



Mature

5' -	-3'	obs	
		exp	
ccuuuaguggcggaucacgagggcacguuucguuuucugccacuuguaauuuucucca			
ccuuuaguggcggaucacgagggcacguuucguuuucugccacuuguaauuuucucca			
cgguucaucgauguaaagaaguacaagugguagggagggggguucaacaauucag			
.....((((.....))..((((..(((.(((((((((((((((((((.((((.....)).)).))))))))))))))))))))))))).)))))))).	reads	mm	sample
.....cugccacuuguaauuuuA.....	2	1	s13
.....cugccacuuguaauuuucuu.....	1	0	s13
.....cugccacuuguaauuuucua.....	1	1	s13
.....cugccacuuguaauuuucuuG.....	1	1	s13
.....cugccacuuguaauuuucuuA.....	1	1	s13
.....cugccacuuguaauuuucuuC.....	6	0	s13
.....cugccacuuguaauuuucuuCC.....	3	0	s13
.....cugccacuuguaauuuucuuCA.....	3	1	s13
.....cugccacuuguaauuuucuuCU.....	3	1	s13
.....cugccacuuguaauuuucuuCAa.....	1	1	s13
.....cugccacuuguaauuuucuuCCU.....	2	1	s13
.....GugccacuuguaauuuucuuCCA.....	1	1	s13
.....cugccacuuguaauuuucuuCCA.....	42	0	s13
.....cugccGcuuguaauuuucuuCCA.....	1	1	s13
.....cugccacuuguaauuuucuuCCcguucau.....	1	0	s13
.....ugccacuuguaauuuucuu.....	2	0	s13
.....ugccacuuguaauuuucuuU.....	2	1	s13
.....ugccacuuguaauuuucuuA.....	2	1	s13
.....ugccacuuguaauuuucuuCA.....	3	1	s13
.....ugccacuuguaauuuucuuCU.....	1	1	s13
.....ugccacuuguaauuuucuuCCA.....	5	0	s13
.....ugccacCuguaauuuucuuCCA.....	1	1	s13
.....ugccacuuguaauuuucuuCCcguucaC.....	2	1	s13
.....cguucaucgauguaaagaaguacaaguggua.....	2	0	s13
.....cguucaCcguaaagaaguacaaguggua.....	1	1	s13
.....gauguaaagaaguacaagugguagg.....	1	0	s13
.....auguaagUaguacaaguggu.....	1	1	s13
.....auguaaagaaguacaagugguagg.....	16	0	s13
.....auguaaagaaguacaagugguagA.....	2	1	s13
.....auguaaagaaguacGagugguagg.....	1	1	s13
.....auguaaagaaguacaagugguaggg.....	2	0	s13
.....uguaaagaaguacaaguggua.....	2	0	s13
.....uguaaagaaguacaagCgguagg.....	1	1	s13

Star

Mature

cccuuuuaguggcggauacacgaggcacgguuuucuuuucugccacuuguuuuuuuccacguucaucgauguaagaaguacaagugguagggaggggggugucaacaauucag

.....uguaagaaguacaagugguagg.....	5	0	s13
.....uguaagaaguacaagugguagA.....	3	1	s13
.....uguaagaaguacaagugguagU.....	2	1	s13
.....uguaagaaguacaagugguaggA.....	2	1	s13
.....Cuaagaaguacaagugguag.....	1	1	s13
.....Cuaagaaguacaagugguagg.....	2	1	s13
.....Cuaagaaguacaagugguaggg.....	5	1	s13
.....uaagaaguacaaguggAa.....	1	1	s13
.....uaagaaguacaaguggGa.....	4	1	s13
.....uaagaaguacaagugguC.....	1	1	s13
.....uaagGaguacaaguggua.....	1	1	s13
.....uGagaaguacaaguggua.....	1	1	s13
.....uaagaaguacaagAggua.....	1	1	s13
.....uaagaaCuacaaguggua.....	1	1	s13
.....uaagaaguacaaguggCa.....	1	1	s13
.....uaagaaguacaaguggua.....	142	0	s13
.....uaagaaguacaagugguaC.....	14	1	s13
.....uaagaGguacaagugguag.....	11	1	s13
.....uaagaaguacaUgugguag.....	2	1	s13
.....uaagaaguacaaguUguag.....	6	1	s13
.....uaagaaguGcaagugguag.....	16	1	s13
.....uaagaaguAaagugguag.....	5	1	s13
.....uaagaaUuacaagugguag.....	2	1	s13
.....uaagaaAuacaagugguag.....	2	1	s13
.....uaagaaguacaaAugguag.....	1	1	s13
.....uaagaaguacUagugguag.....	3	1	s13
.....uaagaaguacaagugAuag.....	8	1	s13
.....uaUgaaguacaagugguag.....	4	1	s13
.....uaagaaguacaaguggAag.....	10	1	s13
.....uaagaaguacaaguggGag.....	6	1	s13
.....uaagaaguacaagugCuag.....	2	1	s13
.....uaagaaguacaagGgguag.....	7	1	s13
.....uaagaaguacaagCgguag.....	11	1	s13
.....uaGgaaguacaagugguag.....	14	1	s13
.....uaagaaguacaagugUuag.....	2	1	s13
.....uaagaaguacaaUugguag.....	3	1	s13
.....uaagaaguacaagAgguag.....	10	1	s13
.....uaCgaaguacaagugguag.....	1	1	s13
.....uaagaaguCcaagugguag.....	1	1	s13
.....uaagaaguacaaguggCag.....	6	1	s13
.....uaagaagAacaagugguag.....	7	1	s13
.....uaagaaguacaagugguag.....	3945	0	s13
.....Gaagaaguacaagugguag.....	8	1	s13
.....uaagaaguacGagugguag.....	14	1	s13
.....uaagaaguacaagugguCg.....	2	1	s13
.....uaagaaguacaagugguGg.....	22	1	s13
.....uaagGaguacaagugguag.....	15	1	s13
.....uaagaCguacaagugguag.....	1	1	s13
.....uaagCaguacaagugguag.....	3	1	s13
.....uaagaagCacaagugguag.....	7	1	s13
.....uaagaaguacaagugguaA.....	191	1	s13
.....uaagaaCuacaagugguag.....	1	1	s13
.....uaagaaguauaagugguag.....	6	1	s13
.....uGagaaguacaagugguag.....	6	1	s13
.....uaagaaguacaGgugguag.....	13	1	s13
.....uaagaaguacaagugguaU.....	28	1	s13
.....uaagaaguacaagugAuag.....	1	1	s13
.....uaagaaguacCagugguag.....	6	1	s13
.....uaagaagGacaagugguag.....	5	1	s13
.....uaaUaaguacaagugguag.....	1	1	s13
.....uaagaaguacaaguUguagg.....	2	1	s13
.....uGagaaguacaagugguagg.....	5	1	s13
.....uaagGaguacaagugguagg.....	9	1	s13
.....uaGgaaguacaagugguagg.....	4	1	s13
.....uaagaaguacaagugguagA.....	293	1	s13
.....uaagaaguacaagugguUgg.....	2	1	s13
.....uaagaaguacaGgugguagg.....	15	1	s13
.....uaagaCguacaagugguagg.....	1	1	s13
.....uaagaUguacaagugguagg.....	1	1	s13
.....Caagaaguacaagugguagg.....	16	1	s13

Star

Mature

cccuuuuaguggcggauacacgaggcacguuucguuuucugccacuuguuuuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag

