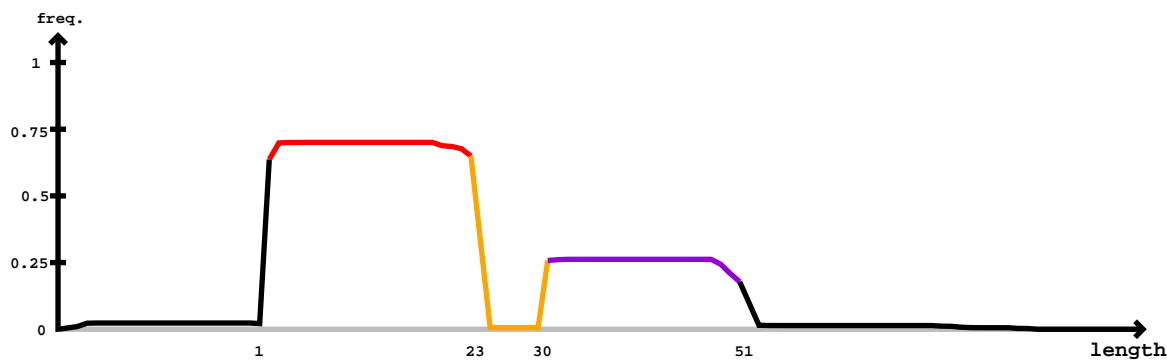


The diagram illustrates a segment of a DNA double helix. The top strand runs from left to right, labeled 5' at its start and 3' at its end. Its sequence of bases is A-T-A-G-U-A-A-G-U-G-C-A-C. The bottom strand runs from right to left, also labeled 5' at its start and 3' at its end. Its sequence of bases is T-A-C-G-U-U-C-A-C-G-U-G-A-A-C-A-G. Complementary base pairs are connected by vertical lines: A with T, T with A, A with T, G with C, U with A, A with T, A with T, G with C, U with A, G with C, C with G, A with T, and C with G.



Mature Star

[illegible]

Star

gcuucuggagacaucucuc <u>cu</u> <u>uaauaguaagugcacgcuuguuuuu</u> <u>agaacaagggugcacuugcuguaug</u> <u>agaggugugcuuaauagaacuggagguuugccaacauuguaa</u>			
.....uaauaguaagugcacgcuugCu.....	1	1	s06
.....uaauaguaagugcacgcuuguu.....	83	0	s06
.....uaauaguaagugcaGgcuuguu.....	1	1	s06
.....uaauaguaagugcGgcuuguu.....	1	1	s06
.....uaauaguaGgugcacgcuuguu.....	1	1	s06
.....uaauaguaaAugcacgcuuguu.....	1	1	s06
.....uaauaguaagugcacgcuuguuC.....	3	1	s06
.....aauguaagugcacgcuuguu.....	1	0	s06
.....uuuagaacaagggugcacuugcuguaug.....	3	0	s06
.....caagggugcacuugcugu.....	3	0	s06
.....caagggugcacuugcuguau.....	2	0	s06
.....caagggugcacuugcuguauA.....	1	1	s06
.....caagggugcacuugcuguauU.....	1	1	s06
.....caagggugcacuugcuguauG.....	24	0	s06
.....caagggGgacacugcuguauG.....	1	1	s06
.....caagggugcacuugcAguauG.....	1	1	s06
.....aagggugcacuugcuguauG.....	2	0	s06
.....agaggugugcuuaauagaacuggagguuu.....	1	0	s06
.....agaggugugcuuaauagaacuggagguuugc.....	1	0	s06
gcuucuggagacaucucuc.....	4	0	s07
gcuucuggagacaucucucU.....	1	1	s07
gcuucuggagacaucucuca.....	4	0	s07
.cuucuggagacacCuucuca.....	3	1	s07
.cuucuggagacaucucuca.....	4	0	s07
.....uaauaguaagugcacgcu.....	1	0	s07
