uacgcaacacg.....	1	1	H22
.....cu <u>cc</u> ca <u>u</u> uacgcaacacgg.....	1	0	H22
.....ca <u>A</u> ucg <u>uu</u> acg <u>uu</u> ucgcaac.....	1	1	H22
.....cGgucg <u>uu</u> acg <u>uu</u> ucgcaac.....	1	1	H22
.....cagucg <u>uu</u> acg <u>uu</u> ucgcaGc.....	2	1	H22
.....cagucU <u>uu</u> acg <u>uu</u> ucgcaac.....	1	1	H22
.....cagucg <u>uu</u> acg <u>uu</u> ucgAaac.....	1	1	H22
.....cagucg <u>uu</u> acg <u>uu</u> ucgcUac.....	1	1	H22
.....cagucg <u>uu</u> acg <u>uu</u> ucgcaac.....	127	0	H22
...cu <u>cc</u> ca <u>u</u> uacg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaac.....	1	0	H72
...u <u>cc</u> ca <u>u</u> uacg <u>uu</u> acg <u>ua</u> auac <u>u</u> g.....	1	0	H72
...c <u>ca</u> aa <u>u</u> uacg <u>uu</u> acg <u>ua</u> auac <u>u</u> .....	1	0	H72
...c <u>ca</u> aa <u>u</u> uacg <u>uu</u> acg <u>ua</u> auac <u>u</u> g.....	1	0	H72
...c <u>ca</u> aa <u>u</u> uacg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacg.....	1	0	H72
...c <u>ca</u> aa <u>u</u> uacg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacgcU.....	2	1	H72
...a <u>aa</u> u <u>u</u> acg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaac.....	1	0	H72
...a <u>aa</u> u <u>u</u> acg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacg.....	1	0	H72
...a <u>aa</u> u <u>u</u> acg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacgcU.....	3	1	H72
...a <u>aa</u> u <u>u</u> acg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacgcU.....	1	1	H72
...a <u>au</u> ucg <u>uu</u> Gcg <u>ua</u> auac <u>u</u> g.....	1	1	H72
...a <u>au</u> ucg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacgcU.....	1	1	H72
...a <u>u</u> ucg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaac.....	1	0	H72
...a <u>u</u> ucg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacgcU.....	6	1	H72
...u <u>u</u> cg <u>uu</u> acg <u>ua</u> auac <u>u</u> gaacgcU.....	1	1	H72
...A <u>cg</u> u <u>u</u> acg <u>ua</u> auac <u>u</u> gaac.....	1	1	H72
...c <u>g</u> u <u>u</u> acg <u>ua</u> auac <u>u</u> gaac.....	1	0	H72
...c <u>u</u> gu <u>g</u> ca <u>u</u> cauc <u>u</u> ccca <u>u</u> .....	1	0	H72
...c <u>u</u> gu <u>g</u> ca <u>u</u> cGuc <u>u</u> ccca <u>u</u> .....	1	1	H72
...c <u>a</u> u <u>u</u> cauc <u>u</u> ccca <u>u</u> uacg.....	2	0	H72
...a <u>u</u> c <u>u</u> ccca <u>u</u> uacgcaacacg.....	1	0	H72
