



Star

[illegible]

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaauauucaagagcugagauuaagucgccuacauguuacaucauaaucuucuugaguucuuauaguaug

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.....ugugcuuaa	aucuuggacuugaauA	1	1	s15
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.....uucaagagc	ugagauuaagucU	2	1	s06
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gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaauauucaagagcugagauuuagucgccuacauguuacaucuaaucuucugagauucuuuagauag

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.....uuc <u>aag</u> agcAgagauuu <u>aagucgc</u>	1	1	s03
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.....uuc <u>aagG</u> gcugagauuu <u>aagucgcc</u>	1	1	s03
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.....uuc <u>aag</u> agcugagauuu <u>aagucgcAu</u>	1	1	s03
.....uuc <u>aag</u> agcugagauuu <u>aagucgccC</u>	1	1	s03
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.....u <u>aag</u> agcugagauuu <u>aagucgcc</u>	5	0	s03
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.....ugu <u>Ac</u> uuaa <u>uc</u> uuggacuugaau.....	1	1	s09
.....ugugcuuaa <u>uc</u> uuggacuugaUu.....	1	1	s09
.....ugugcuuaa <u>uc</u> uuggacuugGau.....	1	1	s09
.....ugugcuuaaC <u>cu</u> uuggacuugaau.....	3	1	s09
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.....ucaagagc	7	1	s09
.....caagagc	1	0	s09
.....Gaagagc	1	1	s09
.....ugugcuuaa	1	0	s07
.....ugugcuuaa	1	1	s07
.....ugugcuuaa	1	1	s07
.....ugugcuuaa	1	1	s07
.....ugugcuuaa	1	1	s07
.....ugugcuuaa	11	0	s07
.....ugugcuuaa	13	1	s07
.....ugugcuuaa	1	1	s07
.....ugugcuuaa	4	1	s07
.....ugugcuuaa	1	1	s07
.....ugugcuuaa	7	1	s07
.....ugugcuuaa	20	0	s07
.....ugugcuuaa	3	1	s07

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaauucaagagcugagauuaagucgccuacauguuacaucauaacuucugaguucuuauaguaug

.ugugcuuaa	cuu	Cgacuugaau	.	2	1	s07
.ugugcuuaa	cuug	Aacuugaau	.	1	1	s07
.ugugcuuaa	Guuggacuugaau	.	1	1	s07	
.ugugcuuaa	cuu	ggacuugaau	.	375	0	s07
.ugugcuuaa	cuu	ggAuuugaau	.	1	1	s07
.ugugcuuaa	cuu	Agacuugaau	.	148	1	s07
.ugugcuuaa	cuu	ggacuuga	Gu	2	1	s07
.ugugcuuaa	cuu	ggAuuugaau	.	1	1	s07
.ugugcuuaa	cuu	ggGcuugaau	.	5	1	s07
.ugugcuuaa	cuu	Ugacuugaau	.	1	1	s07
.ugugcuuaa	cuu	ggacuug	Gau	1	1	s07
.ugugcuAa	cuu	ggacuugaau	.	1	1	s07
.uCugcuuaa	cuu	ggacuugaau	.	1	1	s07
.ugugcuuaa	A	cuu	ggacuugaau	1	1	s07
.ugugUuaa	cuu	ggacuugaau	.	1	1	s07
.ugugcuuaa	cuu	ggacuugaa	A	2	1	s07
.ugugcCuaa	cuu	ggacuugaau	.	6	1	s07
.Agugcuuaa	cuu	ggacuugaau	.	1	1	s07
.ugugcuuaa	cuu	ggacuuga	Cu	1	1	s07
.ugugcuuaa	cuu	ggacuuga	Uu	12	1	s07
.ugugcuuaa	cuu	ggacuugaa	C	39	1	s07
.ugugcuuaa	cuu	ggacu	Ggaau	2	1	s07
.uguUcuuaa	cuu	ggacuugaau	.	1	1	s07
.ugugcuuaa	cuu	ggac	Gugaau	1	1	s07
.ugugcGuaa	cuu	ggacuugaau	.	1	1	s07
.ugugcuuaa	cuu	ggacu	Cgaau	1	1	s07
.Cgugcuuaa	cuu	ggacuugaau	.	5	1	s07
.ugugcuuaa	cuu	Cggacuugaau	.	3	1	s07
.ugugcuua	Gucu	ggacuugaau	.	2	1	s07
.ugugcuuaa	cuu	ggacuugaa	G	6	1	s07
.ugugcuuaa	cuu	ggacuug	Uaua	68	1	s07
.uAugcuuaa	cuu	ggacuugaaua	.	2	1	s07
.ugugcuuaa	cuu	ggacuug	Caua	1	1	s07
.ugugcuuaa	Gcu	ggacuugaaua	.	1	1	s07
.ugugcuuaa	cuu	Gggacuugaaua	.	1	1	s07
.ugugcuuaa	cuu	ggac	Gugaaua	2	1	s07
.ugugcuuaa	cuu	ggacuugaa	Ca	2	1	s07
.Cgugcuuaa	cuu	ggacuugaaua	.	1	1	s07
.ugugcuuaa	cuu	ggUcuugaaua	.	1	1	s07
.ugugcuuaa	cuu	ggacuug	Gaua	2	1	s07
.ugugcuuaa	cuu	ggacuuga	Gua	1	1	s07
.ugugcuua	Gucu	ggacuugaaua	.	1	1	s07
.ugugcuuaa	cuu	ggacuugaaua	.	438	0	s07
.ugugcuuaa	cuu	ggacuugaa	Ga	4	1	s07
.ugugcuuaa	cuu	Cggacuugaaua	.	1	1	s07
.ugugcuuaa	cuu	ggacuuga	Uua	4	1	s07
.ugugcGuaa	cuu	ggacuugaaua	.	1	1	s07
.ugugcuuaa	cuu	ggacuugaau	C	4	1	s07
.ugugcuuaa	cuu	ggGcuugaaua	.	2	1	s07
.ugugcuuaa	cuu	Cgacuugaaua	.	2	1	s07
.ugugcuuaa	cuu	Agacuugaaua	.	619	1	s07
.ugugcuCaa	cuu	ggacuugaaua	.	1	1	s07
.ugugcuuaa	cuu	ggacu	Cgaaua	1	1	s07
.ugugcuuaa	cuu	ggacuugaauu	.	5	0	s07
.ugugcuuaa	cuu	Agacuugaauu	.	3	1	s07
.ugugcuuaa	cuu	ggacuugaau	Uuu	2	1	s07
.ugugcuuaa	cuu	ggacuugaaua	Cu	2	1	s07
.ugugcuuaa	cuu	Agacuugaauuu	.	5	1	s07
.ugugcuuaa	cuu	ggacuugaauuu	.	2	0	s07
.gugcuuaa	cuu	ggacuugaau	.	3	0	s07
.gugcuuaa	cuu	ggacuugaaua	.	4	0	s07
.gugcuuaa	cuu	Agacuugaaua	.	6	1	s07
.gugcuuaa	cuu	ggacuugaauU	.	1	1	s07
.ugcuuaa	cuu	ggacuugaa	C	1	1	s07
.ugcuuaa	cuu	ggacuugaau	.	2	0	s07
.ugcuua	Gucu	ggacuugaaua	.	1	1	s07
.ugcuuaa	cuu	Agacuugaaua	.	23	1	s07
.ugcuuaa	cuu	ggacuugaa	Ca	1	1	s07

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauauuuaauauucaagagcugagauuaagucgccuacaguuuacaucaucaauucuugagauucuuauuagauag

.....ugcCuaa <u>u</u> cuuggacuugaaua.....	1	1	s07
.....ugcuuaa <u>u</u> cuuggacuugaauG.....	1	1	s07
.....ugcuuaa <u>u</u> cuuggacuugaaua.....	19	0	s07
.....uucaagagcugagauuaa.....	4	0	s07
.....uucaagagcugagauuaU.....	14	1	s07
.....uucaagagcugagauuaC.....	2	1	s07
.....Cucaagagcugagauuaag.....	1	1	s07
.....uucaagagcugagauuaaU.....	1	1	s07
.....uucaagagcugagauuaaC.....	1	1	s07
.....uucaagGgcugagauuaag.....	3	1	s07
.....uCaagagcugagauuaag.....	1	1	s07
.....uucaagagcugagauuGag.....	1	1	s07
.....uucaagagcugagauuaag.....	102	0	s07
.....uucaaUagcugagauuaag.....	1	1	s07
.....uucaagagcugGgauuaagu.....	3	1	s07
.....uucaagagcCgagauuaagu.....	2	1	s07
.....uucaagagcugagauuaagu.....	210	0	s07
.....uucaagagcugagauuaagG.....	1	1	s07
.....uucaagagcAgagauuaagu.....	1	1	s07
.....Gucaagagcugagauuaagu.....	1	1	s07
.....uCaagagcugagauuaagu.....	1	1	s07
.....uucaagagcugagauAaagu.....	1	1	s07
.....uucaagagcugUgauuaagu.....	1	1	s07
.....uucaagagcugagauCaagu.....	2	1	s07
.....uucaagagcugagauuaagA.....	2	1	s07
.....uucaagagcugagauuGagu.....	2	1	s07
.....uucaagagcugagauuaagC.....	30	1	s07
.....uucaagagcugagUuaagu.....	1	1	s07
.....uucaagagcCGagauuaagu.....	1	1	s07
.....uucaagagcugagauuaaguU.....	5	1	s07
.....uucaGgagcugagauuaaguc.....	1	1	s07
.....uucaagagcugagauuaaguc.....	18	0	s07
.....uucGagagcugagauuaaguc.....	1	1	s07
.....uucaagagcugagCuuaaguc.....	1	1	s07
.....uucaagagcugagauuaaguA.....	1	1	s07
.....uucaagagcugagauuaagucg.....	3	0	s07
.....uucaagagcugagauuaagucA.....	1	1	s07
.....uucaagagcugagagGuaagucgc.....	1	1	s07
.....uucaagagcCGagauuaagucgc.....	2	1	s07
.....uucaagagcugagauCaagucgc.....	2	1	s07
.....Cucaagagcugagauuaagucgc.....	2	1	s07
.....uucaagagcugagauuaagucgc.....	557	0	s07
.....uucaagaAcugagauuaagucgc.....	1	1	s07
.....uucaagagcugagauuaGgucgc.....	4	1	s07
.....uucaagagcugagauuGagucgc.....	1	1	s07
.....uucaagagcugagauuaCgucgc.....	2	1	s07
.....uucaagagcugagUuaagucgc.....	1	1	s07
.....uucGagagcugagauuaagucgc.....	1	1	s07
.....uuUaagagcugagauuaagucgc.....	1	1	s07
.....uucaagagcugagauuaaguAgc.....	2	1	s07
.....uucaagagcugagauuaagucgA.....	36	1	s07
.....uucaagaCcugagauuaagucgc.....	1	1	s07
.....uucaagagcugGgauuaagucgc.....	6	1	s07
.....uucaCgagcugagauuaagucgc.....	2	1	s07
.....uucaagagcugagauuaagucgG.....	2	1	s07
.....uucaagagcugagauGaaagucgc.....	3	1	s07
.....uucaagagcugagauuaagAagc.....	1	1	s07
.....uucaagagcugagauuaagucGU.....	234	1	s07
.....uucaagagcugagauuaaAucgc.....	1	1	s07
.....uucaagagcGgagauuaagucgc.....	1	1	s07
.....uucaagagcugaAauuaagucgc.....	1	1	s07
.....uucaagagcugagauAaagucgc.....	2	1	s07
.....uucaagagcugagauuaagCgc.....	3	1	s07
.....uucaagGgcugagauuaagucgc.....	2	1	s07
.....uucaagagcugagCuuaagucgc.....	2	1	s07
.....uCaagagcugagauuaagucgc.....	3	1	s07
.....uucaagagcugagauuaUgucgc.....	1	1	s07
.....uucaGgagcugagauuaagucgc.....	2	1	s07
.....uucaagCgcugagauuaagucgcc.....	1	1	s07
.....uucaaAagcugagauuaagucgcc.....	1	1	s07

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaauaucaagagcugagauuaagucgccuacauguuacaucuaaucuuugagauucuuauagauag

.....uucaagagcuUagauuaagucgcc.....	1	1	s07
.....uucaagagcugagauuaagucgcA.....	81	1	s07
.....uucaagagcugagauuaagucgcU.....	59	1	s07
.....uucaagagcugagauuaagucgcc.....	89	0	s07
.....uucaagagcugagauuaagucgcG.....	9	1	s07
.....uucaagagcugagauuaagucgccu.....	8	0	s07
.....uucaagagcugagauuaagucgccC.....	1	1	s07
.....uucaagagcugagauuaagucgccA.....	7	1	s07
.....uucaagagcugagauuaagucgcAu.....	1	1	s07
.....uucaagagcugagauuaagucgccua.....	1	0	s07
.....uucaagagcugagauuaagucgccuaUa.....	2	1	s07
.....ucaagagcugagauuaag.....	3	0	s07
.....ucaagagcugagauuaagu.....	1	0	s07
.....ucGagagcugagauuaaguc.....	1	1	s07
.....ucaagagcugagauuaagucgc.....	4	0	s07
.....ucaagagcugagauuaagucgU.....	2	1	s07
.....ucaagagcugagauuaagucgcA.....	10	1	s07
.....ucaagagcCgagauuaagucgcc.....	1	1	s07
.....Ccaagagcugagauuaagucgcc.....	2	1	s07
.....ucaagagcugagauuaagucgcG.....	2	1	s07
.....ucaagaCcugagauuaagucgcc.....	1	1	s07
.....ucaagagcugagauuaagucgcU.....	84	1	s07
.....ucaagagcugagauuaagucgUc.....	2	1	s07
.....Acaagagcugagauuaagucgcc.....	1	1	s07
.....ucaagagcugagauuaagucgcc.....	141	0	s07
.....ucaagagcAgagauuaagucgcc.....	2	1	s07
.....ucaagagcugagauuaagucgcGu.....	1	1	s07
.....ucaagagcugagauuaagucgccu.....	1	0	s07
.....caagagcugagauuaagucgU.....	4	1	s07
.....caagagcugagauuaagucgcA.....	8	1	s07
.....caagagcugagauuaagucgcG.....	1	1	s07
.....caagagcugGgauuaagucgcc.....	1	1	s07
.....caagagcugagauuaagucgcU.....	31	1	s07
.....caagagAugagauuaagucgcc.....	1	1	s07
.....caagagcugagauuaagucgUc.....	1	1	s07
.....caagagcugagauuaagucgcc.....	42	0	s07
.....aagagcugagauuaagucgcU.....	2	1	s07
.....ugugcuuaa <u>u</u> cuuggacu.....	1	0	s08
.....ugugcuuaa <u>u</u> cuuAgacu.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacuuga.....	7	0	s08
.....ugugcuuaa <u>u</u> cuuAgacuuga.....	4	1	s08
.....ugugcuuaG <u>u</u> cuuggacuuga.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaa.....	7	0	s08
.....ugugcuuaa <u>u</u> cuuAgacuugaa.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaau.....	35	0	s08
.....ugugcuuaa <u>u</u> cuuggacuugaCu.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuGggacuugaau.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaUu.....	1	1	s08
.....ugugcuuaaC <u>u</u> cuuggacuugaau.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaaC.....	6	1	s08
.....ugugcuuaa <u>u</u> cuuAgacuugaau.....	10	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaaG.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugCaua.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaauC.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggGcuugaaua.....	2	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaauU.....	7	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaaua.....	25	0	s08
.....ugugcuuaa <u>u</u> cuuAgacuugaaua.....	50	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaauG.....	1	1	s08
.....uguC <u>u</u> uaa <u>u</u> cuuggacuugaaua.....	1	1	s08
.....ugugcC <u>u</u> aa <u>u</u> cuuggacuugaaua.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacAugaauuu.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuggacuugaauuA.....	1	1	s08
.....gugcuuaa <u>u</u> cuuAgacuugaau.....	1	1	s08
.....gugcuuaa <u>u</u> cuuggacuugaaua.....	2	0	s08
.....gugcuuaa <u>u</u> cuugA <u>u</u> acuugaaua.....	1	1	s08
.....gugcuuaa <u>u</u> cuuAgacuugaaua.....	2	1	s08
.....ugcuuaa <u>u</u> cuuAgacuugaau.....	1	1	s08
.....ugcuuaa <u>u</u> cuuggacuugaaua.....	12	0	s08