.....uaagaaguacaagCgguagg.....	2	1	s13
.....uaagaaAuacaagugguagg.....	2	1	s13
.....uaagCaguacaagugguagg.....	1	1	s13
.....uaagaaguacaagUaguagg.....	3	1	s13
.....uaagaaguacaaCugguagg.....	1	1	s13
.....uaagaagGacaagugguagg.....	4	1	s13
.....Gaagaaguacaagugguagg.....	2	1	s13
.....uaagaaguacaagugUuagg.....	1	1	s13
.....uaagaaguacaagugguagg.....	2533	0	s13
.....uaagaaguGcaagugguagg.....	1	1	s13
.....uaagaaguacaaAugguagg.....	2	1	s13
.....uaagaaguacaUgugguagg.....	1	1	s13
.....uaagaaguacUagugguagg.....	3	1	s13
.....uaagaaguaUaagugguagg.....	4	1	s13
.....uaCgaaguacaagugguagg.....	2	1	s13
.....uaagaaguacCagugguagg.....	1	1	s13
.....uUagaaguacaagugguagg.....	2	1	s13
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.....uaagaGguacaagugguagg.....	8	1	s13
.....uaagaaguacaaUugguagg.....	1	1	s13
.....uaagaaguacaagugAuagg.....	3	1	s13
.....uaagUaguacaagugguagg.....	3	1	s13
.....uaagaaguacaagugguGgg.....	3	1	s13
.....uaagaaguacaagugCuagg.....	1	1	s13
.....uaagaaguacaaguggAagg.....	2	1	s13
.....uaagaaguacaagAgguagg.....	6	1	s13
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.....uaagaaguacaagGgguagg.....	4	1	s13
.....uaagaagCacaagugguagg.....	6	1	s13
.....uaUgaaguacaagugguagg.....	2	1	s13
.....uaagaaguacGagugguagg.....	8	1	s13
.....uaagaaguacaagugguaAag.....	1	1	s13
.....uaagaaguacaaguggCagg.....	3	1	s13
.....uaagaaUuacaagugguagg.....	1	1	s13
.....uaagaagAacaagugguagg.....	2	1	s13
.....uaagaaguacaagugguagU.....	95	1	s13
.....uaagaaguacaagugguaCg.....	1	1	s13
.....uaagaaguacaaguggGagg.....	4	1	s13
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.....uaagaaguacaagugguaUg.....	3	1	s13
.....uaagaaUuacaagugguaggg.....	2	1	s13
.....Gaagaaguacaagugguaggg.....	10	1	s13
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.....uaagaGguacaagugguaggg.....	11	1	s13
.....Caagaaguacaagugguaggg.....	18	1	s13
.....uaagaaguacaUgugguaggg.....	1	1	s13
.....uaagCaguacaagugguaggg.....	2	1	s13
.....uaUgaaguacaagugguaggg.....	2	1	s13
.....uaagaaguacaagugguUggg.....	3	1	s13
.....uaagaaguacaagAgguaggg.....	8	1	s13
.....Aaagaaguacaagugguaggg.....	17	1	s13
.....uaagaaguacaagugguagUg.....	3	1	s13
.....uaagaaguacaagugCuaggg.....	2	1	s13
.....uaagaaguacaagGgguaggg.....	6	1	s13
.....uaagaaguacCagugguaggg.....	3	1	s13
.....uaagaaguacaagugguaggC.....	37	1	s13
.....uGagaaguacaagugguaggg.....	6	1	s13
.....uaagaaguacaaAugguaggg.....	1	1	s13
.....uaagaaguacaagCgguaggg.....	8	1	s13
.....uaagaaguacaCgugguaggg.....	2	1	s13
.....uaagaaguacaagugguaggU.....	188	1	s13
.....uaagaaguacaagugguaAagg.....	7	1	s13
.....uaGgaaguacaagugguaggg.....	5	1	s13
.....uaagaaguGcaagugguaggg.....	8	1	s13
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.....uaagaaguacaagugguaggg.....	3970	0	s13
.....uaagaaguacUagugguaggg.....	3	1	s13
.....uaagaaguacaaguUguaggg.....	7	1	s13
.....uaagGaguacaagugguaggg.....	9	1	s13
.....uaagaaguCcaagugguaggg.....	4	1	s13

Star

Mature

ccuuuuaguggcggauacacgaggcacgguuuucguuuucugccacuuguauuuuuccacguucaucgauguaagaaguacaagugguagggaggggggugucaacaauucag

.....uCaagaaguacaagugguaggg.....	1	1	s13
.....uaagaaguacaaguggGaggg.....	9	1	s13
.....uaagaaguacaagugguagAg.....	16	1	s13
.....uaagaaguacaagugAuaggg.....	6	1	s13
.....uaagaaguacaaguAguaggg.....	4	1	s13
.....uaagaaCuacaagugguaggg.....	1	1	s13
.....uaagaagGacaagugguaggg.....	2	1	s13
.....uaagaaAuacaagugguaggg.....	1	1	s13
.....uaagaaguacaaguggAaggg.....	6	1	s13
.....uaagaaguacaagugUuaggg.....	6	1	s13
.....uaagaaguacGagugguaggg.....	14	1	s13
.....uaagaaguacaagugguCGgg.....	2	1	s13
.....uaaUaaguacaagugguaggg.....	1	1	s13
.....uaagaaguacaagugguagggA.....	589	1	s13
.....uaagaaguacaagugguaUgg.....	3	1	s13
.....uaagaaguauAaagugguaggg.....	1	1	s13
.....uaCgaaguacaagugguaggg.....	8	1	s13
.....uaagaaguacaaguggCaggg.....	8	1	s13
.....uaagaaguacaagugguGggg.....	11	1	s13
.....uaagaagAacaagugguaggg.....	5	1	s13
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.....uaagaaguacaaUugguaggg.....	4	1	s13
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.....uaagaaguacaagugguagggU.....	29	1	s13
.....uaagaaguacaagugguUgggA.....	1	1	s13
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.....uaGgaaguacaagugguagggA.....	1	1	s13
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.....uaagaaguacaagugguagggG.....	1	1	s13
.....uaagaaguauAaagugguagggA.....	1	1	s13
.....uaagaaguacaagugguagggAU.....	1	1	s13
.....aagaaguacaagugguGg.....	1	1	s13
.....aagaaguacaagugguag.....	18	0	s13
.....aagGaguacaagugguag.....	1	1	s13
.....aagaaguacGagugguaggg.....	1	1	s13
.....aagaaguacaagugguaggg.....	16	0	s13
.....aagaaguacaaguggGaggg.....	1	1	s13
.....aagaaguacaagugguaggg.....	15	0	s13
.....aagaGguacaagugguaggg.....	1	1	s13
.....aaCaaguacaagugguaggg.....	1	1	s13
.....aagaaguacaagugguagggA.....	4	1	s13
.....aagaaguacaagugguagggUag.....	1	1	s13
.....agaaguacaagugguaggg.....	10	0	s13
.....agaaguacaagugguagggC.....	2	1	s13
.....agaaguacaagugguagggA.....	2	1	s13
.....agaaguacaagugguaggg.....	9	0	s13
.....cugccacuuguauuuuucA.....	1	1	s12
.....cugccacuuguauuuuucu.....	5	0	s12
.....cugccacuuguauuuuucuu.....	23	0	s12
.....cugccacuuguauuuuucuC.....	3	1	s12
.....cugccacuuguauuuuucUG.....	2	1	s12
.....cugccacuuguauuuuucGu.....	1	1	s12
.....cugccacuuguauuuuucuuU.....	6	1	s12
.....cugccacuuguauuuuucuuA.....	1	1	s12
.....cugccacuuguauuuuucuuC.....	14	0	s12
.....cugccacuuguauuuuucuuC.....	1	1	s12
.....cugccacuuguauuuuucuuC.....	3	1	s12
.....cugccacuuguauuuuucuuCA.....	6	1	s12
.....cugccacuuguauuuuucuuCG.....	1	1	s12
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.....cugccacuuguauuuuucuuCCU.....	7	1	s12
.....cugccacuuguauuuuucuuCCG.....	2	1	s12
.....cugccacuuguauuuuucuuCCC.....	7	1	s12
.....cugccAAuuguauuuuucuucca.....	1	1	s12

