



5'	uuaaagggauggagggcagaagaauaggucguuucguag	cuagcacucggccugugacuugug	uugcauuca	cauca	cagucagaguuc	cuagcu	acgcggcguccgaaacgg	-3'	obs	
	uuaaagggauggagggcagaagaauaggucguuucguag	cuagcacucggccugugacuugug	uugcauuca	cauca	cagucagaguuc	cuagcu	acgcggcguccgaaacgg		exp	
	uuaaagggauggagggcagaagaauaggucguuucguag	cuagcacucggccugugacuugug	uugcauuca	cauca	cagucagaguuc	cuagcu	acgcggcguccgaaacgg		known	
	.....(((((.....(((.....(((.....(((.....)))))))))))).)))))).....							reads	mm	sample
	.....cuagcacucggccuguaA.....							1	1	H54
	.....cuagcacucggccugugG.....							2	1	H54
	.....cuagcacucggccuguga.....							12	0	H54
	.....cuagcacucggccugugU.....							3	1	H54
	.....cuagcacucggccugugac.....							2	0	H54
	.....cuagAacucggccugugacu.....							1	1	H54
	.....cuagcacucggccugugacu.....							7	0	H54
	.....cuagcacucggccugugacuu.....							6	0	H54
	.....cuagcacucggccugugacuug.....							13	0	H54
	.....cuagAacucggccugugacuugu.....							1	1	H54
	.....cuagcacucggccugugaAuugu.....							1	1	H54
	.....cuagcacucggccugugacuugu.....							105	0	H54
	.....cuagcacucggccugugacuuguU.....							7	1	H54
	.....cuagcacucggccugugaAuugug.....							1	1	H54
	.....cuagcacucggccugugacuugug.....							56	0	H54
	.....cuagcacucggccugugacuuguA.....							12	1	H54
	.....cuagcacucggccugugacuAgu.....							1	1	H54
	.....cuagcacucggccugugacuugugA.....							2	1	H54
	.....cuagcacucggccugugacuugugG.....							1	1	H54
	.....cuagcacucggccugugacuugugu.....							12	0	H54
	.....cuagcacucggccugugacuuguguA.....							9	1	H54
	.....cuagcacucggccugugacuuguguu.....							14	0	H54
	.....cuagcacucggccugugacuuguUuu.....							2	1	H54
	.....cuagcacucggccugugacuugugcauuc.....							1	0	H54
	.....uagcacucggccugugacuugu.....							1	0	H54
	.....uagcacucggccugugacuugugu.....							1	0	H54
	.....Ccaucacagucagaguuc							1	1	H54
	.....caucacagucagaguuc							16	0	H54
	.....caucacagucagaguucua.....							17	0	H54
Uaucacagucagaguuc							1	1	H54
caucacCgucagaguuc							1	1	H54
caucacagucagaguuaug.....							1	1	H54

Star

Mature

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.....caucacagucagaguuCag.....	1	1	H54
.....caucacagucagaguuUuag.....	1	1	H54
.....caucacagucagaguuUg.....	1	1	H54
.....caucacagucagagAucuaag.....	4	1	H54
.....caucacaguAagaguuucuaag.....	1	1	H54
.....caucacagucagaguuGuag.....	1	1	H54
.....caucacagucagaguuCuGg.....	2	1	H54
.....cauGacagucagaguuucuaag.....	1	1	H54
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.....caucacagucagagUAucuaag.....	2	1	H54
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.....caucacagucagaguuCuCgc.....	4	1	H54
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Star

Mature

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Star

Mature

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.....caucacagucagaguuCuagcuU.....	33	1	B13
.....aucacagucagaguuCuagcu.....	2	0	B13
.....ucacagucagaguuCuagcu.....	1	0	B13
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.....cuagcacucggccuguga.....	6	0	H73
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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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.....caucCagucagaguuacuagc.....	1	1	E03
.....caucacagucagaguuCuUgcu.....	3	1	E03
.....cUucacagucagaguuacuagcu.....	1	1	E03
.....caucacagucagaguuacuagcC.....	4	1	E03
.....caAacagucagaguuacuagcu.....	4	1	E03
.....caucacagucagaguuacuagcG.....	3	1	E03
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.....caucacagucagaguuCaagcu.....	1	1	E03
.....caucCcagucagaguuacuagcu.....	2	1	E03
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.....caucacagucagaguuCuGgcu.....	2	1	E03
.....caucacagucagaguuCuUcu.....	2	1	E03
.....caucacaCucagaguuacuagcu.....	1	1	E03
.....caucacagAacagaguuacuagcu.....	1	1	E03
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Star