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauauuuaauauucaagagcugagauuaagucgccuacauguuacaucuaaucuuugagauuuuuagauag

.....ugcuuaa <u>u</u> cuuAgacuugaaua.....	4	1	s08
.....ugcuuaa <u>u</u> cuuuggacuugaauU.....	1	1	s08
.....uucaagagcugagaua <u>u</u> aag.....	2	1	s08
.....uucaagagcugagauua <u>u</u> U.....	3	1	s08
.....uucaagagcugagaua <u>u</u> aag.....	3	1	s08
.....uucaagagcugagauua <u>u</u> aag.....	5	0	s08
.....uucGagagcugagauua <u>u</u> aagu.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagC.....	13	1	s08
.....uucaagagcugagauua <u>u</u> aagu.....	1	1	s08
.....uucaagagcugGgauua <u>u</u> aagu.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagA.....	3	1	s08
.....uucaagagcugagauua <u>u</u> aagG.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagu.....	46	0	s08
.....uucaagagcugagauua <u>u</u> aaguc.....	35	0	s08
.....uucaagagcugagauua <u>u</u> aagAc.....	1	1	s08
.....uucaagagcugagauG <u>u</u> aaguc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aaguU.....	8	1	s08
.....uucaagagcugagauua <u>u</u> aagucg.....	5	0	s08
.....uucaagagcugaU <u>u</u> uaaagucgc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagucgU.....	21	1	s08
.....uucaagagcugagauua <u>u</u> aagucgc.....	37	0	s08
.....uucaagGgcugagauua <u>u</u> aagucgc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagAcgc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aaguGgc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagucgA.....	5	1	s08
.....uucaagagcugagauua <u>u</u> aagucgcc.....	69	0	s08
.....uucACgagcugagauua <u>u</u> aagucgcc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagucgcU.....	40	1	s08
.....uucaagagcugGgauua <u>u</u> aagucgcc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagucgcA.....	13	1	s08
.....Gucaagagcugagauua <u>u</u> aagucgcc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagucgUc.....	1	1	s08
.....uucaagGgcugagauua <u>u</u> aagucgcc.....	1	1	s08
.....uCaagagcugagauua <u>u</u> aagucgcc.....	1	1	s08
.....Aucaagagcugagauua <u>u</u> aagucgcc.....	1	1	s08
.....uucaagagcugagauua <u>u</u> aagucgccC.....	5	1	s08
.....uucaagagcugagauua <u>u</u> aagucgccu.....	7	0	s08
.....uucaagagcugagauua <u>u</u> aagucgccA.....	2	1	s08
.....uucaagagcugagauua <u>u</u> aagucgccG.....	2	1	s08
.....uucaagagcugagauua <u>u</u> aagucgccua.....	1	0	s08
.....uucaagagcugagauua <u>u</u> aagucgccuU.....	2	1	s08
.....uCaagagcugagauua <u>u</u> aagucgccuac.....	1	1	s08
.....ucaagagcugagauua <u>u</u> aagucgcU.....	1	1	s08
.....ucaagagcugagauua <u>u</u> aagucgcc.....	5	0	s08
.....ucaagagcugagauua <u>u</u> aagucgcA.....	1	1	s08
.....caagagcugagauua <u>u</u> aagucgcc.....	2	0	s08
.....caagagcugagauua <u>u</u> aagucgcA.....	1	1	s08
.....caagagcugagauua <u>u</u> aagucgcU.....	1	1	s08
.....ugugcuuaa <u>u</u> cuuuggacuugaa.....	2	0	s04
.....ugugcuuaa <u>u</u> cuuuggacuugaau.....	9	0	s04
.....ugugcuuaa <u>u</u> cuuAgacuugaau.....	4	1	s04
.....ugugcuuaa <u>u</u> cuuuggacuugaaC.....	1	1	s04
.....ugugcuuaa <u>u</u> cuuAgacuugaaua.....	45	1	s04
.....ugugcuuaa <u>u</u> cuuuggacuugaauU.....	1	1	s04
.....ugugcuuaa <u>u</u> cuuuggacuugCaua.....	1	1	s04
.....ugugcuuaa <u>u</u> cuuuggacuugaaua.....	29	0	s04
.....ugugcuuaa <u>u</u> cuuuggacuugaauA.....	1	1	s04
.....ugugcuuaa <u>u</u> cuuAgacuugaauuuuaa.....	1	1	s04
.....gugcuuaa <u>u</u> cuuAgacuugaau.....	3	1	s04
.....gugcuuaa <u>u</u> cuuuggacuugaaua.....	1	0	s04
.....gugcuuaa <u>u</u> cuuAgacuugaaua.....	2	1	s04
.....gugcuuG <u>u</u> acuuggacuugaaua.....	1	1	s04
.....ugcuuaa <u>u</u> cuuuggacuugaaua.....	2	0	s04
.....uucaagagcugagauua <u>u</u> aagu.....	1	0	s04
.....uucaagagcugagauua <u>u</u> aagucgc.....	1	0	s04
.....uucaagagcugagauua <u>u</u> aagucgcU.....	2	1	s04
.....uucaagagcugagauua <u>u</u> aagucgcc.....	3	0	s04
.....uucaagagcugagauua <u>u</u> aagucgcU.....	2	1	s04
.....ucaagagcugagauua <u>u</u> aagucgcc.....	5	0	s04

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaauaucaagagcugagauuaagucgccuacauguuacaucauaacuucuugagauucuuauaguaug

.....u <u>ca</u> agagcugagauuaagucgc <u>A</u> ua.....	1	1	s04
..... <u>ca</u> agagcugagauuaagucgc <u>c</u>	1	0	s04
..... <u>ca</u> agagcugagauuaagucgc <u>A</u>	1	1	s04
.....Cugugcuuaa <u>cu</u> u <u>gg</u> acuugaau.....	2	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuuga.....	1	0	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaa.....	1	0	s18
.....ugugcuuaa <u>cu</u> uAgacuugaa.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaaG.....	1	1	s18
.....Cgugcuuaa <u>cu</u> u <u>gg</u> acuugaau.....	1	1	s18
.....ugugcuuaa <u>cu</u> uGggacuugaau.....	1	1	s18
.....ugugcuuaa <u>cu</u> uGggacuugaau.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acCugaau.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugGau.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaaA.....	2	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaaC.....	15	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaau.....	130	0	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> Ucuugaau.....	2	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> aUuugaau.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaUu.....	2	1	s18
.....Ggugcuuaa <u>cu</u> u <u>gg</u> acuugaau.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> Gcuugaau.....	2	1	s18
.....ugugcuuaC <u>u</u> cu <u>gg</u> acuugaau.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>g</u> Uacuugaaua.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acGugaaua.....	1	1	s18
.....ugugcuuaaA <u>cu</u> u <u>gg</u> acuugaaua.....	1	1	s18
.....ugugcuuaaA <u>cu</u> u <u>gg</u> acuugaaua.....	1	1	s18
.....ugugcCuaa <u>cu</u> u <u>gg</u> acuugaaua.....	2	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaGua.....	3	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaUua.....	2	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaaGa.....	4	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaauG.....	5	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaCua.....	1	1	s18
.....Cgugcuuaa <u>cu</u> u <u>gg</u> acuugaaua.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuAgaaua.....	1	1	s18
.....ugugcuuaa <u>cu</u> uGggacuugaaua.....	1	1	s18
.....ugCgcuuaa <u>cu</u> u <u>gg</u> acuugaaua.....	1	1	s18
.....ugugcuuaaC <u>cu</u> u <u>gg</u> acuugaaua.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acCugaaua.....	2	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaauU.....	17	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaauC.....	1	1	s18
.....ugugcuuaa <u>cu</u> uGggacuugaaua.....	1	1	s18
.....uguA <u>cu</u> uaa <u>cu</u> u <u>gg</u> acuugaaua.....	1	1	s18
.....ugugcuAa <u>cu</u> u <u>gg</u> acuugaaua.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaaua.....	316	0	s18
.....ugugcuuG <u>au</u> cu <u>gg</u> acuugaaua.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaaCa.....	4	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaauu.....	10	0	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaauaC.....	1	1	s18
.....ugugcuuaa <u>cu</u> u <u>gg</u> acuugaauaA.....	2	1	s18
.....gugcuuaa <u>cu</u> u <u>gg</u> acuugaau.....	3	0	s18
.....gugcuuaa <u>cu</u> u <u>gg</u> acuugaaua.....	4	0	s18
.....gugcuuaa <u>cu</u> u <u>gg</u> acuugaauU.....	1	1	s18
.....ugcuuaa <u>cu</u> u <u>gg</u> acuugaaua.....	3	0	s18
.....ugcuuaa <u>cu</u> u <u>gg</u> acuugaauuuuaua.....	1	0	s18
.....uucaagagcugagauuaU.....	1	1	s18
.....uucaagagcugagauuaag.....	2	0	s18
.....uucaagagcugagauuaGg.....	1	1	s18
.....uucaagagcugagauuaagC.....	2	1	s18
.....uucaagagcugagauuaagu.....	10	0	s18
.....uucaagagcugagauuaagucg.....	1	0	s18
.....uucaagagcugagauuaagucgc.....	40	0	s18
.....uucaagagcugagUuu <u>ag</u> ucgc.....	1	1	s18
.....uucaGgagcugagauuaagucgc.....	3	1	s18
.....uucaagagcugagauuaagucgU.....	14	1	s18
.....uucaagagcugagauuaGgucgc.....	1	1	s18
.....uucaagagcugagauuaagucAc.....	1	1	s18
.....uucaagagcugagauuaagucgA.....	1	1	s18
.....uucaagGgcugagauuaagucgc.....	1	1	s18
.....uucaagagcugagauuaagucgc.....	13	0	s18
.....uucaagagcugagauuaagucgcU.....	9	1	s18

