

The diagram illustrates a double-stranded DNA molecule. The top strand runs from 5' to 3' and contains the sequence: C, C, U, U, G, U, C, A, C, U, U, U, U, C, C. The bottom strand runs from 3' to 5' and contains the complementary sequence: G, G, A, A, U, A, G, U, C, A, A, G, A, G, G. Base pairs are connected by vertical lines: C-G, C-G, U-A, U-A, G-C, U-A, C-G, A-U, C-G, U-A, U-A, U-A, U-A, C-G, C-G.

[illegible]

Star

Mature

auuacagugaugcagacacacauacauaguugugccccuugucacuuuuccugcccuguguguuauacuacuggacgggagaacugauaagggcauaacuuguauauuuacgac

.....ugAacgggagaacugauaag.....	2	1	H04
.....uggaAaggagaacugauaag.....	5	1	H04
.....uggacgggagaacugauaag.....	1471	0	H04
.....uggacggGgaacugauaag.....	1	1	H04
.....uGgacgggagaacugauaag.....	1	1	H04
.....uggacgUgaacugauaag.....	1	1	H04
.....uggacgggaaaUgauaag.....	1	1	H04
.....uggacgggagaacugauaaU.....	4	1	H04
.....uggacggUgaacugauaag.....	1	1	H04
.....uggacgggaaaAugauaag.....	1	1	H04
.....uggacgggagaacugauaaA.....	38	1	H04
.....uggGcgggagaacugauaag.....	1	1	H04
.....uggaUggagaacugauaag.....	1	1	H04
.....uggacgggagaacugauaaC.....	1	1	H04
.....uggaGggagaacugauaag.....	1	1	H04
.....uggacgggagaacugauCagg.....	1	1	H04
.....uggacgggagaacugCuaagg.....	2	1	H04
.....Cggacgggagaacugauaagg.....	1	1	H04
.....uggacgggagaacuUauaagg.....	2	1	H04
.....uggacgggagaacugauUagg.....	1	1	H04
.....uggacgggagaUcugauaagg.....	1	1	H04
.....ugCacgggagaacugauaagg.....	1	1	H04
.....uggaUggagaacugauaagg.....	1	1	H04
.....uggacgggagaacugauaagg.....	900	0	H04
.....uggacgggagaacugauaaUg.....	2	1	H04
.....uggacgggagaacugauaaA.....	37	1	H04
.....uggaGggagaacugauaagg.....	2	1	H04
.....uggacgUgaacugauaagg.....	2	1	H04
.....uggacggaUaacugauaagg.....	1	1	H04
.....uggacgggagaacugauaagU.....	10	1	H04
.....uggacgggagaacugauaaCg.....	1	1	H04
.....uggacgggUgaacugauaagg.....	1	1	H04
.....ugUacgggagaacugauaagg.....	1	1	H04
.....uggacggGgaacugauaagg.....	1	1	H04
.....uggacgggagaacugauaaAg.....	2	1	H04
.....uggacgggagaacugaCaagg.....	1	1	H04
.....uggaAggagaacugauaagg.....	2	1	H04
.....uggacCGagaacugauaaggg.....	1	1	H04
.....ugCacgggagaacugauaaggg.....	1	1	H04
.....uggacgggagaacugauaaggU.....	7	1	H04
.....uggaUggagaacugauaaggg.....	1	1	H04
.....uggacgggagaacugauaaUgg.....	1	1	H04
.....uggacgggagaacugauaaggA.....	56	1	H04
.....uggacgggagaacugauaaggg.....	584	0	H04
.....ugUacgggagaacugauaaggg.....	2	1	H04
.....uUgacgggagaacugauaaggg.....	1	1	H04
.....ugAacgggagaacugauaaggg.....	1	1	H04
.....uggacgggagaacugauaaggC.....	3	1	H04
.....uggacgggagaacugauaagggU.....	23	1	H04
.....uggacgggagaacugauaagggc.....	8252	0	H04
.....uggacgggagaacugauUagggc.....	2	1	H04
.....uggacgggagaacugauGagggc.....	9	1	H04
.....uAacgggagaacugauaagggc.....	1	1	H04
.....uggacgggagaacugauaagggA.....	49	1	H04
.....uggacgggagaacugauCagggc.....	3	1	H04
.....uggacgggagaacugaCaagggc.....	1	1	H04
.....uggacUgagaacugauaagggc.....	3	1	H04
.....uggacgggagaacugCuaagggc.....	1	1	H04
.....uggacgggagaacugauaaggCc.....	2	1	H04
.....uggacgggAaacugauaagggc.....	1	1	H04
.....uUgacgggagaacugauaagggc.....	3	1	H04
.....ugCacgggagaacugauaagggc.....	9	1	H04
.....uggacgggagaacCgauaagggc.....	1	1	H04
.....uggacgggagaacugauaagggG.....	2	1	H04
.....uggacgggagaacuUauaagggc.....	5	1	H04
.....uggacgggUaacugauaagggc.....	3	1	H04
.....uggacgUgaacugauaagggc.....	1	1	H04
.....ugAacgggagaacugauaagggc.....	15	1	H04
.....uggGcgggagaacugauaagggc.....	1	1	H04
.....uggacgggagaacugauaaUggc.....	17	1	H04

Star

Mature

auuacagugaugcagacacacauacauaguugugccccuugucacuuuuccugcccuguguguuauacuacuggacgggagaacugauaagggcauaacuuguaauuuacgac

.....uggacgggagaacua <u>auaagggc</u>	1	1	H04
.....uggacgggagaacuga <u>aaagggc</u>	1	1	H04
.....uggacgggagaacugauaa <u>Cggc</u>	6	1	H04
.....uggacgggagaacugauaag <u>Uc</u>	5	1	H04
.....uggacgggagaacugauaag <u>Ugc</u>	3	1	H04
.....uggUcgggagaacugauaag <u>ggc</u>	1	1	H04
.....uggacggGgaacugauaag <u>ggc</u>	4	1	H04
.....ugUacgggagaacugauaag <u>ggc</u>	7	1	H04
.....uggacgggagaacugauaag <u>Agc</u>	2	1	H04
.....uggaAggagaacugauaag <u>ggc</u>	8	1	H04
.....uggacgggagaacugauaa <u>Aggc</u>	3	1	H04
.....uCgacgggagaacugauaag <u>ggc</u>	1	1	H04
.....uggacgggagaacugU <u>uaagggc</u>	2	1	H04
.....uggacAGagaacugauaag <u>ggc</u>	3	1	H04
.....uggacgggagaacugaG <u>aagggc</u>	1	1	H04
.....uggaGggagaacugauaag <u>ggc</u>	10	1	H04
.....uggacgggUgaacugauaag <u>ggc</u>	9	1	H04
.....uggCcgggagaacugauaag <u>ggc</u>	2	1	H04
.....uggacgggagaacugauaag <u>gAc</u>	9	1	H04
.....uggacgCagaacugauaag <u>ggc</u>	2	1	H04
.....uggacgggagaacugG <u>uaagggc</u>	4	1	H04
.....uggaUggagaacugauaag <u>ggc</u>	4	1	H04
.....uggacgggUaacugauaag <u>ggca</u>	1	1	H04
.....uggacgggagaacugauaag <u>ggcC</u>	25	1	H04
.....Cggacgggagaacugauaag <u>ggca</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggGa</u>	2	1	H04
.....ugAacgggagaacugauaag <u>ggca</u>	1	1	H04
.....uggacgggagaacugauaag <u>ggcU</u>	441	1	H04
.....ugCacgggagaacugauaag <u>ggca</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggAa</u>	1	1	H04
.....uggacgggagaacugG <u>uaagggca</u>	2	1	H04
.....uggacgggagaacugauaag <u>gggca</u>	263	0	H04
.....uggacgggagaacugauaa <u>Cggcau</u>	1	1	H04
.....uggacgggagaacugauaa <u>Aggcau</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggcau</u>	79	0	H04
.....ugUacgggagaacugauaag <u>ggcCau</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggCu</u>	9	1	H04
.....uggacgggagaacugauaag <u>gggUau</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggGu</u>	3	1	H04
.....uggacgggagaacugauaag <u>gggUu</u>	112	1	H04
.....uggacgggagaacugauaag <u>gggcaC</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggcaA</u>	11	1	H04
.....uggacgggagaacugU <u>uaagggcau</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggUua</u>	16	1	H04
.....uggacgggagaacugauaag <u>gggcaAa</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggcaua</u>	1	0	H04
.....uggacgggagaacugauaag <u>gggcauU</u>	20	1	H04
.....uggacgggagaacugauaag <u>gggcaGa</u>	1	1	H04
.....uggacgggagaacugauaag <u>gggcauaU</u>	5	1	H04
.....uggacgggagaacugauaag <u>gggUuaa</u>	2	1	H04
.....uggacgggagaacugauaag <u>gggcauUa</u>	3	1	H04
.....uggacgggagaacugauaag <u>gggcauaaA</u>	1	1	H04
.....ggacgggagaacugauaag.....	2	0	H04
.....ggacgggagaacugauaag <u>ggc</u>	6	0	H04
.....Ugacgggagaacugauaag <u>ggc</u>	3	1	H04
.....gacgggagaacugauaag <u>ggc</u>	2	0	H04
.....gacgggagaacugauaag <u>ggcUu</u>	1	1	H04
.....acgggagaacugauaag <u>gggcaua</u>	2	0	H04
.....cgggagaacugauaag <u>ggc</u>	2	0	H04
.....ccuugucacuuuuccugccc <u>ugu</u>	1	0	A32
.....uggacgggagaacugaua <u>U</u>	2	1	A32
.....uggacgggagaacugaua <u>a</u>	48	0	A32
.....uggacgggagaacugauaG.....	1	1	A32
.....uggacgggagaacugauaa <u>A</u>	8	1	A32
.....uggacgggagaacugauUag.....	2	1	A32
.....uggacgggagaacugauaag.....	139	0	A32
.....uggacgggagaacugauaa <u>U</u>	1	1	A32
.....uggGcgggagaacugauaag.....	1	1	A32
.....uggacgggagaacugauaagA.....	5	1	A32

