



Star

Mature

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Mature

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Mature

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Star

Mature

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Star

Mature

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.....ucucacuaccuugucuuGucg.....	4	1	T72
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.....ucucacuaccuugucuuuGaug.....	2	1	T72
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.....ucucacuaccuugucuuuucgC.....	1	1	T72
.....ucucacuaccuugucuuCucaug.....	2	1	T72
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.....ucacuaccuugucuuuucgcU.....	2	1	T72
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.....ucucacuaccuugucuuuuc.....	38	0	A63
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.....ucucacuaccuugCcuuuc.....	1	1	A63
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.....Gucucacuaccuugucuuuuc.....	1	1	A63
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.....ucucacuaccuugucuuUaug.....	2	1	A63
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.....ucAcacuaccuugucuuuuc.....	3	1	A63
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Star

Mature

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Star

Mature

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Mature

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Star

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Star

Mature

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.....ucucacuaccuugucuuuAuG.....	2	1	B01

Star

Mature

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Star

Mature

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.....ucucacuaaccuugucuuuaucau.....	156	0	H63
.....ucueUcuaccuugucuuuauaug.....	1	1	H63
.....ucuUacuaccuugucuuuauaug.....	2	1	H63
.....uUucacuaaccuugucuuuauaug.....	1	1	H63
.....ucucacuaUcuugucuuuauaug.....	1	1	H63
.....ucucacuaaccuuguGuuaucau.....	19	1	H63
.....ucucacuaaccuuguUuuuauaug.....	8	1	H63
.....ucucacuaaccCugucuuuauaug.....	1	1	H63
.....ucucacuaaccuugucuuuaucauC.....	2	1	H63
.....ucucacuaaccuugucGuuauaug.....	2	1	H63
.....ucucGcuaccuugucuuuauaug.....	10	1	H63
.....ucucacuaaccuugucuuuaucaCg.....	11	1	H63
.....ucucacuaaccuugucuuuucUug.....	2	1	H63
.....ucucacuaaccuugucuuuAaug.....	10	1	H63
.....ucucacuaaccuugucuuuucGug.....	3	1	H63
.....ucucacuUccuugucuuuauaug.....	4	1	H63
.....ucGcuacuaaccuugucuuuauaug.....	16	1	H63
.....ucAcacuaaccuugucuuuauaug.....	18	1	H63
.....ucucacuaaccuugucuCuaug.....	10	1	H63
.....ucucacuaaccuugucCuuaug.....	5	1	H63
.....ucucacuaaccuugucuuuGaug.....	19	1	H63
.....ucCcuacuaaccuugucuuuauaug.....	11	1	H63
.....ucucacuaaccuugucAuuaug.....	2	1	H63
.....ucucacuaaccuugCcuuauaug.....	3	1	H63
.....ucucacuaaccuugucuuuauaug.....	9617	0	H63
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.....ucucacuCccuugucuuuauaug.....	1	1	H63
.....ucucacuaccAugucuuuauaug.....	2	1	H63
.....ucucCcuaccuugucuuuauaug.....	7	1	H63
.....ucucacuaaccuugucAucaug.....	8	1	H63
.....ucucacuacUuugucuuuauaug.....	3	1	H63
.....ucucacuaaccuugucuuuauAg.....	8	1	H63
.....ucucacuaaccuugucuuuCcaug.....	1	1	H63
.....ucucacuaccuCgucuuuauaug.....	2	1	H63
.....ucucacuaccuAgucuuuauaug.....	2	1	H63
.....uAucacuaaccuugucuuuauaug.....	2	1	H63
.....ucucaAuaccuugucuuuauaug.....	1	1	H63
.....ucucacuaAcuugucuuuauaug.....	1	1	H63
.....ucucacuaccuuUucuuuauaug.....	1	1	H63
.....ucucacuaccuugucuuuUaug.....	8	1	H63
.....ucucacuaccuugucuuuauU.....	12	1	H63
.....Ccuacuaaccuugucuuuauaug.....	4	1	H63
.....ucucacuGccuugucuuuauaug.....	3	1	H63
.....ucucacuaaccuugucGucaug.....	10	1	H63
.....ucucacuaccuuguAuuuauaug.....	10	1	H63
.....ucucacuaccuugucuuuauA.....	4	1	H63
.....ucucacuaccuugucuuuauGg.....	4	1	H63
.....ucucacuaccuugucuuuauaugU.....	33	1	H63
.....ucucacuaccuugucuuuauaugA.....	9	1	H63
.....ucucacuaccuugucuuuauaugc.....	1	0	H63
.....cucacuaccuugucuuuauaug.....	106	0	H63
.....cucacuaccuugucuuuucUug.....	1	1	H63
.....cucacuaccuugucuuuauaugU.....	10	1	H63
.....ucacuaccuugucuuuauca.....	2	0	H63
.....ucacuaccuugucuuuauaug.....	228	0	H63
.....ucacuacUuugucuuuauaug.....	1	1	H63
.....ucacuaccuugucGucaug.....	1	1	H63
.....ucacuaccuugucuuuauaugU.....	1	1	H63
.....ucacuaccuugucuuuauaugA.....	1	1	H63
.....cacuaccuugucuuuauaug.....	1	0	H63
.....acuaccuugucuuuauaug.....	1	0	H63