Mature

Star

gcauguugaguaacaaguaa <u>ugugcuuaa</u> cuuggacuugaauuuuaa <u>uucaagagcugagauuaagucgc</u> cuacauguuacaucuaa <u>ucuu</u> cuugagauucuuauaguaug			
.....uucaagagcugagauuaagucgcA.....	10	1	s18
.....uucaagGgcugagauuaagucgcc.....	2	1	s18
.....uucaagagcugagauuaagucgccuaU.....	2	1	s18
.....ucaagagcugagauuaagucgc.....	2	0	s18
.....ucaagagcugagauuaagucUcc.....	1	1	s18
.....ucaagaAcugagauuaagucgcc.....	1	1	s18
.....ucaagagcugagauuaagucgUc.....	1	1	s18
.....ucaagagcugagauuaagucAcc.....	1	1	s18
.....ucaagagcugagauuaagucgcU.....	20	1	s18
.....ucaagagcugagauuaagCgcgc.....	1	1	s18
.....ucaagagcugagauuGagucgcc.....	1	1	s18
.....ucaagagcugagauuaagucgcA.....	2	1	s18
.....ucaagagcugagauuaagucgcc.....	25	0	s18
.....ucaagagcugagauuaagucgcAua.....	2	1	s18
.....caagagcugagauuaagucgcc.....	1	0	s18
.....ugugcuuaa <u>ucuu</u> Agacuu.....	2	1	s05
.....ugugcuuaa <u>ucuu</u> Agacuug.....	4	1	s05
.....ugugcuuaa <u>ucuu</u> Agacuuga.....	12	1	s05
.....ugugcuuaa <u>ucuu</u> uggacuugaa.....	1	0	s05
.....ugugcuuaa <u>ucuu</u> Agacuugaa.....	19	1	s05
.....ugugcuuaa <u>ucuu</u> uggacuugaau.....	3	0	s05
.....ugugcuuaa <u>ucuu</u> Cgacuugaau.....	1	1	s05
.....ugugcuuaa <u>ucuu</u> Agacuugaau.....	507	1	s05
.....ugugcuuaa <u>ucuu</u> uggacuugaaua.....	5	0	s05
.....ugugcuuaa <u>ucuu</u> Agacuugaaua.....	1285	1	s05
.....uAugcuuaa <u>ucuu</u> uggacuugaaua.....	1	1	s05
.....ugugcuuaa <u>ucuu</u> uggacuugaauU.....	1	1	s05
.....ugugcuuaa <u>ucuu</u> Cgacuugaaua.....	2	1	s05
.....ugugcuuaa <u>ucuu</u> gacuugaaua.....	1	1	s05
.....ugugcuuaa <u>ucuu</u> Agacuugaauau.....	16	1	s05
.....ugugcuuaa <u>ucuu</u> Agacuugaauuu.....	5	1	s05
.....gugcuuaa <u>ucuu</u> Agacuugaa.....	1	1	s05
.....gugcuuaa <u>ucuu</u> Agacuugaau.....	5	1	s05
.....gugcuuaa <u>ucuu</u> Agacuugaaua.....	28	1	s05
.....gugcuuaa <u>ucuu</u> Agacuugaauau.....	1	1	s05
.....ugcuuaa <u>ucuu</u> Agacuugaau.....	6	1	s05
.....ugcuuaa <u>ucuu</u> Agacuugaaua.....	24	1	s05
.....uucaagagcugagauuaaU.....	1	1	s05
.....uucaagagGugagauuaag.....	1	1	s05
.....uucaagagcugagauuaag.....	3	0	s05
.....uucaagagcugagauuaagC.....	7	1	s05
.....uucaagagcugagauuaUgu.....	1	1	s05
.....uucaagagcugagauCaagu.....	1	1	s05
.....uucGagagcugagauuaagu.....	1	1	s05
.....uucaagagcAgagauuaagu.....	1	1	s05
.....uucaagagcugGgauuaagu.....	1	1	s05
.....uucaagagcugagauuaagu.....	32	0	s05
.....uucaagagcugagauuaaUu.....	1	1	s05
.....uucaagagcugagauuaaguc.....	5	0	s05
.....uucaagagcugagauuaaguA.....	2	1	s05
.....uucaagagcugagauuaaguU.....	1	1	s05
.....uucaagagcugagauuaagucA.....	3	1	s05
.....uucaagagcugagauuaagucU.....	1	1	s05
.....uucaagagcugagUuaagucgc.....	1	1	s05
.....uucAGgagcugagauuaagucgc.....	1	1	s05
.....uucaagagcugagauCaagucgc.....	1	1	s05
.....uucaagagcugagauuaagAcgc.....	1	1	s05
.....uucaagagcugagauuaagucgc.....	68	0	s05
.....uucaagagcCgagauuaagucgc.....	1	1	s05
.....uucaagagcugagauuaagucgA.....	8	1	s05
.....uucaagagcugagauuaUgucgc.....	1	1	s05
.....uucaagagcugagauuaagucgc.....	1	1	s05
.....uucaagagcugagauuaagucgU.....	43	1	s05
.....uucaagagcugagauuaagGcgcc.....	1	1	s05
.....uucaagagcugagauuaagucgcc.....	1	1	s05
.....uucaagagcugagauuaagucgcU.....	22	1	s05
.....uucaagaAcugagauuaagucgcc.....	1	1	s05
.....uucaagagcugagauuaaUucgcc.....	1	1	s05
.....uucaagagcugagauuaagucgcA.....	10	1	s05

Mature

Star

gcauguugaguaacaaguaa <u>ugugcuuaa</u> cuuggacuugaauuuuaa <u>ua</u> u <u>ucaagagcugagauuaagucgc</u> cuacauguuacaucuaa <u>uc</u> uuc <u>u</u> gagauu <u>cu</u> uauag <u>uaug</u>			
.....u <u>ucaagagcugagauuaagucgc</u>	58	0	s05
.....u <u>ucaagagcugagauuaagucgc</u>	1	0	s05
.....u <u>ucaagagcugagauuaagucgc</u> U.....	1	1	s05
.....u <u>ucaagagcugagauuaagucgc</u> A.....	3	1	s05
.....u <u>ucaagagcugagauuaagucgc</u> C.....	1	1	s05
.....u <u>ucaagagcugagauuaagucgc</u>	1	0	s05
.....u <u>ucaagagcugagauuaagucgc</u>	78	0	s05
.....u <u>ucaagagcugagauuaagucgc</u> A.....	4	1	s05
.....u <u>ucaagagcugagauuaagucgc</u>	1	1	s05
.....u <u>ucaagagc</u> Cgagauuaagucgc.....	1	1	s05
.....G <u>ucaagagcugagauuaagucgc</u>	1	1	s05
.....u <u>ucaagagcugagauuaagucgc</u> U.....	42	1	s05
.....u <u>ucaagagcugagauuaagucgc</u> G.....	1	1	s05
.....c <u>aagagcugagauuaagucgc</u> U.....	15	1	s05
.....c <u>aagagcugagauuaagucgc</u> A.....	2	1	s05
.....c <u>aagagcugagauuaagucgc</u>	14	0	s05
.....c <u>aagG</u> cugagauuaagucgc.....	1	1	s05
.....c <u>aagagc</u> Cgagauuaagucgc.....	1	1	s05
.....c <u>aagagcugagauuaagucgc</u> U.....	1	1	s05
.....a <u>gagcugagauuaagucg</u>	1	0	s05
.....C <u>ugugcuuaa</u> cuuggacuuga <u>ua</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacC.....	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuuga.....	5	0	s11
.....u <u>gugcuuaa</u> cuuggacuuga.....	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuuga.....	5	0	s11
.....u <u>gugcuuaa</u> cuuggacuugaG.....	1	1	s11
.....u <u>gugcuuaa</u> cuuggacCuga <u>au</u>	1	1	s11
.....C <u>gugcuuaa</u> cuuggacuuga <u>au</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuuga <u>au</u>	1	1	s11
.....u <u>gCgcuuaa</u> cuuggacuuga <u>au</u>	1	1	s11
.....u <u>gugcu</u> Gaa <u>cu</u> uggacuuga <u>au</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaG.....	7	1	s11
.....u <u>gugcuuaa</u> uA <u>u</u> uggacuuga <u>au</u>	1	1	s11
.....u <u>gugcu</u> Ca <u>au</u> cuuggacuuga <u>au</u>	1	1	s11
.....uA <u>ugcuuaa</u> cuuggacuuga <u>au</u>	3	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaG <u>u</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuugC <u>au</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacu <u>u</u> U <u>au</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuugG <u>au</u>	1	1	s11
.....uU <u>gcuuaa</u> cuuggacuuga <u>au</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggU <u>cu</u> uga <u>au</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaA.....	2	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaaC.....	21	1	s11
.....u <u>gugcuuaa</u> cuuggacuuga <u>au</u>	229	0	s11
.....u <u>gugcuuaa</u> cuuggG <u>cu</u> uga <u>au</u>	1	1	s11
.....u <u>gugcuuaa</u> cuugU <u>acu</u> uga <u>au</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaU.....	4	1	s11
.....u <u>gugc</u> Cua <u>cu</u> uggacuuga <u>au</u>	3	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaaG.....	3	1	s11
.....u <u>gugcuuaa</u> cuuggacuCga <u>ua</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaaC.....	3	1	s11
.....u <u>gugcuuaa</u> cuuA <u>g</u> acuuga <u>ua</u>	2	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaaG.....	7	1	s11
.....u <u>gugcuuaa</u> cuuggacuugG <u>ua</u>	2	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaG <u>ua</u>	2	1	s11
.....u <u>gugcuuaa</u> cuuggG <u>cu</u> uga <u>ua</u>	1	1	s11
.....C <u>gugcuuaa</u> cuuggacuuga <u>ua</u>	3	1	s11
.....u <u>gugcuuaa</u> cuCg <u>g</u> acuuga <u>ua</u>	1	1	s11
.....u <u>gugcuuaa</u> cuugU <u>acu</u> uga <u>ua</u>	1	1	s11
.....u <u>gCgcuuaa</u> cuuggacuuga <u>ua</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuuga <u>u</u> U.....	41	1	s11
.....G <u>gugcuuaa</u> cuuggacuuga <u>ua</u>	1	1	s11
.....u <u>gugcu</u> Ca <u>au</u> cuuggacuuga <u>ua</u>	1	1	s11
.....u <u>gugcuuaa</u> C <u>cu</u> uggacuuga <u>ua</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuuga <u>ua</u>	225	0	s11
.....u <u>gugcuuaa</u> cuuggacuugaC <u>ua</u>	1	1	s11
.....u <u>gugcuuaa</u> cuuggacuugaaC <u>a</u>	2	1	s11
.....u <u>gugcuu</u> U <u>acu</u> uggacuuga <u>ua</u>	4	1	s11
.....u <u>gugcuuaa</u> cuuggacuuga <u>u</u> U.....	1	1	s11

Mature

Star

gcauguugaguaacaaguaa <u>ugugcuuaa</u> cuuggacuugaau <u>uuuaa</u> ua <u>uucaagagcugagauuaagucgc</u> cuacauguuacaucuaaucuuc <u>uugaguucuu</u> uaguaug			
.ugugcuuaa <u>cuuggacuugaau</u> C	1	1	s11
.ugugcuuaa <u>cuuggacuugaau</u> A	4	1	s11
.ugugcuuaa <u>cuuggacuugaau</u> Au	1	1	s11
.ugugcuuaa <u>cuuggacuugaau</u> Aua	1	1	s11
.gugcuuaa <u>cuuggacuugaau</u>	5	0	s11
.gugcuuaa <u>cuuggGcuugaau</u>	1	1	s11
.ugcuuaa <u>cuuggacuuga</u>	1	0	s11
.ugcuuaa <u>cuuggacuugaau</u>	1	0	s11
.ugcuuaa <u>cuuggacuugaau</u>	4	0	s11
.ugcuuaa <u>cuuggacuugaau</u> U	1	1	s11
.uucaagagcugagauuaag	6	0	s11
.uucaagagcugagauuaagu	4	0	s11
.uucaagagcugagauuaagC	2	1	s11
.uucaagagcugagauuaaguc	2	0	s11
.uucaagagcugagauuaGgucgc	1	1	s11
.uucaagagcugagauuaagucgc	2	1	s11
.uucaagGgcugagauuaagucgc	1	1	s11
.uucaagagcugagauuaagucgU	3	1	s11
.uucaagagcugagauuaagucgc	1	0	s11
.uucaagagcugagauuaagucgcU	9	1	s11
.uucaagGgcugagauuaagucgcc	1	1	s11
.uucaagagcugagauuaagucgcc	17	0	s11
.uucaagagcugagauuaagucgcG	3	1	s11
.ucaagagcugagauuaagucgcU	9	1	s11
.ucaagagcugagauuaagucgcG	1	1	s11
.ucaagagcugagauuaagucgcc	12	0	s11
.ucaagagcugagauuaagucgcA	2	1	s11
.ucaGgagcugagauuaagucgcc	1	1	s11
.caagagcugagauuaagucgcc	7	0	s11
.caagagcugagauuaaCucgcc	1	1	s11
.caagagcugagauuaagucgcU	3	1	s11
.aagagcugagauuaagucgcc	2	0	s11
.aagagcugagauuaagucgcU	1	1	s11
.auguugaguaacaaguaaug	1	0	s02
.Cugugcuuaa <u>cuuggacuugaau</u>	5	1	s02
.Cugugcuuaa <u>cuuggacuugaau</u>	3	1	s02
.ugugcuuaa <u>cuuggacu</u>	3	0	s02
.ugugcuuaa <u>cuuggacG</u>	2	1	s02
.ugugcuuaa <u>cuuggacuC</u>	1	1	s02
.ugugcuuaa <u>cuuggacuA</u>	2	1	s02
.ugugcuuaa <u>cuuggacuug</u>	9	0	s02
.ugugcuuaa <u>cuGggacuuga</u>	1	1	s02
.ugugcCuaa <u>cuuggacuuga</u>	1	1	s02
.ugugAuuaa <u>cuuggacuuga</u>	1	1	s02
.ugugcuuaa <u>cuuggacuuga</u>	88	0	s02
.ugugcuuaa <u>cuuggacuCga</u>	3	1	s02
.ugugcuuaa <u>cuuggacuugU</u>	6	1	s02
.ugugcuuaa <u>cuuggacGuga</u>	1	1	s02
.ugugcuuaa <u>cuuggGcuuga</u>	1	1	s02
.ugugcuuaa <u>cuuggacuugC</u>	1	1	s02
.ugugcuuaa <u>cuuggacuugaC</u>	1	1	s02
.ugugcuuaa <u>cuuggacuugaU</u>	23	1	s02
.ugugcuuaa <u>cuuggacuuUaa</u>	1	1	s02
.ugugcuuaa <u>cuuggacuugaG</u>	1	1	s02
.ugugcCuaa <u>cuuggacuugaa</u>	1	1	s02
.ugugcuuaa <u>cuuggGcuugaa</u>	3	1	s02
.ugugcuuaa <u>cuuggacuugGa</u>	4	1	s02
.ugugcuuaa <u>cuuggacuCgaa</u>	1	1	s02
.ugugcuuaa <u>cuuggacuugaa</u>	149	0	s02
.ugugcuuaa <u>cuuggaAuugaa</u>	1	1	s02
.ugugcuuaa <u>cuuggUcuugaau</u>	4	1	s02
.ugugcuuaa <u>cuCuggacuugaau</u>	11	1	s02
.ugugcuuCa <u>cuuggacuugaau</u>	4	1	s02
.ugugcuuUa <u>cuuggacuugaau</u>	2	1	s02
.ugugcuuG <u>cuuggacuugaau</u>	18	1	s02
.ugugcuuaa <u>cuuAgacuugaau</u>	11	1	s02
.uUugcuuaa <u>cuuggacuugaau</u>	2	1	s02
.uGAgcuuaa <u>cuuggacuugaau</u>	1	1	s02
.ugugcuuGau <u>cuuggacuugaau</u>	5	1	s02

Mature

Star

gcauguugaguaacaaguaaugugcuuaaaucuggacuugaauuuaauucaagagcugagauuaagucgccuacauguuacaucuaaucuugaguucuuaguaug