Star

Mature

auuacagugaugcagacacacauacauaguugucccuugucacuuuuccugcccuguuguguuauacuaucuggacggagaacugauaagggcauaacuuguaauauuacgac			
.....uggacggagaacugauaagC.....	1	1	A32
.....uggacggagaacuUauaagg.....	1	1	A32
.....uggacggagaacugauaagg.....	61	0	A32
.....ugUacggagaacugauaagg.....	1	1	A32
.....uggacggagaacugauaagg.....	69	0	A32
.....uggacggagaacugauaaggA.....	5	1	A32
.....uggacggagaacugauCaggg.....	3	1	A32
.....Cggacggagaacugauaaggg.....	1	1	A32
.....uggacggagaacugauaagggC.....	344	0	A32
.....uggacAgagaacugauaaggg.....	1	1	A32
.....uggacggagaacugauaagggG.....	2	1	A32
.....uggacggagaacugauUagggC.....	1	1	A32
.....ugAacggagaacugauaaggg.....	2	1	A32
.....uggacggagaacugauaagggA.....	13	1	A32
.....uggacggagaacugauaagggU.....	4	1	A32
.....uggacggagaacugauaagggCU.....	34	1	A32
.....uggacggagaacugauaagggUa.....	1	1	A32
.....uggacggagaacugauaagggCC.....	2	1	A32
.....uggacggagaacugauaagggca.....	8	0	A32
.....uggacggagaacugauaagggcaA.....	2	1	A32
.....uggacggagaacugauaagggcUu.....	15	1	A32
.....uggacggagaacugauaagggcAU.....	2	1	A32
.....uggacggagaacugauaagggcUua.....	5	1	A32
.....ccuugucacuuuuccugcccugu.....	1	0	A41
.....uggacggagaacugauaU.....	2	1	A41
.....uggacggagaacugauaa.....	24	0	A41
.....uggaAggagaacuguaag.....	1	1	A41
.....uggacggagaacuguaag.....	81	0	A41
.....uggacggagaacuguaaA.....	6	1	A41
.....uggacggagaacuguaaAg.....	2	1	A41
.....uggacggagaacuguaaagg.....	41	0	A41
.....ugCacggagaacuguaagg.....	1	1	A41
.....uggacggagaacuguaaggA.....	3	1	A41
.....uggacggagaacuguaaggG.....	27	0	A41
.....uggacggagaacuguaaggA.....	3	1	A41
.....uggacggagaacuguaaggU.....	1	1	A41
.....uggacggagaacugauGagg.....	2	1	A41
.....uggacUgagaacuguaagggC.....	1	1	A41
.....uUgacggagaacuguaagggC.....	1	1	A41
.....uggacggagaacuguaagggA.....	4	1	A41
.....uggacggagaacuguaagggC.....	151	0	A41
.....uggacggagaacuguaagggU.....	3	1	A41
.....uggacggagaacuguaaggUc.....	1	1	A41
.....uggacggagaacuguaagggcG.....	1	1	A41
.....uggacggagaacuguaaggUgca.....	1	1	A41
.....uggacggagaacuguaagggcU.....	14	1	A41
.....uggacggagaacuguaagggca.....	6	0	A41
.....uggacggagaacuguaagggcUu.....	2	1	A41
.....uggacggagaacuguaagggcAU.....	6	0	A41
.....uggacggagaacuguaagggcaA.....	1	1	A41
.....uggacggagaacuguaagggcaCa.....	1	1	A41
.....ccuugucacuuuuccugcccug.....	2	0	A53
.....ccuugucacuuuuccugcccugu.....	5	0	A53
.....cuggacggagaacuguaag.....	1	0	A53
.....uggacggagaacuguaaa.....	52	0	A53
.....uggacggagaacugauaU.....	6	1	A53
.....uggacCgagaacuguaag.....	1	1	A53
.....uggacggagaacuguaag.....	202	0	A53
.....uggacggagaacuguaaaA.....	6	1	A53
.....uggacggagaacuguaaU.....	2	1	A53
.....uggacggagaacuguaUg.....	1	1	A53
.....uggacggagaacuguaagC.....	1	1	A53
.....uggacggagaacuguaagA.....	7	1	A53
.....uggacggagaacugauCagg.....	1	1	A53
.....uggacggagaacuguaagg.....	63	0	A53
.....uggacggagaacuguaaggU.....	4	1	A53
.....uggacggagaacuguaaggG.....	95	0	A53
.....uggacggagaacuguaaggA.....	7	1	A53

Star

Mature

auuacagugaugcagacacacauacauaguugugc	ccuugucacuuuuccugcccugu	guguuauacuacuggacggagaacugauaagggc	auaacuuguaauuuacgac			
.....	.....	uggacggagaacugauaaggU.....	.....	1	1	A53
.....	.....	ugUacggagaacugauaaggg.....	.....	1	1	A53
.....	.....	uggacggagaacugauaaggC.....	.....	2	1	A53
.....	.....	uggacggagaacugauaaggga.....	.....	11	1	A53
.....	.....	uggacggGgaacugauaagggc.....	.....	1	1	A53
.....	.....	uggacggagaacugauaagggc.....	.....	449	0	A53
.....	.....	uggacggagaacuCauaagggc.....	.....	1	1	A53
.....	.....	uggacggagaacugauUagggc.....	.....	1	1	A53
.....	.....	uggacggagaacugauCagggc.....	.....	1	1	A53
.....	.....	uggacggagaacAgauaagggc.....	.....	1	1	A53
.....	.....	uggacUgagaacugauaagggc.....	.....	1	1	A53
.....	.....	uggacggagaacugauaagggU.....	.....	6	1	A53
.....	.....	uggacggagaacugauaagggcU.....	.....	37	1	A53
.....	.....	uggacggagaacugauaagggca.....	.....	12	0	A53
.....	.....	uggacggagaacugauaagggaA.....	.....	1	1	A53
.....	.....	uggacggagaacugauaagggcC.....	.....	2	1	A53
.....	.....	uggacggagaacugauaagggcgau.....	.....	9	0	A53
.....	.....	uggacggagaacugauaagggcUu.....	.....	2	1	A53
.....	.....	ggacggagaacugauaag.....	.....	1	0	A53
.....	.....	ggacggagaacugauaagggc.....	.....	1	0	A53
.....
.....	aUacauacauaguugugc.....	.....	.....	1	1	H62
.....	ccuugucacuuuuccugcccugu.....	.....	.....	1	0	H62
.....	ccuugucacuuuuccugcccug.....	.....	.....	4	0	H62
.....	ccuugucacuuuuccugcccugu.....	.....	.....	19	0	H62
.....	ugucacuuuuccugcccuguguguuauacuacuggacggagaacugauaa.....	.....	.....	1	0	H62
.....	.....	Guggacggagaacugauaag.....	.....	1	1	H62
.....	.....	cuggacggagaacugauaag.....	.....	1	0	H62
.....	.....	cuggacggagaacugauaagg.....	.....	2	0	H62
.....	.....	Guggacggagaacugauaagg.....	.....	1	1	H62
.....	.....	cuggacggagaacugauaaggC.....	.....	1	1	H62
.....	.....	cuggacggagaacugauaagggc.....	.....	5	0	H62
.....	.....	cuggacggagaacugauaagggca.....	.....	1	0	H62
.....	.....	uggacUgagaacugauaa.....	.....	1	1	H62
.....	.....	uggaUggagaacugauaa.....	.....	2	1	H62
.....	.....	ugCacggagaacugauaa.....	.....	1	1	H62
.....	.....	uggacggagaUcugauaa.....	.....	1	1	H62
.....	.....	uggacggagaacugauUa.....	.....	2	1	H62
.....	.....	uggacggagaacugauaa.....	.....	600	0	H62
.....	.....	uggacggagaacugGuaa.....	.....	1	1	H62
.....	.....	uggacggagaacugauaU.....	.....	25	1	H62
.....	.....	ugUacggagaacugauaa.....	.....	2	1	H62
.....	.....	uggaAggagaacugauaa.....	.....	1	1	H62
.....	.....	uggacggagaacugauCa.....	.....	2	1	H62
.....	.....	uggacggagaaUugauaag.....	.....	1	1	H62
.....	.....	uggacggagaacugauaag.....	.....	2100	0	H62
.....	.....	uggaAggagaacugauaag.....	.....	1	1	H62
.....	.....	uggacggagaacugauaaa.....	.....	138	1	H62
.....	.....	ugCacggagaacugauaag.....	.....	3	1	H62
.....	.....	uggacggagaacugauAGg.....	.....	1	1	H62
.....	.....	uUgacggagaacugauaag.....	.....	1	1	H62
.....	.....	Cggacggagaacugauaag.....	.....	1	1	H62
.....	.....	uggacggagaacugauaCg.....	.....	1	1	H62
.....	.....	uggacggagaacugGuaag.....	.....	1	1	H62
.....	.....	uggacggaUaacugauaag.....	.....	1	1	H62
.....	.....	uggacggagaacugauCag.....	.....	1	1	H62
.....	.....	uggacggagaacugauaaU.....	.....	28	1	H62
.....	.....	ugUacggagaacugauaag.....	.....	5	1	H62
.....	.....	uggacggagaacugauaaC.....	.....	1	1	H62
.....	.....	uggacggagaacugauaUg.....	.....	1	1	H62
.....	.....	uggacggagaaAugauaag.....	.....	2	1	H62
.....	.....	uggacgAgaacugauaag.....	.....	2	1	H62
.....	.....	uggacgUagaacugauaag.....	.....	6	1	H62
.....	.....	uggacggagaacugaaAag.....	.....	1	1	H62
.....	.....	uggacggagaacugCuaag.....	.....	1	1	H62
.....	.....	uggacggagaacugUuaag.....	.....	1	1	H62
.....	.....	uggacggagCacugauaag.....	.....	1	1	H62
.....	.....	uggacggaAaacugauaag.....	.....	1	1	H62