Star

Mature

agaagacauagaagaauugcucucagccguuuugaagacauaggggugcgagauuccaguuacauaccaauucucacuaccuugucuuuauaugcggagugagcaccucuccg

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.....uuugaagacauaggggugcgagaA.....	1	1	H44
.....ugaagacauaggggugcgag.....	2	0	H44
.....ugaagacauaggggugcggaU.....	1	1	H44
.....ugaagacauaggggugcgaga.....	9	0	H44
.....ugaagacauaggggugGgaga.....	1	1	H44
.....ugaagacauaggggugcgagau.....	3	0	H44
.....ugaagacauaggggugcgagaug.....	6	0	H44
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.....ugaagacauaggggugcgagauguc.....	3	0	H44
.....ugaagacauaggggugcgagauguccaguacauaccU.....	1	1	H44
.....ugaagacauaggggugcgagauguccaguacauacca.....	1	0	H44
.....ugaagacauaggggugcgagauguccaguacauaccaU.....	1	1	H44
.....ugaagacauaggggugcgagauguccaguacauacca.....	1	0	H44
.....ugaAGacauaggggugcgagauguccaguacauaccaau.....	1	1	H44
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.....ugaagacauaggggugcgagauAuccaguacauaccaauu.....	1	1	H44
.....ugaagacauaggggugcgagauguccaguacauaccaauu.....	4	0	H44
.....uccaguacauaccaauucucacuaccu.....	1	0	H44
.....caauucucacuaccuuguc.....	1	0	H44
.....uucucacuaccuugucuuuau.....	5	0	H44
.....Cucucacuaccuugucuuuauaug.....	3	1	H44
.....uucucacuaccuugucuuuauaug.....	6	0	H44
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.....ucAcacuaccuugucuuuau.....	1	1	H44
.....ucucacuaccuugucuuucaA.....	1	1	H44
.....ucucacuaccuugucuuucaG.....	1	1	H44
.....ucGcacuaccuugucuuuau.....	2	1	H44
.....Ccuacuaccuugucuuuau.....	1	1	H44
.....ucucacuaccuugAuuuau.....	1	1	H44
.....ucucacuaccuugucuuuAu.....	2	1	H44
.....uAucacuaccuugucuuuau.....	1	1	H44
.....ucucacuaccuugucuuuau.....	403	0	H44
.....uUucacuaccuugucuuuau.....	1	1	H44
.....ucucacuaccuugAcuuuuauaug.....	3	1	H44
.....ucucacuaccuugucGuuauaug.....	1	1	H44
.....ucucacuaccuugucuuCcuug.....	1	1	H44
.....ucucacuaccuugucuuuauC.....	1	1	H44
.....ucucacuaccCugucuuuauaug.....	2	1	H44
.....ucucacuaccuugucuuuauU.....	24	1	H44
.....ucucacuaccuugucuuucaGg.....	2	1	H44
.....ucucacCaccuugucuuuauaug.....	3	1	H44
.....ucucacuaccuugAuuuauaug.....	2	1	H44
.....ucCacuaccuugucuuuauaug.....	4	1	H44
.....ucucacuacAuugucuuuauaug.....	1	1	H44
.....ucucacuaccuugucuuuGaug.....	4	1	H44
.....ucucaAuaccuugucuuuauaug.....	1	1	H44
.....ucucacuaccuugucuuuauA.....	4	1	H44
.....ucucacuUccuugucuuuauaug.....	1	1	H44
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.....ucucacuaccuuguUuuuauaug.....	6	1	H44
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.....ucucacuaccuugucGuauaug.....	1	1	H44
.....ucuGacuaccuugucuuuauaug.....	1	1	H44
.....ucucacuaccuugucCuauaug.....	5	1	H44
.....ucucCcuaccuugucuuuauaug.....	5	1	H44
.....ucucacuaccuugucCuauaug.....	6	1	H44
.....ucucacuCccuugucuuuauaug.....	2	1	H44
.....ucGcacuaccuugucuuuauaug.....	9	1	H44

Star

Mature

agaagacaugaagaauugcucucagccguuugaagacauggguggcgagauuccaguacauaccaauucacuaccuugcuuucaugcggagugagcaccucucg