Star

Mature

ccuuuagugcggaucacacgaggcacguuucguuu	cugccacuuguauuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag			
.....cugccacuuguauGuuucucca.....	.....cugccacuuaAuauuuuucca.....	1	1	s12
.....cugccacuuaAuauuuuucca.....	.....cugccacuuaAuauuuuucca.....	1	1	s12
.....cugccacuuguauuuuucca.....	.....cugccacuuguauuuuucca.....	1	1	s12
.....cugccacuuguauuuuucca.....	.....cugccacuuguauuuuucca.....	86	0	s12
.....ugccacuuguauuuuuccu.....	.....ugccacuuguauuuuuccu.....	3	0	s12
.....ugccacuuguauuuuuccu.....ugccacuuguauuuuuccu.....	1	1	s12
.....ugccacuuguauuuuuccuA.....ugccacuuguauuuuuccuA.....	5	1	s12
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.....ugccacuuguauuuuuccuU.....ugccacuuguauuuuuccuU.....	4	1	s12
.....ugccacuuguauuuuuccuA.....ugccacuuguauuuuuccuA.....	7	1	s12
.....ugccacuuguauuuuuccuCC.....ugccacuuguauuuuuccuCC.....	1	1	s12
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.....ugccacuuguauuuuuccuuccG.....ugccacuuguauuuuuccuuccG.....	1	1	s12
.....ugccacuuguauuuuuccuuccacA.....ugccacuuguauuuuuccuuccacA.....	1	1	s12
.....cguucaucgauguaagaaguacaaguggua.....	.....cguucaucgauguaagaaguacaaguggua.....	2	0	s12
.....augaagaaguacaagugA.....	.....augaagaaguacaagugA.....	2	1	s12
.....augaagaaguacaaguggu.....	.....augaagaaguacaaguggu.....	1	1	s12
.....augaagaaguacaaguggC.....	.....augaagaaguacaaguggC.....	1	1	s12
.....augaagaaguacaaguggu.....	.....augaagaaguacaaguggu.....	7	0	s12
.....augaagaaguacaaguggua.....	.....augaagaaguacaaguggua.....	1	0	s12
.....augaagaaguacaagugguag.....	.....augaagaaguacaagugguag.....	2	0	s12
.....augaagaaguacaagugguagg.....augaagaaguacaagugguagg.....	7	0	s12
.....augaagaaguacaagugguagA.....augaagaaguacaagugguagA.....	3	1	s12
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.....uguaagaaguacaagugguaU.....uguaagaaguacaagugguaU.....	1	1	s12
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.....Cuaagaaguacaagugguagg.....Cuaagaaguacaagugguagg.....	3	1	s12
.....Cuaagaaguacaagugguaggg.....Cuaagaaguacaagugguaggg.....	4	1	s12
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.....uaagaGguacaaguggua.....uaagaGguacaaguggua.....	1	1	s12
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.....uaagaaguacaaguggCa.....uaagaaguacaaguggCa.....	1	1	s12
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.....uaagaaguacaagGgguag.....uaagaaguacaagGgguag.....	2	1	s12
.....uaagaaguacaagugguag.....uaagaaguacaagugguag.....	1670	0	s12
.....uaagaaguacaaguggGag.....	.....uaagaaguacaaguggGag.....	7	1	s12
.....uaagaaguAaagugguag.....	.....uaagaaguAaagugguag.....	2	1	s12
.....uaagaagCacaagugguag.....uaagaagCacaagugguag.....	4	1	s12
.....uaagaaguacaagugguaU.....uaagaaguacaagugguaU.....	35	1	s12
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.....uGagaaguacaagugguag.....uGagaaguacaagugguag.....	3	1	s12
.....uaagaaguacaaguUguag.....uaagaaguacaaguUguag.....	1	1	s12
.....uaaUaaguacaagugguag.....uaaUaaguacaagugguag.....	1	1	s12
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.....uaagaaguacGagugguag.....uaagaaguacGagugguag.....	13	1	s12
.....uaagaaAuacaagugguag.....uaagaaAuacaagugguag.....	1	1	s12
.....uaagaaguacaagAgguag.....	.....uaagaaguacaagAgguag.....	5	1	s12
.....uaagaaguacaagugguaC.....	.....uaagaaguacaagugguaC.....	9	1	s12
.....Gaagaaguacaagugguag.....	.....Gaagaaguacaagugguag.....	3	1	s12
.....uaaAaaguacaagugguag.....	.....uaaAaaguacaagugguag.....	3	1	s12
.....uaagaaguuaUaagugguag.....	.....uaagaaguuaUaagugguag.....	1	1	s12
.....uaagaagGacaagugguag.....	.....uaagaagGacaagugguag.....	3	1	s12
.....uaagaaguacaaCugguag.....	.....uaagaaguacaaCugguag.....	1	1	s12
.....uaagaaguacaGgugguag.....	.....uaagaaguacaGgugguag.....	3	1	s12
.....uaGgaaguacaagugguag.....	.....uaGgaaguacaagugguag.....	5	1	s12
.....uaagaaguacaaguggCag.....	.....uaagaaguacaaguggCag.....	8	1	s12
.....uaagaagAacaagugguag.....	.....uaagaagAacaagugguag.....	1	1	s12
.....uaagaaguacaagugguGg.....	.....uaagaaguacaagugguGg.....	16	1	s12
.....uaagaGguacaagugguag.....	.....uaagaGguacaagugguag.....	4	1	s12
.....uaagaaguacaagugCuag.....	.....uaagaaguacaagugCuag.....	1	1	s12
.....uaagGaguacaagugguag.....	.....uaagGaguacaagugguag.....	6	1	s12
.....uaagaaguacaagCgguag.....	.....uaagaaguacaagCgguag.....	10	1	s12

Star

Mature

cccuuuuaguggcggaucacacgaggcacguuuucguuuucgcccacuuuguuuuuuuccacguucaucgauguaagaagguacaagugguagggagggggugucaacaauucag

.....uaagaaguGcaagugguag.....	3	1	s12
.....uaagUaguacaagugguag.....	1	1	s12
.....uaUgaaguacaagugguag.....	2	1	s12
.....uaagaaguacUagugguag.....	1	1	s12
.....uaagaaguacaagugguaA.....	133	1	s12
.....uaagaCGuacaagugguag.....	1	1	s12
.....uaagaaguacaaguAguag.....	2	1	s12
.....uaagaaguacaagugguCG.....	1	1	s12
.....uaagaaguacaagugguAag.....	3	1	s12
.....uaagaaguacaagGgguagg.....	1	1	s12
.....uaagaagCacaagugguagg.....	2	1	s12
.....uaagaaguacaaguAguagg.....	2	1	s12
.....uaagaaAuacaagugguagg.....	1	1	s12
.....uaagGaguacaagugguagg.....	1	1	s12
.....uaagaaguacaagugguGgg.....	2	1	s12
.....uaGgaaguacaagugguagg.....	1	1	s12
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.....uaagaGguacaagugguagg.....	3	1	s12
.....uaagaaguacaagugguaAg.....	1	1	s12
.....uaagaaguacaagCgguagg.....	3	1	s12
.....uaagaaguagaagugguagg.....	1	1	s12
.....uaagaaguacaagugguaCG.....	1	1	s12
.....uaagaaCuacaagugguagg.....	1	1	s12
.....uaagaaguacaagugUuagg.....	1	1	s12
.....uGagaaguacaagugguagg.....	4	1	s12
.....Gaagaaguacaagugguagg.....	2	1	s12
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.....uaagaaguacaagugguaUg.....	1	1	s12
.....uaagaaguacaagugguagU.....	47	1	s12
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.....uaagaaguacaagugguaA.....	70	1	s12
.....uaagaaguacaagAgguagg.....	1	1	s12
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Star

Mature

ccuuuuaguggcggaucacacgagggcacguuuucguuu

Star

Mature

cccuuuuaguggcggauacacgaggcacguuucuuuucugccacuuguauuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag			
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Star

Mature

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.cugccacuuguauuuuucUcU.....	1	1	s19
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.cugccacuuguauuuCcuucca.....	1	1	s19
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.cugccacuuguauuucUcuucca.....	3	1	s19
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.cugccacuuguauuuuucUccacguucauc.....	1	0	s19
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.uaagaagGacaagugguag.....	1	1	s19
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.Gaagaaguacaagugguag.....	2	1	s19
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Star

Mature

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.....uaagaaguGcaagugguag.....	1	1	s19
.....uaagaaguaUaagugguag.....	1	1	s19
.....uaagaaguacaagUAgua.....	1	1	s19
.....uaagaaguacUagugguag.....	2	1	s19
.....uaagaaguacaagugCuag.....	1	1	s19
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.....uaagaaguacaagCgguagg.....	2	1	s19
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.....uaagaaguacaagugguagggU.....	69	1	s19
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Star

Mature

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.....uaagaagCacaagugguagggg.....	3	1	s19
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.....uaagaaguacaagugguagggC.....	5	1	s19
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Star