.....ugugcuuaa	aucu	ggga	Uu	ugaau	7	1	s02	
.....ugugcuuaa	aucu	ggCcu	ugaau	.....	1	1	s02	
.....uguAc	uu	aauc	u	ggacu	ugaau	2	1	s02	
.....uAug	cu	uaa	auc	u	ggacu	ugaau	10	1	s02
.....ugugcGua	aucu	ggacu	ugaau	.....	1	1	s02	
.....ugugcuuaa	aucu	ggacu	ugaG	.....	28	1	s02	
.....ugugcCua	aucu	ggacu	ugaau	.....	9	1	s02	
.....ugugcuuaa	aucu	ggacGuga	au	.....	5	1	s02	
.....ugugcuGaa	aucu	ggacu	ugaau	.....	6	1	s02	
.....ugugcuuaa	aucu	ggacu	ugGau	.....	31	1	s02	
.....ugugcuuaa	aucu	ggacu	ugCau	.....	3	1	s02	
.....ugugcuuaa	aucu	Cgacu	ugaau	.....	2	1	s02	
.....ugugcuuaa	auc	Guggacu	ugaau	.....	3	1	s02	
.....ugugcuuaa	aucu	ggacu	uCaau	.....	1	1	s02	
.....ugugcuuaa	aucu	ggacu	uAaau	.....	2	1	s02	
.....ugugcuuaa	aucu	gCacu	ugaau	.....	5	1	s02	
.....ugugcuuaa	aucu	ggacu	Cgaa	u	10	1	s02		
.....ugugcuuaa	auc	Augga	cu	ugaau	3	1	s02		
.....ugugcuuaa	aucu	ggGcu	ugaau	.....	27	1	s02	
.....Agugcuuaa	aucu	ggacu	ugaau	.....	16	1	s02	
.....ugugcuuaa	Gcu	ggacu	ugaau	.....	6	1	s02	
.....ugugcuuaa	aucu	ggacCuga	au	.....	20	1	s02	
.....ugugcuuaa	aucu	ggacu	ugaaA	.....	22	1	s02	
.....ugugcuCa	aucu	ggacu	ugaau	.....	6	1	s02	
.....ugugcuuaa	au	Guggacu	ugaau	.....	2	1	s02	
.....Ggugcuuaa	aucu	ggacu	ugaau	.....	6	1	s02	
.....ugugcuuaa	aucu	Cggacu	ugaau	.....	21	1	s02	
.....ugugcuuaa	Ccu	ggacu	ugaau	.....	12	1	s02	
.....ugugcuuaa	aucu	Gggacu	ugaau	.....	1	1	s02	
.....uguU	cu	uaa	aucu	ggacu	ugaau	2	1	s02	
.....ugugU	uaa	aucu	ggacu	ugaau	2	1	s02	
.....ugugcuuaa	aucu	ggacu	ugaCu	.....	11	1	s02	
.....ugugcuuaa	aucu	Ugacu	ugaau	.....	6	1	s02	
.....ugugcuuaa	aucu	gUacu	ugaau	.....	1	1	s02	
.....ugugcuuaa	aucu	ggacu	ugaUu	51	1	s02		
.....ugugcuuaa	aucu	ggacu	ugaaC	518	1	s02		
.....ugugcuuaa	aucu	gAacu	ugaau	7	1	s02		
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.....ugGcuuaa	aucu	ggacu	ugaau	2	1	s02		
.....ugugAuaa	aucu	ggacu	ugaau	1	1	s02		
.....ugugcuuaa	Acu	ggacu	ugaau	2	1	s02		
.....ugugcuuaa	aucu	ggacu	uUaa	u	1	1	s02		
.....ugugcuuaa	aucu	ggga	Au	ugaau	9	1	s02		
.....ugugcuuaa	aucu	Agga	cu	ugaau	5	1	s02		
.....ugugcuuaa	aucu	ggacu	ugaau	.....	4457	0	s02	
.....Cgugcuuaa	aucu	ggacu	ugaau	.....	25	1	s02	
.....ugugcuuaa	aucu	ggacu	ugaGu	.....	80	1	s02	
.....uCugcuuaa	aucu	ggacu	ugaau	.....	3	1	s02	
.....ugugcuuaa	aucu	ggga	Gu	ugaau	1	1	s02		
.....ugugcuua	Cuc	u	ggacu	ugaau	2	1	s02		
.....ugCgcuaa	aucu	ggacu	ugaau	.....	5	1	s02	
.....ugugcuuaa	aucu	ggac	Au	gaau	3	1	s02		
.....ugugcuuaa	aucu	ggacu	uU	au	1	1	s02		
.....ugugcuuaa	au	Uu	ggacu	ugaau	3	1	s02		
.....ugugcuuaa	aucu	ggGcu	ugaau	a	25	1	s02		
.....uguU	cu	uaa	aucu	ggacu	ugaau	1	1	s02	
.....ugugcuuaa	auc	Guggacu	ugaau	a	2	1	s02		
.....ugugcuuaa	aucu	gUacu	ugaau	a	7	1	s02		
.....ugugcuuaa	aucu	ggacu	ugCau	a	3	1	s02		
.....ugugcuuaa	aucu	ggacu	ugaau	a	6009	0	s02		
.....ugugcuuaa	aucu	ggac	Cg	aa	15	1	s02		
.....ugugcuCa	aucu	ggacu	ugaau	a	11	1	s02		
.....ugugcuuaa	aucu	ggac	Au	gaau	4	1	s02		
.....ugugcuu	Gaucu	ggacu	ugaau	a	12	1	s02		
.....ugugcuuaa	aucu	ggga	Au	gaau	4	1	s02		
.....ugugcuAa	aucu	ggacu	ugaau	a	11	1	s02		
.....Agugcuuaa	aucu	ggacu	ugaau	a	10	1	s02		
.....ugugcuuaa	au	Uu	ggacu	ugaau	4	1	s02		
.....ugugcuuaa	aucu	ggacu	Gg	aa	7	1	s02		
.....ugugcuuaa	Ccu	ggacu	ugaau	a	26	1	s02		

Mature

Star

gcAuguugaguaacaaguaaugugcuuaaaucuggacuugaauuuuaauuuaauucaagagcugagauuaagucgccucauguuacaucaucaaucuugagauucuuauaguaug

.....ugugcuuaaau	Ugacuugaaua.....	4	1	s02
.....ugugcuuaaau	cu <u>ggacuugaa</u> Ga.....	47	1	s02
.....Ggugcuuaaau	cu <u>ggacuuga</u> aa.....	14	1	s02
.....ugugcuuaaau	cuG <u>ggacuuga</u> aa.....	12	1	s02
.....uguCcuuaaau	cu <u>ggacuuga</u> aa.....	3	1	s02
.....ugugcuuaaau	cu <u>ggacuuga</u> aC.....	68	1	s02
.....ugugcuuaaau	cu <u>ggacu</u> Caaua.....	1	1	s02
.....ugugcAuaaau	cu <u>ggacuuga</u> aa.....	8	1	s02
.....ugugcuuaaau	cu <u>ggacuuga</u> aCa.....	20	1	s02
.....ugugcuuaaau	cu <u>ggacu</u> Aaaaua.....	12	1	s02
.....ugugcuuaaau	cu <u>ggacuuga</u> Cua.....	5	1	s02
.....ugugcuuaaau	Cu <u>ggacuuga</u> aa.....	13	1	s02
.....uguAcuuaaau	cu <u>ggacuuga</u> aa.....	6	1	s02
.....uAugcuuaaau	cu <u>ggacuuga</u> aa.....	7	1	s02
.....ugugcuuaaau	cu <u>ggacuuga</u> auU.....	623	1	s02
.....ugugcuuaaau	cuA <u>ggacuuga</u> aa.....	3	1	s02
.....ugugcuuaaau	cu <u>ggacuuga</u> aaAa.....	4	1	s02
.....ugugcuuaaau	cu <u>ggCcuuga</u> aa.....	3	1	s02
.....ugugcuGaaau	cu <u>ggacuuga</u> aa.....	6	1	s02
.....ugugcuuaaau	cu <u>ggacuug</u> Gaua.....	23	1	s02
.....ugugcuuaaau	cuG <u>ggacuuga</u> aa.....	2	1	s02
.....ugugUuaaau	cu <u>ggacuuga</u> aa.....	4	1	s02
.....ugugcuuaaau	cu <u>ggac</u> Gu <u>ga</u> aa.....	2	1	s02
.....ugugcuuaaau	cu <u>ggacu</u> U <u>aa</u> aa.....	6	1	s02
.....ugugcuuaaau	cu <u>ggUcuuga</u> aa.....	7	1	s02
.....ugCgcuuaaau	cu <u>ggacuuga</u> aa.....	18	1	s02
.....ugugcuuaaau	cu <u>ggacuug</u> U <u>aa</u>	5	1	s02
.....Cgugcuuaaau	cu <u>ggacuuga</u> aa.....	22	1	s02
.....ugugcuuaaau	cuuCg <u>acuuga</u> aa.....	4	1	s02
.....ugugcuuaaau	cuuA <u>gacuuga</u> aa.....	19	1	s02
.....ugugcuuaGucu	u <u>ggacuuga</u> aa.....	11	1	s02
.....ugugAuuaaau	cu <u>ggacuuga</u> aa.....	3	1	s02
.....ugugcuuaaau	Gu <u>ggacuuga</u> aa.....	1	1	s02
.....uUugcuuaaau	cu <u>ggacuuga</u> aa.....	6	1	s02
.....ugugcuuaaau	cu <u>ggacuuga</u> U <u>aa</u>	58	1	s02
.....ugugcCuuaaau	cu <u>ggacuuga</u> aa.....	15	1	s02
.....ugugcuuCaucu	u <u>ggacuuga</u> aa.....	7	1	s02
.....ugugcuuaaau	cu <u>ggacuuga</u> auG.....	74	1	s02
.....ugAgcuuaaau	cu <u>ggacuuga</u> aa.....	1	1	s02
.....ugGgcuuaaau	cu <u>ggacuuga</u> aa.....	6	1	s02
.....ugugcGuuaaau	cu <u>ggacuuga</u> aa.....	3	1	s02
.....ugugcuuaaau	cu <u>ggacu</u> A <u>ga</u> aa.....	2	1	s02
.....ugugcuuaaGcu	u <u>ggacuuga</u> aa.....	7	1	s02
.....ugugcuuaaau	cu <u>ggacu</u> Cg <u>aa</u> aa.....	28	1	s02
.....ugugcuuaaau	Au <u>ggacuuga</u> aa.....	2	1	s02
.....ugugcuuaaau	Cu <u>ggacuuga</u> aa.....	4	1	s02
.....ugugcuuaaau	cuuG <u>acuuga</u> aa.....	2	1	s02
.....ugugcuuaaau	cuuG <u>acuuga</u> Gua.....	21	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> aa.....	4	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> aa.....	2	1	s02
.....ugugcuuU <u>aa</u> cu	u <u>ggacuuga</u> aa.....	2	1	s02
.....Agugcuuaaau	cu <u>ggacuuga</u> auu.....	1	1	s02
.....ugugcuuG <u>aa</u> cu	u <u>ggacuuga</u> auu.....	1	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> auu.....	3	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> au.....	1	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> au.....	2	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> au.....	1	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> auC.....	23	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> au.....	94	0	s02
.....ugugcuuaaau	cuuG <u>aa</u> auG.....	1	1	s02
.....ugugcuuaGucu	u <u>ggacuuga</u> au.....	1	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> au.....	2	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> au.....	18	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> au.....	1	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> auA.....	16	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> auAu.....	4	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> auUuu.....	1	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> auuu.....	6	0	s02
.....ugugcuuaaau	cuuG <u>aa</u> auuuA.....	13	1	s02
.....ugugcuuaaau	cuuG <u>aa</u> auuuuu.....	2	0	s02

Star

gcauguuugaguaacaaguaa	ugugcuuaaauucuggacuugaaua	uuuaaauu	uucaagagcgagauuaagugcg	cuacauguuacaucauaauucuuugaguucuuauaguaug			
.....gugcuuaaauucuggacuugG.....					1	1	s02
.....gugcuuaaauucuggacuugaa.....					1	0	s02
.....gugcuuaaauucuggacuugaau.....					34	0	s02
.....gugcuuaaauucuuUgacuugaau.....					1	1	s02
.....gugcuuaaauucuggacuugaaG.....					2	1	s02
.....gugcuuaaauucuggaGuugaau.....					1	1	s02
.....gugcuuaaauucuggGcuugaau.....					1	1	s02
.....gugcuuaaauucuggacuugaaC.....					2	1	s02
.....gugUuaaauucuggacuugaaua.....					1	1	s02
.....gugcuuGaucuuggacuugaaua.....					1	1	s02
.....gugcuuaaauucuggacuugUaua.....					1	1	s02
.....gugcuuaaauucuggacuugaauU.....					11	1	s02
.....gugcuuaaauucuggacuugaaCa.....					4	1	s02
.....gugcuuaaauucuggacuugaaua.....					145	0	s02
.....gugcuuaaauucuggacuugaaGa.....					3	1	s02
.....gugcuuaaauucugAacuugaaua.....					1	1	s02
.....gugcuuaaauucuggaGuugaaua.....					1	1	s02
.....Augcuuaaauucuggacuugaaua.....					2	1	s02
.....gugcuuaaauucuggacuugaauau.....					6	0	s02
.....gugcuuaaauucuggacuugaauauA.....					3	1	s02
.....gugcuuaaauucuggacuugaauauAu.....					1	1	s02
.....gugcuuaaauucuggacuugaauauuuuaaua.....					1	0	s02
.....ugcuuaaauucuggacuuga.....					1	0	s02
.....ugcuuaaauucuggacuugaa.....					1	1	s02
.....ugcuuaaauucuggacuugaau.....					29	0	s02
.....ugcuuaaauucuggacuugaaC.....					1	1	s02
.....ugcuuaaauucuggacuugaCu.....					1	1	s02
.....ugcuuaaauucuggacuugaGu.....					1	1	s02
.....ugUuaaauucuggacuugaaua.....					1	1	s02
.....ugcuuaUucuggacuugaaua.....					1	1	s02
.....ugcuuaaauucuggacuugaaua.....					239	0	s02
.....ugcuuaaauucuggacuugaaCa.....					2	1	s02
.....ugcuuaaauucuggacCugaaua.....					1	1	s02
.....ugcuuaaauucuggacuugaauU.....					10	1	s02
.....ugcuuaaauucuggacuAgaaua.....					1	1	s02
.....ugcuuaaauucuggacuugaaGa.....					3	1	s02
.....ugcuuaaauucuggacuugaauG.....					2	1	s02
.....ugcuuaaauucuggacuugaGua.....					1	1	s02
.....ugcuuaaauucuggGcuugaaua.....					1	1	s02
.....ugcuuaaauucCuggacuugaaua.....					1	1	s02
.....Agcuuaaauucuggacuugaaua.....					2	1	s02
.....Cgcuuaaauucuggacuugaaua.....					2	1	s02
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.....ugcuuaaauucuggacuugGaua.....					3	1	s02
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.....uuauucuggacuugaaua.....					3	0	s02
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.....uaauucuggacuugaauau.....					2	0	s02
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.....Cuucaagagcgagauuaagucgcc.....					3	1	s02
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.....uucaagagcgagauuaU.....					51	1	s02
.....uucaagagcgagauuaa.....					36	0	s02
.....uucaagagcgagauuaG.....					4	1	s02
.....uucaagagcgagauCuaa.....					1	1	s02
.....uucaagagcgagauuGag.....					1	1	s02
.....uucaagagcgagauuaaU.....					4	1	s02
.....Cucaagagcgagauuaag.....					2	1	s02
.....uucaagagcgagauuaGg.....					1	1	s02
.....uucaagagcgagauuaaC.....					3	1	s02
.....uucaagagcgagauCaag.....					1	1	s02
.....uucaagagcgagauuaag.....					292	0	s02
.....uucGagagcgagauuaag.....					2	1	s02
.....uucaagGgagagauuaag.....					2	1	s02