.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>U</u> aug.....	3	1	H44
.....ucucac <u>uac</u> Uuug <u>cu</u> uu <u>ca</u> ug.....	2	1	H44
.....ucucac <u>uac</u> cuCguc <u>cu</u> uu <u>ca</u> ug.....	2	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> Ag.....	3	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> Uuu <u>ca</u> ug.....	1	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> Cg.....	3	1	H44
.....ucucac <u>uac</u> cuU <u>cu</u> uu <u>ca</u> ug.....	2	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> Uu <u>ca</u> ug.....	11	1	H44
.....u <u>U</u> ucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	1	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> Uu <u>ca</u> ug.....	2	1	H44
.....uc <u>U</u> acac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	12	1	H44
.....ucucac <u>u</u> G <u>cu</u> ug <u>cu</u> uu <u>ca</u> ug.....	1	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>U</u> aug.....	3	1	H44
.....uc <u>u</u> caUuac <u>cu</u> ug <u>cu</u> uu <u>ca</u> ug.....	1	1	H44
.....A <u>cu</u> ac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	1	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugU.....	264	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugA.....	149	1	H44
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugc.....	18	0	H44
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugCU.....	2	1	H44
.....cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u>	2	0	H44
.....cucac <u>uac</u> cuug <u>cu</u> Uu <u>ca</u>	1	1	H44
.....cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u>	4	0	H44
.....cuUac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	1	1	H44
.....cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> C.....	1	1	H44
.....cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	159	0	H44
.....cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugc.....	3	0	H44
.....cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugA.....	18	1	H44
.....cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugU.....	83	1	H44
.....cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugCA.....	1	1	H44
.....ucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u>	4	0	H44
.....ucU <u>cu</u> ac <u>cu</u> ug <u>cu</u> uu <u>ca</u>	1	1	H44
.....ucac <u>uac</u> Uuug <u>cu</u> uu <u>ca</u> ug.....	1	1	H44
.....ucac <u>u</u> C <u>cu</u> ug <u>cu</u> uu <u>ca</u> ug.....	1	1	H44
.....ucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	232	0	H44
.....ucac <u>uac</u> cuug <u>cu</u> Uu <u>ca</u> ug.....	1	1	H44
.....ucG <u>cu</u> ac <u>cu</u> ug <u>cu</u> uu <u>ca</u> ug.....	1	1	H44
.....ucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugU.....	26	1	H44
.....ucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugA.....	13	1	H44
.....ucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugc.....	1	0	H44
.....ucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugCU.....	20	1	H44
.....ucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugCA.....	4	1	H44
.....cac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ugCU.....	1	1	H44
.....acuac <u>cu</u> ug <u>cu</u> uu <u>ca</u> ug.....	1	0	H44
.....ugaagacauggguggcgag <u>a</u>	1	0	E03
.....ugaagacauggguggcgag <u>au</u>	1	0	E03
.....ugaagacauggguggcgag <u>aug</u>	4	0	E03
.....ugaagacauggguggcgag <u>augucc</u>	4	0	E03
.....ugaagacauggguggcgag <u>augucca</u>	1	0	E03
.....ugaagacauggguggcgag <u>auguccG</u>	1	1	E03
.....ugaagacauggguggcgag <u>auguccaguacau</u> cacc.....	1	0	E03
.....ugaagacauggguggcgag <u>auguccaguacau</u> cacca.....	2	0	E03
.....ugaagacauggguggcgag <u>auguccaguacau</u> caccaa.....	1	0	E03
.....ugaagacauggguggcgag <u>auguccaguacau</u> caccau.....	6	0	E03
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.....ugucc <u>aguacau</u> cacca <u>uu</u> c.....	1	0	E03
.....acc <u>auu</u> cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	2	0	E03
.....G <u>auu</u> cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	2	1	E03
.....a <u>uu</u> cucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	1	0	E03
.....uucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u>	1	0	E03
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.....Cucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u> ug.....	5	1	E03
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u>	15	0	E03
.....ucC <u>ac</u> uac <u>cu</u> ug <u>cu</u> uu <u>ca</u>	1	1	E03
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>ca</u>	64	0	E03
.....ucucac <u>uac</u> cuug <u>cu</u> uu <u>G</u> aug.....	2	1	E03
.....ucA <u>ac</u> uac <u>cu</u> ug <u>cu</u> uu <u>ca</u> ug.....	3	1	E03
.....ucucac <u>uac</u> cuCguc <u>cu</u> uu <u>ca</u> ug.....	1	1	E03
.....ucG <u>ac</u> uac <u>cu</u> ug <u>cu</u> uu <u>ca</u> ug.....	5	1	E03