Mature

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.....uaagaagAacaagugguagg.....	3	1	s10
.....uaagaaguGcaagugguagg.....	3	1	s10
.....uaagaGguacaagugguagg.....	1	1	s10
.....uaagUaguacaagugguaggg.....	1	1	s10
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.....uaagaaguCcaagugguaggg.....	1	1	s10
.....uaagaaguacaagugguagUg.....	10	1	s10
.....uaagaagGacaagugguaggg.....	5	1	s10
.....uaagaaguacaagugUuaggg.....	2	1	s10
.....uaagGaguacaagugguaggg.....	13	1	s10
.....uaagaaguacaagugguGggg.....	18	1	s10
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Star

Mature

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.....uaagaaguacaAugguaggg.....	3	1	s10
.....uaagaaguacaagugAaggg.....	2	1	s10
.....uaagaagCacaagugguaggg.....	5	1	s10
.....uaagaaguacaagugguagggA.....	534	1	s10
.....uaagaaguacaaguggCaggg.....	8	1	s10
.....uaagaaguacaagugguaggg.....	3661	0	s10
.....uaagaaguacaagugguagggU.....	359	1	s10
.....uaagaaguacaGugguaggg.....	16	1	s10
.....uaagaaguacaagAgguaggg.....	7	1	s10
.....uaagaaguacCagugguaggg.....	1	1	s10
.....uGagaaguacaagugguaggg.....	9	1	s10
.....uaagaaguacaagugguagggC.....	74	1	s10
.....uaagaaguacaagugguagAg.....	14	1	s10
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.....uaagaGguacaagugguaggg.....	8	1	s10
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.....uaCgaaguacaagugguaggg.....	4	1	s10
.....Gaagaaguacaagugguaggg.....	5	1	s10
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.....Caagaaguacaagugguaggg.....	13	1	s10
.....uaagaaguacUagugguaggg.....	4	1	s10
.....uaagaaguacaagugguaAagg.....	3	1	s10
.....uaagaaguacaaguCguaggg.....	1	1	s10
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.....uaagaaguacaagGgguaggg.....	7	1	s10
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.....aagaaguacaagugguag.....	6	0	s10
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.....cugccacuuguauuuuucucc.....	1	0	s17
.....cugccacuuguauuuuucucG.....	1	1	s17
.....cuCccacuuguauuuuucucc.....	3	1	s17
.....cugccacuuguauuuuucucA.....	1	1	s17
.....cugccacuuguauuuuucuccG.....	1	1	s17
.....cugccacuuguauuuuucuccU.....	1	1	s17
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Star

Mature

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.....auguaagaaguacaagugguagA.....	1	1	s17
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.....uguaagaaguacaagugguaggU.....	1	1	s17
.....Cuaagaaguacaagugguag.....	3	1	s17
.....uaagaaguacaaguggua.....	29	0	s17
.....uaagaaguaUaaguggua.....	1	1	s17
.....uaagaGguacaaguggua.....	1	1	s17
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.....uaagaaguacaaUugguag.....	1	1	s17
.....uaagaaguacaaguCguag.....	1	1	s17
.....uaagaaguacaagugguaU.....	12	1	s17
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.....uaagaaguacGagugguagg.....	3	1	s17
.....uaagaaguacaagugguUgg.....	3	1	s17
.....uaagaaguacaaguggGagg.....	1	1	s17
.....Caagaaguacaagugguagg.....	1	1	s17
.....uaagaaguacaaguggCagg.....	1	1	s17
.....uaagaaguacaagugguaAg.....	2	1	s17
.....uaagaGguacaagugguagg.....	3	1	s17
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.....uaagaaguacaagugAaggg.....	1	1	s17

Star

Mature

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.....uaagaaguaAaagugguaggg.....	2	1	s17
.....uGagaaguacaagugguaggg.....	3	1	s17
.....uaagaaguacaacugugguaggg.....	1	1	s17
.....uaagaaguacaagugCuaggg.....	3	1	s17
.....uaagaaguacaaguggAaggg.....	4	1	s17
.....uaagaaguacaagCggugaggg.....	7	1	s17
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.....uaagaaguacaagugguGggg.....	7	1	s17
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.....uaagaaguacaagugguUggg.....	7	1	s17
.....uaagaaAuacaagugguaggg.....	6	1	s17
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.....uaagaaguacaagugguagggC.....	9	1	s17
.....uaaAaaguacaagugguagggA.....	1	1	s17
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.....cugccacuuguauuuuucuuC.....	3	0	s01
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Star

Mature

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Star

Mature

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.....uaagaaguacaagugguGggg.....	2	1	s01
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.....uaagaaguacaagugguagggU.....	45	1	s01
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.....uaagaaguacaaguggGag.....	1	1	s11
.....uaagaaguacaaguggCag.....	6	1	s11
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.....uaagaaguacaagugguagU.....	7	1	s11
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Star

Mature

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.....uaagaaguacaagugguaAgg.....	2	1	s11
.....uaCgaaguacaagugguaggg.....	1	1	s11
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.....uaGgaaguacaagugguaggg.....	1	1	s11
.....uaagaaguacaagugguGggg.....	1	1	s11
.....uaagaaguacGagugguaggg.....	1	1	s11
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.....uaagaaguacaagCgguaggg.....	2	1	s11
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.....uaagaaguacaagugguagggC.....	4	1	s11
.....uaagaaguacaagAgguaggg.....	1	1	s11
.....uaagaaguacaagugguagggU.....	19	1	s11
.....uaagaaguacaagugguagAg.....	3	1	s11
.....uaagaaguauAagugguaggg.....	1	1	s11
.....uaagaGguacaagugguagggA.....	1	1	s11
.....uaagaaguacaagugguagggG.....	3	1	s11
.....uaagaaguacaagugguagggU.....	8	1	s11
.....uaagaaguacaagugguagggC.....	1	1	s11
.....uaagaaguacaagugguagggA.....	3	0	s11
.....aagaaguacaagugguag.....	3	0	s11
.....aagaaguacaagugguaggg.....	1	0	s11
.....ucugccacuuguauuuuucu.....	1	0	s02
.....cugccacuuguauuuuAu.....	2	1	s02
.....cugccacuuguauuuuucA.....	11	1	s02
.....cugccacuuguauuuuucu.....	35	0	s02
.....cugccacuuguauuuuucC.....	7	1	s02
.....cugccacuuguauuuuucuu.....	53	0	s02
.....cugccacuuguauuuuucA.....	6	1	s02
.....cCgccacuuguauuuuucuu.....	1	1	s02
.....cugccacuuguauuuuucuuC.....	74	0	s02
.....cugccacuuguauuuuCcuuc.....	3	1	s02
.....cugccacuuguaCuuuucuuC.....	1	1	s02
.....cugccacuuguauuuuucuuA.....	13	1	s02
.....cugccacuugCauuuuucuuC.....	1	1	s02
.....cugccacuuguauuuuucuuU.....	9	1	s02
.....cugccacuuguauuuuucuuG.....	3	1	s02
.....cugccacuuguauuuuAuuc.....	1	1	s02
.....cugccaUuuguauuuuucuuCC.....	1	1	s02
.....cugccacuuguauuuuucuuCC.....	77	0	s02
.....cugccacuuguauuuuucuuCA.....	185	1	s02
.....cugccacuuguauuuuucuuCU.....	34	1	s02
.....cuUccacuuguauuuuucuuCC.....	1	1	s02
.....cugccacuuguauuuuucuuCG.....	6	1	s02
.....cugccacuugCauuuuucuuCC.....	1	1	s02
.....UugccacuuguauuuuucuuCCA.....	1	1	s02
.....cugccaGuuguauuuuucuuCCA.....	4	1	s02
.....cugccacuuguauuuuucuuCGa.....	2	1	s02
.....cugccacuuguaCuuuucuuCCA.....	4	1	s02
.....cugccacuugUuuuuucuuCCA.....	1	1	s02
.....cCgccacuuguauuuuucuuCCA.....	1	1	s02
.....cugccacuuguauuuuucuuCCA.....	1	1	s02
.....cugccacuCguauuuuucuuCCA.....	1	1	s02
.....cugccacGuguauuuuucuuCCA.....	1	1	s02
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.....cugccacuuguauuuuucuuCCU.....	19	1	s02
.....GugccacuuguauuuuucuuCCA.....	1	1	s02
.....cugccacuuguauuuuucuuCUa.....	6	1	s02