...c <u>u</u> ccca <u>u</u> uacgcaacacg.....	1	0	H72
...acggA <u>ca</u> gucg <u>uu</u> acg <u>uu</u> uc.....	1	1	H72
...cagucg <u>uu</u> acg <u>uu</u> ucgca.....	1	0	H72
...cagucg <u>uu</u> acg <u>uu</u> ucgca.....	1	0	H72
...cagucg <u>uu</u> acg <u>uu</u> ucgcaac.....	13	0	H72
...c <u>g</u> u <u>u</u> acg <u>ua</u> auac <u>u</u> gaacg.....	1	0	H32
...u <u>u</u> acg <u>ua</u> auac <u>u</u> gaacgca.....	1	0	H32
...u <u>u</u> acg <u>ua</u> auac <u>u</u> gaacgcG.....	1	1	H32
...c <u>a</u> u <u>u</u> cauc <u>u</u> ccca <u>u</u> uacg.....	1	0	H32
...a <u>u</u> ucauc <u>u</u> ccca <u>u</u> uacgca.....	1	0	H32
...c <u>a</u> uc <u>u</u> ccca <u>u</u> uacgcaacacg.....	1	0	H32
...a <u>u</u> c <u>u</u> ccca <u>u</u> uacgcaacac.....	1	0	H32
...a <u>u</u> c <u>u</u> ccca <u>u</u> uacgcaacacg.....	2	0	H32
...cagucg <u>uu</u> acg <u>uu</u> ucgcaac.....	18	0	H32
...c <u>cc</u> aa <u>u</u> uacg <u>uu</u> acg <u>ua</u> u.....	1	0	H52
...u <u>ca</u> aucauc <u>u</u> ccca <u>u</u> uacg.....	1	0	H52
...a <u>u</u> ucauc <u>u</u> ccca <u>u</u> uacgca.....	1	0	H52
...a <u>u</u> ucauc <u>u</u> ccca <u>u</u> uacgcaaca.....	1	0	H52
...c <u>a</u> uc <u>u</u> ccca <u>u</u> uacgcaacacC.....	1	1	H52
...cagucg <u>uu</u> acg <u>uu</u> ucgcaac.....	28	0	H52
...cagucg <u>uu</u> acg <u>uu</u> ucgcaacA.....	1	1	H52
...c <u>cc</u> aa <u>u</u> uacg <u>uu</u> acg <u>ua</u> uac <u>u</u> ga.....	1	1	H51
...c <u>cc</u> aa <u>u</u> uacg <u>uu</u> acg <u>ua</u> uac <u>u</u> gaacg.....	1	0	H51
...c <u>u</u> gu <u>g</u> ca <u>u</u> cauc <u>u</u> ccca <u>u</u> .....	1	0	H51
...c <u>u</u> gu <u>g</u> ca <u>u</u> cauc <u>u</u> ccca <u>u</u> u.....	1	0	H51
...c <u>u</u> gu <u>g</u> ca <u>u</u> cauc <u>u</u> ccca <u>u</u> A.....	1	1	H51
...u <u>g</u> u <u>g</u> ca <u>u</u> cauc <u>u</u> ccca <u>u</u> .....	1	0	H51
...u <u>ca</u> aucauc <u>u</u> ccca <u>u</u> uacg.....	1	0	H51
...a <u>u</u> ucauc <u>u</u> ccca <u>u</u> uacgca.....	1	0	H51
...a <u>u</u> ucauc <u>u</u> ccca <u>u</u> uacgcaacac.....	1	0	H51
...a <u>u</u> cauc <u>u</u> ccca <u>u</u> uacgcaac.....	1	0	H51
...a <u>u</u> cauc <u>u</u> ccca <u>u</u> uacgcaacacgg.....	1	0	H51
...u <u>ca</u> uc <u>u</u> ccca <u>u</u> uacgcaac.....	2	0	H51
...cagucg <u>uu</u> acg <u>uu</u> ucgcaac.....	44	0	H51
...cagucg <u>uu</u> acg <u>uu</u> ucgcaac.....	3	0	A22