.....uaauagGaagugcacgcu.....	1	1	s07
.....uaauaguaagugcacgcuu.....	1	0	s07
.....uaauaguaagugcacgcuug.....	10	0	s07
.....uaauaguaagugcacgcuuU.....	3	1	s07
.....uaauaguaagugcacgcuugC.....	3	1	s07
.....uaauaguaagugcacgUuugcu.....	1	1	s07
.....uaauaguaCgugcacgcuugcu.....	1	1	s07
.....uaauaguaagugcacgcCugcu.....	1	1	s07
.....uaauaguaagugcacgcuugcu.....	28	0	s07
.....uaauaguaGgugcacgcuugcu.....	1	1	s07
.....uaauaguaagugcacgcuAguu.....	1	1	s07
.....uaauaguaagugUacgcuugcu.....	1	1	s07
.....uaauaguaagugcacgcuuguu.....	358	0	s07
.....uaauaguaaguaAcacgcuugcu.....	1	1	s07
.....uaauaguaagugcacgcuugCu.....	1	1	s07
.....uaauaguaagugcacgcuugcuG.....	4	1	s07
.....uaauaguaagugcacgcuugGu.....	4	1	s07
.....uaauaguaagugcacgcCuguu.....	1	1	s07
.....uaauaguaagugcGcgcuuguu.....	1	1	s07
.....uaauaguaagugcacgcuugcuC.....	47	1	s07
.....uaauaguaagugcacgcuugua.....	2	1	s07
.....uaauagCaagugcacgcuuguu.....	2	1	s07
.....Aaauaguaagugcacgcuuguu.....	5	1	s07
.....uGauaguaagugcacgcuuguu.....	2	1	s07
.....uaauaguaagugcacgcuuCu.....	2	1	s07
.....uaauaguaagugcaUgcguuguu.....	2	1	s07
.....uaauaguaagugcacgcuGguu.....	1	1	s07
.....uaauGguaagugcacgcuuguu.....	1	1	s07
.....uaCuaguaagugcacgcuuguu.....	1	1	s07
.....uaauagAaagugcacgcuuguu.....	1	1	s07
.....aauguaagugcacgcuug.....	1	0	s07
.....Uauaguaagugcacgcuug.....	2	1	s07
.....aauguaagugcacgcuugC.....	1	1	s07
.....aauguaagugcacgcuuguu.....	9	0	s07
.....aauguaagugcacgcuugcuC.....	3	1	s07
.....aauguaagugcacgcuugGu.....	1	1	s07
.....Uauaguaagugcacgcuuguu.....	10	1	s07
.....uuuagaacaagggugcacuugcuguaug.....	2	0	s07
.....caagggugcacuugcugu.....	1	0	s07
.....caagggugcacuugcGgua.....	1	1	s07
.....caagggugcacuugcugua.....	4	0	s07
.....caagggugcacuugcuguau.....	4	0	s07
.....caagggugcacuugcuguauG.....	33	0	s07
.....caagggugcacuugcuguAaG.....	1	1	s07