Mature

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.....caucacagucagaguuaagcu.....	4	1	E03
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.....caucacagucagaguucuaagcu.....	3063	0	E03
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.....aucacagucagaguucuaagcu.....	7	0	E03
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.....cuagcacucggccugugacuugC.....	1	1	H44
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.....cuagcacucggccugugacuuguA.....	21	1	H44
.....cuagcacucggccugugacuuguU.....	3	1	H44
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.....cuagcacucggccugugacuugugC.....	17	1	H44
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.....cuagcacucggccugugacuuguguA.....	18	1	H44
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.....cuagcacucggccugugacuugugAu.....	3	1	H44
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.....caucacagucagaguAu.....	1	1	H44
.....caucacagucagaguucua.....	23	0	H44

Mature

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caucacagucagaguuaAuag	4	1	H44
caucacagucagaguucuaU	3	1	H44
caucacagucGgaguucuaG	1	1	H44
caucCcagucagaguucuaG	2	1	H44
caucUcagucagaguucuaG	1	1	H44
caucacagucagaguucuaG	3356	0	H44
caAcacagucagaguucuaG	6	1	H44
caucacagucaCaguucuaG	1	1	H44
cauAcacagucagaguucuaG	1	1	H44
caucacagucagaguucuaC	1	1	H44
caucacagucagaguuaGuag	3	1	H44
caucacagCcagaguucuaG	2	1	H44
caucacaCucagaguucuaG	1	1	H44
caucacagucUgaguucuaG	1	1	H44
caucacagucagaguucuaCg	3	1	H44
caucacagucagaguAcuaG	1	1	H44
caucacagucagaguuaUuag	2	1	H44
caucacaguGagaguucuaG	1	1	H44
caucacagucagaUuucuaG	1	1	H44
caucacaguAagaguucuaG	1	1	H44
caCcacagucagaguucuaG	1	1	H44
caucacGgucagaguucuaG	1	1	H44
caucacagucagaguucuaA	8	1	H44
cUucacagucagaguucuaG	1	1	H44
caucacUgucagaguucuaG	1	1	H44
caucacagucagaguucuaGg	1	1	H44
AaucacagucagaguucuaG	1	1	H44
caucacagucagaCuucuaG	1	1	H44
caucacagucagagAucaG	8	1	H44
caucGcagucagaguucuaG	5	1	H44
caucacaUucagaguucuaG	3	1	H44
cauUacagucagaguucuaG	1	1	H44
caucacagucagagCucuaG	3	1	H44
caucacaAuacagaguucuaG	1	1	H44
caucaUagucagaguucuaG	1	1	H44
caucacagucagaguGcuag	1	1	H44
caGcacagucagaguucuaG	4	1	H44
caucacagucagaguuaGuagc	4	1	H44
AaucacagucagaguucuaGc	1	1	H44
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caucaUagucagaguucuaGc	1	1	H44
caucacagucagaguuaUuagc	3	1	H44
caucacagCcagaguucuaGc	1	1	H44
cUucacagucagaguucuaGc	1	1	H44
caucacagucagaguucuaGU	80	1	H44
caucacagucagaguucuaUc	3	1	H44
caucUcagucagaguucuaGc	4	1	H44
caucacagucagaguucuaGA	76	1	H44
caucacagucagaguucuaUgc	1	1	H44
caucacagucagaguuaAuagc	7	1	H44
caucacagucagagAucaGc	2	1	H44
caucacagucagaguucuaGc	4158	0	H44
caucCcagucagaguucuaGc	1	1	H44
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caucaAagucagaguucuaGc	1	1	H44
caucacaUucagaguucuaGc	4	1	H44
caucacagucagaguuaAGc	1	1	H44
caucacaguUagaguucuaGc	2	1	H44
caucGcagucagaguucuaGc	8	1	H44
UaucacagucagaguucuaGc	2	1	H44
caucacagucagagGucaGc	4	1	H44
caucacagucagaguucuaGgc	2	1	H44
caucacaAuacagaguucuaGc	2	1	H44
caucacagucGgaguucuaGc	1	1	H44
caucacagucagaguGcuagc	1	1	H44
caucacagucagaUuucuaGc	1	1	H44
caAcacagucagaguucuaGc	11	1	H44
caucacagucagUguucuaGc	1	1	H44