Mature

Star

gcauguugaguaacaaguaaauugugcuuaaucuuggacugaaauuuuaauuucaagagcugagauuaagucgcucacauguuacaucauauucuuugagauucuuauuagauug

.uucaagagcugGgauuaag.....	1	1	s02
.uGcaagagcugagauuaag.....	1	1	s02
.uucaagagcCGagauuaag.....	1	1	s02
.uucaagagcGgagauuaag.....	1	1	s02
.uucaagagcugagUuuuag.....	1	1	s02
.uAcaagagcugagauuaag.....	1	1	s02
.uucaUgagcugagauuaag.....	1	1	s02
.Cucaagagcugagauuaagu.....	2	1	s02
.uucaagagcugagauuaagG.....	1	1	s02
.uucaagagcugaCauuaagu.....	1	1	s02
.Gucaagagcugagauuaagu.....	2	1	s02
.uucaagagcugGgauuaagu.....	1	1	s02
.uucaagagcugagauuaagA.....	20	1	s02
.uucaagaUcugagauuaagu.....	3	1	s02
.uucaagagcugagUuuuag.....	1	1	s02
.uucaagagcugagauuaUgu.....	1	1	s02
.uucaagagcugagCuuuagu.....	1	1	s02
.uucaagCgcugagauuaagu.....	1	1	s02
.uucGagagcugagauuaagu.....	1	1	s02
.uucaagagcugagauuaagC.....	69	1	s02
.uucaagagcugagauuGagu.....	1	1	s02
.Aucaagagcugagauuaagu.....	2	1	s02
.uucaUgagcugagauuaagu.....	1	1	s02
.uucaagagcCGagauuaagu.....	2	1	s02
.uucaagGgcugagauuaagu.....	1	1	s02
.uucaagagcugagauuaCgu.....	1	1	s02
.uucaagagcugagauuaGgu.....	7	1	s02
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.uucaagagcugagauuaaAu.....	1	1	s02
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.uucaagagcGgagauuaagu.....	1	1	s02
.uucaagagcugagGuuuaagu.....	2	1	s02
.uucaagagcugagauuaaguU.....	40	1	s02
.uucaCgagcugagauuaaguc.....	1	1	s02
.uucaagagcCGagauuaaguc.....	2	1	s02
.uucaagagcugagauuaagGc.....	1	1	s02
.uucaagagcugagauuaagCc.....	1	1	s02
.uucaagagcugagauuaaguA.....	6	1	s02
.uucaagaAcugagauuaaguc.....	4	1	s02
.uucaagagcugagauCaaguc.....	1	1	s02
.uucGagagcugagauuaaguc.....	2	1	s02
.uucaagagcugGgauuaaguc.....	1	1	s02
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.Aucaagagcugagauuaaguc.....	1	1	s02
.uucaagagcugagauuaaguc.....	271	0	s02
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.uucaagagcugagauuaaUuc.....	2	1	s02
.uucaagagcugagauuaGguc.....	1	1	s02
.uucaagagcugagGuuuaaguc.....	1	1	s02
.uucaagagcugagauuaagucU.....	1	1	s02
.uucaagagcugagauuaagucA.....	21	1	s02
.uAcaagagcugagauuaagucg.....	1	1	s02
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.uucaagagcugagauCaagucgc.....	2	1	s02
.uucaagagcugagauGaagucgc.....	2	1	s02
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.uucaagCgcugagauuaagucgc.....	1	1	s02
.uucaagagcugaAuuaagucgc.....	1	1	s02
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.uucaagagcugagauuaaguUgc.....	1	1	s02
.uucaagagcugGgauuaagucgc.....	5	1	s02
.uucaagagcugagauuaaguAgc.....	1	1	s02
.uucaagagcugagauuaagucUc.....	1	1	s02
.uucaagagcugagauAaagucgc.....	1	1	s02
.uucaagagcugagauuaagucgc.....	517	0	s02

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauauuuaauauucaagagcugagauuaagucgccuacauguuacaucauaaucuucugagauuuuuuagauag

.....uucaagagcugagauuaagCcgC.....	1	1	s02
.....uucaagagcAgagauuaagucgc.....	2	1	s02
.....uucaagagcugagauuaagucgA.....	43	1	s02
.....uucaagagcugagagaCuaagucgc.....	2	1	s02
.....uucaagagcugagauuaUgucgc.....	1	1	s02
.....uucaagagcugagauuaagucgG.....	3	1	s02
.....uCcaagagcugagauuaagucgc.....	1	1	s02
.....uucaagagcugagauuaagucAc.....	2	1	s02
.....Gucaagagcugagauuaagucgc.....	3	1	s02
.....uucGagagcugagauuaagucgc.....	1	1	s02
.....uucaagagcCgagauuaagucgc.....	3	1	s02
.....uucaagaAcugagauuaagucgc.....	1	1	s02
.....uucaagagcugagUuuagucgc.....	1	1	s02
.....uucaagGgcugagauuaagucgc.....	1	1	s02
.....uucaagagcugagauuGagucgc.....	1	1	s02
.....Cucaagagcugagauuaagucgc.....	2	1	s02
.....uucaGgagcugagauuaagucgc.....	3	1	s02
.....uucaagagcugagauuaagucCc.....	2	1	s02
.....uucaagagcugagauuaGgucgc.....	3	1	s02
.....uAcaagagcugagauuaagucgcc.....	2	1	s02
.....uGcaagagcugagauuaagucgcc.....	1	1	s02
.....uucaagagcugagauCaagucgcc.....	1	1	s02
.....uCcaagagcugagauuaagucgcc.....	5	1	s02
.....uucaagagcugagauuaagucAcc.....	3	1	s02
.....uucaagagcugagauuGagucgcc.....	6	1	s02
.....uucaagagcugagauuaGgucgcc.....	5	1	s02
.....uucaagagcugagagaCuaagucgcc.....	1	1	s02
.....uucaagagcugagauuUagucgcc.....	2	1	s02
.....Gucaagagcugagauuaagucgcc.....	2	1	s02
.....Cucaagagcugagauuaagucgcc.....	3	1	s02
.....uucaagagcuCagauuaagucgcc.....	1	1	s02
.....uucaagagcugagauuaagucgcG.....	19	1	s02
.....uucaagaAcugagauuaagucgcc.....	1	1	s02
.....uucaagagcugagauuaaguAgcc.....	3	1	s02
.....uucaagagUugagauuaagucgcc.....	2	1	s02
.....uucaagagcugagauuaagCcgcc.....	1	1	s02
.....uucaagagcugagGuuaagucgcc.....	6	1	s02
.....uucaagGgcugagauuaagucgcc.....	3	1	s02
.....uucaagagcugagauuaagucUcc.....	2	1	s02
.....Aucaagagcugagauuaagucgcc.....	1	1	s02
.....uucaagagcugagauuaagucgcA.....	330	1	s02
.....uucaagagcugagauuaagucgcc.....	942	0	s02
.....uucaagagcugaUauuaagucgcc.....	1	1	s02
.....uucaagagcugGgauuaagucgcc.....	2	1	s02
.....uucaagagcugaCauuaagucgcc.....	1	1	s02
.....uucaaAagcugagauuaagucgcc.....	4	1	s02
.....uucaGgagcugagauuaagucgcc.....	1	1	s02
.....uucGagagcugagauuaagucgcc.....	2	1	s02
.....uucaagagcugagauuaagAcgcc.....	1	1	s02
.....uucaagagcugagauuaagucgcU.....	479	1	s02
.....uucaagagcugagauAaagucgcc.....	1	1	s02
.....uucaagagGugagauuaagucgcc.....	1	1	s02
.....uucaagagcugagauuaaguUgcc.....	3	1	s02
.....uucUagagcugagauuaagucgcc.....	1	1	s02
.....uucaagagcCgagauuaagucgcc.....	2	1	s02
.....uucaagagcugagCuuaagucgcc.....	2	1	s02
.....uucaagagcuAagauuaagucgcc.....	1	1	s02
.....uucaagagcugagauuaagucgcAu.....	3	1	s02
.....uucaagagcugagauuaagucgccA.....	58	1	s02
.....uucaagagcugagauuaagucgccu.....	22	0	s02
.....uucaagagcugagauuaagucgccG.....	1	1	s02
.....Cucaagagcugagauuaagucgccu.....	1	1	s02
.....uucaagagcugagauuaagucgccC.....	7	1	s02
.....uucaGgagcugagauuaagucgccu.....	2	1	s02
.....uucaagagcugagauuaagucgccua.....	2	0	s02
.....uucaagagcugagauuaagucgcAu.....	4	1	s02
.....ucaagagcugagauuaag.....	3	0	s02
.....ucaGgagcugagauuaag.....	1	1	s02
.....ucaagagcugagauuaagC.....	1	1	s02
.....ucaagagcugagauuaagu.....	5	0	s02

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gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaauaucaagagcugagauuaagucgccuacauguuacaucauaaucuucugagauuuauagauag

.....ucaagagcugagauuaaguaA.....	1	1	s02
.....ucaagagcugagauuaaguc.....	6	0	s02
.....ucaagagcugagauuaaguU.....	1	1	s02
.....ucaagagcugagauuaagucg.....	1	0	s02
.....ucaagagcugagauuaagucA.....	1	1	s02
.....ucaagagcugagauuaagucgc.....	17	0	s02
.....ucaagagcugagauuaagucgU.....	7	1	s02
.....ucaagGgcugagauuaagucgc.....	1	1	s02
.....ucaagagcugagauuaagucgA.....	1	1	s02
.....ucGagagcugagauuaagucgcc.....	1	1	s02
.....ucaagagcugagauuaagucgcc.....	2	1	s02
.....ucaagagcugagUuuuagucgcc.....	1	1	s02
.....ucaagagcugagGuuuaagucgcc.....	1	1	s02
.....ucaagagcugGgauuaagucgcc.....	2	1	s02
.....ucaagagAugagauuaagucgcc.....	1	1	s02
.....ucCagagcugagauuaagucgcc.....	1	1	s02
.....ucaagagcugagauuaagAcgcc.....	1	1	s02
.....ucaagGgcugagauuaagucgcc.....	4	1	s02
.....ucaagagcugagauuaagucgcA.....	60	1	s02
.....ucaagagcugagauuaagucgUc.....	3	1	s02
.....ucaagagcugagauuaaUucgcc.....	1	1	s02
.....ucaagagcugagauuaagucgcU.....	389	1	s02
.....ucaagagGugagauuaagucgcc.....	2	1	s02
.....ucaagagcugaAuuuagucgcc.....	1	1	s02
.....ucaagagcugagauuaaAucgcc.....	1	1	s02
.....ucaagagcuUagauuaagucgcc.....	2	1	s02
.....ucaagagUugagauuaagucgcc.....	3	1	s02
.....ucaagagcugagauuaaguGgcc.....	1	1	s02
.....ucaagagcugagauuaaguUgcc.....	3	1	s02
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.....ucaagagcugagauuaagucAcc.....	2	1	s02
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.....ucaagagcugagauuaagucgcG.....	8	1	s02
.....ucaagagcugagauuaagucgGc.....	1	1	s02
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.....ucaagagcugagaGuaagucgcc.....	3	1	s02
.....ucaagaCcugagauuaagucgcc.....	1	1	s02
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.....ucaagagcugagauuaGgucgcc.....	3	1	s02
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.....ucaagagcCgagauuaagucgcc.....	4	1	s02
.....Ccaagagcugagauuaagucgcc.....	5	1	s02
.....ucaagagcGgagauuaagucgcc.....	1	1	s02
.....ucaagagcugagauuaagucgccA.....	2	1	s02
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.....caagagcugagauuaaguA.....	1	1	s02
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.....caagagcugagGuuuaagucgc.....	1	1	s02
.....caagagcugagauuaagucgU.....	1	1	s02
.....caagagcuAagauuaagucgcc.....	1	1	s02
.....caagGgcugagauuaagucgcc.....	1	1	s02
.....caagagcugGauuaagucgcc.....	1	1	s02
.....caagagcugaguuGagucgcc.....	1	1	s02
.....Uaagagcugagauuaagucgcc.....	2	1	s02
.....caagagcugagauuaagucgcA.....	17	1	s02
.....caagagcugGgauuaagucgcc.....	3	1	s02
.....caagagcugagauuaUgucgcc.....	1	1	s02
.....caagagcugagauuaagucgcU.....	148	1	s02
.....caagagcugagauuaaUucgcc.....	1	1	s02
.....caagagcugagauuaagucgcc.....	262	0	s02
.....caagagcugagauCaagucgcc.....	1	1	s02
.....caagagcugagauuaagCcgcc.....	1	1	s02
.....caagagcugUgauuaagucgcc.....	1	1	s02
.....caagUgcugagauuaagucgcc.....	1	1	s02
.....caagagcugagauuaGgucgcc.....	2	1	s02
.....caagagcugagauGaagucgcc.....	1	1	s02
.....caagagcugagauuaagucgccu.....	1	0	s02
.....aagagcugagauuaaguc.....	1	0	s02