Mature

Star

gcuccuggagacaucucuca <u>uaauaguaagugcacgcuuguuuuuagaacaaggugcacuugcuguau</u> agaggugugcuuaaagaacuggagguuugccaacauuguaa			
.....caaggugcacuugcuguauA.....	13	1	s07
.....caaggugcacuugcuguauU.....	1	1	s07
.....caaggugcacuugcuguaua.....	1	0	s07
.....agaggugugcuuaaagaacA.....	1	1	s07
.....agaggugugcuuaaagaacC.....	1	1	s07
.....agaggugugcuuaaagaacu.....	6	0	s07
.....agaggugugcuuaaagaacugg.....	2	0	s07
.....agaggugugcuuaaagaacugA.....	1	1	s07
.....agaggugugcuuaaagaacuggU.....	2	1	s07
.....agaggugugcuuaaagaacugga.....	1	0	s07
.....agaggugugcuuaaagaacuggagguuu.....	3	0	s07
.....agaggugugcuuaaagaacuggagguuC.....	1	1	s07
.....uaauaguaagugcacgcu.....	3	0	s09
.....uaauaguaagugcacgcC.....	1	1	s09
.....uaauaguaagugcacgcuugu.....	2	0	s09
.....uaauaguaagugcacgcGuguu.....	1	1	s09
.....uaauaguaagugcacgcuuguu.....	51	0	s09
.....uaauaguaagugcacgcuuguC.....	6	1	s09
.....uaauaguaagugcacgcuuguG.....	2	1	s09
.....uaauaguaagugcGcgcuuguu.....	2	1	s09
.....aauguaagugcacgcuug.....	2	0	s09
.....aauguaagugcacgcuuguu.....	1	0	s09
.....aauguaUgugcacgcuuguu.....	1	1	s09
.....aauguaGgugcacgcuuguu.....	2	1	s09
.....caaggugcacuugcugu.....	1	0	s09
.....caaggugcacuugcugua.....	1	0	s09
.....caaggugcacuugcuguau.....	4	0	s09
.....caaggugcacuugcuguauU.....	1	1	s09
.....caaggugcacuugcuguauA.....	3	1	s09
.....caaggugcacuugcuguauag.....	6	0	s09
.....aaggugcacuugcuguU.....	1	1	s09
.....agaggugugcuuaaagaacugA.....	1	1	s09
.....agaggugugcuuaaagaacuggaA.....	1	1	s09
.....agaggugugcuuaaagaacuggag.....	1	0	s09
.....agaggugugcuuaaagaacuggagguuugc.....	3	0	s09
.....uaauaguaagugcacgcuuA.....	1	1	s04
.....uaauaguaagugcacgcuuguC.....	2	1	s04
.....uaauaguaagugcacgcuuguu.....	7	0	s04
.....uaauagGaagugcacgcuuguu.....	1	1	s04
.....caaggugcacuugcuguauA.....	1	1	s04
gcAucuggagacaucucuca.....	2	1	s08
.cAucuggagacaucucuca.....	2	1	s08
.....uaauaguaagugcacgcu.....	2	0	s08
.....uaauaguaagugcacgcC.....	1	1	s08
.....uaauaguaagugcacgcA.....	1	1	s08
.....uaauaguaagugcacgcuu.....	1	0	s08
.....uaauaguaagugcacgcuugu.....	2	0	s08
.....uaauaguaagugAacgcuuguu.....	1	1	s08
.....uaauaguaagugcacgcuuguC.....	16	1	s08
.....uaauaguaagCgcacgcuuguu.....	2	1	s08
.....uaauaguaGgugcacgcuuguu.....	1	1	s08
.....uaauaguaagugcacgcuuguu.....	51	0	s08
.....uaauaguaagugcGcgcuuguu.....	1	1	s08
.....Uauaguaagugcacgcuu.....	1	1	s08
.....Uauaguaagugcacgcuugu.....	2	1	s08
.....aauguaagugcacgcuuguu.....	2	0	s08
.....Uauaguaagugcacgcuuguu.....	5	1	s08
.....uuuagaacaaggugcacuugcuguauag.....	1	0	s08
.....caaggugcacuugcuguuaG.....	1	1	s08
.....caaggugcacuugcuguau.....	3	0	s08
.....caGggugcacuugcuguau.....	5	1	s08
.....caGggugcacuugcuguauag.....	13	1	s08
.....caaggugcacuugcuguauag.....	7	0	s08
.....aggugcacuugcuguauag.....	6	0	s08
gcuccuggagacaucucuca.....	1	0	s16
.....uaauaguaagugcacgcu.....	2	0	s16