Star

Mature

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.....caucacagucagaguu <u>cuagG</u>	1	1	H44
.....caucacaguGagaguu <u>cuagc</u>	1	1	H44
.....caCcacagucagaguu <u>cuagc</u>	3	1	H44
.....caucacagucUgaguu <u>cuagc</u>	1	1	H44
.....caucacagucagaguuCagcu.....	1	1	H44
.....cGucacagucagaguu <u>cuagcu</u>	1	1	H44
.....caucacaguAagaguu <u>cuagcu</u>	2	1	H44
.....cauUacagucagaguu <u>cuagcu</u>	1	1	H44
.....caucacagucagaguu <u>cuagcG</u>	10	1	H44
.....Uaucacagucagaguu <u>cuagcu</u>	1	1	H44
.....caucacagucagaguA <u>cuagcu</u>	1	1	H44
.....caucacagCagaguu <u>cuagcu</u>	2	1	H44
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.....caucacagucagaguu <u>cuacCcu</u>	2	1	H44
.....caucacaguGagaguu <u>cuagcu</u>	1	1	H44
.....caucUcagucagaguu <u>cuagcu</u>	4	1	H44
.....caAcacagucagaguu <u>cuagcu</u>	15	1	H44
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.....caucaAagucagaguu <u>cuagcu</u>	1	1	H44
.....caucacaUucagaguu <u>cuagcu</u>	5	1	H44
.....caucacaAucagaguu <u>cuagcu</u>	4	1	H44
.....cauAacagucagaguu <u>cuagcu</u>	5	1	H44
.....caucacagucagaguu <u>cuagcA</u>	190	1	H44
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.....caucacagucagaguuA <u>uagcu</u>	11	1	H44
.....caucacagucagagG <u>uc<u>uagcu</u></u>	12	1	H44
.....caCcacagucagaguu <u>cuagcu</u>	13	1	H44
.....caucacagucGgaguu <u>cuagcu</u>	1	1	H44
.....caucacagucagUguu <u>cuagcu</u>	2	1	H44
.....caucacagucagaguuC <u>agcu</u>	1	1	H44
.....caucacagucagaguuC <u>gcu</u>	8	1	H44
.....caucaUagucagaguu <u>cuagcu</u>	2	1	H44
.....caucCcacagucagaguu <u>cuagcu</u>	5	1	H44
.....caucGcacagucagaguu <u>cuagcu</u>	21	1	H44
.....caucacagucagaguu <u>cuagGu</u>	6	1	H44
.....caucacagucagagA <u>uc<u>uagcu</u></u>	8	1	H44
.....caucacagucagaguu <u>cuagcu</u>	10229	0	H44
.....caucacagucagaguC <u>uagcu</u>	2	1	H44
.....caucacagucagGguu <u>cuagcu</u>	1	1	H44
.....caucacagucagaguuU <u>uagcu</u>	5	1	H44
.....caucacagucagaguu <u>cuagAu</u>	12	1	H44
.....Aaucacagucagaguu <u>cuagcu</u>	2	1	H44
.....caucacagucaCaguu <u>cuagcu</u>	2	1	H44
.....caucacagucaAaguu <u>cuagcu</u>	2	1	H44
.....caucacagucaUaguu <u>cuagcu</u>	4	1	H44
.....caucacagucagaguu <u>cuagcC</u>	9	1	H44
.....caucacagucagaUuu <u>cuagcu</u>	3	1	H44
.....caucacagucagaguuC <u>ugcu</u>	3	1	H44
.....caucacagucagagCucu <u>agcu</u>	6	1	H44
.....caucacagucagaguuC <u>gcu</u>	11	1	H44
.....caucacagucagaguu <u>cuagUu</u>	7	1	H44
.....caucacaCucagaguu <u>cuagcu</u>	2	1	H44
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.....aucacagucUgaguu <u>cuag</u>	1	1	H44
.....aucacagucagaguu <u>cuag</u>	11	0	H44
.....aucacagucagaguu <u>cuagc</u>	16	0	H44
.....aucacagucagaguu <u>cuagcu</u>	21	0	H44
.....aucacagucagaguu <u>cuagcuU</u>	1	1	H44