## Star

## Mature

ccucucccaaaaucguuacguaaacuugaacgcaaccuugucaaucaucucccauuacgcaaccggucagucguuacguuucgcaaccauacaaucaaacuuagugc

.....caaaa <u>uuc</u> guuacgua <u>aa</u> uc.....	1	0	H24
.....a <u>U</u> uucguuacgua <u>aa</u> cu <u>ug</u> .....	1	1	H24
.....acgua <u>aa</u> cu <u>uga</u> acgc <u>U</u> ac.....	1	1	H24
.....acu <u>ugu</u> ca <u>au</u> ca <u>uc</u> uccca <u>uu</u> .....	1	0	H24
.....cu <u>ugu</u> ca <u>au</u> ca <u>uc</u> uccca <u>uu</u> ac.....	1	0	H24
.....cu <u>ugu</u> ca <u>au</u> ca <u>uc</u> uccca <u>uu</u> acgc <u>C</u> .....	1	1	H24
.....uguca <u>au</u> ca <u>uc</u> uccca <u>uu</u> acg.....	1	0	H24
.....uca <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> .....	1	0	H24
.....ca <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> ac.....	1	0	H24
.....a <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> acg.....	2	0	H24
.....cu <u>cc</u> ca <u>uu</u> acgca <u>ac</u> acg.....	5	0	H24
.....cagucgu <u>ua</u> cgu <u>u</u> Acgca <u>ac</u> .....	1	1	H24
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>ac</u> .....	98	0	H24
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>Gc</u> .....	1	1	H24
.....cGgucgu <u>ua</u> cgu <u>uu</u> cgca <u>ac</u> .....	1	1	H24
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>Uc</u> .....	1	1	H24
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>U</u> .....	1	1	H24
.....cagucgu <u>ua</u> Ag <u>uu</u> cgca <u>ac</u> .....	1	1	H24
.....uccca <u>aa</u> G <u>uuc</u> guuacgua <u>aa</u> .....	1	1	R71
.....ccca <u>aaa</u> uucguuacgua <u>aa</u> .....	1	0	R71
.....ccaa <u>uu</u> cguuacgua <u>aa</u> cu.....	1	0	R71
.....aaa <u>uu</u> cguuacgua <u>aa</u> cu.....	1	0	R71
.....ucguuacgua <u>aa</u> cu <u>uga</u> ac.....	2	0	R71
.....ca <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> .....	1	0	R71
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>ac</u> .....	1	0	R71
ccucucccaaaa <u>uuc</u> guuacgua <u>aa</u> cu <u>uga</u> acgc <u>U</u> .....	1	1	A31
.....a <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> acg.....	1	0	A31
.....cu <u>cc</u> ca <u>uu</u> acgca <u>ac</u> acg.....	1	0	A31
cC <u>u</u> ucccaaaa <u>uuc</u> guuacgua <u>aa</u> cu <u>uga</u> .....	1	1	A63