Mature

Star

gcuccuggagacaucucuca	uaauaguaagugcacgcuuuuuuagaa	caagggugcacuugcuguau	agaggugcucuuaa	gaacuggagguuugccaacauuguaa			
.Caauaguaagugcacgcuugu.					1	1	s16
.uUauaguaagugcacgcuugu.					1	1	s16
.uaauaguaagugcacgcuugAu.					1	1	s16
.uaauaguGagugcacgcuugu.					1	1	s16
.uaauaguaagugcacgcuugu.					39	0	s16
.uaauaguaagugcacgcuuguG.					1	1	s16
.uaauaguaagugcacgcuuguC.					3	1	s16
.uaauaguaagugcacgcuuguA.					1	1	s16
.uaauaguaagugcacgcuugCu.					2	1	s16
.uaauagCaagugcacgcuugu.					1	1	s16
.aauguaagugcacgcuugu.					5	0	s16
.uuuagaacaagggugcacuugcuguauA.					1	1	s16
.caagggugcacuugcugu.					3	0	s16
.caaUggugcacuugcugu.					1	1	s16
.caagggugcacuugcuguau.					5	0	s16
.caagggugcacuugcuguA.					2	1	s16
.caagggugcacuugGuguau.					2	1	s16
.caagggugcacuugcAguauug.					1	1	s16
.caagggugcacuugcuguauA.					3	1	s16
.caagggugcacuugcuguauug.					7	0	s16
.caagggugcacuugcuguauugG.					1	1	s16
.caagggugcacuugcuguauuga.					1	0	s16
.agaggugcucuuaa					2	1	s16
.cAucuggagacaucucuca.					8	1	s10
.uaauaguaagugcacgcu.					1	0	s10
.uaauaguaagugcacgcC.					4	1	s10
.uaauaguaagugcacgcuu.					1	0	s10
.uaauaguaagugcacgcuug.					1	0	s10
.uaauaguaagugcacgcuuA.					2	1	s10
.uaauaguaagugcAagcuugu.					1	1	s10
.uaauaguaagugcacgcuugu.					7	0	s10
.uaauaguaagugcacgcuugG.					1	1	s10
.Caauaguaagugcacgcuugu.					1	1	s10
.Aaauguaagugcacgcuugu.					2	1	s10
.uaauaguaagugcacUcuugu.					2	1	s10
.uaauaguaagugcacgcuuguG.					1	1	s10
.uaauaguaagugcacgcuuguC.					34	1	s10
.uaauaguaagugcacgcuCguu.					1	1	s10
.uGauaguaagugcacgcuugu.					2	1	s10
.uaauaguaagugcacgcuugGu.					3	1	s10
.uaauaguaagugcacgcuuCuu.					1	1	s10
.uaauaguaagugcacgAuugu.					1	1	s10
.uaauaguaagugcacgcuugu.					137	0	s10
.uaauaguaagugcGcguugu.					3	1	s10
.uaauaguaagugcacgcCuguu.					1	1	s10
.uaauaguaagugcacgcuugCu.					1	1	s10
.uaauaguaagugcacgcuuguA.					2	1	s10
.uaauaguaagugcacgcuuguuu.					2	0	s10
.Uauaguaagugcacgcuug.					3	1	s10
.Uauaguaagugcacgcuugu.					2	1	s10
.aauguaagugcacgcuugu.					4	0	s10
.Uauaguaagugcacgcuugu.					14	1	s10
.aauguaagugcacgUuugu.					1	1	s10
.aauguaagugcacgcuugu.					8	0	s10
.aauguaagugcacgcuuguC.					2	1	s10
.aaCaguaagugcacgcuugu.					1	1	s10
.caGgggugcacuugcugu.					3	1	s10
.caGgggugcacuugcuguau.					3	1	s10
.caGgggugcacuugcuguauug.					33	1	s10
.uaauaguaagugcacgcu.					1	0	s17
.uaauaguaagugcacgcuugu.					2	0	s17
.uaauagCaagugcacgcuugu.					2	1	s17
.uaauaguaagugcacgcuuguC.					6	1	s17
.uaauaguaagugcacgcuugu.					34	0	s17
.uaauaguaagugcGcguugu.					2	1	s17
.aauguaagugcacgcuugu.					4	0	s17
.uuuagaacaagggugcacuugcuguauug.					1	0	s17
.caGgggugcacuugcugu.					1	1	s17