Star

Mature

auuacagugaugcagacacacauacauaguugugccccuugucacuuuuccugcccuguguguuauacuacuggacggagaacugauaagggcauaacuuguauauuuacgac

.....uggaGggagaacugauaag.....	4	1	H62
.....ugAacggagaacugauaag.....	1	1	H62
.....uggacggagaacugauGagg.....	1	1	H62
.....uggacUgagaacugauaagg.....	1	1	H62
.....uggacggagaacugaAaagg.....	1	1	H62
.....uggacggagaacugauaagg.....	976	0	H62
.....uggacggagaacugauaagU.....	33	1	H62
.....uggaAaggagaacugauaagg.....	4	1	H62
.....uggacggagaacugauaaAg.....	4	1	H62
.....uggacggagGacugauaagg.....	1	1	H62
.....uggacggagCacugauaagg.....	1	1	H62
.....uggacggagaacugGuaagg.....	1	1	H62
.....uggacggagaacugauaagC.....	5	1	H62
.....uggacggagaacugauaagA.....	107	1	H62
.....ugCacggagaacugauaagg.....	3	1	H62
.....uggaGggagaacugauaagg.....	2	1	H62
.....uggacggagUacugauaagg.....	1	1	H62
.....uggacggagaacuCauaagg.....	2	1	H62
.....uggacggagaacugauaaUg.....	2	1	H62
.....ugUacggagaacugauaagg.....	1	1	H62
.....uggacggagaacugauaaCg.....	2	1	H62
.....ugCacggagaacugauaaggg.....	1	1	H62
.....uggacggagaacuUauaaggg.....	1	1	H62
.....uggacggagaacugauaaUgg.....	1	1	H62
.....uggacggagaGcugauaaggg.....	1	1	H62
.....uggacggagaacugauaaggA.....	173	1	H62
.....uggacggagaacugauGagg.....	1	1	H62
.....uggacggagaacugCuaaggg.....	1	1	H62
.....uggacgAgaacugauaaggg.....	1	1	H62
.....uggacggagaacugauaaggU.....	28	1	H62
.....uggacggagaacugauaaggg.....	395	0	H62
.....uggacggagaacugauaaAagg.....	1	1	H62
.....uggacggagaacugGuaaggg.....	3	1	H62
.....uggacggagaacugauaaggC.....	1	1	H62
.....ugAacggagaacugauaaggg.....	2	1	H62
.....uggacggagaacugauaaggA.....	48	1	H62
.....uggacggagUacugauaagggc.....	1	1	H62
.....ugUacggagaacugauaagggc.....	8	1	H62
.....uggacggCgaacugauaagggc.....	3	1	H62
.....uggacAgaacugauaagggc.....	4	1	H62
.....uggacggagaacuAuaagggc.....	1	1	H62
.....uggacggagaacugauCagggc.....	3	1	H62
.....uggacggagaacugauaagggc.....	9946	0	H62
.....uggacggagaacugauaaCggc.....	13	1	H62
.....uggacggCaacugauaagggc.....	2	1	H62
.....uggacggGgaacugauaagggc.....	5	1	H62
.....uggacggagaacCgaauagggc.....	4	1	H62
.....uggacggagaacAgauaagggc.....	2	1	H62
.....uUgacggagaacugauaagggc.....	2	1	H62
.....uggGcggagaacugauaagggc.....	2	1	H62
.....uggacggagaCcuauaagggc.....	1	1	H62
.....ugAacggagaacugauaagggc.....	14	1	H62
.....uggacggagaaUugauaagggc.....	1	1	H62
.....uggacCgagaacugauaagggc.....	2	1	H62
.....uAgaacggagaacugauaagggc.....	2	1	H62
.....uggacggagaacugauGagggc.....	6	1	H62
.....uggacggagaacugauaagggU.....	19	1	H62
.....uggaUggagaacugauaagggc.....	8	1	H62
.....uggacggagaacuUauaagggc.....	6	1	H62
.....uggacggagaacugauaaggUc.....	12	1	H62
.....uggacUgagaacugauaagggc.....	6	1	H62
.....uggacggagaacugauaaggAc.....	5	1	H62
.....Aggaacggagaacugauaagggc.....	1	1	H62
.....ugCacggagaacugauaagggc.....	9	1	H62
.....uggacggagaacugauaaggCc.....	4	1	H62
.....uggacggauAacugauaagggc.....	4	1	H62
.....uggacggagaacugauaagCgc.....	1	1	H62
.....uggacggagaacugauaaUggc.....	18	1	H62
.....uggaAaggagaacugauaagggc.....	23	1	H62
.....uggacggagaacugUuaagggc.....	4	1	H62

Star

Mature

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.....u	ggacggUga	acugauaagggc	1	1	H62
.....C	ggacggagaa	acugauaagggc	2	1	H62
.....u	ggacgUaga	acugauaagggc	4	1	H62
.....u	ggUcggagaa	acugauaagggc	3	1	H62
.....u	ggacggagaa	cugaCaagggc	3	1	H62
.....u	ggacggagaa	acugGuaagggc	4	1	H62
.....u	ggacggagaa	cugaGaagggc	3	1	H62
.....u	ggacggagaa	acugCuaagggc	5	1	H62
.....u	ggCcgagaa	acugauaagggc	1	1	H62
.....u	ggacggagaa	acugauaCgggc	1	1	H62
.....u	ggacggagaa	cugaAaagggc	2	1	H62
.....u	ggaGggagaa	acugauaagggc	5	1	H62
.....u	ggacggagaa	cugauaaAggc	11	1	H62
.....u	ggacggagaa	acugauUagggc	1	1	H62
.....u	ggacgCaga	acugauaagggc	1	1	H62
.....u	ggacggagaa	acugauaagAgc	1	1	H62
.....u	ggacggagaa	Augauaagggc	1	1	H62
.....u	ggacggagaa	acugauaagggcC	15	1	H62
.....u	ggacggagaa	cugUuaagggca	1	1	H62
.....u	ggacggagaa	acugauaagggcU	451	1	H62
.....u	ggacAgagaa	acugauaagggca	1	1	H62
.....u	ggacggagaa	acugauaagggca	363	0	H62
.....u	ggacggagaa	acugauaagggAa	1	1	H62
.....u	ggacggagaa	acugauaagggcG	6	1	H62
.....u	gUacggagaa	acugauaagggca	1	1	H62
.....u	ggacggagaa	acugauaaUggca	1	1	H62
.....u	ggacggagaa	acugauaagggUca	1	1	H62
.....u	ggacgggUga	acugauaagggca	1	1	H62
.....u	ggacggagaa	cugUuaagggca	1	1	H62
.....u	ggacggagaa	acugauGagggca	2	1	H62
.....u	gAacggagaa	acugauaagggca	1	1	H62
.....u	ggacggagaa	acugauaagggAca	1	1	H62
.....u	ggacggagaa	acugauaagggUa	1	1	H62
.....u	ggacggagaa	acugauaagggcau	90	0	H62
.....u	ggacggagaa	acugauaaUggcau	1	1	H62
.....u	ggacggagaa	acugauaagggUau	6	1	H62
.....u	ggacggagaa	acugauaagggAau	1	1	H62
.....u	ggacggagaa	acugauaagggcUu	68	1	H62
.....u	ggacggagaa	acugauaagggcaA	1	1	H62
.....u	ggacggagaa	acugauaagggcCu	3	1	H62
.....u	ggacggagaa	acugauaagggcCa	1	1	H62
.....u	ggacggagaa	acugauaagggcaua	1	0	H62
.....u	ggacggagaa	acugauaagggcUua	9	1	H62
.....u	ggacggagaa	acugauaagggcUu	14	1	H62
.....u	ggacggagaa	acugauaagggcaAa	1	1	H62
.....u	ggacggagaa	acugauaagggcauGa	1	1	H62
.....u	ggacggagaa	acugauaagggcauUa	2	1	H62
.....u	ggacggagaa	acugauaagggcauaU	6	1	H62
.....u	ggacggagaa	acugauaagggcauaaU	2	1	H62
.....u	ggacggagaa	acugauaagggcauaaA	1	1	H62
.....u	Ugacggagaa	acugauaag	1	1	H62
.....u	Ugacggagaa	acugauaagggc	2	1	H62
.....u	ggacggagaa	acugauaagggc	5	0	H62
.....u	ggacggagaa	acugauaagggcau	1	0	H62
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.....ccu	ugucacuuu	uccugcccug	4	0	H42
.....ccu	ugucacuuu	uccugcccugu	16	0	H42
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.....ccu	ugucacuuu	uccugcccuguA	4	1	H42
.....ccu	ugucacuuu	uccugcccuguUu	1	1	H42
.....u	cuggacggagaa	acugauaa	1	0	H42
.....cu	Ugacggagaa	acugauaa	1	1	H42
.....G	uggacggagaa	acugauaag	1	1	H42