Star

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agaagacaugaagaauugcucucagccguuuugaagacauagggggagagauuccagucacauaccaauucucacuaccuugucuuuucaugcggagugagcaccucuccg			
.....ucucCcuaccuugucuuuucaug.....	1	1	E03
.....ucucacuaccuuguUuuuucaug.....	1	1	E03
.....ucucacCaccuugucuuuucaug.....	1	1	E03
.....ucucacuaccuugAcuuuucaug.....	2	1	E03
.....ucuAacuaccuugucuuuucaug.....	3	1	E03
.....ucucacuaccuugucuCucaug.....	1	1	E03
.....ucucacuacAuugucuuuucaug.....	1	1	E03
.....ucucGcuaccuugucuuuucaug.....	3	1	E03
.....ucucacuaccuugucuuuucAg.....	3	1	E03
.....ucCacuaccuugucuuuucaug.....	1	1	E03
.....ucucacuaccuuguAuuuucaug.....	3	1	E03
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.....ucucacuaccuugucuuuacGg.....	1	1	E03
.....ucucacuaccuugucuuuucaug.....	5	1	E03
.....ucucacuaccuugucGuuucaug.....	2	1	E03
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.....ucucacuaccuugucuuuucaug.....	2635	0	E03
.....uAucacuaccuugucuuuucaug.....	1	1	E03
.....ucucacuaccuuguGuuucaug.....	2	1	E03
.....ucucacuaAcuugucuuuucaug.....	1	1	E03
.....Acucacuaccuugucuuuucaug.....	1	1	E03
.....ucucacuaccuugucuuuucaugU.....	9	1	E03
.....ucucacuaccuugucuuuucaugA.....	5	1	E03
.....ucucacuaccuugucuuuucaugc.....	1	0	E03
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.....cucacuaccuugucuuuucaugU.....	6	1	E03
.....cucacuaccuugucuuuucaugA.....	1	1	E03
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.....ucCacuaccuugucuuuucacU.....	1	1	E71
.....ucucUcuaccuugucuuuucaug.....	2	1	E71
.....ucucacuaccuugucuuuGaug.....	3	1	E71
.....ucucacuaccuugucuuCcaug.....	1	1	E71
.....ucucGcuaccuugucuuuucaug.....	1	1	E71
.....ucucacuaccuugucuuuUaug.....	2	1	E71
.....ucucacuaccuugucuuuucacA.....	1	1	E71
.....ucucacuaccuugucuuuucacAug.....	7	1	E71
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.....ucucacuaccuugucuuuucacG.....	1	1	E71
.....ucucacuacUuugucuuuucaug.....	1	1	E71
.....ucucacuaccuugucGuuucaug.....	4	1	E71
.....ucucacuaccuugucuuuucacC.....	1	1	E71
.....ucucacuaccuugucuuuucacU.....	7	1	E71
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.....cucacuaccuugucuuuucacU.....	1	1	E71
.....ucacuaccuugucuuuucacGg.....	1	1	E71
.....ucacuaccuugucuuuucaug.....	14	0	E71
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.....ugaagacauagggggagagac.....	1	0	B02
.....ugaagacauagggggagagac.....	2	0	B02
.....ugaagacauagggggagagauuccG.....	1	1	B02
.....ugaagacauagggggagagauuccagucacacacau.....	3	0	B02

Star Mature

Star Mature

agaagacaugaagaauugcucucagccguuugaaagacauggguggcgagauguccaguacaucaaccaauucucacuaccuugucuuucaugcggagugagcaccucuccg

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agaagacaugaagaauugcucucagccguuugaagacauagguggcgagauuccagauacauaccaauucucacuaccuugucuuuauugcggagugagcaccucuccg			
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.....ugaaagacauagguggcgagau.....	1	0	H21
.....ugaaagacauagguggcgagauuccaguacauacc.....	2	0	H21
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.....ugaaagacauagguggcgagauuccaguacauacc.....	1	1	H21
.....aaucucacuaccuugucuuuauug.....	1	0	H21
.....uucucacuaccuugucuuuau.....	1	0	H21
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.....Cucucacuaccuugucuuuauug.....	9	1	H21
.....uucucacAaccuugucuuuauug.....	1	1	H21
.....ucucacuaccuugucuuu.....	1	0	H21
.....ucucacuaccuugucuuu.....	36	0	H21
.....ucucacuaccuugucuuuau.....	91	0	H21
.....uAucacuaccuugucuuuauug.....	4	1	H21
.....ucucacuaccuugucuuuauug.....	2	1	H21
.....ucucacuaccuugucuuuauug.....	8670	0	H21
.....ucucacuaccuugucuuuAaug.....	8	1	H21
.....ucucacuaccuugucuuuauC.....	1	1	H21
.....ucucacuaccuugucuuuauG.....	1	1	H21
.....ucucacuaccuugucuuuauAg.....	5	1	H21
.....ucucacCaccuugucuuuauug.....	1	1	H21
.....ucucacuaccuugucuuuauG.....	2	1	H21
.....ucucacuaccuugucuuuCaug.....	2	1	H21
.....ucucacuaccuugucuuuauG.....	1	1	H21
.....ucucacuaccuugucuuuauG.....	1	1	H21
.....ucAcacuaccuugucuuuauug.....	18	1	H21
.....ucucacuaccuugucuuuauug.....	1	1	H21
.....ucuUacuaccuugucuuuauug.....	1	1	H21
.....ucucacuaccuugucuuuauCg.....	4	1	H21
.....ucucacAaccuugucuuuauug.....	1	1	H21
.....ucuGacuaccuugucuuuauug.....	1	1	H21
.....ucucacuaccuugucuuuauug.....	2	1	H21
.....ucucacuaccuugucuuuauG.....	8	1	H21
.....Cucacuaccuugucuuuauug.....	1	1	H21
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.....ucucacuaccuugucuuuauug.....	4	1	H21
.....ucucacuaccuugucuuuauug.....	9	1	H21
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.....ucucacuaccuugucuuuauug.....	5	1	H21
.....ucucacuaccuugucuuuauG.....	3	1	H21
.....ucucacuaccuugucuuuauug.....	3	1	H21
.....ucucacuaccuugucuuuauG.....	12	1	H21
.....ucucacuaccuugucuuuauug.....	9	1	H21
.....ucucGcuaccuugucuuuauug.....	9	1	H21
.....ucucacuaccuugucuuuauug.....	1	1	H21
.....ucucacuaccuugucuuuauug.....	3	1	H21
.....ucucacuaccuugucuuuauug.....	1	1	H21
.....ucucacuaccuugucuuuauug.....	1	1	H21
.....ucGacuaccuugucuuuauug.....	10	1	H21
.....ucucUcuaccuugucuuuauug.....	1	1	H21
.....ucucacuaccuugucuuuauU.....	9	1	H21
.....ucucacuaccuugucuuuauug.....	11	1	H21
.....ucucacuaccuugucuuuUaug.....	4	1	H21
.....ucucCcuaccuugucuuuauug.....	4	1	H21
.....ucucacuaccuugucuuuauug.....	3	1	H21
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.....ucCacuaccuugucuuuauug.....	6	1	H21
.....ucucacuaccuugucuuuauug.....	3	1	H21
.....ucucacuaccuugucuuuauug.....	1	1	H21
.....ucucacuaccuugucuuuauug.....	1	0	H21
.....ucucacuaccuugucuuuauugU.....	20	1	H21
.....ucucacuaccuugucuuuauugA.....	9	1	H21
.....ucucacuaccuugucuuuauug.....	110	0	H21
.....ucucacuaccuugucuuuauugA.....	1	1	H21