Mature

Star

gcuuucuggagacaucucuca	uaauaguaagugcacgcuuuuuuagaa	caagggugcacuugcuguauagagaggugcuaa	aaugaacuggagguuugccaacauuguaa			
.....	caGgggugcacuugcuguau.	.....	4	1	s17	
.....	caagggugcacuugcuguagG.	.....	1	1	s17	
.....	caGgggugcacuugcuguauG.	.....	16	1	s17	
.....	caagggugcacuugcuguauG.	.....	6	0	s17	
.....	caagggGgcacuugcuguauG.	.....	1	1	s17	
.....	caagggCgcacuugcuguauG.	.....	1	1	s17	
.....	caagggugcacuugcuguauA.	.....	1	1	s17	
.....
.....	uaauaguaagugcacgcuu.	.....	1	0	s01	
.....	uaauaguaagugcacgcuugu.	.....	2	0	s01	
.....	uaauaguaagugcacgcuuguu.	.....	16	0	s01	
.....	uaauaguaagugcacgcuuguA.	.....	2	1	s01	
.....	uaauaguaagugcacgcuuguC.	.....	1	1	s01	
.....	uuuGgaacaagggugcacuugcuguauG.	.....	2	1	s01	
.....	caagggugcacuugcugA.	.....	4	1	s01	
.....	caagggugcacuugcugu.	.....	3	0	s01	
.....	caagggugcacuugcugAa.	.....	1	1	s01	
.....	caagggugcacuugcuguau.	.....	2	0	s01	
.....	caagggugcacuugcuguauG.	.....	3	0	s01	
.....
.....	uaauaguaagugcacgcuugC.	.....	1	1	s13	
.....	uaauaguaagugcacgcuugu.	.....	2	0	s13	
.....	uaauaguaagugcacgcuuguu.	.....	37	0	s13	
.....	uaauaguaagugcacgcuuguC.	.....	13	1	s13	
.....	uaauaguaagugcaGcguuguu.	.....	1	1	s13	
.....	uaauaguaagugcacgcuuguG.	.....	1	1	s13	
.....	uaauaguaagugcacgcuuguA.	.....	2	1	s13	
.....	uaauaguaagugAacgcuuguu.	.....	1	1	s13	
.....	uaGuaguaagugcacgcuuguu.	.....	1	1	s13	
.....	aauguaagugcacgcuuguu.	.....	5	0	s13	
.....	aauguaagugcacgcuuguC.	.....	1	1	s13	
.....	auaguaagugcacgcuuguC.	.....	1	1	s13	
.....	uuuagaacaagggugcacuugcuguauG.	.....	2	0	s13	
.....	caagggugcacuugcugu.	.....	1	0	s13	
.....	caagggugcacuugcugA.	.....	7	1	s13	
.....	caagggugcacuugcugC.	.....	1	1	s13	
.....	caagggugcacuugcuguU.	.....	1	1	s13	
.....	caagggugcacuugcugu.	.....	3	0	s13	
.....	caagggugcacuugcuguG.	.....	3	1	s13	
.....	caagggugcacuugcuguau.	.....	4	0	s13	
.....	caagggugcacuugcuguauU.	.....	2	1	s13	
.....	caagggugcacuugcuguauG.	.....	7	0	s13	
.....	caagggugcacuugcuguauA.	.....	1	1	s13	
.....	caagggugcacuugcuguauC.	.....	2	1	s13	
.....	AaagggugcacuugcuguauG.	.....	1	1	s13	
.....	agaggugcuaaagaacu.	.....	1	0	s13	
gcuuucuggagacaucucuca	.....	.....	4	0	s12	
.cuucuggagacaucucuca	.....	.....	2	0	s12	
.uucuggagacaucucucU.	.....	.....	1	1	s12	
.....	uaauaguaagugcacgcuuguu.	.....	1	0	s12	
.....	uaauaguaagugcacgC.	.....	1	1	s12	
.....	uaauaguaagugcacgcu.	.....	1	0	s12	
.....	uaauaguaagugcacgcuu.	.....	2	0	s12	
.....	uaauaguaGgugcacgcuug.	.....	1	1	s12	
.....	uaauaguaagugcacgcuugu.	.....	14	0	s12	
.....	uaauaguaagugcGcguugu.	.....	1	1	s12	
.....	uaauaguaagugcacgcuuguC.	.....	24	1	s12	
.....	uaauaguaagugcacgCuguu.	.....	3	1	s12	
.....	uaauaguaGgugcacgcuuguu.	.....	1	1	s12	
.....	uaauaguaaAugcacgcuuguu.	.....	1	1	s12	
.....	uaauaguaagugcacgcuuguu.	.....	188	0	s12	
.....	uaauaguaagugcacAcuuguu.	.....	1	1	s12	
.....	uaauaguaagugUacgcuuguu.	.....	1	1	s12	
.....	uaauaguaagugcacgcuugGu.	.....	5	1	s12	
.....	uaauaguaagugcacgcuuguA.	.....	2	1	s12	
.....	uaauaguaagugcacgcuugCu.	.....	3	1	s12	
.....	Caauaguaagugcacgcuuguu.	.....	2	1	s12	
.....	uaauaguaagugcacgcuuguG.	.....	9	1	s12	
.....	uaauaguaagugcaUgcuuguu.	.....	1	1	s12	