Star

Mature

auuacagugaugcagacacacauacauaguugugcccuugucacuuuuccugcccuguguguuauacuacuggacggagaacugauaagggcauaacuuguaauuuacgac

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.....cuggacggagaacugauaagg.....	1	0	H42
.....cuggacggagaacugauaagggc.....	1	0	H42
.....Guggacggagaacugauaagggca.....	1	1	H42
.....uggaGggagaacugauaa.....	2	1	H42
.....uggaAggagaacugauaa.....	1	1	H42
.....uggacggagaacugaaAa.....	2	1	H42
.....uggacggagaacugauaa.....	671	0	H42
.....uggacggagaacugaCaa.....	1	1	H42
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.....uggacggagaacugauUa.....	1	1	H42
.....uggacggagaacugauaG.....	1	1	H42
.....uggacggGgaacugauaa.....	1	1	H42
.....uggaUggagaacugauaa.....	1	1	H42
.....uggacggagaacuUauaa.....	2	1	H42
.....uggacggagaacuCauaa.....	1	1	H42
.....uggacggagaacugauaU.....	35	1	H42
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.....uggacggagaacugUuaag.....	1	1	H42
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.....uggacggagaacugauaaC.....	6	1	H42
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.....uggacggagaacugauaUg.....	1	1	H42
.....uggaAggagaacugauaag.....	3	1	H42
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.....uggacggagaacAgauaagg.....	1	1	H42
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.....uggacggagaacugGuaagg.....	1	1	H42
.....uggacggagaacugauaaUg.....	4	1	H42
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.....ugCacggagaacugauaagg.....	2	1	H42
.....uggaGggagaacugauaagg.....	2	1	H42
.....uggacggagaacugUuaagg.....	1	1	H42
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.....uggacggagaacugauaagU.....	57	1	H42
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.....uggacggagaacuAuaaagg.....	1	1	H42
.....uggacggagaacugauaaAg.....	6	1	H42
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.....uggacggagaacugauaaUgg.....	1	1	H42
.....uggacggagaacugauaaggg.....	337	0	H42
.....uggacggagaacugauaCggg.....	1	1	H42
.....uggacggagaacugauGaggg.....	1	1	H42
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Star

Mature

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.....uggacgggagaaacugGuaaggg.....	1	1	H42
.....uggaGggagaaacugauaaggg.....	1	1	H42
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.....Aggacgggagaaacugauaagggc.....	1	1	H42
.....uggacgggagaaacugauaaggUc.....	9	1	H42
.....uggacgggagaaacugauaaggAc.....	4	1	H42
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.....uggacgggagaaacugauUagggc.....	1	1	H42
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.....ugCacgggagaaacugauaagggc.....	2	1	H42
.....uggacgggaAaacugauaagggc.....	1	1	H42
.....uggacUgagaacugauaagggc.....	6	1	H42
.....uggacgggagaaacugauaaggCc.....	1	1	H42
.....uggaGggagaaacugauaagggc.....	5	1	H42
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Star

Mature

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.....uggacggagaacugauaagggUau.....	12	1	H42
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.....uggacggagaacugauaagggcUua.....	25	1	H42
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.....uggacggagaacugauaagggcauUa.....	3	1	H42
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.....uggacggagaacugauaagggcauaC.....	1	1	H42
.....uggacggagaacugauaagggcUuaa.....	4	1	H42
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.....uggacggagaacugauaaggC.....	1	1	E12
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Star

Mature

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.....uggacgggagaaacugauaagggU.....	23	1	E12
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.....uggacgggagaaacugauaaCggc.....	9	1	E12
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Mature

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Mature

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Mature

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Star

Mature

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Star

Mature

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Mature

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Star

Mature

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Star

Mature

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.....uggacggagaacugauaagggcUu.....	3	1	A04
.....uggacggagaacugauaagggcCau.....	7	0	A04
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Star

Mature

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Star

Mature

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.....uggacggagaacugauaG.....	1	1	H41
.....uggacggagaacugauCa.....	1	1	H41
.....uggacggagaacugauUa.....	1	1	H41
.....uggacggagaacugauGa.....	1	1	H41
.....uggaGggagaacugauaa.....	1	1	H41
.....uggacggagaacugauU.....	20	1	H41
.....uggacAgagaacugauaa.....	1	1	H41
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.....ugaAcggagaacugauaa.....	1	1	H41
.....uggacggagGacugauaag.....	1	1	H41
.....ugCacggagaacugauaag.....	1	1	H41
.....uggacggagaacugauaUg.....	1	1	H41
.....uggacggagUacugauaag.....	2	1	H41

Star

Mature

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.....uggacgggagaaacugauaaG.....	1489	0	H41
.....uggaAggagaacugauaaG.....	5	1	H41
.....uggacgggagaaacugaCaag.....	1	1	H41
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.....uggacgggagaacugauaaU.....	12	1	H41
.....uggUcgggagaacugauaaG.....	1	1	H41
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.....uggacgggagaacugauaaA.....	191	1	H41
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.....uggacgggagaacugauaaUg.....	1	1	H41
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.....uggacgggagaacugaGaagg.....	1	1	H41
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.....uggacgggagaacugauaaGgg.....	250	0	H41
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.....uggacgggagaacugauaaGgA.....	172	1	H41
.....uggacgggagaacugauaaGgU.....	22	1	H41
.....uggacgggagaacugauUaggg.....	1	1	H41
.....uggacggUgaacugauaaGggc.....	2	1	H41
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.....ugAacgggagaacugauaaGggc.....	5	1	H41
.....uggacgggagaacugauaaAggc.....	3	1	H41
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.....uUacgggagaacugauaaGggc.....	1	1	H41
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Star

Mature

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.....uggacgggagaacugauaaggUC.....	2	1	H41
.....uggacgggagaacCgauaagggc.....	1	1	H41
.....uggacggGgaacugauaagggca.....	1	1	H41
.....uggacggagaacugauaagggcU.....	318	1	H41
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.....uggacgggagaacugauaagggcC.....	16	1	H41
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.....uggacggaUaacuguaagggca.....	1	1	H41
.....uggacgggagaacuguaaaggGUa.....	4	1	H41
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.....uggacgggagaacuguaaagggcauaaU.....	5	1	H41
.....uggacgggagaacuguaaagggcauaaAu.....	1	1	H41
.....ggacgggagaacuguaaaA.....	1	1	H41
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.....ggacgggagaacuguaaagggc.....	1	0	H41
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.....gacgggagaacuguaaagggcUu.....	1	1	H41
.....acgggagaacuguaaagggc.....	1	0	H41
.....ggagaacuguaaagggcCu.....	1	1	H41
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.....cuggacgggagaacuguaaag.....	1	0	T73
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.....uggacgggagaacuguaaa.....	116	0	T73
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.....uggacgggagaacuguaaU.....	2	1	T73
.....ugAacgggagaacuguaaag.....	1	1	T73
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.....uggacgggagaacuguaaaggC.....	2	1	T73

Star

Mature

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.....uggacgggagaacugauaagCggc.....	1	1	T73
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.....uggacgggagaacugaCaagggc.....	1	1	T73
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.....uggacgggagaacugauaagggc.....	544	0	T74
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Star

Mature

auuacagugaugcagacacacauacauaguugugcc <u>ccuugucacuuuuccugcccugu</u> guguuauacuacuggacggagaacugauaagggc <u>cau</u> aacuuguaauuuacgac			
.....uggacggagaacugauaaUggca.....	1	1	T74
.....uggacggagaacugauaagggcC.....	2	1	T74
.....uggacggagaacugauaagggcC.....	27	0	T74
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.....uggacggagaacugauaagggcG.....	1	1	T74
.....uggacggagaacugauaagggcU.....	35	1	T74
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Star

Mature

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Star

Mature

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.....ccuugucacuuuuccugcccugG.....	1	1	E74

Star

Mature

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Star

Mature

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.....uggacggagagGcugauaag.....	1	1	E74
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Star

Mature

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Star

Mature

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.....uggacgggagaaacugauGagggcau.....	1	1	E73
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Mature

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.....Ugacgggagaacugauaagggc.....	2	1	E73
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Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Mature

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Mature

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Mature

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Mature

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Star

Mature

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.....uggacggagaacugauaagg.....	2858	0	H71
.....uggacAgagaacugauaagg.....	2	1	H71
.....uggacUgagaacugauaagg.....	1	1	H71
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.....uggacggagaacugauGagg.....	4	1	H71
.....uggacggagaacugauaagA.....	312	1	H71
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.....Aggacggagaacugauaagg.....	1	1	H71
.....uggacggUgaacugauaagg.....	2	1	H71
.....uggacggagaacuUauaagg.....	3	1	H71
.....uggacggagaacugauaUgg.....	1	1	H71
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.....uggacggagaacugauaGgg.....	1	1	H71
.....uggacgggaUaacugauaagg.....	2	1	H71
.....ugUacggagaacugauaagg.....	4	1	H71
.....uggacggagaacugauCagg.....	2	1	H71
.....uggacggagaacugUuaagg.....	1	1	H71
.....uggaGggagaacugauaaggg.....	1	1	H71

Star

Mature

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.....uggacgUagaacugauaaggg.....	1	1	H71
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.....uggacggagaaucugCuaaggg.....	1	1	H71
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.....uggacggaUaacugauaaggg.....	2	1	H71
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.....uggacggagaaucugauCaggg.....	20	1	H71
.....uggacggagaaucugauaaggUc.....	15	1	H71
.....uggacggagaaucugaGaaggg.....	4	1	H71
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.....uggacggagaaucUaaaggg.....	6	1	H71
.....uggacggagaaUugauaaggg.....	2	1	H71
.....uggacggagaaucugauaagggA.....	166	1	H71
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.....uggGcggagaaucugauaaggg.....	8	1	H71
.....uggacggagaaucugUaaaggg.....	5	1	H71
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.....uggacggagGacugauaaggg.....	4	1	H71
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.....uggacggUgaacugauaaggg.....	8	1	H71
.....uggacggagaaucugauaagCgc.....	1	1	H71
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Star