Star

Mature

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.....cucacuaccuugucuuuauugc.....	1	0	H21
.....cucacuaccuugucuuuauugU.....	6	1	H21
.....ucacuaccuugucuuuauAg.....	1	1	H21
.....ucacGaccuugucuuuauug.....	1	1	H21
.....ucacuaccuugucuuuauug.....	114	0	H21
.....ucacuaccuugucuuuauugU.....	4	1	H21
.....acuaccuugucuuuauug.....	1	0	H21
.....			
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.....ugaagacauaggggugcgagau.....	2	0	H02
.....ugaagacauaggggugcgagau.....	4	0	H02
.....ugaagacauaggggugcgagau.....	2	0	H02
.....ugaagacauaggggugcgagauuccaguacauacacc.....	1	0	H02
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.....ugaauUacauaggggugcgagauuccaguacauacacca.....	1	1	H02
.....ugaagacauaggggugcgagauuccaguacauacacca.....	2	0	H02
.....ugaagacauaggggugcgagauuccaguacauacaccau.....	36	0	H02
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.....ugaagacauaggggugcgagauuccaguacauacaccauuu.....	1	0	H02
.....ugaagacauaggggugcgagauuccaguacauacaccauu.....	2	0	H02
.....ugaagacauaggggugcgagauuccaguacauacaccauuu.....	2	0	H02
.....gggugcgagauuccaguacauacac.....	1	0	H02
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.....aaucucacuaccuugucuuuauug.....	1	0	H02
.....auucucacuaccuugucuuuauug.....	1	0	H02
.....uucucacuaccuugucuuuau.....	1	0	H02
.....Cucucacuaccuugucuuuau.....	1	1	H02
.....Cucucacuaccuugucuuuauug.....	8	1	H02
.....uucucacuaccuugucuuuauug.....	41	0	H02
.....uucucacuaccuugucuuuauugA.....	1	1	H02
.....ucucacuaccuugucuuu.....	2	0	H02
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.....ucucacuaccuugucuuuau.....	143	0	H02
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.....ucucacuaccuugucuuuAu.....	13	1	H02
.....ucucacuaccuugucuuuGu.....	39	1	H02
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.....ucucacuaccuugucuuuAu.....	2	1	H02
.....ucucacuaccuuguuUuuuauug.....	4	1	H02
.....ucucacuaccuugucuuuCu.....	28	1	H02
.....ucucUcuaccuugucuuuauug.....	2	1	H02
.....ucucacuaAcuugucuuuauug.....	2	1	H02
.....ucAcacuaccuugucuuuauug.....	11	1	H02
.....ucucacuaccuugucuuuAu.....	1	1	H02
.....ucuAacuaccuugucuuuauug.....	3	1	H02
.....ucucacuaccuugucuuuucCug.....	12	1	H02
.....ucucacuaccuuguuAu.....	7	1	H02
.....ucucacuaccuugucuuuAu.....	40	1	H02
.....ucucacuaccuugucuuuauC.....	9	1	H02
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.....uGuacuacuaccuugucuuuauug.....	2	1	H02
.....ucucacuaccuugucuuuauAg.....	8	1	H02
.....ucucacuacGuugucuuuauug.....	2	1	H02
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.....uAuacuacuaccuugucuuuauug.....	4	1	H02
.....ucGacuacuaccuugucuuuauug.....	11	1	H02
.....ucucacuaccuugucuuuUaug.....	8	1	H02
.....ucucacuaccuuCucuuuauug.....	1	1	H02
.....Acucacuaccuugucuuuauug.....	3	1	H02
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.....ucucacuaccuugucuuuGaug.....	13	1	H02
.....uUucacuaccuugucuuuauug.....	2	1	H02
.....ucucacuaccuugucuuuucUug.....	5	1	H02