Mature

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gcauguugaguaacaaguaa <u>ugugcuuaa</u> cu <u>uggacuuga</u> auuuu <u>aa</u> ua <u>uucaagagcugagauuaagucgc</u> cuacauguuacaucau <u>aaucuu</u> cu <u>ugagauucuu</u> au <u>ag</u> uaug			
.....aagagcCgagauuaaguc.....	1	1	s02
.....aagagcugagauuaagucAc.....	1	1	s02
.....aagagcugagauuaagucgcc.....	5	0	s02
.....aagagcugagauuaagucgcU.....	2	1	s02
.....agagcugagauuaagucgcA.....	1	1	s02
.....uacauguuacaucau <u>aaucuu</u> uu.....	3	0	s02
.....uacauguuacaucau <u>aaucGucuu</u>	2	1	s02
.....ugugcuuaa <u>ucuu</u> Agacu.....	1	1	s10
.....ugugcuuaa <u>ucuu</u> Agacuug.....	9	1	s10
.....ugugcuuaa <u>ucuu</u> Agacuuga.....	25	1	s10
.....ugugcuuaa <u>ucuu</u> Agacuugaa.....	24	1	s10
.....ugugcuuaa <u>ucuu</u> uggacuugaau.....	2	0	s10
.....ugugcuuaa <u>ucuu</u> Agacuugaau.....	277	1	s10
.....ugugcuuaa <u>ucuu</u> uggacuugaauU.....	1	1	s10
.....ugugcuuaa <u>ucuu</u> Cgacuugaaua.....	2	1	s10
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.....ugugcuuaa <u>ucuu</u> Agacuugaauu.....	10	1	s10
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.....gugcuuaa <u>ucuu</u> Agacuugaau.....	6	1	s10
.....gugcuuaa <u>ucuu</u> Agacuugaaua.....	14	1	s10
.....gugcuuaa <u>ucuu</u> Agacuugaauu.....	1	1	s10
.....ugcuuaa <u>ucuu</u> Agacuugaau.....	3	1	s10
.....ugcuuaa <u>ucuu</u> Agacuugaaua.....	17	1	s10
.....uaauuu <u>ucaagagcugagauua</u> aguc.....	2	0	s10
.....uucaagagcugagauuaU.....	11	1	s10
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.....uucaagagcugagauuaagA.....	2	1	s10
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.....Cucaagagcugagauuaagu.....	1	1	s10
.....uucaagagcCgagauuaagu.....	1	1	s10
.....uucaagaAcugagauuaagu.....	1	1	s10
.....uucaagagcugagauuaagC.....	5	1	s10
.....uucaagagcugagauuaaguc.....	27	0	s10
.....uucaagGgcugagauuaaguc.....	1	1	s10
.....uucaagagcugagauuGaguc.....	1	1	s10
.....uucaagagcuUagauuaaguc.....	1	1	s10
.....uucaagagcugagauuaaguU.....	2	1	s10
.....uucaagagcugagauuaagCc.....	1	1	s10
.....uucaagagcugagauuaagucA.....	1	1	s10
.....uucaagagcugagauuaagucg.....	7	0	s10
.....uucaagagcugagauuaagucgc.....	173	0	s10
.....uucaagaAcugagauuaagucgc.....	1	1	s10
.....uucaagagcugagauuaGgucgc.....	1	1	s10
.....uucaagagcugagaGuaagucgc.....	1	1	s10
.....uucaagagcugagUuuuagucgc.....	1	1	s10
.....uucaagagcugagauGaaucgc.....	1	1	s10
.....uucaagGgcugagauuaagucgc.....	3	1	s10
.....uucaagagcugaAuuuagucgc.....	1	1	s10
.....uucaagagcugagauuaagucgA.....	11	1	s10
.....uucaagagcugagauuaagCgc.....	2	1	s10
.....uucaagagcugagauuaagucgG.....	3	1	s10
.....uucaagagcugagauuaagucgU.....	70	1	s10
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.....Cucaagagcugagauuaagucgc.....	2	1	s10
.....uucaagagcugagauCaagucgcc.....	2	1	s10
.....uucaagagcugagauuaagucgcc.....	188	0	s10
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.....uucaagagcugagauuaagucgcG.....	4	1	s10
.....uucaagagcugagCuuaagucgcc.....	1	1	s10
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.....uCaagagcugagauuaagucgcc.....	1	1	s10
.....uucaagagcugagauuaagucCcc.....	1	1	s10

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaaauucaagagcugagauuaagucgccuacauguuacaucuaaucuucugagauucuuuaguaug

.uucGagagcugagauuaagucgcc	1	1	s10
.uucaagagcugagauuaaguAgcc	1	1	s10
.uucaagagcugagauuaagucgcAu	2	1	s10
.uucaagagcugagauuaagucgccC	2	1	s10
.uucaagagcugagauuaagucgccu	3	0	s10
.uucaagagcugagauuaagucgccA	7	1	s10
.uucaagagcugagauuaagucgcAua	1	1	s10
.uucaagagcugagauuaagucgccua	2	0	s10
.ucaagagcugagauuaagu	4	0	s10
.ucaagagcugagauuaaguc	1	0	s10
.ucaagagcugagauuaagucgc	4	0	s10
.ucaagagcugagauuaagucgA	3	1	s10
.ucaagagcugagGuuaagucgcc	1	1	s10
.ucaagagcugagauGaagucgcc	1	1	s10
.ucaagagcugagauuaagucgcU	21	1	s10
.ucaagagUugagauuaagucgcc	2	1	s10
.ucaagagcugagauuaagucgcA	7	1	s10
.Acaagagcugagauuaagucgcc	1	1	s10
.ucaagagcugagauuaagucgcc	63	0	s10
.ucaagagcugagauuaagucgcAu	1	1	s10
.caagagcugGgauuaagucgcc	1	1	s10
.caagagcugagauuaagucgcA	2	1	s10
.caagagcugagauuaagucgcU	4	1	s10
.caagagcugagGuuaagucgcc	3	1	s10
.caagagcugagauuaagucgcUc	1	1	s10
.caagagcugagauuaagucgcc	4	0	s10
.ugugcuuaa <u>uc</u> uuggacuug	3	0	s01
.ugugUuu <u>aa</u> uc <u>u</u> uggacuuga	1	1	s01
.ugugcuuaa <u>uc</u> uuggacuuga	7	0	s01
.ugugcuuaa <u>uc</u> uuggacuugaG	3	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaGu	4	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaUu	4	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaaC	2	1	s01
.ugugcuuCa <u>uc</u> uuggacuugaau	1	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaau	16	0	s01
.ugugcuuaa <u>uc</u> uuggacuugaaCa	3	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaGua	13	1	s01
.ugugcuuaa <u>uc</u> uuAgacuugaaua	5	1	s01
.ugugcuuaa <u>uc</u> uuggaUuugaaua	1	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaauG	1	1	s01
.uAugcuuaa <u>uc</u> uuggacuugaaua	1	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaUua	1	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaaua	57	0	s01
.ugugcuuaaG <u>cu</u> uuggacuugaaua	1	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaauu	2	0	s01
.ugugcuuaa <u>uc</u> uuggacuugaauuau	1	1	s01
.ugugcuuaa <u>uc</u> uuggacuugaauuu	3	0	s01
.ugugcuuaa <u>uc</u> uuggacuugaauuuuuu	1	0	s01
.gugcuuaa <u>uc</u> uuggacuug	1	0	s01
.gugcuuaa <u>uc</u> uuggacuugaau	1	0	s01
.gugcuuaa <u>uc</u> uuggacuugaGu	1	1	s01
.gugcuuaa <u>uc</u> uuggacuugaaua	8	0	s01
.gugcuuaa <u>uc</u> uuggacuugaGua	5	1	s01
.ugcuuaa <u>uc</u> uuggacuugaGu	1	1	s01
.ugcuuaa <u>uc</u> uuggacuugaGua	4	1	s01
.ugcuuaa <u>uc</u> uuggacuugaaua	3	0	s01
.uucaagagcugagauuaag	11	0	s01
.uucaagagcugagauuaagu	12	0	s01
.uucaagagcugagauuaagA	2	1	s01
.uucaagagcugagauuaaguA	1	1	s01
.uucaagagcugagauuaaguc	4	0	s01
.uucaagagcugagauuaagucg	1	0	s01
.uucaagagcugagauuaagucgU	8	1	s01
.Aucaagagcugagauuaagucgc	2	1	s01
.uucaagagcugagauuaagucgA	3	1	s01
.uucaagagcugagauuaagucgc	20	0	s01
.uucaagagcugagauuaagucgcc	5	0	s01
.uucaagagcugagauuaagucgcA	9	1	s01
.Aucaagagcugagauuaagucgcc	1	1	s01

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.....ucaagagcugagauuaagucgcA.....	1	1	s01
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.....Agugcuuaaauucuggacuugaau.....	1	1	s17
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.....ugugAuuaaauucuggacuugaau.....	5	1	s17
.....ugugcuuaaauucuggacuugaaG.....	5	1	s17
.....ugugcuuaaauucuggacuugaaA.....	1	1	s17
.....ugugcuuaaauucuggacuugGau.....	1	1	s17
.....ugugcuuaaauucuggacuugaGu.....	1	1	s17
.....ugugcuuaaauucuggacuugaaC.....	14	1	s17
.....ugugcuuaaauucuggacuCgaau.....	1	1	s17
.....ugugcuCaaauucuggacuugaau.....	1	1	s17
.....ugugcuuaaauucuggacuugaaGa.....	1	1	s17
.....Cgugcuuaaauucuggacuugaaua.....	1	1	s17
.....ugugcuuaaauucuggacuugaauG.....	1	1	s17
.....ugugcuuaaauucuggacuugaaCa.....	1	1	s17
.....Ggugcuuaaauucuggacuugaaua.....	1	1	s17
.....ugugcuuaaauucCggacuugaaua.....	2	1	s17
.....ugugcuuaaauucuggacuCgaaua.....	1	1	s17
.....ugugcuuaaauucuggacuugaaua.....	99	0	s17
.....ugugcAuuaauucuggacuugaaua.....	1	1	s17
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.....ugugcuuaaauucuggacuugaauU.....	17	1	s17
.....ugugcuuaaauucuggacuugaauau.....	1	0	s17
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.....gugcuuaaauucuggacuugaau.....	2	0	s17
.....gugcuuaaauucuggacuugaaua.....	6	0	s17
.....ugcuuaaauucuggacuugaau.....	1	0	s17
.....ugcuuaaauucuggacuugaaua.....	3	0	s17
.....ugcuuaaauucuggacuugaauU.....	1	1	s17
.....uucaagagcugagauuaa.....	2	0	s17
.....uucGagagcugagauuaa.....	1	1	s17
.....uucaagagcugagauuaag.....	1	0	s17
.....uucaagagcugagauuaagu.....	7	0	s17
.....uucaagagcugagauuaaguc.....	7	0	s17
.....uucaGgagcugagauuaagucgc.....	1	1	s17
.....uucaagagcugagauuaagucgc.....	39	0	s17
.....uucaagagcugagauGaaagucgc.....	2	1	s17
.....uucaagaAcugagauuaagucgc.....	1	1	s17
.....uucaagagcugagauuaagucgA.....	6	1	s17
.....uucaagagcugagauuaagucgU.....	20	1	s17
.....uucaagagcugagauuaagucgcU.....	19	1	s17
.....uucaagagcugagauuaagucgcc.....	32	0	s17
.....uucaagagcugagauuaagucgcA.....	9	1	s17
.....uucaagagcGgagauuaagucgcc.....	2	1	s17
.....uucaagagcugagauuaagucgcG.....	2	1	s17
.....uucaagagcugagauuaagucgccA.....	1	1	s17
.....ucaagagcugagauuaagucgA.....	1	1	s17
.....ucaagagcugagauuaagucgcU.....	2	1	s17
.....ucaagagcugagauuaagucgcc.....	6	0	s17
.....ucaagagcugagauuaagucgccu.....	1	0	s17
.....ugugcuuaaauucuggacu.....	2	0	s12
.....ugugcuuaaauucuggacC.....	1	1	s12
.....ugugcuuaaauucuuAgacu.....	2	1	s12
.....ugugcuuaaauucuggacuua.....	2	1	s12
.....ugugcuuaaauucuggacuug.....	4	0	s12
.....ugugcuuaaauucuuAgacuug.....	2	1	s12
.....ugugcuuaaauucuggaAuuga.....	1	1	s12
.....ugugcuCaaauucuggacuuga.....	1	1	s12
.....ugugcuGaaauucuggacuuga.....	1	1	s12

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gcauguugaguaacaaguaaugugcuuaaaucuggacuugaauuuaauucaagagcugagauuaagucgccuacauguuacaucuaaucuucuugaguuuuauaguaug