Star

Mature

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.....acagucagaguucuaG.....	4	0	H44
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.....cuagcacucggccugugG.....	3	1	H63
.....cuagcacucggccuguga.....	9	0	H63
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.....cuagcacucggccugugacu.....	14	0	H63
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Star

Mature

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.....caGcacagucagaguuuagcu.....	9	1	H63
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.....caucUcagucagaguuuagcu.....	2	1	H63
.....caucCcagucagaguuuagcu.....	4	1	H63
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.....caucacagucagagCucagcu.....	4	1	H63
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.....caAacagucagaguuuagcu.....	7	1	H63
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.....Gaucacagucagaguuuagcu.....	1	1	H63
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.....caucacagucagaguuGuagcu.....	4	1	H63
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.....caucacagucagaguuuagcG.....	11	1	H63
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.....caucacagucagaguucucGgc.....	1	1	B04
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Mature

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	caucacagucagaguuCuUcu	1	1	H01
	caCcacagucagaguuCuagcu	5	1	H01
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	caucacagucUgaguuCuagcu	2	1	H01
	caucacaUucagaguuCuagcu	5	1	H01
	GaucacagucagaguuCuagcu	1	1	H01
	cGucacagucagaguuCuagcu	1	1	H01
	AaucacagucagaguuCuagcu	5	1	H01
	cauGacagucagaguuCuagcu	2	1	H01
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	caucacaAucagaguuCuagcu	2	1	H01
	caucacagucAUaguuCuagcu	3	1	H01
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	caucUcagucagaguuCuagcu	1	1	H01
	caucCcagucagaguuCuagcu	2	1	H01
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	caAacagucagaguuCuagcu	17	1	H01
	caucacagucagaguuCuAcu	8	1	H01
	caucaAagucagaguuCuagcu	4	1	H01
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	cauUacagucagaguuCuagcu	1	1	H01
	caucGcagucagaguuCuagcu	2	1	H01
	caucacagucagaguuAucagcu	1	1	H01
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	caucacagucagaguuGuagcu	36	1	H01
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	caucacagucagaguuUuagcu	22	1	H01
	caucacagucagaguuCuagcC	12	1	H01
	cauAacagucagaguuCuagcu	5	1	H01
	caGcacagucagaguuCuagcu	7	1	H01
	caucacaCucagaguuCuagcu	2	1	H01
	caucacUgucagaguuCuagcu	1	1	H01
	caucacagucagGguuuCuagcu	1	1	H01
	caucacagucagaguuCuagAu	16	1	H01
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	caucaGagucagaguuCuagcu	4	1	H01
	caucacagucagaguuCuagGu	6	1	H01
	caucacagucagaguuCuagcA	27	1	H01
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	caucacGgucagaguuCuagcu	1	1	H01
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	caucacagucagaguuCuagcuC	14	1	H01
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	aucacagucagaguuCuagcu	31	0	H01
	aucacagucagaguuCuagcuU	1	1	H01
	acagucagagAucuaagcu	1	1	H01
	acagucagaguuCuagcu	12	0	H01
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Star

Mature

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Mature

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Mature

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Mature

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Mature

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Mature

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Mature

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Mature

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Mature

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Mature

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Mature

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.....cuagcacucggccugugacuuguU.....	2	1	H71
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Mature