Mature

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.....uggacAgagaacugauaagggc.....	5	1	H71
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.....uggacgggagUacugauaagggc.....	7	1	H71
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.....uGcagggagaacugauaagggc.....	4	1	H71
.....uggacgggagaacugauaagggcC.....	23	1	H71
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.....uggacgggagaacugauaaCggca.....	3	1	H71
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.....uggacgggagaacugauaaggCca.....	1	1	H71
.....uggacgggagaacugauaagggUa.....	4	1	H71
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.....uggacgggagaacugauCagggca.....	1	1	H71
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.....uggacgggagaacugauaagggAca.....	1	1	H71
.....uggacgggagaacugauaagggcUu.....	236	1	H71
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.....uggacgggagaacugauaagggcUau.....	4	1	H71
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.....uggacgggagaacugauaagggcA <u>au</u>	2	1	H71
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.....uggacgggagaacugauaagggc <u>caua</u>	9	0	H71
.....uggacgggagaacugauaagggcU <u>aua</u>	1	1	H71
.....uggacgggagaacugauaagggc <u>caAa</u>	3	1	H71
.....uggacgggagaacugauaagggc <u>cauG</u>	1	1	H71
.....uggacgggagaacugauaagggcU <u>ua</u>	31	1	H71
.....ugCacgggagaacugauaagggc <u>caua</u>	1	1	H71
.....uggacgggagaacugauaagggc <u>cauU</u>	45	1	H71
.....uggacgggagaacugauaagggc <u>cauUa</u>	2	1	H71
.....uggacgggagaacugauaagggc <u>cauaU</u>	26	1	H71
.....uggacgggagaacugauaagggcU <u>uaa</u>	3	1	H71
.....uggacgggagaacugauaagggc <u>caAaa</u>	1	1	H71
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.....uggacgggagaacugauaagggc <u>cauaaU</u>	3	1	H71
.....uggacgggagaacugauaagggc <u>cauaaA</u>	7	1	H71
.....uggacgggagaacugauaagggc <u>cauaaAu</u>	4	1	H71
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.....acgggagaacugauaagggc <u>cauU</u>	1	1	H71
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Star

Mature

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.....ccuugucacuuuuccugcccugu.....	3	0	E13
.....ccuugucacuuuuccugcccug.....	5	0	E13
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.....ccuugucacuuuuccugcccuguA.....	3	1	E13
.....guguguuauacua <u>cuggacgggagaacugauaagggc</u> au.....	1	0	E13
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.....cuggacgggagaacugauaagggc.....	8	0	E13
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Star

Mature

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.....uUgacgggagaaacugauaaggg.....	1	1	E13
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.....ugAacgggagaaacugauaagggca.....	1	1	E13

Star

Mature

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.....uggacgggagaa <u>cugauaagU</u> gca.....	2	1	E13
.....uggacgggagaa <u>cugauaagggcU</u>	591	1	E13
.....uggacgggagaa <u>cugUuaagggc</u> ca.....	1	1	E13
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.....uggacgggagaa <u>cugauaagggc</u> cau.....	89	0	E13
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.....uggacgggagaa <u>cugauaagggG</u> au.....	1	1	E13
.....uggacgggagaa <u>cugauaagggcU</u> u.....	122	1	E13
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.....uggacgggagaa <u>cugauaagggc</u> aua.....	2	0	E13
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.....Ugacgggagaa <u>cugaua</u> ag.....	1	1	E13
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.....ggacgggagaa <u>cugaua</u> agg.....	1	0	E13
.....ggacgggagaa <u>cugaua</u> aggA.....	1	1	E13
.....ggacgggagaa <u>cugaua</u> agggc.....	8	0	E13
.....gacgggagaa <u>cugaua</u> agg.....	1	0	E13
.....gacgggagaa <u>cugaua</u> agggc.....	3	0	E13
.....gacgggagaa <u>cugaua</u> agggcUu.....	1	1	E13
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.....ccuugucacuuuuccugccc.....	1	0	B11
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.....ccuugucacuuuuccugcccugu.....	4	0	B11
.....ccuugucacuuuuccugcccuguguguuauacua <u>cuggacggagaa</u> cuga.....	1	0	B11
.....uggacgggagaa <u>cugaua</u> C.....	1	1	B11
.....uggacgggagaa <u>cugaua</u> aa.....	28	0	B11
.....uggacgggagaa <u>cugaua</u> aaA.....	3	1	B11
.....ugUacgggagaa <u>cugaua</u> ag.....	1	1	B11
.....uggacgggagaa <u>cugaua</u> ag.....	91	0	B11
.....uggacgggagaa <u>cugaua</u> agU.....	2	1	B11
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.....uggacgggagaa <u>cugaua</u> agggcU.....	50	1	B11

Mature

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.....uggacggagaacugauaagggcUa.....	1	1	B11
.....uggacggagaacugauaagggcG.....	1	1	B11
.....uggacggagaacugauaagggcUu.....	9	1	B11
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Star

Mature

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.....uggGcgggagaaacugauaagggc.....	2	1	E01
.....uggacgggagaaacugauaaAggc.....	6	1	E01
.....uggacgggagaaacugauaagggc.....	4840	0	E01
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Star

Mature

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Star

Mature

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Star

Mature

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.....uggacggagaaacugauaagggcG.....	1	1	A43
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Mature

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Star

Mature

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Mature

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Star

Mature

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Star

Mature

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Mature

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Star

Mature

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Mature

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Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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.....cuggacgggagaacugauaagggc.....	4	0	H51
.....Cggacgggagaacugauaa.....	1	1	H51
.....uggacgggagaacugauaa.....	534	0	H51
.....uggacgggagaacugGuaa.....	1	1	H51
.....uggaUggagaacugauaa.....	1	1	H51
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.....ugAacgggagaacugauaa.....	1	1	H51
.....ugCacgggagaacugauaa.....	1	1	H51
.....uggacgggagaacugUuaa.....	1	1	H51
.....uggacgggagaacuUauaa.....	1	1	H51
.....uggacgggagaacugauGa.....	3	1	H51
.....uggacgggagaacugauUa.....	6	1	H51
.....uggacgggagaUcugauaa.....	1	1	H51
.....uggacgggagaacugauaU.....	40	1	H51
.....uggacgggagaGcugauaa.....	1	1	H51
.....uggacgggagaacugauaG.....	1	1	H51
.....uggacgggagaacugauaaU.....	29	1	H51
.....uggacgggaAaacugauaag.....	1	1	H51
.....Gggacgggagaacugauaag.....	1	1	H51
.....uggacgggagaacugauaaC.....	2	1	H51
.....uggacgggagaacugGuaag.....	3	1	H51
.....uggacgggaUaacugauaag.....	1	1	H51
.....uggacgggagaacugauCag.....	1	1	H51
.....uggacAgagaacugauaag.....	1	1	H51
.....uggacgggagaacugaCaag.....	2	1	H51
.....uggacgggagaacugUuaag.....	1	1	H51
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.....uggUcgggagaacugauaag.....	1	1	H51
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.....uggacgggagaacuUauaag.....	1	1	H51
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.....uggacgggagaacugauCagg.....	1	1	H51
.....uggacgggUgaacugauaagg.....	2	1	H51
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.....ugUacgggagaacugauaaggg.....	1	1	H51
.....uggacgggagaacugauaaggU.....	28	1	H51

Star

Mature

auuacagugaugcagacacacauacauaguugugccccuugucacuuuuccugcccuguguguuauacuacuggacgggagaacugauaagggcauaacuuguaauuuacgac

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.....ugAacggagaacugauaaggg.....	2	1	H51
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.....ugCacggagaacugauaagggc.....	4	1	H51
.....Cggacggagaacugauaagggc.....	1	1	H51
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.....uggaAggagaacugauaagggc.....	6	1	H51
.....uggacggagaacugauaaggCc.....	2	1	H51
.....uggacggagaacugauUagggc.....	2	1	H51
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.....uggacggagaacugUuaagggc.....	2	1	H51
.....uggacggagaaUugauaagggc.....	1	1	H51
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.....uggacggagaacugauaaCggc.....	8	1	H51
.....uggacggagUacugauaagggc.....	2	1	H51
.....uCGacggagaacugauaagggc.....	1	1	H51
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.....uggacggagaacugaGaagggc.....	2	1	H51
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.....uggacggagaacugauaagggca.....	407	0	H51
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.....uggacggagaacugauaagggUau.....	10	1	H51
.....uggacggagaacugauGagggcau.....	1	1	H51