Star

Mature

agaagacaugaagaauugcucucagccguuugaagacauagguggcgagauuccaguaacauaccaauucucacuaccuugucuuuauugcggagugagcaccucuccg			
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.....ucucacCaccuugucuuuauug.....	4	1	H02
.....ucCcacuaccuugucuuuauug.....	4	1	H02
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.....ucucacuaccuugucuuuauA.....	11	1	H02
.....ucucacuaccuugucuuuauU.....	13	1	H02
.....ucuUacuaccuugucuuuauug.....	1	1	H02
.....ucucacuaccuugucuuucGug.....	5	1	H02
.....ucucacuGccuugucuuuauug.....	1	1	H02
.....ucucacuacAuugucuuuauug.....	1	1	H02
.....Gcucacuaccuugucuuuauug.....	2	1	H02
.....ucucacuaccCugucuuuauug.....	2	1	H02
.....Ccucacuaccuugucuuuauug.....	2	1	H02
.....ucucacuaccuugAcuuuauug.....	3	1	H02
.....ucucacuaccuugCcuuauug.....	3	1	H02
.....ucucacuaccuugucuuuauGg.....	6	1	H02
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.....ucucacuaccuugucuuuauugA.....	16	1	H02
.....ucucacuaccuugucuuuauugc.....	1	0	H02
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.....cucacuaccuugucuuuauca.....	2	0	H02
.....cuAacuaccuugucuuuauug.....	1	1	H02
.....cucacuaccuugucuuuauug.....	131	0	H02
.....cucacuGccuugucuuuauug.....	1	1	H02
.....cucacuaccuugucuuGaug.....	1	1	H02
.....cucacuaccuugucuuuauugU.....	16	1	H02
.....cucacuaccuugucuuuauugA.....	2	1	H02
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.....ucacuaccuugucuuuauug.....	79	0	H02
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.....ucacuaccuugucuuuGaug.....	1	1	H02
.....ucacuaccuugucuuuUaug.....	1	1	H02
.....ucacuacUuugucuuuauug.....	1	1	H02
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.....ucacuaccuugucuuuauugcU.....	1	1	H02
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.....acuaccuugucuuuauug.....	1	0	H02
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.....ugaaagacauggguggcgagaA.....	1	1	E22
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.....ugaaagacauggguggcgagauuccaguacauacaccauuccuacc.....	2	0	E22
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.....uucucacuaccuugucuuuauug.....	43	0	E22
.....Cucucacuaccuugucuuuauug.....	19	1	E22
.....uucucacuaccuugucuuuauugA.....	1	1	E22
.....uucucacuaccuugucuuuauugU.....	1	1	E22
.....ucucacuaccuugucuuu.....	2	0	E22
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.....ucucacuaccuugucuuuG.....	93	0	E22
.....ucucacuaccuugucuuuG.....	1	1	E22
.....ucucacuGccuugucuuuauca.....	1	1	E22
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.....ucucacuaccuugucuuuAau.....	2	1	E22
.....ucucacuaccuugucuuuauA.....	1	1	E22
.....ucucacuaccuugucuuuau.....	275	0	E22
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.....ucGcacuaccuugucuuuauca.....	2	1	E22
.....ucucacuaccuugCcuuauug.....	2	1	E22
.....ucucacuaccuugucuuuauAg.....	13	1	E22

Star

Mature

agaagacaugaagaauugcucucagccguuugaagacauggggcgagaguccaguaacauaccaauucucacuaccuugucuuuauaugcggagugagcaccucucg