.....ugugcuuaa	aucuuAgacuuga.	13	1	s12
.....ugugcuuaa	aucu <u>ggacuug</u> U.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> .	25	0	s12
.....ugugcuuaa	aucuuAgacuugaa.	15	1	s12
.....ugugcuuaa	aucu <u>ggacuugaa</u> .	15	0	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> G.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> U.	1	1	s12
.....ugugcuuaa	aucu <u>ggGcuuga</u> au.	8	1	s12
.....ugugcuuaa	aucu <u>ggacAuga</u> au.	1	1	s12
.....ugugcu	Caa <u>ucug</u> gacuugaau.	1	1	s12
.....ugugcuuaa	aucuuCgacuugaau.	2	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> Uu.	5	1	s12
.....ugGcuuaa	aucu <u>ggacuuga</u> au.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> G <u>u</u> .	15	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> aC.	116	1	s12
.....uUugcuuaa	aucu <u>ggacuuga</u> au.	1	1	s12
.....ugugcuuaa	aucu <u>gggaUu</u> ugaau.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> aA.	8	1	s12
.....ugugcuuaa	aucu <u>ggCcu</u> ugaau.	1	1	s12
.....Cgugcuuaa	aucu <u>ggacuuga</u> au.	3	1	s12
.....ugugcuuaa	aucu <u>ggCacu</u> ugaau.	1	1	s12
.....ugugcuuaa	aucC <u>uggacu</u> ugaau.	4	1	s12
.....ugugcuuaa	auG <u>uggacu</u> ugaau.	1	1	s12
.....ugugcAuaa	aucu <u>ggacuuga</u> au.	2	1	s12
.....ugGcuuaa	aucu <u>ggacuuga</u> au.	5	1	s12
.....ugugcuuaa	aucu <u>ggacuuU</u> aa.	1	1	s12
.....ugugcuuaa	aucu <u>ggacGuga</u> au.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuGga</u> au.	1	1	s12
.....ugugcu	Gaa <u>ucug</u> gacuugaau.	3	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> au.	977	0	s12
.....uAugcuuaa	aucu <u>ggacuuga</u> au.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuugG</u> au.	10	1	s12
.....ugugcCuaa	aucu <u>ggacuuga</u> au.	3	1	s12
.....ugugcuuaa	C <u>uug</u> gacuugaau.	2	1	s12
.....Ggugcuuaa	aucu <u>ggacuuga</u> au.	1	1	s12
.....ugugcuuaa	aucu <u>gggaGu</u> ugaau.	1	1	s12
.....ugugcuuaa	aucuuUgacuugaau.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuGga</u> au.	4	1	s12
.....ugugcuua	G <u>cuug</u> gacuugaau.	3	1	s12
.....ugugcuAaa	aucu <u>ggacuuga</u> au.	3	1	s12
.....ugugcuuaa	aucuC <u>ggacu</u> ugaau.	1	1	s12
.....ugugcuu	Gaa <u>ucug</u> gacuugaau.	5	1	s12
.....ugugcGuaa	aucu <u>ggacuuga</u> au.	1	1	s12
.....ugugcuua	C <u>cuug</u> gacuugaau.	1	1	s12
.....ugugAuuaa	aucu <u>ggacuuga</u> au.	2	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> aG.	6	1	s12
.....ugugcuuaa	aucuuAgacuugaau.	317	1	s12
.....Ggugcuuaa	aucu <u>ggacuuga</u> aua.	2	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> aCa.	4	1	s12
.....ugugcuuaa	aucuugUacuugaaua.	1	1	s12
.....ugugUuaa	aucu <u>ggacuuga</u> aua.	3	1	s12
.....ugugcuuaa	uu <u>ggacuuga</u> aua.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuAga</u> aua.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuCga</u> aua.	2	1	s12
.....ugugcu	Gaa <u>ucug</u> gacuugaaua.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> Uua.	4	1	s12
.....ugugcuuaa	C <u>cuug</u> gacuugaaua.	2	1	s12
.....Agugcuuaa	aucu <u>ggacuuga</u> aua.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> auG.	10	1	s12
.....ugugcuuaa	aucu <u>ggCcu</u> ugaaua.	1	1	s12
.....ugugcuuaa	aucu <u>ggacGuga</u> aua.	1	1	s12
.....ugugcuuaa	aucu <u>ggacuugG</u> aua.	2	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> auC.	18	1	s12
.....ugugcuuaa	aucu <u>ggacAuga</u> aua.	1	1	s12
.....ugugcuuaa	aucuG <u>ggacu</u> ugaaua.	2	1	s12
.....ugugcuuaa	aucu <u>ggacuuga</u> auU.	111	1	s12
.....ugugcuuaa	G <u>cuug</u> gacuugaaua.	1	1	s12
.....uguA <u>cuua</u>	aucu <u>ggacuuga</u> aua.	1	1	s12
.....ugugcuuaa	aucuuAgacuugaaua.	634	1	s12
.....ugugcuuaa	aucu <u>gggaUu</u> ugaaua.	2	1	s12

Mature

Star

gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaauauucaagagcugagauuaagucgccuacauguuacaucauacuuucugaguucuuuaguaug

.....ugugcuuaa	cuuggacuugaaAa	.....	1	1	s12
.....ugugcuuaa	cuuCGacuugaaua	.....	6	1	s12
.....ugugcuuaa	cuuuggcucuugaaua	.....	575	0	s12
.....ugugcuuaa	cuuCGacuugaaua	.....	2	1	s12
.....ugugcuuaa	cuuuggcucuugaCua	.....	1	1	s12
.....CGugcuuaa	cuuuggcucuugaaua	.....	1	1	s12
.....ugugcuuaa	cuuuggaAuugaaua	.....	1	1	s12
.....ugugcuuaa	cuuuggcucuugaaGa	.....	5	1	s12
.....ugugcuua	Gcuuuggcucuugaaua	.....	2	1	s12
.....ugugcuuaa	cuuuggcucuugaaua	.....	2	1	s12
.....ugugcuuaa	cuuCGacuugaaua	.....	1	1	s12
.....ugugcuuaa	cuuugGCcuugaaua	.....	3	1	s12
.....ugugcuu	Gacuuggcucuugaaua	.....	1	1	s12
.....ugugcuuaa	cuuAGacuugaauu	.....	5	1	s12
.....ugugcuuaa	cuuuggcucuugaauA	.....	1	1	s12
.....ugugcuuaa	cuuuggcucuugaauu	.....	2	0	s12
.....ugugcuuaa	cuuuggcucuugaauUuu	.....	1	1	s12
.....gugcuuaa	cuuAGacuugaau	.....	2	1	s12
.....gugcuuaa	cuuuggcucuugaau	.....	2	0	s12
.....Uugcuuaa	cuuuggcucuugaau	.....	1	1	s12
.....gugcuuaa	cuuAGacuugaaua	.....	1	1	s12
.....gugcuuaa	cuuuggcucuugaaua	.....	3	0	s12
.....gugcuuaa	cuuuggcucuugaauUu	.....	1	1	s12
.....ugcuuaa	cuuuggcucuuga	.....	2	0	s12
.....ugcuuaa	cuuuggcucuugaau	.....	5	0	s12
.....ugcuuaa	cuuuggcucuugaaC	.....	1	1	s12
.....ugcAuaa	cuuuggcucuugaaua	.....	2	1	s12
.....ugcuuaa	cuuuggcucuugaaua	.....	18	0	s12
.....ugcuuaa	cuuAGacuugaaua	.....	23	1	s12
.....ugcuuaa	Ccuuuggcucuugaaua	.....	1	1	s12
.....ugcuuaa	cuuuggcucuugaauC	.....	1	1	s12
.....ugcuuaa	cuuuggcucuugaauU	5	1	s12
.....gcuaa	cuuuggcucuugaau	1	0	s12
.....cuuaa	cuuuggcucuugaau	1	0	s12
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.....uucaagagc	ugagauuaU	8	1	s12
.....uucaagagc	ugagauuaag	20	0	s12
.....uucaagagc	ugagauuaUag	1	1	s12
.....uucaagagc	Cgagauuaagu	.....	1	1	s12
.....uuAaagagc	ugagauuaagu	.....	1	1	s12
.....uucaagagc	ugagauAaagu	.....	1	1	s12
.....uucaagagc	ugagauuaagC	.....	9	1	s12
.....uucaagagc	ugagauuaagu	.....	34	0	s12
.....uucaagGgc	ugagauuaagu	.....	3	1	s12
.....uucaagagc	Ggagauuaagu	.....	1	1	s12
.....uucaagagc	ugagGuuaagu	.....	1	1	s12
.....uucaagagc	ugaCauuaaguc	.....	1	1	s12
.....uucaagagc	ugGgauuaaguc	.....	2	1	s12
.....uucaagagc	ugagauuaaguc	.....	24	0	s12
.....uucaagagc	ugagauuaaguU	.....	1	1	s12
.....uucaagagc	ugagauuaUguc	.....	1	1	s12
.....uAcaagagc	ugagauuaagucg	.....	1	1	s12
.....uucaagagc	ugagauuaagGcg	.....	3	1	s12
.....uucaagagc	ugagauuaagucg	.....	11	0	s12
.....uucaagagc	ugagauuaagucgc	.....	280	0	s12
.....uucaagagc	ugagGuuaagucgc	.....	4	1	s12
.....uucaagagc	ugagauuGagucgc	.....	2	1	s12
.....uucaagGgc	ugagauuaagucgc	.....	1	1	s12
.....uucaagagc	Agagauuaagucgc	.....	2	1	s12
.....uucaagagc	ugagauuaagucAc	.....	1	1	s12
.....uucGagagc	ugagauuaagucgc	.....	1	1	s12
.....uucaagagc	ugagauuaagucCc	.....	2	1	s12
.....uucaagagc	ugagauAaagucgc	.....	1	1	s12
.....uuUaagagc	ugagauuaagucgc	.....	1	1	s12
.....uucaagagc	ugagCuuaagucgc	.....	1	1	s12
.....uucaagagc	ugagauuaUgucgc	.....	2	1	s12
.....uucaagagc	ugagauuaagucgA	.....	16	1	s12
.....uucaagag	Uugagauuaagucgc	.....	2	1	s12
.....uucaagagc	ugagauuaagucgcG	.....	2	1	s12
.....uucaagagc	ugagauGaagucgc	.....	1	1	s12

Mature

Star

gcauguugaguaacaaguaa <u>ugugcuuaa</u> cuuggacuugaau <u>uuuaa</u> ua <u>uucaagagcugagauuaagucgc</u> cuacauguuacaucuaa <u>ucuc</u> uugagauucuuuaguaug			
.....uucaagagcugagauuaagucgU.....	200	1	s12
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.....uCaagagcugagauuaagucgc.....	1	1	s12
.....uucaagagcugagauuaGgucgc.....	1	1	s12
.....uucaGgagcugagauuaagucgc.....	1	1	s12
.....Gucaagagcugagauuaagucgc.....	1	1	s12
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.....uucaagagcugagauuaagCcgcc.....	1	1	s12
.....uucaagagcugGgauuaagucgcc.....	1	1	s12
.....uucaagagcugagauuaagucgcU.....	70	1	s12
.....uucaagagcugagauuaagucgcG.....	5	1	s12
.....uucaagagcugagauuaagucgcc.....	99	0	s12
.....uucaagGgcugagauuaagucgcc.....	1	1	s12
.....uucaagagcugagauuaagucgcA.....	52	1	s12
.....uuGaagagcugagauuaagucgcc.....	1	1	s12
.....uucaagagcugagauuaagucgccA.....	5	1	s12
.....uucaagagcugagauuaagucgccu.....	2	0	s12
.....ucaagagcugagauCaag.....	1	1	s12
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.....ucaagagcugagauuaagucgcG.....	2	1	s12
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.....ucaagagcugagauuaagucAcc.....	1	1	s12
.....ucaagagcugagauuaagucgcU.....	91	1	s12
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.....ucGagagcugagauuaagucgcc.....	4	1	s12
.....Ccaagagcugagauuaagucgcc.....	2	1	s12
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.....caagagcugagauuaaguU.....	1	1	s12
.....caagagcugagauuaaguc.....	1	0	s12
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.....caagagcugagauuaagucgcA.....	6	1	s12
.....caagagcugagauuaagucgcU.....	30	1	s12
.....caagagcugagauuaagucgcc.....	52	0	s12
.....caagagcugagauuaagucgccA.....	1	1	s12
.....aagagcugagauuaagucgcc.....	1	0	s12
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.....ugugcuuaa <u>uc</u> uuggacu.....	2	0	s13
.....ugugcuuaa <u>uc</u> uuggGcuuga.....	1	1	s13
.....ugugcuuaa <u>uc</u> uuggacuuga.....	11	0	s13
.....ugugcuuaa <u>uc</u> uuggacuugaa.....	6	0	s13
.....ugugcuuaaGcuuggacuugaa.....	1	1	s13
.....Cgugcuuaa <u>uc</u> uuggacuugaa.....	1	1	s13
.....ugugcuuaa <u>uc</u> uuAgacuugaa.....	2	1	s13
.....ugugcuuaa <u>uc</u> uuggacuugaaA.....	3	1	s13
.....ugugcuuaa <u>uc</u> Cggacuugaau.....	1	1	s13
.....ugugcuuaa <u>uc</u> uuAgacuugaau.....	1	1	s13
.....ugugcuuaa <u>uc</u> Guggacuugaau.....	1	1	s13
.....ugugcuuaa <u>uc</u> uuggacuugaUu.....	2	1	s13
.....ugugcuuaa <u>uc</u> uuggacuugaaC.....	14	1	s13
.....ugugcuuaa <u>uc</u> uuggacuugGau.....	4	1	s13
.....ugugcuuaa <u>uc</u> uuggacuugaau.....	152	0	s13
.....ugugcuuaCucuuggacuugaau.....	1	1	s13
.....ugugcuuaaA <u>uc</u> uuggacuugaau.....	1	1	s13
.....ugugcuuaa <u>uc</u> uuggUcuugaau.....	2	1	s13
.....ugugcuuaa <u>uc</u> uuggacuugaaG.....	1	1	s13
.....uguA <u>cu</u> uaa <u>uc</u> uuggacuugaau.....	1	1	s13
.....ugugUuuaa <u>uc</u> uuggacuugaau.....	1	1	s13
.....ugugcuuG <u>au</u> cuuggacuugaau.....	1	1	s13

Star

..Agugcuuaaauucugggacuugaau.....	1	1	s13
..uUugcuuaaauucugggacuugaau.....	1	1	s13
..Cgugcuuaaauucugggacuugaau.....	1	1	s13
..ugugcuuaaauucugggaGUugaaua.....	1	1	s13
..Cgugcuuaaauucugggacuugaaua.....	1	1	s13
..ugugcuuaaauucugggacuugaauG.....	9	1	s13
..ugugcGuaaauucugggacuugaaua.....	1	1	s13
..ugugcuuaaauucugggacuugaGua.....	1	1	s13
..ugugcuuaaauucugggacuugaauC.....	3	1	s13
..ugugcuuaaauucuuAgacuugaaua.....	2	1	s13
..ugugcuGaaauucugggacuugaaua.....	1	1	s13
..ugugcuuGauauucugggacuugaaua.....	1	1	s13
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..ugugcuuaauGUugggacuugaaua.....	3	1	s13
..ugugcuuaaauucuuCgacuugaaua.....	1	1	s13
..ugugcuuaaauucuCggacuugaaua.....	1	1	s13
..ugugcuuaaauucugggacuugGua.....	1	1	s13
..ugugcuuaaauucugUacuugaaua.....	1	1	s13
..ugugcuuaaauucugggacuugaauU.....	28	1	s13
..ugugcuuaaauucugggacGugaaua.....	1	1	s13
..Ggugcuuaaauucugggacuugaaua.....	1	1	s13
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..ugugcuuaaauucuggGCuuugaaua.....	2	1	s13
..ugugcuuaaauucugggacuCGaaaua.....	2	1	s13
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..ugugcuuaaauucuggGCuugaaua.....	7	1	s13
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..ugugcuuaaauucugggacuugCaaua.....	1	1	s13
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..ugugcuuaaauucugggacuugaUua.....	1	1	s13
..ugugcuuaaauucugggacuugaaCa.....	8	1	s13
..ugugcuuaaauucuuUgacuugaaua.....	2	1	s13
..ugugcuuaaauucugggacuugaaGa.....	5	1	s13
..ugugcuAAaauucugggacuugaauau.....	1	1	s13
..ugugcuuaaauucugggacuugaauau.....	11	0	s13
..ugugcuuaaauucugggacuugaauaA.....	2	1	s13
..ugugcuuaaauucugggacuugaauUu.....	3	1	s13
..ugugcuuaaauucugggacuugaauaC.....	5	1	s13
..ugugcuuaaauucugggacuugGauau.....	1	1	s13
..ugugcuuaaauucugggacuugaauuu.....	1	0	s13
..ugugcuuaaauucugggacuugaauauAU.....	2	1	s13
..gugcuuaaauucugggacuugaau.....	6	0	s13
..gugcuuaaauucugggacuugaaua.....	22	0	s13
..gugcuuaGcuuugggacuugaaua.....	1	1	s13
..gugcuuaaauucugggacuugaauU.....	3	1	s13
..gugcuuaaauucugggacuGgaaua.....	1	1	s13
..gugcuuaaauucugggacuugaauaC.....	1	1	s13
..ugcuuaaauucugggacuugaau.....	1	0	s13
..ugcuuaaauucugggacuugaaua.....	9	0	s13
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..ugcuuaaauucugggacuGgaaua.....	1	1	s13
..uucaagagcugagauuaa.....	5	0	s13
..uucaagagcugagauuaU.....	6	1	s13
..uucaGgagcugagauuaag.....	1	1	s13
..uucaagagcGgagauuaag.....	1	1	s13
..uucGagagcugagauuaag.....	2	1	s13
..uCaagagcugagauuaag.....	2	1	s13
..uucaagagcugagauuaag.....	145	0	s13
..uucaagagcugagauuGag.....	2	1	s13
..uucaagagcugGgauuaag.....	2	1	s13
..Cucaagagcugagauuaag.....	1	1	s13
..uuAaagagcugagauuaag.....	1	1	s13