Star

Mature

auuacagugaugcagacacacauacauaguugugcc <u>ccuugucacuuuuccugcccugu</u> guguuauacua <u>cuggacggagaacugauaagggc</u> auaacuuguaauaacgac			
.....uggacggagaacugauaagggc <u>cau</u>	135	0	H51
.....uggacggagaacugauaagggc <u>Cu</u>	2	1	H51
.....ug <u>U</u> acggagaacugauaagggc <u>cau</u>	1	1	H51
.....uggacggagaacugauaagggc <u>caC</u>	5	1	H51
.....uggacggagaacugauaagggc <u>caA</u>	23	1	H51
.....uggacggagaacugaua <u>aC</u> gg <u>cau</u>	1	1	H51
.....uggacggagaacugauaagggc <u>G</u> u.....	1	1	H51
.....uggacggagaacugauaagggc <u>U</u> u.....	104	1	H51
.....uggacggagaacugauaaggg <u>AA</u> u.....	3	1	H51
.....uggacggagaacugauaaggg <u>U</u> aua.....	2	1	H51
.....uggacggagaacugauaagggc <u>AA</u>	3	1	H51
.....uggacggagaacugauaagggc <u>cauU</u>	22	1	H51
.....uggacggagaacugauaagggc <u>U</u> ua.....	18	1	H51
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.....uggacggagaacugauaagggc <u>cauaa</u>	1	0	H51
.....uggacggagaacugauaagggc <u>cauaU</u>	16	1	H51
.....u <u>U</u> gacggagaacugauaagggc <u>cauaa</u>	1	1	H51
.....uggacggagaacugauaagggc <u>U</u> uaa.....	2	1	H51
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.....uggacggagaacugauaagggc <u>cauaAA</u>	1	1	H51
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.....ggacggagaacugauaagggc <u>ca</u>	1	0	H51
..... <u>U</u> acggagaacugauaagggc <u>ca</u>	1	1	H51
.....ggagaacugauaagggc <u>ca</u>	1	0	H51
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.....uggacggagaacugaua <u>aaA</u>	6	1	A31
.....ug <u>A</u> acggagaacugauaag.....	1	1	A31
.....u <u>A</u> gacggagaacugauaag.....	1	1	A31
.....uggacggagaacugauaag <u>A</u>	7	1	A31
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.....uggacggagaacugauaaggg <u>A</u>	5	1	A31
.....u <u>C</u> gacggagaacugauaaggg.....	1	1	A31
.....uggacggagaacugauaaggg <u>U</u>	1	1	A31
.....uggacggagaacugauaaggg.....	62	0	A31
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.....uggacggagaacugaua <u>aC</u> ggc.....	1	1	A31
.....uggacg <u>U</u> agaacugauaagggc.....	1	1	A31
.....u <u>A</u> gacggagaacugauaagggc.....	1	1	A31
.....uggacggagaacugau <u>aC</u> gggc.....	1	1	A31
.....u <u>C</u> gacggagaacugauaagggc.....	1	1	A31
.....uggacggagaacugau <u>U</u> agggc.....	1	1	A31
.....uggacgg <u>U</u> aacugauaagggc.....	1	1	A31
.....uggacggagaacugau <u>aC</u> gggc.....	1	1	A31
.....ug <u>A</u> acggagaacugauaagggc.....	1	1	A31
.....uggacggagaacugauaaggg <u>U</u> c.....	2	1	A31
.....uggacggagaacugaua <u>aU</u> ggc.....	1	1	A31
.....uggacggagaacugauaaggg <u>A</u>	9	1	A31
.....uggacggagaacugauaagggc.....	5	1	A31
.....uggacggagaacugauaagggc <u>ca</u>	9	0	A31
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.....uggacggagaacugauaagggc <u>Ua</u>	1	1	A31
.....uggacggagaacugauaagggc <u>AA</u>	1	1	A31
.....uggacggagaacugauaagggc <u>U</u> u.....	15	1	A31
.....uggacggagaacugauaagggc <u>cau</u>	8	0	A31
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.....uggacggagaacugauaagggc <u>U</u> ua.....	1	1	A31
.....uggacggagaacugauaagggc <u>U</u> aua.....	1	1	A31
.....ccuugucacuuuuccugccc <u>ug</u>	1	0	R71
.....ccuugucacuuuuccugccc <u>ugu</u>	4	0	R71
.....ccu <u>C</u> gucacuuuuccugccc <u>ugu</u>	1	1	R71
.....Guggacggagaacugauaaggg.....	1	1	R71

Star

Mature

auuacagugaugcagacacacauacauaguugucccuugugacuuuuccugcccuguguguuauacuaucuggacggagaacugauaagggcauaacuuguauauuacgac

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.....uggacggagaacugauaa.....	52	0	R71
.....uggacUgagaacugauaa.....	1	1	R71
.....uggacggagaacugauaU.....	3	1	R71
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.....uggacgCagaacuguaagggc.....	1	1	R71
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.....ugAacggagaacugauaa.....	3	1	H72
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Star

Mature

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.....uggacggagaacugUuaa.....	2	1	H72
.....uggacggGgaacugauaa.....	1	1	H72
.....uggacgUagaacugauaa.....	3	1	H72
.....uggGcggagaacugauaa.....	2	1	H72
.....uggacggagaacUuaaa.....	1	1	H72
.....uggacggagaacugaAaa.....	2	1	H72
.....uggacggagaacugauGa.....	4	1	H72
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.....uggacggagaacUuaaag.....	1	1	H72
.....uggacggUgaacugauaag.....	2	1	H72
.....uggacggagaUcugauaag.....	1	1	H72
.....uggacggagaacugaAaag.....	1	1	H72
.....uAgacggagaacugauaag.....	3	1	H72
.....uggacggagaacugauCag.....	4	1	H72
.....uggaAaggagaacugauaag.....	11	1	H72
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.....uUgacggagaacugauaag.....	4	1	H72
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.....uggacCgagaacugauaag.....	2	1	H72
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.....uggacggagaacugaCaag.....	4	1	H72
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.....uggacggagaacugauaUg.....	4	1	H72
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.....uggUcggagaacugauaagg.....	2	1	H72
.....uggacggagaacGgaauaagg.....	1	1	H72
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.....uggCcggagaacugauaagg.....	1	1	H72
.....uggacggagaacugauaaCg.....	2	1	H72
.....uggaGggagaacugauaagg.....	3	1	H72
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.....uggacggagaacugauaaUg.....	3	1	H72
.....uggacggagaacugGuaagg.....	1	1	H72

Star

Mature

auuacagugaugcagacacacauacauaguugugccccuugucacuuuuccugcccuguguguuauacuacuggacgggagaacugauaagggcauaacuuguaauuuacgac

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.....Cggacgggagaacugauaagg.....	1	1	H72
.....uggacggCgaacugauaagg.....	1	1	H72
.....uggacgggaaAugauaagg.....	1	1	H72
.....ugAacgggagaacugauaagg.....	4	1	H72
.....uggacgggagaacugauaagU.....	69	1	H72
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.....uggacggGgaacugauaagg.....	1	1	H72
.....ugAacgggagaacugauaagg.....	1	1	H72
.....uggaGggagaacugauaagg.....	2	1	H72
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.....uggacgggagaacugauaaggU.....	32	1	H72
.....uggacgggagaacugauUagg.....	2	1	H72
.....Cggacgggagaacugauaagg.....	2	1	H72
.....uggacgggagaacugauaaggA.....	284	1	H72
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.....ugCacgggagaacugauaagg.....	1	1	H72
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.....uggacgggagaacugauaaggC.....	5	1	H72
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.....uggacgggagaacugauaagg.....	973	0	H72
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Star

Mature

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.....Cggacggagaacugauaagggc.....	2	1	H72
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.....uggacggagaacugauaagggcaua.....	6	0	H72
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.....ggacggagaacugauaag.....	5	0	H72
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.....gacggagaacugauaagggc.....	2	0	H72
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Star

Mature

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.....ccuugucacuuuuccugcccuguU.....	1	1	H52
.....ccuugucacuuuuccugcccu.....	4	0	H52
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.....ccuugucacuuuuccugcccuguA.....	2	1	H52
.....cuggacgggagaacugauaaA.....	1	1	H52
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.....uggacgggagaacugauUa.....	3	1	H52
.....uggaAaggagaacugauaa.....	1	1	H52
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.....uggacgggagaacugauaaC.....	2	1	H52
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Star

Mature

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.....uggacggagaacugauaagggUa.....	3	1	H52

Star

Mature

auuacagugaugcagacacacauacauaguugugcc <u>ccuugucacuuuuccugcccug</u> uguguuauacua <u>cuggacgggaaacugauaagggc</u> auaacuuguaauauuacgac			
.....uggacgggagaacugauaaUggca.....	2	1	H52
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.....uggacgggagaacugauaagggcUau.....	9	1	H52
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.....uggacgggagaacugauaagggcCu.....	4	1	H52
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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Mature

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Mature

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Star

Mature

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Star

Mature

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Mature

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Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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.....uggacgggagaacugauaagggcCu.....	10	1	H22
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.....uggacggGgaacugauaagggcau.....	1	1	H22
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Star

Mature

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.....uggacggagaacugauaagggUau.....	7	1	H22
.....uggacggagaacugauaagggcUu.....	157	1	H22
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.....uggacggagaacugauaagggcaC.....	1	1	H22
.....uggacggagaacugauaagggcauG.....	1	1	H22
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.....uggacggagaacugauaagggc <u>cauU</u>	22	1	H22
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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Mature

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Star

Mature

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Star

Mature

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Star

Mature

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.....ugUacgggagaacugauaag.....	15	1	H73
.....uggacgggagaacCgaauaag.....	1	1	H73
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.....uggacgggagaacugauaaa.....	282	1	H73
.....Cggacgggagaacugauaag.....	2	1	H73
.....Aggacgggagaacugauaag.....	1	1	H73
.....uAagacgggagaacugauaag.....	2	1	H73