.....ucucacuaccuugucuuuauA.....	6	1	E22
.....ucucacuaccuuguUuuuauaug.....	2	1	E22
.....ucucacuaccuugucuuCcaug.....	2	1	E22
.....ucucAuuaccuugucuuuauaug.....	4	1	E22
.....ucucacuGccuugucuuuauaug.....	2	1	E22
.....ucCcacuaccuugucuuuauaug.....	14	1	E22
.....ucucacuacUuuugucuuuauaug.....	2	1	E22
.....ucucacCaccuugucuuuauaug.....	4	1	E22
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.....ucucacuaccuGucuuuauaug.....	5	1	E22
.....ucucacuaccuAgucuuuauaug.....	1	1	E22
.....ucucacuaccuugucuuuauU.....	12	1	E22
.....ucucacuaGcuugucuuuauaug.....	2	1	E22
.....ucucacuaccuugucuuAucaug.....	43	1	E22
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.....ucuUacuaccuugucuuuauaug.....	4	1	E22
.....ucucacuaccuugucuuAucaug.....	2	1	E22
.....ucucacuaccuuAucuuuauaug.....	4	1	E22
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.....ucucAUuaccuugucuuuauaug.....	1	1	E22
.....Acucacuaccuugucuuuauaug.....	3	1	E22
.....ucuAacuaccuugucuuuauaug.....	6	1	E22
.....ucucAGuaccuugucuuuauaug.....	1	1	E22
.....ucucacuaccuugucuuuUaug.....	4	1	E22
.....ucucacuaccuugucuuuGaug.....	15	1	E22
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.....ucucacuaccuugucuuCucaug.....	28	1	E22
.....uAucacuaccuugucuuuauaug.....	5	1	E22
.....ucucacuaccuuCucuuuauaug.....	1	1	E22
.....ucucGcuaccuugucuuuauaug.....	3	1	E22
.....Ccucacuaccuugucuuuauaug.....	1	1	E22
.....ucucacuaccuugucuuuauC.....	9	1	E22
.....ucucUcuaccuugucuuuauaug.....	2	1	E22
.....ucucacuaccuugGcuuuuauaug.....	1	1	E22
.....ucucacuaccuugucuuuAuug.....	10	1	E22
.....ucucacuaccuugucuuucCug.....	16	1	E22
.....ucucacuUccuugucuuuauaug.....	1	1	E22
.....ucucacuaccuugAcuuuauaug.....	1	1	E22
.....ucGcacuaccuugucuuuauaug.....	10	1	E22
.....ucucacuaccuugucuuuauCaG.....	6	1	E22
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.....ucucacuacGuugucuuuauaug.....	2	1	E22
.....ucucacuaccuugucuuucGug.....	6	1	E22
.....ucucacuCccuugucuuuauaug.....	1	1	E22
.....ucucacuaccuugucuuuauaugG.....	1	1	E22
.....ucucacuaccuugucuuuauaugU.....	125	1	E22
.....ucucacuaccuugucuuuauaugc.....	11	0	E22
.....ucucacuaccuugucuuuauaugA.....	39	1	E22
.....ucucacuaccuugucuuuauaugcA.....	1	1	E22
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.....cucacuaccuugucuuuau.....	1	0	E22
.....cucacuaccuuguGuuuuauaug.....	1	1	E22
.....cucacuaccuugucuuGcaug.....	1	1	E22
.....Uucacuaccuugucuuuauaug.....	1	1	E22
.....cucacuaccuugucuuucCug.....	1	1	E22
.....cucacuaccuugucuuucUug.....	1	1	E22
.....cucacuaccuugucuuuauaug.....	200	0	E22
.....cucacuaccuugucuuuauaugc.....	4	0	E22
.....cucacuaccuugucuuuauaugA.....	5	1	E22
.....cucacuaccuugucuuuauaugU.....	39	1	E22

Star

Mature

agaagacaugaagaauugcucucagccguuugaagacaugggugcgagauuccaguucauacaccaauucucacuaccuugucuuucaugcggagugagcaccucuccg