Star

Mature

ccuuuagugcggaucacgaggcacguuucguuucugccacuuguaauuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag			
.....cugccacuuguaGuuucuucca.....	1	1	s02
.....cugccacCuguaauuuuucca.....	2	1	s02
.....Augccacuuguaauuuuucca.....	2	1	s02
.....cugccacuuguaauuuCuucca.....	1	1	s02
.....cugccacuuguaauuuuucca.....	329	0	s02
.....cugccacuuguaauuuuuccacguucauc.....	4	0	s02
.....ugccacuuguaauuAuuu.....	1	1	s02
.....ugccacuuguaauuuuuC.....	7	1	s02
.....ugccacAuguaauuuuuu.....	1	1	s02
.....ugccacuCguaauuuuuu.....	1	1	s02
.....ugccacuuguaauuuuuu.....	32	0	s02
.....ugccacuuguaauuuuuAc.....	1	1	s02
.....ugccacuuguaauuuuuuU.....	10	1	s02
.....ugccacuuguaauuuuuuA.....	26	1	s02
.....ugccacGuguaauuuuuu.....	1	1	s02
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.....ugccacuuguaauuuuuuuc.....	39	0	s02
.....ugccGcuuguaauuuuuuucc.....	2	1	s02
.....ugccaUuuguaauuuuuucc.....	1	1	s02
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.....ugccacuuguaauuuuuuuccU.....	35	1	s02
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.....ugccacuuguaauuuuuucca.....	118	0	s02
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.....ugccacuuguaauuuuuuccaU.....	2	1	s02
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.....ugccacuuguaauuuuuuccacgu.....	2	0	s02
.....ugccacuuguaauuuuuuccacguucau.....	1	0	s02
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.....uucaucgauguaagaaguacaagugguagg.....	7	0	s02
.....auguaagaaguacaaguggu.....	9	0	s02
.....auguaagaaguacaaguggC.....	1	1	s02
.....auguaGgaaguacaaguggu.....	1	1	s02
.....auguaagaaguacaaguggua.....	1	0	s02
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.....auguaagaaguacaagugguaggU.....	1	1	s02
.....uguaagaaguacaaguggC.....	1	1	s02
.....uguaagaaguacaaguggu.....	5	0	s02
.....uguaagaaguacaaguAgu.....	2	1	s02
.....uguaagUaguacaaguggua.....	1	1	s02
.....uguaagaaguacaaguggua.....	1	0	s02
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.....uCuaagaaguacaagugguag.....	1	1	s02
.....uguaagaaguacaagugguagg.....	20	0	s02
.....uguaagaaguacaagugguaggg.....	1	0	s02
.....uguaagaaguacaagugguaggA.....	2	1	s02
.....guaagaaguacaagugguag.....	1	0	s02
.....Cuaagaaguacaagugguag.....	7	1	s02
.....guaagaaguacaagugguagg.....	1	0	s02

Star

Mature

ccuuuuaguggcggauacacgaggcacgguuuucugccacuuguauuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag

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.....Cuaagaaguacaagugguaggg.....	2	1	s02
.....uaagaaguacaagAggua.....	1	1	s02
.....uaagaaguacaaguggGa.....	7	1	s02
.....Gaagaaguacaaguggua.....	3	1	s02
.....uaagaaguacaagugguG.....	12	1	s02
.....uaagaaguacaagCggua.....	1	1	s02
.....uaagaGguacaaguggua.....	3	1	s02
.....uaagaaguacaaguggAa.....	1	1	s02
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.....uaagaaguacaagugguaU.....	65	1	s02
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.....uaagaaguacaagugguG.....	25	1	s02
.....uaagaaguacaagugguaA.....	411	1	s02
.....uaagaaguacaagugUuag.....	4	1	s02
.....uaagaaguagaagugguag.....	3	1	s02
.....uaagaUguacaagugguag.....	2	1	s02
.....uaCgaaguacaagugguag.....	5	1	s02
.....uaGgaaguacaagugguag.....	11	1	s02
.....uaUgaaguacaagugguag.....	6	1	s02
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.....uaagUaguacaagugguag.....	7	1	s02
.....uaagaaAuacaagugguag.....	7	1	s02
.....uaagaaUuacaagugguag.....	4	1	s02
.....uaagaaguacaGgugguag.....	22	1	s02
.....uaagaaguacaaguggCag.....	20	1	s02
.....uaagaaguacaagugguag.....	5419	0	s02
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.....uaagaaguGcaagugguag.....	9	1	s02
.....uaagaaguacaagCggua.....	24	1	s02
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.....uaagaaguacaagugCuag.....	5	1	s02
.....Gaagaaguacaagugguag.....	8	1	s02
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.....uaagaaguuaUaagugguag.....	1	1	s02
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.....uaagaaguacaagugguCG.....	3	1	s02
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.....uaagaaguacaaCugguag.....	1	1	s02
.....uaagaaguacaagGggua.....	5	1	s02
.....uaagaCguacaagugguag.....	1	1	s02
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Star

Mature

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.....uaagaGguacaagugguagg.....	2	1	s02
.....Gaagaagguacaagugguaggg.....	5	1	s02
.....uaagaagCacaagugguaggg.....	1	1	s02
.....uaagaagguacaaUugguagg.....	1	1	s02
.....uaagaagguGcaagugguaggg.....	4	1	s02
.....uaagaaAuacaagugguaggg.....	1	1	s02
.....uaGgaagguacaagugguaggg.....	2	1	s02
.....uaagaagguacaagugAguagg.....	3	1	s02
.....uaagaagguacaagugUuagg.....	1	1	s02
.....Caagaagguacaagugguaggg.....	2	1	s02
.....uaagaagguacaagugguGgg.....	3	1	s02
.....uaagaagguacaagugCuagg.....	1	1	s02
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.....uaagaagguacUagugguaggg.....	1	1	s02
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.....uaagGagguacaagugguaggg.....	4	1	s02
.....uaagaagguacaagugguaAag.....	5	1	s02
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.....uaagaagguacaagugguaAag.....	12	1	s02
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.....uaGgaagguacaagugguaggg.....	28	1	s02
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.....uaagaagguacaaguuAguaggg.....	5	1	s02
.....uaagUagguacaagugguaggg.....	3	1	s02
.....uaagaagguacaaguggCaggg.....	13	1	s02
.....uaUgaagguacaagugguaggg.....	10	1	s02
.....uaagaagguacaaAugguaggg.....	7	1	s02
.....uaagaCguacaagugguaggg.....	5	1	s02
.....Caagaagguacaagugguaggg.....	28	1	s02
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.....uGagaagguacaagugguaggg.....	11	1	s02
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.....uaagaagguacaaUugguaggg.....	2	1	s02
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Star

Mature

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.....uaagGaguacaagugguaggg.....	40	1	s02
.....uaagaaguacaagugguagUg.....	10	1	s02
.....uaagaaguacaagugguagAg.....	36	1	s02
.....uaagaaguUcaagugguaggg.....	3	1	s02
.....uaagaagAcaagugguaggg.....	5	1	s02
.....uaagaaguacaagugguagggC.....	142	1	s02
.....uaagaaguacUagugguaggg.....	7	1	s02
.....Gaagaaguacaagugguaggg.....	9	1	s02
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.....uaagaaguacaaCugguaggg.....	1	1	s02
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.....cugccacuuguauuuuucuuU.....	1	1	s18
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.....cugccacuuguauuuuucuuCC.....	1	0	s18
.....cugccacuuguauuuuucuuCCG.....	1	1	s18
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.....cugccacuuguauuuuucuuCCA.....	9	0	s18
.....cugccacuCguauuuuucuuCCA.....	2	1	s18
.....cguucaucgauguaagaaguacaaguggua.....	2	0	s18
.....augaagaaguacaaguggC.....	2	1	s18
.....augaagaaguacaagugguaggg.....	1	0	s18
.....uguaagaagGacaagugguaggg.....	1	1	s18
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Star

Mature

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.....uaagaaguacaagugguGg.....	1	1	s18			
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.....cugccacuuguauuuucuaA.....	4	1	s05			
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.....cugccacuuguauuuucuuCa.....	2	1	s05			

Star

Mature

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.....cugccacuuguauuuuuccU.....uaagaaguacaaguggC.....	6	1	s05
.....cugccacuuguauuuuuccG.....	4	1	s05
.....cugccacuuguauuuuuccC.....	1	1	s05
.....cugccacuugAuuuuucca.....	1	1	s05
.....ugccacuuguauuuuuccu.....	6	0	s05
.....ugccacuuguauuuuuccuU.....	1	1	s05
.....ugccacuuguauuuuuccuA.....uaagaaguacaaguggCag.....	1	1	s05
.....ugccacuuguauuuuuccuA.....	7	1	s05
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Star