Mature

Star

gcuccuggagacaucucucauaauaguaagugcacgcuuguuuuuagaa	caagggugcacuugcuguau	gagaggugugcuuaaagaacuggagguuugccaacauuguaa			
.....uauaguaagugcGcgcuuguu.....	.....	.....	4	1	s12
.....uauaguaagugcacgcuuguu.....	.....	.....	1	0	s12
.....uauaguaagugcacgcuuguu.....	.....	.....	1	0	s12
.....Uauaguaagugcacgcuugu.....	.....	.....	1	1	s12
.....aauguaagugcacgcuuguu.....	.....	.....	5	0	s12
.....Uauaguaagugcacgcuuguu.....	.....	.....	11	1	s12
.....auaguaagugcacgcuuguu.....	.....	.....	1	0	s12
.....uuuagaacaagggugcacuugcuguau	g.....	.....	2	0	s12
.....caagggugcacuugcugu.....	.....	.....	2	0	s12
.....caagggugcacuugcuguU.....	.....	.....	1	1	s12
.....caagggugcacuugcugu.....	.....	.....	1	0	s12
.....caagggugcacuugcuguA.....	.....	.....	1	1	s12
.....caagggugcacuugcuguau.....	.....	.....	1	0	s12
.....caagggugcacuugcuguauA.....	.....	.....	4	1	s12
.....caagggugcacuugcuguauU.....	.....	.....	1	1	s12
.....caagggugcacuugcuguau	g.....	.....	28	0	s12
.....caagggugcacGugcuguau	g.....	.....	1	1	s12
.....caagggugcacuugUguau	g.....	.....	1	1	s12
.....caaggAugcacuugcuguau	g.....	1	1	s12
.....agaggugugUuuuaugaacugg.....	1	1	s12
.....agaggugugcuuaaugaacugA.....	2	1	s12
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.....agaggugugcuuaaugaacugga.....	1	0	s12
.....agaggugugcuuaaugaacuggagguuA.....	1	1	s12
.....agaggugugcuuaaugaacuggagguuuA.....	.....	.....	1	1	s12
.....agaggugugcuuaaugaacuggagguuugc.....	.....	.....	1	0	s12
.....uauaguaagugcacgcC.....	1	1	s14
.....uauaguaagugcacgcu.....	1	0	s14
.....uauaguaagugcacgcuugu.....	1	0	s14
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.....uauaguaagugcGcgcuuguu.....	4	1	s14
.....aauguaagugcacgcuuguu.....	1	0	s14
.....uuuagaacaagggugcacuugcuguau	g.....	1	0	s14
.....caagggugcacuugcuguau	g.....	.....	1	0	s14
.....uauaguaagugcacgcu.....	.....	.....	3	0	s19
.....uauaguaagugcacgcuu.....	.....	.....	1	0	s19
.....uauaguUagugcacgcuugu.....	.....	.....	1	1	s19
.....uauaguaagugcacgcuugu.....	.....	.....	2	0	s19
.....uauaguaagugcacgcuugCu.....	.....	.....	1	1	s19
.....uauaguaagugcacgGuuguu.....	.....	.....	1	1	s19
.....uauaguaagugcacgcuuUuu.....	.....	.....	1	1	s19
.....uauaguaagugcacgAuuguu.....	.....	.....	1	1	s19
.....uauaguaGgugcacgcuuguu.....	.....	.....	1	1	s19
.....uauaguaagugcacgcuuguG.....	.....	.....	1	1	s19
.....uauaguaagugcacUcuuguu.....	.....	.....	3	1	s19
.....uauaguaagugcacgcuuguC.....	14	1	s19
.....uauaguaagugUacgcuuguu.....	2	1	s19
.....uauaguaagugcacgcuuguu.....	83	0	s19
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.....caagggugcacuugcuguau	ga.....	1	0	s19
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.....uauaguaagugcacgcu.....	1	0	s18
.....uauaguaagugcacgcuug.....	1	0	s18
.....Caauaguaagugcacgcuuguu.....	1	1	s18
.....uauaguaagugcacgcuuguC.....	.....	.....	5	1	s18
.....uauaguaagugcacgcuuguu.....	.....	.....	15	0	s18
.....uauaguaagugcacgcuuguA.....	.....	.....	1	1	s18
.....aauguaagugcacgcuuguu.....	.....	.....	7	0	s18
.....caGgggugcacuugcugu.....	.....	.....	1	1	s18
.....caGgggugcacuugcuguau.....	.....	.....	2	1	s18