.....u <u>cacua</u> ccuugucuuu <u>ca</u>	1	0	E22
.....u <u>cacua</u> ccuugucuuu <u>cau</u>	2	0	E22
.....u <u>cacua</u> ccuugucuuu <u>caG</u>	1	1	E22
.....u <u>cGcu</u> accuugucuuu <u>caug</u>	1	1	E22
.....u <u>cacua</u> ccuuguc <u>Au</u> u <u>caug</u>	1	1	E22
.....u <u>cacua</u> ccuugucuuu <u>caug</u>	194	0	E22
.....u <u>cacua</u> ccuugucuuu <u>caugU</u>	11	1	E22
.....u <u>cacua</u> ccuugucuuu <u>caugA</u>	2	1	E22
.....u <u>cacua</u> ccuugucuuu <u>caugCA</u>	1	1	E22
.....u <u>cacua</u> ccuugucuuu <u>caugcU</u>	4	1	E22
..... <u>cacu</u> accuugucuuu <u>caug</u>	2	0	E22
.....u <u>gaaagaca</u> ugggugcgag <u>a</u>	1	0	E23
.....u <u>gaaagaca</u> ugggugcgagauccaguucauacaccaa.....	1	0	E23
.....u <u>gaaagaca</u> ugggugcgagauccaguucauacaccaa <u>U</u>	1	1	E23
.....u <u>gaaagaca</u> ugggugcgagauccaguucauacaccaa <u>u</u>	8	0	E23
.....u <u>gaaagaca</u> ugggugcgagauccaguucauacaccaa <u>uucucacu</u> acc.....	1	0	E23
.....u <u>ucucacu</u> accuugucuuu <u>ca</u>	1	0	E23
.....u <u>ucucacu</u> accuugucuuu <u>cau</u>	4	0	E23
.....u <u>uuA</u> u <u>cacu</u> accuugucuuu <u>caug</u>	1	1	E23
.....u <u>ucucacu</u> accuugucuuu <u>caug</u>	31	0	E23
..... <u>Cu</u> c <u>u</u> ca <u>cua</u> ccuugucuuu <u>caug</u>	10	1	E23
.....u <u>cucacu</u> accuugucuuu <u>Ua</u>	1	1	E23
.....u <u>cucacu</u> accuugucuuu <u>G</u>	1	1	E23
.....u <u>cucacu</u> accuugucuuu <u>ca</u>	51	0	E23
.....u <u>cucacu</u> accuugucuuu <u>Gau</u>	1	1	E23
..... <u>Cu</u> c <u>u</u> ca <u>cua</u> ccuugucuuu <u>cau</u>	1	1	E23
.....u <u>cucacu</u> accuugucuuu <u>cau</u>	204	0	E23
.....u <u>cucacu</u> ac <u>Au</u> ugucuuu <u>cau</u>	1	1	E23
.....u <u>cucacu</u> accuugucuuu <u>caG</u>	7	1	E23
.....u <u>cucacu</u> accu <u>Au</u> cuuu <u>caug</u>	2	1	E23
.....u <u>cucacu</u> accuugucuuu <u>cG</u>	10	1	E23
.....u <u>G</u> u <u>cacu</u> accuugucuuu <u>caug</u>	1	1	E23
.....u <u>cucacu</u> accu <u>U</u> cuuu <u>caug</u>	3	1	E23
.....u <u>cucac</u> Caccuugucuuu <u>caug</u>	1	1	E23
.....u <u>c</u> A <u>cua</u> ccuugucuuu <u>caug</u>	6	1	E23
.....u <u>cucacu</u> Gccuugucuuu <u>caug</u>	2	1	E23
.....u <u>c</u> C <u>acu</u> accuugucuuu <u>caug</u>	4	1	E23
.....u <u>cucacu</u> accuugucuuu <u>Caug</u>	25	1	E23
.....u <u>A</u> u <u>cacu</u> accuugucuuu <u>caug</u>	1	1	E23
..... <u>G</u> c <u>u</u> ca <u>cua</u> ccuugucuuu <u>caug</u>	2	1	E23
.....u <u>cucacu</u> accuugucuuu <u>Au</u> u <u>caug</u>	27	1	E23
.....u <u>cucacu</u> Uccuugucuuu <u>caug</u>	2	1	E23
.....u <u>cucacu</u> accuugucuuu <u>cauU</u>	15	1	E23
..... <u>A</u> c <u>u</u> ca <u>cua</u> ccuugucuuu <u>caug</u>	2	1	E23
.....u <u>c</u> A <u>cacu</u> accuugucuuu <u>caug</u>	14	1	E23
.....u <u>cucacu</u> accuugucuuu <u>cauC</u>	5	1	E23
.....u <u>cucacu</u> a <u>A</u> c <u>u</u> ugucuuu <u>caug</u>	1	1	E23
.....u <u>cucacu</u> accuugucuuu <u>Gu</u> u <u>caug</u>	25	1	E23
.....u <u>cucacu</u> ac <u>U</u> uugucuuu <u>caug</u>	1	1	E23
.....u <u>U</u> u <u>cacu</u> accuugucuuu <u>caug</u>	1	1	E23
.....u <u>cucacu</u> accuugu <u>G</u> uuu <u>caug</u>	1	1	E23
.....u <u>cucacu</u> accuugucuuu <u>Ua</u> u <u>caug</u>	7	1	E23
.....u <u>cucacu</u> accuugucuuu <u>C</u> a <u>u</u> g.....	1	1	E23
.....u <u>c</u> u <u>ca</u> U <u>a</u> ccuugucuuu <u>caug</u>	1	1	E23
.....u <u>cucacu</u> aUcuugucuuu <u>caug</u>	1	1	E23
.....u <u>cucacu</u> accuugucuuu <u>caAg</u>	2	1	E23
.....u <u>cucacu</u> accuuguUuuu <u>caug</u>	4	1	E23
.....u <u>cucacu</u> accuugucuuu <u>caG</u>	4	1	E23
.....u <u>cucacu</u> accuugucuuu <u>Ga</u> u <u>g</u>	10	1	E23
.....u <u>cucacu</u> accuCGucuuu <u>caug</u>	2	1	E23
.....u <u>cucacu</u> a <u>A</u> uugucuuu <u>caug</u>	2	1	E23
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.....u <u>cucacu</u> accuuguc <u>Cu</u> u <u>caug</u>	2	1	E23
.....u <u>cucacu</u> accuug <u>A</u> cuuu <u>caug</u>	1	1	E23
..... <u>C</u> u <u>cacu</u> accuugucuuu <u>caug</u>	3	1	E23
.....u <u>c</u> uU <u>a</u> c <u>u</u> accuugucuuu <u>caug</u>	2	1	E23
.....u <u>cucacu</u> accuugCcuu <u>caug</u>	2	1	E23
.....u <u>cucacu</u> accuugucuuu <u>cG</u>	4	1	E23
.....u <u>cucacu</u> accuugucuuu <u>A</u> ca <u>u</u> g.....	1	1	E23

Star

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Star

Mature

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Mature

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.....cucacuaccuugucuuuauaugc.....	1	0	E14
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Mature

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.....ucacuaccuugucuuuGaug.....	1	1	E14
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.....ucacuaccuugucuuuauug.....	175	0	E14
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.....ucacuaccuugucuuuauugcU.....	5	1	E14
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Star

Mature

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Star

Mature

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Mature

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Mature

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Mature

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Star

Mature

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