.....cguG <u>ac</u> gua <u>aa</u> cu <u>uga</u> acg.....	1	1	A63
.....acgua <u>aa</u> cu <u>uga</u> acgc <u>U</u> ac.....	1	1	A63
.....aa <u>u</u> ca <u>uc</u> uccca <u>uu</u> acgca.....	1	0	A63
.....cccU <u>aa</u> uucguuacgua <u>aa</u> cu <u>uga</u> ac.....	1	1	H14
.....aaaG <u>uuc</u> guuacgua <u>aa</u> cu.....	1	1	H14
.....aa <u>uuc</u> guuacgua <u>aa</u> cu <u>uga</u> .....	1	0	H14
.....guuacgG <u>aa</u> cu <u>uga</u> acgc.....	1	1	H14
.....acu <u>ugu</u> ca <u>au</u> ca <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> .....	1	0	H14
.....ca <u>au</u> ca <u>uc</u> uccca <u>uu</u> acgc.....	1	0	H14
.....ca <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> .....	1	0	H14
.....a <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> ac.....	1	0	H14
.....a <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> acg.....	2	0	H14
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>ac</u> .....	21	0	H14
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>Gc</u> .....	1	1	H14
.....agucgu <u>ua</u> cgu <u>uu</u> cgca <u>ac</u> .....	1	0	H14
.....uAcguuacgua <u>aa</u> cu <u>uga</u> ac.....	1	1	T72
.....uuacgua <u>aa</u> cu <u>uga</u> acgc <u>ac</u> .....	1	0	T72
.....acgua <u>aa</u> cu <u>uga</u> acgc <u>acC</u> .....	1	1	T72
.....ca <u>au</u> ca <u>uc</u> uccca <u>uu</u> acgc.....	1	0	T72
.....aCucguuacgua <u>aa</u> cu <u>uga</u> .....	1	1	H12
.....a <u>u</u> ca <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> .....	1	0	H12
.....a <u>u</u> ca <u>uc</u> uccca <u>uu</u> acgca <u>ac</u> .....	1	0	H12
.....ucucccG <u>au</u> uacgca <u>ac</u> acg.....	1	1	H12
.....cu <u>cc</u> ca <u>uu</u> acgca <u>ac</u> acg.....	1	0	H12
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>ac</u> .....	37	0	H12
.....cagucU <u>uu</u> acggu <u>uu</u> cgca <u>ac</u> .....	1	1	H12
.....aaCucguuacgua <u>aa</u> cu <u>ug</u> .....	1	1	H03
.....cu <u>ugu</u> ca <u>au</u> ca <u>uc</u> uccca <u>uu</u> .....	2	0	H03
.....u <u>u</u> guca <u>au</u> ca <u>uc</u> uccca <u>uu</u> .....	1	0	H03
.....u <u>ca</u> ucuccca <u>uu</u> acgca <u>ac</u> .....	1	0	H03
.....cagucgu <u>ua</u> cgu <u>uu</u> cgca <u>ac</u> .....	26	0	H03
.....cu <u>ugu</u> ca <u>au</u> ca <u>uc</u> uccca <u>uu</u> .....	1	0	H23