Mature

Star

gcuccuggagacaucucuca <u>uaauaguaagugcacgcuuguuuuuagaa</u> <u>caagggugcacuugcuguau</u> gagaggugcucu <u>aaugaacugggagguuugccaacauuguaa</u>			
.....caGgggugcacuugcuguau <u>g</u>	10	1	s18
gcAuccuggagacaucucuc.....	2	1	s05
gcAuccuggagacaucucuca.....	6	1	s05
.cAuccuggagacaucucuca.....	11	1	s05
..Auccuggagacaucucuca.....	2	1	s05
.....uaauaguaagugcacgcu.....	15	0	s05
.....uaauaguaagugcacgcuu.....	1	0	s05
.....uaauaguaagugcacgcuugu.....	2	0	s05
.....uaauaguaagugcacgcuuguA.....	5	1	s05
.....uaauaguaagugcacgcuuguG.....	4	1	s05
.....uaauaguaagugUacgcuugu.....	1	1	s05
.....uaauaguaagugcacgcuugu.....	122	0	s05
.....uaauaguaagugcacgcuuguC.....	28	1	s05
.....uaauaguaagCgcacgcuugu.....	3	1	s05
.....uaauaguGagugcacgcuugu.....	1	1	s05
.....uaauagCaagugcacgcuugu.....	1	1	s05
.....uaauaguaagugcacgcGugu.....	1	1	s05
.....uaauaguaagugcacgcuuguu.....	1	0	s05
.....aauguaagugcacgcuugu.....	1	0	s05
.....aguaagAgcacgcuugu.....	1	1	s05
.....aguaagugcacgcuugu.....	1	0	s05
.....caGgggugcacuugcugu.....	17	1	s05
.....caGgggugcacuugcugu <u>a</u>	37	1	s05
.....caGgggugcacuugcugu <u>au</u>	25	1	s05
.....caagggugcacuugcugu <u>aug</u>	1	0	s05
.....caGgggugcacuugcugu <u>aug</u>	146	1	s05
.....caGgggugcacuugcugu <u>auga</u>	4	1	s05
.....aGgggugcacuugcugu <u>aug</u>	1	1	s05
.....agaggugugcuaa <u>augaacugg</u>	1	0	s05
.....agaggugugcuaa <u>augaacugA</u>	1	1	s05
.....agaggugugcuaa <u>augaacugga</u>	1	0	s05
.....agaggugugcuaa <u>augaacuggagguA</u>	1	1	s05
.....agaggugugcuaa <u>augaacuggagguuuA</u> c.....	3	1	s05
.....uaauaguaagugcacgUuugu.....	1	1	s11
.....uaauaguaagugcacgcuuguC.....	2	1	s11
.....uaauaguGagugcacgcuugu.....	1	1	s11
.....uaauaguaagugcacgcuugu.....	14	0	s11
.....Uauaguaagugcacgcuugu.....	1	1	s11
.....caagggugcacuugcugu <u>aug</u>	3	0	s11
gcuccuggagacaucucuc.....	2	0	s02
gcuccuggagacaucGcuca.....	1	1	s02
gcuccuggagacaucucuca.....	8	0	s02
gcuccuggagacaucucU.....	1	1	s02
.cuuccuggagacaucuUuc.....	1	1	s02
.cuuccuggagacaucucuc.....	2	0	s02
.cuuccuggagacaucucuca.....	13	0	s02
.....auaauguuaagugcacgcuugu.....	1	0	s02
.....uaauaguaagugcacgcu.....	4	0	s02
.....uaauaguaagugcacgC.....	5	1	s02
.....uaauaguaagugcacgcu.....	1	0	s02
.....uaauaguaagugcacgcuug.....	4	0	s02
.....uaauaguaaguUcacgcuug.....	1	1	s02
.....uaauaguaagugcacgcuugC.....	3	1	s02
.....uaauaguaagugcacgcuugu.....	14	0	s02
.....uaauaguaagugcacgcuAgu.....	1	1	s02
.....Aaauguuaagugcacgcuugu.....	1	1	s02
.....uaauaguaagugcaUgcuugu.....	1	1	s02
.....uaauaguaagugcacgcuuguG.....	1	1	s02
.....uaauGguuaagugcacgcuugu.....	2	1	s02
.....uaauaguaagugcacgcCugu.....	2	1	s02
.....uaauaguaagugcacgAuugu.....	1	1	s02
.....uaauaguaagugcacgcuugu.....	567	0	s02
.....uaauaguaagugcacgcuuguA.....	10	1	s02
.....uGauaguaagugcacgcuugu.....	4	1	s02
.....uaauaguaagugcacgcuCgu.....	2	1	s02
.....uaauaguaCgugcacgcuugu.....	1	1	s02
.....uaauaguaagugcacgcuugGu.....	19	1	s02

Mature

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gcuucuggagacaucucucauaauaguaaagugcacgcuuguuuuuagaa**caagggugcacuugcugu**augagaggugugcuuaaagaacuggagguuugccaacauuguaa