Mature

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Star

Mature

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.cugccacuGuaauuuuucca.	1	1	s07
.cugccacuuguauuuuuccuCC.	6	1	s07
.cugccacuuguauuuGucuucca.	1	1	s07
.cugccacuuguauuuuuccuU.	5	1	s07
.cugccacuuguauuuuuccuCC.	6	1	s07
.Uugccacuuguauuuuuccuucca.	1	1	s07
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.uaagaaguAaagugguag.	1	1	s07
.uaagaaguGcaagugguag.	4	1	s07
.uGagaaguacaagugguag.	2	1	s07

Star

Mature

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.....uaagaaguacaGgugguag.....	2	1	s07
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.....uaagaaguUcaagugguagg.....	3	1	s07
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Star

Mature

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.....uaagUagu	acaagugguaggg	2	1	s07	
.....uaagaagu	acaaguggAaggg	3	1	s07	
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.....uGagaagu	acaagugguaggg	6	1	s07	
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.....uaagaagu	acaagugguaAgg	1	1	s07	
.....uaagaagu	acaagugguUggg	2	1	s07	
.....uaagaagu	acaagugguGggga	1	1	s07	
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.....uaagaagu	acaagugguGg	13	1	s09	
.....uaagaagu	acaagGgguaag	1	1	s09	
.....uaGgaagu	acaagugguag	9	1	s09	
.....uaagaagu	acaaUguuag	3	1	s09	
.....uaagaagu	acaaguUguuag	2	1	s09	
.....uaagaagu	acaagugAuaag	4	1	s09	
.....uaagaagu	acaaguggAag	6	1	s09	

Star

Mature

cccuuuuaguggcggaucacacgagggcacguuucguuuucgcccacuuuguuuuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag

.....uaagCaguacaagugguag.....	2	1	s09
.....uaagaaguacaagugguaU.....	15	1	s09
.....uaagaaguacaagugguaA.....	127	1	s09
.....uaagaaguacaagugguaC.....	6	1	s09
.....uaagaaguagaagugguag.....	1	1	s09
.....uaagaaguacCagugguag.....	1	1	s09
.....uaagaaguacaaAugguag.....	1	1	s09
.....uaagaaguacaaguAguag.....	1	1	s09
.....uaagaaguacaagugguUg.....	2	1	s09
.....uaagGaguacaagugguag.....	10	1	s09
.....uaagaaguacaagugUuag.....	1	1	s09
.....uaagaaguUcaagugguag.....	2	1	s09
.....uaagaaguacaaguggGag.....	15	1	s09
.....uaagaagGacaagugguag.....	3	1	s09
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.....uaagaaguGcaagugguag.....	7	1	s09
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.....uaagaaguacaagCgguag.....	2	1	s09
.....Gaagaaguacaagugguag.....	2	1	s09
.....uaagaagAacaagugguag.....	4	1	s09
.....uGagaaguacaagugguag.....	4	1	s09
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.....uaagaagCacaagugguag.....	7	1	s09
.....uaagaGguacaagugguag.....	12	1	s09
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.....uaagUaguacaagugguag.....	1	1	s09
.....uaagaaguacUagugguag.....	1	1	s09
.....uaagaaguacGagugguag.....	12	1	s09
.....uaagaaguacaGgugguag.....	6	1	s09
.....uaaUaaguacaagugguag.....	1	1	s09
.....uaagaaguCcaagugguag.....	1	1	s09
.....uaagaaLuacaagugguag.....	2	1	s09
.....uaagaaguacaagugguGg.....	1	1	s09
.....uaagaaguacaaCugguagg.....	1	1	s09
.....uGagaaguacaagugguagg.....	6	1	s09
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.....uaagaaguacaagCgguagg.....	1	1	s09
.....uaagaaguagaagugguagg.....	1	1	s09
.....uaagaaguacaagGgguagg.....	1	1	s09
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.....uaagaaguacaaguggGagg.....	4	1	s09
.....uaagaaguacaagugguagg.....	738	0	s09
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.....uaagaaguacaaguggCagg.....	2	1	s09
.....uaagaaguacaUgugguagg.....	3	1	s09
.....uaagaaguacaagugguaCg.....	1	1	s09
.....uaUgaaguacaagugguagg.....	1	1	s09
.....uaagaaguuaaagugguagg.....	3	1	s09
.....uaagaaguacaagugAuagg.....	1	1	s09
.....uaagaagCacaagugguagg.....	3	1	s09
.....uaagaGguacaagugguagg.....	1	1	s09
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.....uaagaaUuacaagugguagg.....	1	1	s09
.....uaagaaguacGagugguagg.....	8	1	s09
.....uaagUaguacaagugguagg.....	1	1	s09
.....uaagaagAacaagugguagg.....	1	1	s09
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.....Caagaaguacaagugguagg.....	1	1	s09
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.....uaagaaguacaGgugguagg.....	4	1	s09
.....uaagaaguacaagugguGgg.....	1	1	s09
.....uaagaaguGcaagugguagg.....	2	1	s09
.....uaagaaguuaaagugguaggg.....	6	1	s09
.....uaagaCguacaagugguaggg.....	1	1	s09
.....uaCgaaguacaagugguaggg.....	2	1	s09
.....uaagaaguacaGgugguaggg.....	12	1	s09
.....uaagaaguacaagugguagggA.....	432	1	s09

Star

Mature

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uaagaaguacaagugguaU				156	1	s09
uaagaaguacaagugguaUgg				1	1	s09
uaagaaguacaagugguaUg				4	1	s09
Caagaaguacaagugguaggg				7	1	s09
uaaCaaguacaagugguaggg				1	1	s09
uaagaaguacCagugguaggg				5	1	s09
uaagaaguacaagAgguaggg				8	1	s09
uaagaagAacaagugguaggg				2	1	s09
uaagaaguacaagGgguaggg				3	1	s09
uaagaUguacaagugguaggg				1	1	s09
uaagaagGacaagugguaggg				7	1	s09
uaagUaguacaagugguaggg				3	1	s09
uaagaaguacaagugguaggg				3259	0	s09
uaagaaguacaagugAaggg				9	1	s09
uaagaaguagaagugguaggg				1	1	s09
uaGgaaguacaagugguaggg				12	1	s09
uaagaaguacaaguggAaggg				4	1	s09
uaagaaguacaagugguUgg				2	1	s09
Gaagaaguacaagugguaggg				6	1	s09
uaagaaguacaaguAguaggg				6	1	s09
uaagaaguacaaUugguaggg				4	1	s09
uaagaaguUcaagugguaggg				2	1	s09
uaagaaguacaagugUuaggg				3	1	s09
uaagaaguacaaAugguaggg				4	1	s09
uaagaaUuacaagugguaggg				1	1	s09
uaagaaguacaagugguaAgg				2	1	s09
uaagaaguacaCgugguaggg				1	1	s09
uaagaaguacaagCgguaggg				10	1	s09
uaagaaguacaaguUguaggg				3	1	s09
uGagaaguacaagugguaggg				9	1	s09
uaagaaguacUagugguaggg				4	1	s09
uaagaaAuaaagugguaggg				4	1	s09
uaagaaguAaagugguaggg				3	1	s09
uaaAaaguacaagugguaggg				2	1	s09
uaagaGguacaagugguaggg				11	1	s09
uaagaaguacaagugguagggC				34	1	s09
uaagaaguacaaCugguaggg				1	1	s09
uaagaaguacaUgugguaggg				3	1	s09
uaagaaguacaagugguGggg				6	1	s09
uaUgaaguacaagugguaggg				4	1	s09
uaagaaguGcaagugguaggg				7	1	s09
uaagaaguacGagugguaggg				15	1	s09
Aaagaaguacaagugguaggg				10	1	s09
uaagaaguCcaagugguaggg				1	1	s09
uaagaaguacaaguggGaggg				7	1	s09
uaagaaguacaaguggCaggg				8	1	s09
uaagaagCacaagugguaggg				3	1	s09
uaagGaguacaagugguaggg				6	1	s09
uaagaaguacaagugguagAg				24	1	s09
uaagaaguacaaguCguaggg				1	1	s09
uaagaaguacaagugguagggU				163	1	s09
uaagaaguacaagugguagggC				18	1	s09
uaGgaaguacaagugguagggga				1	1	s09
uaagaaguacaaguggAagggga				1	1	s09
uaagaaguacaagugguagggG				1	1	s09
uaagaaguacaagugguagggga				39	0	s09
uaagaaguacGagugguagggga				2	1	s09
aagaaguacaagugguaU				1	1	s09
aagaaguacaagugguag				9	0	s09
aagaaguacaagugguaggg				6	0	s09
aagaaguacaagugguagggA				2	1	s09
aagaaguacaagugguagggg				6	0	s09
agaaguacaagugguaggg				2	0	s09
agaaguacaagugguagggg				4	0	s09
uggcggauacacgaggcacguuuucguuu				1	0	s04
cugccacuuguauuuuuccA				2	1	s04
cugccacuuguauuuuucca				2	0	s04
ugccacuuguauuuuuccA				1	1	s04
uaagaaguacaaguggua				1	0	s04