## Star

## Mature

ccucucccaaaaucgguuacguaauacuugaacgcaacuugugcaaucaucucccaauuacgcaacacggucagucgguuacgguuucgcaaccgaucaaucaaacuuagugc			
.....cuugucaaucaucucccaauuacU.....	1	1	H23
.....cuugucaaucaucucccaauuacgcaac.....	1	0	H23
.....ugucaaucaucucccaauuac.....	2	0	H23
.....ucaucaucucccaauuacgU.....	3	1	H23
.....caaucaucucccaauuacgc.....	2	0	H23
.....aaucaucucccaauuacgca.....	1	0	H23
.....aucucccaauuacgcaacacg.....	2	0	H23
.....aucucccaauuacgcaac.....cagucgguuacgguuAagcaac.....	1	1	H23
.....cagucgguuacgguuucgcaac.....	64	0	H23
.....cGgucgguuacgguuucgcaac.....	1	1	H23
.....cagucgguuAagguuucgcaac.....	1	1	H23
.....ucccaaaaucgguuacguaauacu.....	1	0	T71
.....cccaaaaucgguuacgGaa.....	1	1	T71
.....aaaaucgguuacguaauacuugaacgcU.....	1	1	T71
.....auucgguuacguaauacuugaacgcU.....	1	1	T71
.....cagucgguuacgguuucgcaac.....	1	0	T71
.....cucccaaaaucgguuacguaauacuugaacg.....	1	0	H71
.....ccaaaauucgguuacguaauacuugaacg.....	1	0	H71
.....aaaaucgguuacguaauacuugaacgcU.....	1	1	H71
.....auucgguuacguaauacuugaacgcU.....	1	1	H71
.....ucgguuacguaauacuugaacgcU.....	1	1	H71
.....caucaucucccaauuacUc.....	1	1	H71
.....caucaucucccaauuacgc.....	1	0	H71
.....ucaucucccaauuacgcaac.....	4	0	H71
.....ucucccaauuGcgcaacacg.....	1	1	H71
.....cagucgguuacgguuUgcaac.....	1	1	H71
.....cagucgguuacgguuucgcaac.....	44	0	H71
.....ccaaaauucgguuacgGaa.....	1	1	H34
.....ccCaaaauucgguuacguaauacuugaacg.....	1	1	H34
.....auucgguuacguaauacuuga.....	1	0	H34
.....Uuuacguaauacuugaacgc.....	1	1	H34
.....uugucaaucaucuccaaGu.....	1	1	H34
.....gucaaucaucuccaaGuac.....	1	1	H34
.....caucaucucccaaGuacgc.....	1	1	H34
.....aaucaucucccaaGuacgca.....	3	1	H34
.....aucaucucccaaGuacgcaac.....	1	1	H34
.....ucaucucccaaGuacgcaac.....	3	1	H34
.....ucaucucccaaGuacgcaaca.....	1	1	H34
.....caucucccaaGuacgcaaca.....	3	1	H34
.....aucucccaaGuacgcaacac.....	5	1	H34
.....aucucccaaGuacgcaacacg.....	3	1	H34
.....ucucccaaGuacgcaacacg.....	2	1	H34
.....acggGcagucgguuacgguuuc.....	1	1	H34
.....Ccagucgguuacgguuucgcaacc.....	1	1	H34
.....cagucgguuacgguuUgcaac.....	1	1	H34
.....cagucgguuacUuuucgcaac.....	1	1	H34
.....cagucgguuacgguuucgcaac.....	80	0	H34
.....caguAguuacgguuucgcaac.....	1	1	H34
.....agucgguuacgguuucgcaac.....	1	0	H34
.....cagucgguuacgguuucgcaac.....	1	0	A44
.....ucgguuacguaauacuugaacgcaCc.....	1	1	A01
.....cagucgguuacgguuucgcaac.....	2	0	A01
.....uGacguaauacuugaacgc.....	1	1	A11
.....cagucgguuacgguuucgcaac.....	1	0	A11
.....ucccaaaaucgguuacguaauacuug.....	1	0	E01
.....cccaaaaucgguuacguaauacu.....	1	0	E01
.....ccaaaauAcgguuacguaauacuugaac.....	1	1	E01
.....ucgguuacguaauacuugaac.....	1	0	E01
.....ugucaaucaucucccaauuacg.....	1	0	E01
.....cagucgguuacgguuucgcaac.....	6	0	E01
.....cagucgguuacgguuucgcaac.....	1	0	B11
.....ccaaaauucgguuacguaaua.....	1	0	E13