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Mature

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Mature

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Star

Mature

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Star

Mature

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Mature

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Mature

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Mature

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Mature

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Mature

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.....caucGcagucagaguuuagcu.....	5	1	H41
.....caucacagucCgaguuuagcu.....	1	1	H41
.....cUucacagucagaguuuagcu.....	1	1	H41
.....caucacagucagagCucuagcu.....	6	1	H41
.....Gaucacagucagaguuuagcu.....	2	1	H41
.....caucacagucagaguuGuagcu.....	5	1	H41
.....cGucacagucagaguuuagcu.....	1	1	H41
.....caucacUgucagaguuuagcu.....	3	1	H41
.....caucacagucagaguuuagcA.....	114	1	H41
.....caucacGgucagaguuuagcu.....	1	1	H41
.....caucacagucagaguuuagcC.....	5	1	H41
.....caucacagucagaguuCcuagcu.....	1	1	H41
.....caucacagucagaguuuagcAa.....	7	1	H41
.....caucacagucagaguuuagcuG.....	1	1	H41
.....caucacagucagaguuuagcuU.....	389	1	H41
.....caucacagucagaguuuagcuua.....	16	0	H41
.....caucacagucagCguuucagcuua.....	1	1	H41
.....caucacagucagaguuuagcCa.....	1	1	H41
.....caucacagucagaguuuagcuC.....	12	1	H41
.....caucacagucagaguuuagcuuaA.....	4	1	H41
.....caucacagucagaguuuagcuuaU.....	1	1	H41
.....aucacagucagaguuuag.....	8	0	H41
.....aucacagucagaguuuagc.....	4	0	H41
.....aucacagucagaguuuagcu.....	10	0	H41
.....acagucagaguuuagcu.....	7	0	H41
.....cuagcacucggccugugacu.....	1	0	A04
.....cuagcacucggccugugacuu.....	1	0	A04
.....cuagcacucggccugugacuug.....	9	0	A04
.....cuagcacucggccugugacuugu.....	6	0	A04
.....cuagcacucggccugugacuuUu.....	1	1	A04
.....cuagcacucggccugugacuugug.....	3	0	A04
.....cuagcacucggccugugacuuguA.....	1	1	A04
.....cuagcacucggccugugacuuguU.....	1	1	A04
.....cuagcacucggccugugacuugugu.....	3	0	A04
.....cuagcacucggccugugacuuguguu.....	8	0	A04
.....cuagcacucggccugugacuuguUuu.....	1	1	A04
.....cuagcacucggccugugacuuguguA.....	2	1	A04
.....Ccaucacagucagaguuuagcu.....	1	1	A04
.....caucacagucagaguuuua.....	2	0	A04
.....caucacagucagaguuuAag.....	2	1	A04
.....caucacagucagaguuuuaA.....	1	1	A04
.....caucacagucagaguuGuag.....	1	1	A04
.....Gaucacagucagaguuuag.....	1	1	A04
.....caucacagucagaguuuag.....	170	0	A04
.....caGcagucagaguuuagc.....	1	1	A04
.....caucacagucagaguuuagc.....	218	0	A04
.....caucacagucagaguuuCuGc.....	1	1	A04
.....caucacagucagaguuuagU.....	1	1	A04
.....caucacagucagaguuuagAu.....	2	1	A04
.....caAacagucagaguuuagcu.....	7	1	A04
.....caCcacagucagaguuuagcu.....	1	1	A04
.....Gaucacagucagaguuuagcu.....	2	1	A04
.....caucacagucagaguuuuaCcu.....	1	1	A04
.....caucacagucagaguuuAagcu.....	5	1	A04
.....caucacagucagaguuuagcu.....	1786	0	A04
.....caucacagucagaguuGuagcu.....	1	1	A04
.....caucacagucagaguuuuaAcu.....	1	1	A04
.....caucacagucagaguuuagcu.....	1	1	A04
.....caucacagucagaguuUuagcu.....	5	1	A04
.....caucacagucagaguuuagUu.....	1	1	A04
.....caucaAagucagaguuuagcu.....	2	1	A04
.....caucacagucagaguuCcuagcu.....	1	1	A04
.....caucaUagucagaguuuagcu.....	1	1	A04
.....caucacagucUgaguuuagcu.....	1	1	A04
.....caucacagCagaguuuagcu.....	2	1	A04
.....caucaGagucagaguuuagcu.....	2	1	A04
.....Aaucacagucagaguuuagcu.....	1	1	A04
.....caucacagucagagGucagcu.....	1	1	A04