Star

Mature

cccuuuagugcggaucacgaggcacgguuucgugccacuuguauuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag			
.....uaagaaguacaagugguaA.....	5	1	s04
.....uaagaaguacaagugUuag.....	1	1	s04
.....uaagaaguacaagugguag.....	25	0	s04
.....uaagaaguacGagugguag.....	1	1	s04
.....uaagaaguacaagugguaggg.....	4	0	s04
.....uaagaagCacaagugguaggg.....	1	1	s04
.....uaagaaguacaagugguagA.....	1	1	s04
.....uaagaaguacaagugguagU.....	1	1	s04
.....uaagaaguacaagugguaAgg.....	1	1	s04
.....uaagaaguacaagugguagggU.....	2	1	s04
.....uaagGaguacaagugguagggg.....	3	1	s04
.....uaagaaguacaagugguagggA.....	4	1	s04
.....uaagaaguacaagugguagggg.....	35	0	s04
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.....cugccacuuguauuuuucucc.....	2	0	s08
.....cugccacuuguauuuuCcuucca.....	1	1	s08
.....cugccacuuguauuuuucuccC.....	2	1	s08
.....cugccacuuguGuuuucucca.....	1	1	s08
.....cugccacuuguauuuuucucca.....	36	0	s08
.....cugccacuuguauuuuucuccG.....	3	1	s08
.....cugccacuuguauuuuucucUa.....	1	1	s08
.....cugccacuuguauuuuucuccU.....	1	1	s08
.....cugccacuuguauuGucuucca.....	1	1	s08
.....cugccaUuuguauuuuucucca.....	1	1	s08
.....cugccacuuguauuuuucuccac.....	1	0	s08
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.....ugccacuuguauuuuucucA.....	5	1	s08
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.....ugccacuuguauuuuucucca.....	9	0	s08
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.....auguaagaaguacaaguggu.....	2	0	s08
.....auguaagaaguacaaguggua.....	4	0	s08
.....auguaagaaguacaagugguag.....	3	0	s08
.....auguaagaaguacCagugguaggg.....	1	1	s08
.....Uuguagaaguacaagugguaggg.....	1	1	s08
.....Guguagaaguacaagugguaggg.....	2	1	s08
.....auguaagaaguacaagugguagA.....	1	1	s08
.....auguaagaaguacaagugguaggg.....	13	0	s08
.....auguaagaaguacaagugguagC.....	2	1	s08
.....uguagaaguacaagugguag.....	1	0	s08
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.....UGagaaguacaaguggua.....	1	1	s08
.....uaagaaguacaagugguG.....	1	1	s08
.....uaagaaguacaaguggGa.....	1	1	s08
.....uaagaaguacaaAuggua.....	1	1	s08
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.....uaagaagAacaagugguag.....	1	1	s08
.....uaagaaguacaaguggCag.....	9	1	s08
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.....uaagaaguUaagugguag.....	1	1	s08
.....uaagaaguacaagugguaC.....	5	1	s08
.....uaagaaguacCagugguag.....	3	1	s08
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.....uaagCaguacaagugguag.....	1	1	s08
.....uaagaaguacaagugguUg.....	1	1	s08
.....Gaagaaguacaagugguag.....	3	1	s08
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.....uaagaaguacaagugguaA.....	72	1	s08
.....uaagaGguacaagugguag.....	4	1	s08

Star

Mature

cccuuuuaguggcggauacacgaggcacguuucguuuucgcccacuuuguuuuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag

.....uCagaaguacaagugguag.....	1	1	s08
.....uaagGaguacaagugguag.....	3	1	s08
.....uaagaCguacaagugguag.....	1	1	s08
.....uaagaaguacaagugguag.....	5	1	s08
.....uaagaaguacaagugguag.....	1037	0	s08
.....uaagaaguacaagGgguag.....	1	1	s08
.....uaagaaguacaagugguaU.....	19	1	s08
.....uaagaaguacaaguggGag.....	1	1	s08
.....uaGgaaguacaagugguag.....	6	1	s08
.....uaagaaguacaagAgguag.....	2	1	s08
.....uaagaaguacaagugAag.....	3	1	s08
.....uaagaaguacaGgugguag.....	5	1	s08
.....uaagaaguacGagugguag.....	6	1	s08
.....uaagaaguacaagugCuag.....	1	1	s08
.....uaagaaguacaaguggCagg.....	2	1	s08
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.....uaagaGguacaagugguaggg.....	5	1	s08
.....uaagaaguGcaagugguaggg.....	1	1	s08
.....uaagaaguacaagugguaAg.....	2	1	s08
.....uaagaaguacaagugguagA.....	44	1	s08
.....uaagaaguacaGgugguaggg.....	4	1	s08
.....uaGgaaguacaagugguaggg.....	2	1	s08
.....uaagaaguacaaguUguaggg.....	1	1	s08
.....uaagaaguacaagugguagU.....	24	1	s08
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.....uGagaaguacaagugguaggg.....	1	1	s08
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.....uaagaaguacGaagugguaggg.....	1	1	s08
.....uaagGaguacaagugguaggg.....	3	1	s08
.....uaagaaguacAaagugguaggg.....	1	1	s08
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.....Caagaaguacaagugguaggg.....	1	1	s08
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.....uaagaaguacaaguggGagg.....	3	1	s08
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.....uaagaaguGcaagugguagggg.....	3	1	s08
.....uaagaaguacaagugguagggA.....	275	1	s08
.....uaagaagCacaagugguagggg.....	2	1	s08
.....uaagaaguacaGgugguagggg.....	5	1	s08
.....uaagaGguacaagugguagggg.....	1	1	s08
.....uaagaaguacaaguggGaggg.....	2	1	s08
.....Caagaaguacaagugguagggg.....	6	1	s08
.....uaagGaguacaagugguagggg.....	3	1	s08
.....uaagaaguacGagugguagggg.....	9	1	s08
.....Aaagaaguacaagugguagggg.....	5	1	s08
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.....uaagaaAuaacaagugguagggg.....	1	1	s08
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.....uaagaaguacUagugguagggg.....	1	1	s08
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.....uaagaaguacGaagugguagggg.....	2	1	s08
.....uGagaaguacaagugguagggg.....	6	1	s08
.....uaagaaguacaaguggCagggg.....	3	1	s08
.....uaagUaguacaagugguagggg.....	1	1	s08
.....uaagaaguacAaagugguagggg.....	1	1	s08