## Star

## Mature

ccucucccaaaauucgguuacguaauacuugaacgcaacuugucaaucaucucccaauuacgcaacacggucagucgguuacgguuucgcaaccgauacaaucacuuagugc			
. . . . .Cucgguuacguaauacuugaa. . . . .	1	1	E13
. . . . .cgguuacguaauacuugaacU. . . . .	1	1	E13
. . . . .uugucaaucaucucccaaGu. . . . .	6	1	E13
. . . . .aaucaucucccaaGuacgca. . . . .	1	1	E13
. . . . .ucaucucccaaGuacgcaac. . . . .	2	1	E13
. . . . .cucccaaGuacgcaacacgg. . . . .	1	1	E13
. . . . .cagucgguGcgguuucgcaac. . . . .	1	1	E13
. . . . .cGgucguuacgguuucgcaac. . . . .	1	1	E13
. . . . .cagucgguuacgguuucgcaac. . . . .	55	0	E13
. . . . .caaaauucguGacguaauacu. . . . .	1	1	A13
. . . . .Guucgguuacguaauacuugaacg. . . . .	1	1	A13
. . . . .ucgguuacguaauacuugaac. . . . .	1	0	A13
. . . . .ucgguuacguaauUcuugaac. . . . .	1	1	A13
. . . . .ccaaaauucgguuacguaauacu. . . . .	1	0	E73
. . . . .caaaauucgguuacguaauac. . . . .	1	0	E73
. . . . .aaaauucgguuacguaauacuugaacg. . . . .	1	0	E73
. . . . .aaauucgguuacguaauacuugaacg. . . . .	1	0	E73
. . . . .Cucgguuacguaauacuugaac. . . . .ucaucucccaauuacgcaac. . . . .	1	0	E73
. . . . .caucucccaauuacgcaaca. . . . .	1	0	E73
. . . . .aucucccaauuacgcaacac. . . . .	1	0	E73
. . . . .cucccaauuacgcaacacg. . . . .	1	0	E73
. . . . .cagucgguuacgguuucgcaac. . . . .	35	0	E73
. . . . .cagucgguuacgguuucgcaUc. . . . .	1	1	E73
. . . . .Ccccaaaauucgguuacguaauacuug. . . . .	1	1	E72
. . . . .cccaaaauucgguuacguaauacuugaacg. . . . .	1	0	E72
. . . . .ccaaaauucgguuacguaaCacuu. . . . .	1	1	E72
. . . . .aaaauucgguuacguaauacuugaacgU. . . . .	2	1	E72
. . . . .aaauucgguuacguaauacuugaacgc. . . . .	1	0	E72
. . . . .aaucgguuacguaauacuugaacg. . . . .	2	0	E72
. . . . .auucgguuacguaaCacuugaac. . . . .	2	1	E72
. . . . .auucgguuacguaauacuugaacgU. . . . .	1	1	E72
. . . . .ucgguuacguaauacuugaac. . . . .	1	0	E72
. . . . .uugucaaucaucucccaauu. . . . .	2	0	E72
. . . . .cagucgguuacgguuucgcaac. . . . .	25	0	E72
. . . . .ccaaaauucgguuacguaauacuugaacgU. . . . .	1	1	E02
. . . . .uuAgguuacguaauacuugaac. . . . .	1	1	E02
. . . . .guuacguaauacuugaacgc. . . . .	1	0	E02
. . . . .cagucgguuacgguuucgcaac. . . . .	1	0	E02
. . . . .aCucgguuacguaauacuuga. . . . .	1	1	A51
. . . . .aaaauucgguuacguaauacuugaacgU. . . . .	1	1	E74
. . . . .auucgguuacguaauacuugaacgU. . . . .	1	1	E74
. . . . .uucgguuacguaauacuugaacgU. . . . .	1	1	E74
. . . . .cgguuacguaauacuugaac. . . . .	1	0	E74
. . . . .uuacguaauacuugaacgcC. . . . .	1	1	E74
. . . . .cucccaauuacgcaacacgg. . . . .	1	0	E74
. . . . .cagucgguuacgguuUgcaac. . . . .	1	1	E74
. . . . .cagucgguuacgguuucgcaac. . . . .	29	0	E74
. . . . .caguGguuacgguuucgcaac. . . . .	1	1	E74
. . . . .auucgguuacguaauacuugaacgU. . . . .	1	1	A62
. . . . .uacguaauacuugaacCc. . . . .	1	1	A62
. . . . .aaucaucucccaauuacgca. . . . .	1	0	A62
. . . . .ccaaaauucgguuacguaauacuugaacgU. . . . .	1	1	T74
. . . . .aaCucgguuacguaauacuugaacg. . . . .	1	1	T74
. . . . .ucgguuacAuaauacuugaac. . . . .	1	1	T74
. . . . .uUguuacguaauacuugaacgc. . . . .	1	1	T74
. . . . .cgGacguaauacuugaacg. . . . .	1	1	T74
. . . . .cguGacguaauacuugaacgc. . . . .	1	1	T74
. . . . .cuugucaaucaucucccaau. . . . .	1	0	T74
. . . . .cCcccaaaauucgguuacguaauacuugaac. . . . .	1	1	T73
. . . . .cccaaaauucgguuacguaauacuugaacgc. . . . .	1	0	T73
. . . . .cccaaaauucgguuacguaauacuugaacgca. . . . .	1	0	T73