Star

Mature

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.....uggacgUagaacugauaag.....	4	1	H73
.....uggacggagaGcugauaag.....	1	1	H73
.....uggGcggagaacugauaag.....	2	1	H73
.....uggacgggagaacuaAuaag.....	1	1	H73
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.....uggacgggagaacCgauaagg.....	1	1	H73
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.....uggacgggagaacugauaaCg.....	1	1	H73
.....uAagcgggagaacugauaagg.....	2	1	H73
.....uggacgggagaacugCuaagg.....	1	1	H73
.....uggaUggagaacugauaagg.....	1	1	H73
.....uggacgggagaacugauaagA.....	295	1	H73
.....uUgacgggagaacugauaagg.....	1	1	H73
.....uggacgggagaaGugauaagg.....	1	1	H73
.....uggaGggagaacugauaagg.....	4	1	H73
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.....uggacgggagaUcugauaagg.....	3	1	H73
.....uggacgggagaacugauaagg.....	2240	0	H73
.....uggacUgagaacugauaaggg.....	1	1	H73
.....ugCacgggagaacugauaaggg.....	2	1	H73
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Star

Mature

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.....uggaUggagaacuguaaagggcau.....	1	1	H73
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Star

Mature

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.....uggacggagaacugauaagggcaC.....	2	1	H73
.....ugCacggagaacugauaagggcau.....	1	1	H73
.....uggacgUagaacugauaagggcau.....	1	1	H73
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.....uggacggagaacugauaagggcauU.....	26	1	H73
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Star

Mature

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.....uggacggagaacugauGag.....	2	1	H54
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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Mature

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Star

Mature

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Star

Mature

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Star

Mature

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.....uggacgggagaacuguaaagggcauaaU.....	10	1	H53
.....uggacgggagaacuguaaagggcauaaAu.....	1	1	H53
.....ggacgggagaacuguaaag.....	3	0	H53
.....ggacgggagaacuguaaagggc.....	4	0	H53
.....ggacgggagaacuguaaagggA.....	2	1	H53
.....ggacgggagaacuguaaagggcU.....	1	1	H53
.....ggacgggagaacuguaaagggcauU.....	1	1	H53
.....gacgggagaacuguaaagggcCu.....	1	1	H53
.....Uggagaacuguaaagggc.....	1	1	H53
.....cggagaacuguaaagggc.....	2	0	H53
.....ccuugucacuuuuccugcccug.....	1	0	E03
.....ccuugucacuuuuccugccc.....	2	0	E03

Star

Mature

auuacagugaugcagacacacauacauaguugugcc <u>ccuugucacuuuuccugcccuguguguuauacuacuggacggagaacugauaagggc</u> auaacuuguaauuuacgac			
.....ccuugucacuuuuccugccc <u>u</u>	1	0	E03
.....ccuugucacuuuuccugccc <u>u</u>	9	0	E03
.....cuugucacuuuuccugccc <u>u</u>	1	0	E03
.....cuggacggagaacugaua <u>a</u>	1	0	E03
.....cuggacggagaacugaua <u>aggg</u>	1	0	E03
.....cuggacggagaacugaua <u>agggc</u>	3	0	E03
.....uggacggagaacugaua <u>a</u>	157	0	E03
.....uggacggagaacugaua <u>U</u>	2	1	E03
.....uggacggagaacugaua <u>G</u>	2	1	E03
.....uggacgCagaacugaua <u>aag</u>	1	1	E03
.....uggacUgagaacugaua <u>aag</u>	1	1	E03
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.....uggacggagaacugaua <u>aag</u>	735	0	E03
.....uCgacggagaacugaua <u>aag</u>	1	1	E03
.....uggacggagaacugau <u>Uag</u>	1	1	E03
.....uggacggaga <u>U</u> gaua <u>aag</u>	1	1	E03
.....uggaGggagaacugaua <u>aag</u>	1	1	E03
.....uggaAggagaacugaua <u>aag</u>	1	1	E03
.....uggaUggagaacugaua <u>aag</u>	2	1	E03
.....uggacggagaacugaua <u>aA</u>	7	1	E03
.....uggacggagaacug <u>U</u> ua <u>agg</u>	1	1	E03
.....uggacggagaacugaua <u>agg</u>	431	0	E03
.....ugCacggagaacugaua <u>agg</u>	3	1	E03
.....uggacggagaacugaua <u>aggA</u>	12	1	E03
.....uggacggagaacugaua <u>aggA</u>	1	1	E03
.....uggacggagaac <u>C</u> aua <u>agg</u>	1	1	E03
.....uggaAggagaacugaua <u>agg</u>	1	1	E03
.....uggacggagaacugaua <u>aggU</u>	1	1	E03
.....uUgacggagaacugaua <u>agg</u>	2	1	E03
.....ugAacggagaacugaua <u>agg</u>	1	1	E03
.....uggaUggagaacugaua <u>agg</u>	2	1	E03
.....uggacCgagaacugaua <u>agg</u>	1	1	E03
.....uggacggagaacugaua <u>aggC</u>	2	1	E03
.....uggacggagaacugaua <u>aggU</u>	2	1	E03
.....uggacggagaacugaua <u>aggC</u>	1	1	E03
.....uggacggagaacugaua <u>aggU</u>	4	1	E03
.....uggacggagaacugaua <u>aggUg</u>	1	1	E03
.....uggacgg <u>U</u> aacugaua <u>aggg</u>	1	1	E03
.....uggacggagaacCgaua <u>aggg</u>	1	1	E03
.....uggaGggagaacugaua <u>aggg</u>	1	1	E03
.....uggacggagaacugaua <u>aggA</u>	20	1	E03
.....uggacggagaac <u>U</u> ua <u>aggg</u>	1	1	E03
.....uggacggagaacugaua <u>aggg</u>	271	0	E03
.....uggacggagaacugaua <u>aggA</u>	1	1	E03
.....uggacggUgaacugaua <u>aggg</u>	1	1	E03
.....uggacggagaacugaua <u>agggc</u>	3986	0	E03
.....uggacggagaacugaua <u>aggcUggc</u>	8	1	E03
.....uggcCcggaacugaua <u>agggc</u>	1	1	E03
.....uggacggagaacugauUagggc.....	1	1	E03
.....uggacggUgaacugaua <u>agggc</u>	1	1	E03
.....uggacggagaacugaua <u>aggc</u>	4	1	E03
.....Aggacggagaacugaua <u>agggc</u>	1	1	E03
.....uggacgg <u>U</u> aacugaua <u>agggc</u>	1	1	E03
.....uggaAggagaacugaua <u>agggc</u>	10	1	E03
.....ugCacggagaacugaua <u>agggc</u>	2	1	E03
.....uggaUggagaacugaua <u>agggc</u>	5	1	E03
.....uggacggagaacugaua <u>aggcC</u>	3	1	E03
.....uggacggagaacugaua <u>aggCgc</u>	1	1	E03
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.....uggacggagaacugauGagggc.....	5	1	E03
.....uggacgUgaacugaua <u>agggc</u>	1	1	E03
.....uAgacggagaacugaua <u>agggc</u>	2	1	E03
.....uggacggagaac <u>C</u> ua <u>agggc</u>	1	1	E03
.....uggacggagaacugaGaagggc.....	1	1	E03
.....uggacggagaacugaua <u>aggUc</u>	4	1	E03
.....uggacggagaacugUua <u>agggc</u>	1	1	E03
.....ugAacggagaacugaua <u>agggc</u>	11	1	E03

Star

Mature

auuacagugaugcagacacacauacauaguuguccccuugucacuuuuccugcccuguguguuauacuaucuggacgggagaacugauaagggc

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.....uggaGggagaacugauaagggc.....	9	1	E03
.....uggacgggagaacugauaagggU.....	8	1	E03
.....uggacgggagaacugGuaagggc.....	1	1	E03
.....uggacgggagaacugaCaagggc.....	1	1	E03
.....uggacgggagaacugauaagggA.....	3	1	E03
.....uggacggGgaacugauaagggc.....	4	1	E03
.....ugUacggagaacugauaagggc.....	2	1	E03
.....uggacgggagaacugauaagggG.....	1	1	E03
.....uggacgggagaacugauaaAggc.....	1	1	E03
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.....uggacgggagaacugauaagggA.....	22	1	E03
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.....uggacUgagaacugauaagggc.....	1	1	E03
.....uggacgggagaacuUauaagggc.....	2	1	E03
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.....uggacgggagaacugauaaCggca.....	1	1	E03
.....uggacgggagaacugauaagggcC.....	14	1	E03
.....uggaGggagaacugauaagggca.....	1	1	E03
.....uggacgggagaacugauaagggcCu.....	3	1	E03
.....uggacgggagaacugauaagggcau.....	28	0	E03
.....uggacgggagaacugauaagggcaC.....	1	1	E03
.....uggacgggagaacugauaagggcUu.....	31	1	E03
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.....uggacgggagaacugauaagggcUua.....	1	1	E03
.....uggacgggagaacugauaagggcU.....	6	1	E03
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.....uggacgggagaacugauaagggcauaU.....	1	1	E03
.....ggacgggagaacugauaag.....	1	0	E03
.....ggacgggagaacugauaagggc.....	3	0	E03
.....gacgggagaacugauaagggc.....	3	0	E03
.....gacgggagaacugauaagggcU.....	1	1	E03
.....acgggagaacugauaagggc.....	1	0	E03
.....acgggagaacugauaagggcU.....	1	1	E03
.....gagaacugauaagggcUu.....	1	1	E03
.....ccuugucacuuuuccugcccug.....	5	0	H63
.....ccuugucacuuuuccugcccugu.....	15	0	H63
.....cuggacgggagaacugauaa.....	1	0	H63
.....cuggacgggagaacugauaagggc.....	5	0	H63
.....Guggacgggagaacugauaagggc.....	2	1	H63
.....cuggacgggagaacugauaagggcU.....	1	1	H63
.....uggaGggagaacugauaa.....	1	1	H63
.....uggacgggagaacugauaa.....	314	0	H63
.....uggacCgagaacugauaa.....	1	1	H63
.....uggacgggagaacugauaU.....	15	1	H63
.....uggacgggagaacuUauaa.....	1	1	H63
.....ugAacgggagaacugauaa.....	1	1	H63
.....uggacgUagaacugauaa.....	1	1	H63
.....uggacggaCaacugauaa.....	1	1	H63
.....uggacgggagaacugauaaA.....	80	1	H63
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.....uggacgggagaacugauGag.....	1	1	H63
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.....uggacgggagaacugauaUg.....	1	1	H63
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.....uUgacgggagaacugauaag.....	1	1	H63
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.....uggacgggagaacugGuaag.....	1	1	H63
.....uggacgggagaacugauaaU.....	4	1	H63
.....uggaGggagaacugauaag.....	5	1	H63
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.....uggacgggagaacugauaaC.....	1	1	H63
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.....uggacgggagaacugaCaag.....	2	1	H63
.....ugUacgggagaacugauaag.....	2	1	H63