Star

Mature

ccuuuuaguggcggaucacacgaggcacgguuuucguuuucugccacuuguauuuuucuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag			
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.....uaagaaguacaaguCguaggg.....	1	1	s08
.....uaagaaguacaagCgguaggg.....	3	1	s08
.....uaagaaCuacaagugguaggg.....	2	1	s08
.....uaagaaguacaagugguagUg.....	6	1	s08
.....uaagaaguacaagugAuaaggg.....	1	1	s08
.....uaagaagAacaagugguaggg.....	2	1	s08
.....uaagCaguacaagugguaggg.....	1	1	s08
.....uaagaaguCcaagugguaggg.....	1	1	s08
.....uaagaaguacaaguggAaggg.....	3	1	s08
.....uaagaaguacaagugguGggg.....	7	1	s08
.....uaagaaguacaagugguagAg.....	10	1	s08
.....uaagaaguacaagugguagggC.....	45	1	s08
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.....uaagaaguacaagugguagggC.....	12	1	s08
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.....uaagaaguacaagugguagggU.....	60	1	s08
.....uGagaaguacaagugguagggga.....	1	1	s08
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.....uaagaaguacaagugguaggggaA.....	3	1	s08
.....uaagaaguacaagugguagggUg.....	1	1	s08
.....uaagaaguacaagugguaggggaU.....	1	1	s08
.....aagaaguacaagugguag.....	2	0	s08
.....aagaaguacaagugguagCg.....	2	1	s08
.....aagaaguacaagugguaggg.....	1	0	s08
.....aagaaguacaagugguagggC.....	2	1	s08
.....aagaaguacaagugguaggg.....	1	0	s08
.....aagaaguacaagugguagggA.....	2	1	s08
.....cugccacuuguauuuuucuuC.....	1	0	s15
.....cugccacuuguauuuuucAucca.....	2	1	s15
.....cugccacuuguauuuuucuuCC.....	2	1	s15
.....cugccacuuguauuuCucuucca.....	1	1	s15
.....cugccacuuguauuuuucucca.....	11	0	s15
.....cugccacuuguauuuuucuuCC.....	1	1	s15
.....ugccacuuguauuuuucuuCC.....	2	0	s15
.....ugccacuuguauuuuucucca.....	1	0	s15
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.....uguuaagaaguacaagugguaggg.....	1	0	s15
.....uaagaaguacaaguggua.....	3	0	s15
.....uaagaaguAaaguggua.....	1	1	s15
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.....uaagaaguacaagCgguag.....	3	1	s15
.....uaagaaguGcaagugguag.....	1	1	s15
.....uaagaGguacaagugguag.....	1	1	s15
.....uaagaaguacaagugguaA.....	13	1	s15
.....uaagaaguacGagugguag.....	1	1	s15
.....uaagaaguacaagugguaC.....	1	1	s15
.....uaagaaguacaaguggCag.....	1	1	s15
.....uaagaaguacaagugguGg.....	1	1	s15
.....uaagaaguacaagGgguag.....	1	1	s15
.....uaagaaguacaagugguagCg.....	1	1	s15
.....uaagaaguacGagugguaggg.....	2	1	s15
.....uaagaaguacUagugguaggg.....	1	1	s15
.....uaagaaguacaagugguGgg.....	1	1	s15
.....uaagaaguacaaguggCagg.....	1	1	s15
.....uaagaaguacaagugguagA.....	3	1	s15
.....uaGgaaguacaagugguaggg.....	1	1	s15
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.....uaagaagAacaagugguaggg.....	1	1	s15
.....uaagGaguacaagugguaggg.....	2	1	s15
.....uaagaaguacaagugguagggU.....	7	1	s15
.....uaagaaguacaagugguagAg.....	1	1	s15
.....uaagaaguacGagugguaggg.....	1	1	s15
.....uaagaaguacGgugguaggg.....	1	1	s15
.....Aaagaaguacaagugguaggg.....	1	1	s15
.....uaagaaguacaaguggGaggg.....	1	1	s15
.....uaagaaguacaagugguagggA.....	28	1	s15

Star

Mature

ccuuuuagugcggaucacgaggcacgguuuucguuu	cugccacuuguauuuuucca	cguucaucgauguaagaaguacaagugguaggg	agggggugucaacaauucag			
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.....uaagaaguacaagugguGggg.....	2	1	s15			
.....uaagaaguacaagCgguaggg.....	2	1	s15			
.....uaagaaguacaagGgguaaggg.....	1	1	s15			
.....uaagaaguacaagugguagggC.....	1	1	s15			
.....uaagaaguacaagugguagggU.....	9	1	s15			
.....uaagaaguacaagugguagggC.....	1	1	s15			
.....uaagaaguacaagugguagggga.....	5	0	s15			
.....aagaaguacaagugguag.....	1	0	s15			
.....aagaaguacaagugguaggg.....	2	0	s15			
.....cugccacuuguauuuuucu.....	3	0	s06			
.....cugccacuuguauuuuucuu.....	8	0	s06			
.....cugccacuuguauuuuucuC.....	2	1	s06			
.....cugccacuuguauuuuucuuC.....	9	0	s06			
.....cGccacuuguauuuuucuuC.....	1	1	s06			
.....cugccacuuguauuuuucuuU.....	4	1	s06			
.....cugccacuuguauuuuucuuA.....	1	1	s06			
.....cugccacuuguauuuuucuuC.....	9	0	s06			
.....cugccacuuguauuuuucuuU.....	2	1	s06			
.....AugccacuuguauuuuucuuC.....	1	1	s06			
.....cugccacuuguauuCuucucca.....	1	1	s06			
.....cugccacGuguauuuuucuuC.....	2	1	s06			
.....cugccacCuguauuuuucuuC.....	1	1	s06			
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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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.....uaagaaguacaaguggGag		4	1	s16
.....uaagaagCacaagugguag		1	1	s16
.....uaagaaCuacaagugguaggg		1	1	s16
.....uaagaaguacaagugguagA		44	1	s16
.....Gaagaaguacaagugguaggg		2	1	s16
.....uaagaaguacaaguggCagg		1	1	s16
.....uaagaaguacaagugguagU		15	1	s16
.....uaagaaguacUagugguaggg		1	1	s16
.....uaagaaguacaaguggGagg		1	1	s16
.....uaagaaguacaagugguaggg		321	0	s16
.....Caagaaguacaagugguaggg		3	1	s16
.....uaagaaguacaagugAaggg		3	1	s16
.....uaagaagCacaagugguaggg		2	1	s16
.....uaagaaAuaagugguaggg		1	1	s16
.....uaagaagAacaagugguaggg		1	1	s16

Star

Mature

cccuuuaguggcggauacacgaggcacguuucuuuucugccacuuguauuuuuccacguucaucgauguaagaaguacaagugguagggagggggugucaacaauucag

.....uaagaaguacGagugguaggg.....	2	1	s16
.....uaagaaguacaagugguGgg.....	1	1	s16
.....uaagaaguacaagugguaCgg.....	1	1	s16
.....uaagaaUuacaagugguaggg.....	2	1	s16
.....uaagaaguacaagugguaggg.....	1888	0	s16
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.....uaGgaaguacaagugguaggg.....	3	1	s16
.....uaagaagCacaagugguaggg.....	4	1	s16
.....uaagaaguacaaguggGaggg.....	4	1	s16
.....uaagaaguacaagugguaUgg.....	2	1	s16
.....uaagaaguacaagugguagggC.....	43	1	s16
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.....uaaAaaguacaagugguaggg.....	1	1	s16
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.....uaagaaguacaaguggAggg.....	3	1	s16
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.....uaagaaguacaagCgguaggg.....	8	1	s16
.....uaagaagAacaagugguaggg.....	4	1	s16
.....uaagaaguacaagugguagggU.....	139	1	s16
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.....uaagaaguacaagugguagggA.....	257	1	s16
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.....Caagaaguacaagugguaggg.....	9	1	s16
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.....uaaUaaguacaagugguaggg.....	2	1	s16
.....uaagaaguuaUaagugguaggg.....	2	1	s16
.....uaagaaguGcaagugguaggg.....	5	1	s16
.....uaagGaguacaagugguaggg.....	1	1	s16
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.....uaagaaguacaagugguGggg.....	2	1	s16
.....uaagaaguuaAaagugguaggg.....	2	1	s16
.....uaagaaguacaaguggCaggg.....	10	1	s16
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.....uaagaaguacaaCugguaggg.....	1	1	s16
.....Gaagaaguacaagugguaggg.....	2	1	s16
.....uaagaaguacCagugguagggga.....	1	1	s16
.....uaGgaaguacaagugguagggga.....	1	1	s16
.....uaagaaguacaagugguagggU.....	126	1	s16
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.....aagaaguacaagugguag.....	6	0	s16
.....aagaaguacaagugguaA.....	1	1	s16
.....aagaaguacaagugguaggg.....	1	0	s16
.....aagaaguacaagugguaggg.....	3	0	s16
.....agaaguacaagugguaggg.....	6	0	s16
.....agaaguacaagugguagggA.....	1	1	s16
.....agaaguacaagugguaggg.....	1	0	s16
.....agaaguacaagugguagggC.....	1	1	s16