## Star

## Mature

ccucucccaaaauucgguuacguaaucuuagaacgcaacuugucaaucaucuccaaauuacgcaacacggucagucguuacguuuucgcaaccuacaaucaaacuuagugc			
.....aaaauucgguuacguaaGuacu.....	1	1	T73
.....aaaauucgguuacguaaucuuagaacgcU.....	1	1	T73
.....Acguuacguaaauacuugaac.....	2	1	T73
.....ucguuacguaaauacuugaacgcU.....	1	1	T73
.....cguuacguaaauacuugaacg.....	1	0	T73
.....guuacguaaauacuugaacUc.....	1	1	T73
.....aucuccaaauuacgcaacacg.....	1	0	T73
.....cagucguuacguuuucgcaa.....	1	0	T73
.....cagucguuacguuuucgcaac.....	2	0	T73
.....Uccaaaauucgguuacguaa.....	1	1	E04
.....uucguuacguaaauacuugaac.....	1	0	E04
.....uucguuacguaaauacuugaGcgc.....	1	1	E04
.....ucaucuccaaauuacgcaac.....	1	0	E04
.....cagucguuacguuuucgcaac.....	6	0	E04
.....ccaaaauucgguuacguaaauacuugaacgcU.....	2	1	R73
.....aaaauucgguuacguaaauacuugaac.....	1	0	R73
.....aaUAcguuacguaaauacuug.....	1	1	R73
.....uucguuacguaaauacuugaa.....	1	0	R73
.....cguuacguaaauacuugaacg.....	2	0	R73
.....guuacguaaauacuugaac.....	1	0	R73
.....uacguaaauacuugaacgcaC.....	1	1	R73
.....acguaaauacuugaacgcaCc.....	1	1	R73
.....cagucguuacguuuucgcaac.....	3	0	R73
.....cagucguuacguuuucgcaac.....	3	0	A33
.....cagucguuacguuuucgcaac.....	1	0	A21
.....cagucguuacguuuucgcaac.....	1	0	A34
.....ccaaaauucgguuacguaaauacuugaac.....	1	0	H41
.....cuugucaaucaucucccaau.....	4	0	H41
.....aaucaucucccaauuacgca.....	2	0	H41
.....aucaucucccaauuacgcaa.....	1	0	H41
.....aucaucucccaauuacgcaac.....	2	0	H41
.....ucaucucccaauuacgcaac.....	2	0	H41
.....ucucccaauuacgcaacacg.....	3	0	H41
.....cucccaauuacgcaacacgg.....	1	0	H41
.....cagucguuacguuuucgcaac.....	29	0	H41
.....ucguuacguaaauacuugaac.....	1	0	E24
.....cguGacguaaauacuugaacg.....	1	1	E24
.....uuacguaaauacuugaacAc.....	1	1	E24
.....cguaaauacuugaacgcaCc.....	1	1	E24
.....gUaacuugucaaucaucucc.....	1	1	E24
.....cuugucaaucaucucccaauuacgcaac.....	1	0	E24
.....ugucaaucaucucccaau.....	1	0	E24
.....ugucaaucaucucccaauuac.....	1	0	E24
.....ucaucaucucccaauuac.....	1	0	E24
.....aaucaucucccaauuacgca.....	1	0	E24
.....aaucaucucccaauuacgcaU.....	1	1	E24
.....aucaucucccaauuacgcaac.....	2	0	E24
.....aucaucucccaauuacgcaaca.....	1	0	E24
.....ucaucucccaauuacgcaac.....	1	0	E24
.....aucucccaauuacgcaacac.....	1	0	E24
.....aucucccaauuacgcaacacgg.....	1	0	E24
.....ucucccaauuacgcaacacg.....	1	0	E24
.....cucccaauuacgcaacacgg.....	2	0	E24
.....caguAguuacguuuucgcaac.....	1	1	E24
.....cagucguuacguuuucUcaac.....	1	1	E24
.....cagucguuacguuuucgcaCc.....	1	1	E24
.....cagucguuacguuuucgcaac.....	108	0	E24
.....cucccaaaauucgguuacguaaauacuugaacgcU.....	1	1	A04
.....aaaauucgguuacguaaauacuugaac.....	1	0	A04
.....Uucccaaaauucgguuacguaaauacuugaac.....	1	1	E14
.....cuugucaaucaucucccaau.....	1	0	E14

## Star

## Mature

ccucucccaaaaucgguuacguaauacuugaacgcaacuugucaaucaucucccaauuacgcaacacggucagucguuacgguuucgcaacc	cauacaaucaaacuuaguc		
.....caaucaucucccaauuacgc.....	1	0	E14
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.....cguuacguaauacuugaacg.....	1	0	H04
.....guuacguaauacuugaacgc.....	1	0	H04
.....uuacguaauacuugaacgcC.....	1	1	H04
.....cagucguuacgguuucgcaac.....	10	0	H04