.....uauaguaaagugcacgcuGguu.....	1	1	s02
.....uauaguaGgugcacgcuuguu.....	3	1	s02
.....uauaguaaagugcUcgcuuguu.....	1	1	s02
.....uauaguaaagugUacgcuuguu.....	1	1	s02
.....uauaguaaagugcacgcuuAuu.....	1	1	s02
.....uauaguaaUugcacgcuuguu.....	1	1	s02
.....uauaguaaagugcacgcuAguu.....	2	1	s02
.....uauaguaaagugcGcgcuuguu.....	2	1	s02
.....uaGuaguaaagugcacgcuuguu.....	1	1	s02
.....uauaguaaagugcacUcuuguu.....	2	1	s02
.....uauaguaaagugcacgcGuuguu.....	1	1	s02
.....uauagugAgugcacgcuuguu.....	5	1	s02
.....uauaguaaagugcacgcuuguC.....	92	1	s02
.....uauagCaagugcacgcuuguu.....	2	1	s02
.....uauaguaaagugcacgcuugCu.....	2	1	s02
.....uauaguaagCgcacgcuuguu.....	3	1	s02
.....uauaguaaagugcacgcuuAuu.....	1	1	s02
.....Aauaguaaagugcacgcuuguu.....	1	1	s02
.....uauaguaaaguAacacgcuuguu.....	4	1	s02
.....uauaguaaagugcacgcGguuguu.....	1	1	s02
.....uauagAaagugcacgcuuguu.....	2	1	s02
.....uauaguaaagugcacgcuuguuC.....	1	1	s02
.....uauaguaaagugcacgcuuguuu.....	1	0	s02
.....uauaguaaagugcacgcuuguuA.....	3	1	s02
.....Uauaguaaagugcacgcuugu.....	2	1	s02
.....Cauaguaaagugcacgcuuguu.....	1	1	s02
.....aauguaaagugcacgcuuguG.....	1	1	s02
.....aGuaguaaagugcacgcuuguu.....	1	1	s02
.....aauguaaagugcacgcAuguu.....	1	1	s02
.....Uauaguaaagugcacgcuuguu.....	97	1	s02
.....aauguaaagugcacgAuuguu.....	1	1	s02
.....aauguaaagugcacgcuuguC.....	3	1	s02
.....aauguaaagugcacgcuuguu.....	19	0	s02
.....aaugugAgugcacgcuuguu.....	1	1	s02
.....auaguaaagugcacgcuugu.....	1	0	s02
.....auaguaaagugcacgcuuguu.....	2	0	s02
.....auaguaGgugcacgcuuguu.....	1	1	s02
.....uuuagaacaagggugcacuugcuguauug.....	7	0	s02
.....caagggugcacuugcugA.....	1	1	s02
.....caagggugcacuugcugC.....	3	1	s02
.....Aaagggugcacuugcugu.....	1	1	s02
.....caagggugcacuugcugu.....	19	0	s02
.....Gaagggugcacuugcugu.....	1	1	s02
.....caagggugcacuugcugCa.....	1	1	s02
.....caagggugcacuugcugu.....	74	0	s02
.....caagggugcacuugcucua.....	1	1	s02
.....caagggugcacuugcuAua.....	1	1	s02
.....cGagggugcacuugcugu.....	1	1	s02
.....caagggugcacuugcuguU.....	4	1	s02
.....caagggugcacuugcugGa.....	1	1	s02
.....caagggugcacuugAugua.....	1	1	s02
.....caagggugcacuugcugAa.....	1	1	s02
.....caagggugcacuugcuguau.....	43	0	s02
.....caagggugcacuugcuguuC.....	5	1	s02
.....caagggCgcacuugcuguau.....	2	1	s02
.....caagggugcacuugcuguACg.....	1	1	s02
.....Gaagggugcacuugcuguauug.....	1	1	s02
.....caagggugcacuugcuguauug.....	134	0	s02
.....caagggugcacuGcguguauug.....	1	1	s02
.....Uaagggugcacuugcuguauug.....	3	1	s02
.....caagggugcacuugcuguauU.....	6	1	s02
.....caagggugcacuugcuguauA.....	86	1	s02
.....caagggugcacuugcuguauuga.....	3	0	s02
.....caagggugcacuugcuguauugU.....	2	1	s02
.....caagggGgcacuugcuguauuga.....	1	1	s02
.....caagggugcacuugcuguauugaU.....	3	1	s02
.....caagggugcacuugcuguauugaAa.....	1	1	s02
.....aagggugcacuugcuguauug.....	7	0	s02
.....agaggugugcuuaaagaacua.....	1	1	s02
.....agaggugugcuuaaagaacug.....	1	0	s02

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gcuucuggagacaucucucacuaaa <u>uag</u> uaagugcacgc <u>cuuguuuuu</u> agaa <u>caagg</u> gugcacuugcugu <u>aug</u> agaggugugcuuaaugaacuggagguuugccaacauuguaa			
.....agaggugugcuuaaugaacugA.....	2	1	s02
.....agaggugugcuuaaugaacugg.....	1	0	s02
.....agaggugugcuuaaugaacuggU.....	1	1	s02
.....agaggugugcuuaaugaacuggagguuu.....	1	0	s02
.....agaggugugcuuaaugaacuggagguuA.....	1	1	s02
.....agaggugugcuuaaugaacuggagguuugc.....	3	0	s02