Mature

Star

gcauguugaguaacaaguaaugugcuuaaaucuuggacuugaauuuuaauauucaagagcugagauuaagucgccuacauguuacaucuaaucuucugagauucuuuagauag

.uucaagagcugagauuaaU.....	4	1	s13
.uucAGgagcugagauuaagu.....	2	1	s13
.Cucaagagcugagauuaagu.....	1	1	s13
.uucaagagcugagauuaagu.....	76	0	s13
.uucaagagcugagauuaagA.....	6	1	s13
.uucaagagcugagauuaaAu.....	1	1	s13
.uucaagagcGgagauuaagu.....	1	1	s13
.Aucaagagcugagauuaagu.....	1	1	s13
.uucaagagcugagauuaagC.....	11	1	s13
.uucaagagcugagauuaaguc.....	2	0	s13
.uucaagagcAgagauuaagucg.....	1	1	s13
.uucaagagcugagauuaagucA.....	12	1	s13
.uucaagagcugagauuaagucg.....	15	0	s13
.Cucaagagcugagauuaagucgc.....	2	1	s13
.Aucaagagcugagauuaagucgc.....	1	1	s13
.uucaagagcugagauuaagCgc.....	2	1	s13
.uucaagagcugGgauuaagucgc.....	1	1	s13
.uCaagagcugagauuaagucgc.....	1	1	s13
.uucaagagcugagauuaagucgA.....	9	1	s13
.uucAGgagcugagauuaagucgc.....	1	1	s13
.uucaagagcugagaCuuaagucgc.....	1	1	s13
.uucaagagcugagauuaagucgU.....	41	1	s13
.uucaagagcugagGuuaagucgc.....	2	1	s13
.uucaagagAugagauuaagucgc.....	1	1	s13
.uucaagagcugagauuaagucgc.....	157	0	s13
.uucaagagcugagauuaagucgcc.....	30	0	s13
.uucaagagcugagauuaagucgcA.....	33	1	s13
.uucaagagcugagauuaagucgcU.....	20	1	s13
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.uucaagGgcugagauuaagucgcc.....	1	1	s13
.uucaagagcugagauuaagucgUc.....	2	1	s13
.uucaagagcCgagauuaagucgcc.....	2	1	s13
.uucaagagcugagauuaagucgcAu.....	2	1	s13
.uucaagagcugagauCaagucgccu.....	2	1	s13
.uucaagagcugagauuaagucgccA.....	5	1	s13
.ucaagagcugagauuaag.....	4	0	s13
.ucaagagcugagauuaagu.....	1	0	s13
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.ucaagagcugagauuaagucgU.....	1	1	s13
.ucaagagcugagauuaagucgc.....	6	0	s13
.ucaagagcugCgauuaagucgcc.....	1	1	s13
.ucaagagcugagauuaagucgcc.....	25	0	s13
.ucaagagcugagauuaagucgcA.....	4	1	s13
.ucaagagcugagauuaagucgcU.....	11	1	s13
.ucaagagcugagauuaagucgcAu.....	1	1	s13
.caagagcugagauuaagu.....	1	0	s13
.caagagcugagauuaagucgc.....	1	0	s13
.caagagcugagauuaagucgcU.....	1	1	s13
.caagagcugagauuaagucgcA.....	1	1	s13
.cauguugaguaacaaguaa.....	1	0	s19
.Cugugcuuaa <u>aucuuggacuuga</u> aa.....	1	1	s19
.ugugcuuaa <u>aucuuggacu</u>	1	0	s19
.ugugcuuaa <u>aucuuggacu</u> g.....	2	0	s19
.ugugcuuaa <u>aucuuggacuu</u> A.....	1	1	s19
.ugugcuuaa <u>aucuuAgacu</u> ug.....	3	1	s19
.Cgugcuuaa <u>aucuuggacu</u> ga.....	1	1	s19
.ugugcuuaa <u>aucuuAgacu</u> uga.....	13	1	s19
.ugugcuuaa <u>Ccuuggacu</u> uga.....	2	1	s19
.ugugcuuaa <u>aucuuggacu</u> ga.....	11	0	s19
.ugugcuuaa <u>aucuuAgacu</u> ugaa.....	6	1	s19
.ugugcuuaa <u>aucuuggacu</u> ugaa.....	9	0	s19
.ugugcuuaa <u>aucu</u> Cggacuugaau.....	2	1	s19
.ugugcuuaa <u>aucuuggacu</u> gaUu.....	2	1	s19
.ugugcuuaa <u>aucuuAgacu</u> ugaau.....	93	1	s19
.ugugcuuaa <u>aucuuggac</u> Gugaau.....	2	1	s19
.Ggugcuuaa <u>aucuuggacu</u> ugaau.....	2	1	s19
.ugugcuuaa <u>aucuuggacu</u> ugaau.....	220	0	s19
.ugugcuuaa <u>aucuuggacu</u> Uaaau.....	1	1	s19

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[illegible]

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gcauguugaguaacaaguaaugugcuuaacuuggacuugaauauuuaauauucaagagcugagauuaagucgccuacauguuacaucuaauucuugaguuucuuuagauag

.....ugcuuaa <u>u</u> cuuggacuugaaua.....	7	0	s19
.....uucaagagcugagauuaU.....	2	1	s19
.....uucaagagcugagauuaag.....	67	0	s19
.....uucaagagcugagauGaaag.....	1	1	s19
.....uucaagagcugagauAaag.....	2	1	s19
.....uucaagCgcugagauuaag.....	1	1	s19
.....uCaagagcugagauuaag.....	1	1	s19
.....uucaagagcugagauuUag.....	1	1	s19
.....uucaagagcugGgauuaag.....	2	1	s19
.....uucaagagcugagauuaaU.....	3	1	s19
.....Aucaagagcugagauuaag.....	1	1	s19
.....uucaagagcugagCuuaagu.....	1	1	s19
.....uucaagagcugagauuaagu.....	80	0	s19
.....uucaagGgcugagauuaagu.....	1	1	s19
.....uucaagagcugagauuaagC.....	15	1	s19
.....uucaagagcugagauuaUgu.....	1	1	s19
.....uucaagagcugagauuaagA.....	7	1	s19
.....uucaagagUugagauuaagu.....	2	1	s19
.....uucaagagcugagauuaaguc.....	10	0	s19
.....uucaagagcugagauuaagucA.....	4	1	s19
.....uucaagagcugagauuaagucg.....	1	0	s19
.....uucaagagcugGgauuaagucgc.....	2	1	s19
.....uucaagagcugagGuuaagucgc.....	1	1	s19
.....uucaagagcugagauuaGgucgc.....	1	1	s19
.....uucaagagcugagauuaagucgA.....	3	1	s19
.....uucaagagcugagauuaagucgc.....	79	0	s19
.....uucaagagcugagauuaagucgU.....	32	1	s19
.....uucaagagUugagauuaagucgcc.....	1	1	s19
.....uucaagagcugagauuaagucgcA.....	38	1	s19
.....uucaagagcugagauuaagucgcc.....	70	0	s19
.....uucaaCagcugagauuaagucgcc.....	1	1	s19
.....uucaagagcugagauuaagucgUc.....	1	1	s19
.....uucaagagcugagauuaagucgcU.....	24	1	s19
.....uucaagagcugagaCuaagucgcc.....	1	1	s19
.....uucaagagcugagauuaagucgccA.....	8	1	s19
.....uucaagagcugagauuaagucgcAu.....	1	1	s19
.....uucaagagcugagauuaagucgccu.....	1	0	s19
.....uucaagagcugagauuaagucgccuaU.....	3	1	s19
.....ucaagagcugagauuaagC.....	1	1	s19
.....ucaagagcugagauuaagu.....	2	0	s19
.....ucaagagcugagauuaaguU.....	1	1	s19
.....ucaagagcugagauuaagucgA.....	6	1	s19
.....ucaagagcugagauuaagucgcc.....	24	0	s19
.....Acaagagcugagauuaagucgcc.....	1	1	s19
.....ucaagagcugagauuaagucgcU.....	21	1	s19
.....ucaagagcCgagauuaagucgcc.....	1	1	s19
.....ucaagagcugagauuaagGcgcc.....	1	1	s19
.....ucaagagcugagauuaagucgcAu.....	2	1	s19
.....caagagcugagauuaagucgcU.....	1	1	s19
.....caagagcugagauuaagucgcc.....	4	0	s19
.....aagagcugagauuaagucgc.....	1	0	s19
.....Cugugcuuaa <u>u</u> cuuggacuugaaua.....	1	1	s14
.....ugugcuuaa <u>u</u> cuuAgacuuga.....	2	1	s14
.....ugugcuuaa <u>u</u> cuuggacuuga.....	4	0	s14
.....ugugcuuaa <u>u</u> cuuggacuugaa.....	2	0	s14
.....ugugcuuaa <u>u</u> cuuggacuugaGu.....	1	1	s14
.....ugugcuuaa <u>u</u> cuuggacuugaaA.....	2	1	s14
.....ugugcuuaa <u>u</u> cuuggacuuaAau.....	1	1	s14
.....ugugcuuaa <u>u</u> cuuggacuugaau.....	84	0	s14
.....ugugcuuaa <u>u</u> cuuggGcuugaau.....	1	1	s14
.....ugugcuuaa <u>u</u> cuuggacuuaCaau.....	1	1	s14
.....ugugAuuaa <u>u</u> cuuggacuugaau.....	1	1	s14
.....ugugcuuUa <u>u</u> cuuggacuugaau.....	1	1	s14
.....ugugcuuaa <u>u</u> cuuAgacuugaau.....	21	1	s14
.....ugugcuuaa <u>u</u> cuuggacuugaaC.....	5	1	s14
.....ugCgcuu <u>u</u> cuuggacuugaau.....	1	1	s14
.....ugugcuuaa <u>u</u> cuuggacuugaUu.....	3	1	s14
.....ugugcuuaa <u>u</u> cuuggacuugaauC.....	2	1	s14
.....ugugcuuaa <u>u</u> cuuggacuugaaua.....	162	0	s14

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gcauguugaguaacaaguaaugugcuuaacuuggacuugaauuuuaauauucaagagcugagauuaagucgccuacauguuacaucauaaucuucuugaguucuuauaguaug

.....ugugcuuaa	cuuggacuugU	aa.....	2	1	s14
.....ugugcuuaa	cuuggacuugG	aa.....	1	1	s14
.....ugugcuuaa	cuuggacuuga	aa.....	1	1	s14
.....ugugcuuaa	cuuggacuuga	auU.....	26	1	s14
.....ugugcuuaa	cuuggacuuga	aaG.....	1	1	s14
.....ugugcuuaa	cuuggacuuga	aaCa.....	1	1	s14
.....ugugcCuaa	cuuggacuuga	aa.....	4	1	s14
.....ugugcuuaa	cuuAgacuuga	aa.....	125	1	s14
.....ugugcGuaa	cuuggacuuga	aa.....	1	1	s14
.....ugugcuuaa	cuuggacuuga	au.....	3	0	s14
.....gugcuuaa	cuuggacuuga	au.....	1	0	s14
.....gugcuuaa	cuuAgacuuga	aa.....	3	1	s14
.....gugcuuaa	auuugacuuga	aa.....	1	1	s14
.....gugcuuaa	cuuggacuuga	aa.....	1	0	s14
.....ugcuuaa	cuuggacuuga	aa.....	1	0	s14
.....ugcuuaa	cuuggacuuga	aa.....	7	0	s14
.....ugcuuaa	cuuAgacuuga	aa.....	3	1	s14
.....uucaagagc	ugagauuaag	.....	3	0	s14
.....uucaagagc	ugagauuaag	.....	4	0	s14
.....uucaagagc	ugagauuaagA	.....	1	1	s14
.....uucaagagc	ugagauuaaguc	.....	6	0	s14
.....uucaagagc	ugagauuaagCcg	c.....	2	1	s14
.....uucaagagc	ugagauuaagucg	U.....	2	1	s14
.....uucaagagc	ugagauuaagucgc	.....	11	0	s14
.....uucGagagc	ugagauuaagucgcc	.....	1	1	s14
.....uucaagagc	ugagauuaagucgcc	.....	19	0	s14
.....uucaagagc	ugagauuaagucgcU	.....	7	1	s14
.....uucaagagc	ugagauuaaguUgc	c.....	1	1	s14
.....uucaagagc	ugagauuaagucgcA	.....	3	1	s14
.....uucaagUgc	ugagauuaagucgcc	.....	1	1	s14
.....uucaagagc	ugagauuaagucgccu	.....	4	0	s14
.....ucaagagc	ugagauuaagucgcU	.....	4	1	s14
.....ucaagagc	ugagauuaagucgcc	.....	11	0	s14
.....Ccaagagc	ugagauuaagucgcc	.....	2	1	s14
.....ucGagagc	ugagauuaagucgcc	.....	1	1	s14
.....caagagc	ugagauuaagucgcc	.....	3	0	s14
.....caagagc	ugagauuaagucgcU	.....	1	1	s14