Star

Mature

auuacagugaugcagacacacauacauaguugugccccuugucacuuuuccugcccuguguguuauacuacuggacgggagaacugauaagggcauaacuuguaauuuacgac

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.....uggacgggagaa	27	1	H63
.....uggacgggagaa	455	0	H63
.....uggaG	2	1	H63
.....ugCac	1	1	H63
.....ugAac	1	1	H63
.....uggacgggagaa	51	1	H63
.....uggacgggagaa	3	1	H63
.....uggacgggagaa	1	1	H63
.....uggUc	1	1	H63
.....uggacgggagaa	5	1	H63
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.....uggacgggagaa	2	1	H63
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.....uggacgggagaa	3	1	H63
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.....uggacgggagaa	3	1	H63
.....uUg	2	1	H63
.....uggaU	12	1	H63
.....uggacgggagaa	1	1	H63
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.....uggacgggC	1	1	H63
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.....uggacgggagaa	6	1	H63
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.....Aggac	1	1	H63
.....uggacgC	1	1	H63
.....uggacAg	2	1	H63
.....uggacgggagaa	1	1	H63
.....ugUac	5	1	H63
.....uggacgggG	3	1	H63
.....uggacgggagaa	23	1	H63
.....uggC	1	1	H63
.....ugAac	7	1	H63
.....uggacgggagaa	2	1	H63
.....uggacgggagaa	6	1	H63
.....uggG	1	1	H63
.....uggaG	9	1	H63
.....uggaA	10	1	H63
.....uggacgggagaa	1	1	H63
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.....Cggac	1	1	H63
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.....uggacgggagaa	165	0	H63
.....uggacgggagaa	296	1	H63
.....uggacgggagaa	1	1	H63
.....uggacgggagaa	1	1	H63
.....uggaA	3	1	H63
.....uggacgggagaa	6	1	H63

Star

Mature

auuacagugaugcagacacacauacauaguugucccuugucacuuuuccugcccuguguguuauacuaucuggacggagaacugauaagggcauaacuuguaauauuacgac			
.....uggacggagaacugauaagggAa.....	1	1	H63
.....uggacggagaacugauaagggcG.....	5	1	H63
.....uggacggagaacugauaagggcaC.....	1	1	H63
.....uggacggagaacugauaagggcAu.....	31	0	H63
.....uggacggagaacugauaagggUau.....	4	1	H63
.....uggacggagaacugauaagggcUu.....	42	1	H63
.....uggacggagaacugauaagggcCau.....	5	0	H63
.....uggacggagaacugauaagggcCauC.....	1	1	H63
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.....uggacggagaacugauaagggcCauU.....	3	1	H63
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.....uggacggagaacugauaagggcCauaaU.....	1	1	H63
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.....ggacggagaacugauaagggc.....	4	0	H63
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.....Ugacggagaacugauaagggc.....	2	1	H63
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.....ccuugucacuuuuccugcccU.....	1	0	B04
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.....uggacggagaacugauaG.....	1	1	B04
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.....uggacggagaacugauaaA.....	2	1	B04
.....ugUacggagaacugauaag.....	1	1	B04
.....uggacggagaacugauaag.....	106	0	B04
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.....ccuugucacuuuuccugcccugu.....	16	0	H43
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.....ccuugucacuuuuccugcccuguA.....	4	1	H43

Star

Mature

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.....Guggacggagaaacugauaag.....	2	1	H43
.....cuCgacggagaaacugauaag.....	1	1	H43
.....cuggacggagaaacugauaag.....	3	0	H43
.....cuggacggagaaacugauaagggc.....	4	0	H43
.....Guggacggagaaacugauaagggc.....	3	1	H43
.....Guggacggagaaacugauaagggca.....	1	1	H43
.....cuggacggagaaacugauaagggcU.....	1	1	H43
.....uggaUggagaaacugauaa.....	1	1	H43
.....uggaAaggagaaacugauaa.....	3	1	H43
.....uUgacggagaaacugauaa.....	2	1	H43
.....uggacggagaaacugGuaa.....	2	1	H43
.....uggacggagaaacugauaU.....	52	1	H43
.....uggacggagaaacugauUa.....	5	1	H43
.....uggacggagaaacugauaa.....	602	0	H43
.....uggacggagaaacugauGa.....	4	1	H43
.....ugAacggagaaacugauaa.....	2	1	H43
.....uggacggagaaacugauaa.....	1	1	H43
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.....uggacggagaaacugauaG.....	1	1	H43
.....ugCacggagaaacugauaa.....	2	1	H43
.....uggacggagaaacugauaGg.....	3	1	H43
.....uggacggagaaacuUauaag.....	1	1	H43
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Star

Mature

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.....uggacgggagaacugauaaggUc.....	4	1	H43
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Star

Mature

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.....uggacggagaacugauaagggcUua.....	17	1	H43
.....uggacggagaacugauaagggcGauU.....	26	1	H43
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.....uggacggagaacugauGagggcGaua.....	1	1	H43
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.....uggacggagaacugauaagggcUuaa.....	3	1	H43
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Star

Mature

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Star

Mature

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Star

Mature

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.....uggacgggagaaacugauaaggUc.....	2	1	H44
.....uggacgggagaaacugauaagggc.....	4028	0	H44
.....uggaUggagaaacugauaagggc.....	2	1	H44
.....uggacgggagaaacugauaGgggc.....	2	1	H44
.....uggacggUgaaacugauaagggc.....	1	1	H44

Star

Mature

auuacagugaugcagacacacauacauaguugugcccuugucacuuuuccugcccuguguguuauacuaucuggacgggagaacugauaagggcauaacuguaauauuacgac			
.....uggAacgggagaacugauaagggc.....	3	1	H44
.....uggacgggagaacugauCagggc.....	2	1	H44
.....uggacgggagaacugauaaCggc.....	3	1	H44
.....uggacgggagaacugauaagggU.....	50	1	H44
.....uggacggGgaacugauaagggc.....	1	1	H44
.....uggacUgagaacugauaagggc.....	1	1	H44
.....uggacgggagaacugauaagggAa.....	2	1	H44
.....uggacgggagaacugauaagggcC.....	15	1	H44
.....uggacgggagaacugauaagggcG.....	1	1	H44
.....uggaAggagaacugauaagggca.....	1	1	H44
.....uggacgggagaacugauaagggUa.....	4	1	H44
.....uggacgggagaacugauaagggUca.....	1	1	H44
.....uggacgggagaacugauaagggcU.....	414	1	H44
.....uggacgggagaacugauaagggca.....	331	0	H44
.....uggacgggagaacugauGagggca.....	1	1	H44
.....uggaUggagaacugauaagggca.....	1	1	H44
.....uggacgggagaacugauaagggcGau.....	115	0	H44
.....uggacgggagaacugauaagggcGu.....	3	1	H44
.....uAgacgggagaacugauaagggcGau.....	2	1	H44
.....uggacgggagaacugauaagggUau.....	13	1	H44
.....uggacgggagaacugauaagggcUu.....	88	1	H44
.....uggacgggagaacugauaagggcaA.....	3	1	H44
.....uggacgggagaacugauaagggcaC.....	12	1	H44
.....uggaAggagaacugauaagggcGau.....	1	1	H44
.....uggacgggagaacugauaagggAau.....	1	1	H44
.....uggacgggagaacugauaagggcaua.....	7	0	H44
.....uggacgggagaacugauaagggcaAa.....	4	1	H44
.....uggacgggagaacugauaagggcUua.....	25	1	H44
.....uggacgggagaacugauaagggcGauG.....	1	1	H44
.....uggacgggagaacugauaagggUaua.....	1	1	H44
.....uggacgggagaacugauaagggcGauU.....	15	1	H44
.....uggacgggagaacugauaagggcGauUa.....	1	1	H44
.....uggacgggagaacugauaagggcGauaa.....	1	0	H44
.....uggacgggagaacugauaagggcaAaa.....	1	1	H44
.....uggacgggagaacugauaagggcGauaU.....	11	1	H44
.....uggacgggagaacugauaagggcUuaa.....	3	1	H44
.....uggacgggagaacugauaagggcGauaaA.....	1	1	H44
.....uggacgggagaacugauaagggcGauaaU.....	2	1	H44
.....uggacgggagaacugauaagggcGauaaAu.....	1	1	H44
.....uggacgggagaacugauaagggcGauaacu.....	1	0	H44
.....ggacgggagaacugauaag.....	2	0	H44
.....ggacgggagaacugauaagg.....	1	0	H44
.....ggacgggagaacugauaaggA.....	1	1	H44
.....ggacgggagaacugauaagggc.....	2	0	H44
.....ggagaacugauaagggcU.....	1	1	H44