Star

Mature

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.....cauAacagucagaguuc <u>uagcu</u>	2	1	A04
.....caucacagucagaguuc <u>uUgcu</u>	1	1	A04
.....caucacagucagaguuc <u>uagcA</u>	3	1	A04
.....caucacagucagaguuc <u>uaUcu</u>	1	1	A04
.....caucacagucagaguuc <u>uagcG</u>	2	1	A04
.....caucacagucagaguuc <u>uGgcu</u>	1	1	A04
.....caucacagucagaguuc <u>uCgcu</u>	3	1	A04
.....cGucacagucagaguuc <u>uagcu</u>	1	1	A04
.....caucacagucagaguuc <u>uagcC</u>	1	1	A04
.....caucacaguUagaguuc <u>uagcu</u>	1	1	A04
.....caucacagucagaguuc <u>uagcuU</u>	103	1	A04
.....caucacagucagaguuc <u>uagcuaA</u>	1	1	A04
.....aucacagucagaguuc <u>uagcu</u>	8	0	A04
.....acagucagaguuc <u>uagcu</u>	3	0	A04
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.....cuagcacucggccuguga.....	2	0	T74
.....cuagcacucggccugugac.....	1	0	T74
.....cuagcacucggccugugaU.....	1	1	T74
.....cuagcacucggccugugacu.....	5	0	T74
.....cuagcacucggccugugacuu.....	3	0	T74
.....cuagcacucggccugugacuuU.....	2	1	T74
.....cuagcacucggccugugacuug.....	8	0	T74
.....cuagcacucggccugugacuugu.....	1	0	T74
.....cuagcacucggccugugacuuguA.....	1	1	T74
.....cuagcacucggccugugacuuguug.....	6	0	T74
.....cuagcacucggccugugacuuguugu.....	2	0	T74
.....cuagcacucggccuguUacuuguguu.....	1	1	T74
.....cuagcacucggccugugacuuguUuu.....	1	1	T74
.....cuagcacucggccugugacuuguuguu.....	5	0	T74
.....cuagcacucggccugugacuuguuguA.....	1	1	T74
.....cuagcacucggccugugacuuguuguucauu.....	1	0	T74
.....caucacagucagaguuc <u>ua</u>	1	0	T74
.....caucacagucagaguuc <u>Ug</u>	1	1	T74
.....Uaucacagucagaguuc <u>uag</u>	1	1	T74
.....caucacagucagaguuc <u>uag</u>	370	0	T74
.....caGcacagucagaguuc <u>uag</u>	1	1	T74
.....caAacagucagaguuc <u>uag</u>	1	1	T74
.....caucacagucagagu <u>uA</u> ag.....	2	1	T74
.....caucacagucagagu <u>uU</u> ag.....	1	1	T74
.....caucacagucagaguuc <u>uaA</u>	2	1	T74
.....caucacagucagagu <u>uG</u> ag.....	2	1	T74
.....caCcacagucagaguuc <u>uag</u>	1	1	T74
.....caucacaUucagaguuc <u>uag</u>	2	1	T74
.....caucaGagucagaguuc <u>uag</u>	1	1	T74
.....caucacGgucagaguuc <u>uag</u>	1	1	T74
.....Aaucacagucagaguuc <u>uagc</u>	1	1	T74
.....caucacagucagUguuc <u>uagc</u>	1	1	T74
.....caucacagucagaguuc <u>uagA</u>	3	1	T74
.....caucacagucagagu <u>uG</u> agc.....	1	1	T74
.....caucacagucagaguuc <u>Cgc</u>	1	1	T74
.....caucacagucagaguuc <u>uagc</u>	330	0	T74
.....caucacagCagaguuc <u>uagc</u>	1	1	T74
.....caucacagucagagu <u>uA</u> agc.....	2	1	T74
.....Uaucacagucagaguuc <u>uagcu</u>	1	1	T74
.....cauAacagucagaguuc <u>uagcu</u>	2	1	T74
.....caucacagucagaguA <u>c</u> uagcu.....	1	1	T74
.....Gaucacagucagaguuc <u>uagcu</u>	1	1	T74
.....caucaAagucagaguuc <u>uagcu</u>	2	1	T74
.....caucacagucagaguuc <u>uagcA</u>	35	1	T74
.....caucacagucagagu <u>uU</u> agcu.....	2	1	T74
.....caucacagucagaguuc <u>uaA</u> cu.....	2	1	T74
.....caucacagucagaguucCag <u>cu</u>	1	1	T74
.....caucacagucagaguuc <u>uagcC</u>	2	1	T74
.....caucacaUucagaguuc <u>uagcu</u>	1	1	T74
.....caucacagucagaguuc <u>Cgcu</u>	1	1	T74
.....caucacagucagaguuc <u>uagU</u>	1	1	T74
.....caucCagucagaguuc <u>uagcu</u>	1	1	T74
.....caucacaguAagaguuc <u>uagcu</u>	1	1	T74
.....caucacagucagagu <u>uA</u> agcu.....	6	1	T74

Star

Mature

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.....caucacagucagaguuc <u>uag</u> Åu.....	1	1	T74
.....caucacagucagaguuc <u>uagc</u> G.....	3	1	T74
.....caucacagucaCaguuc <u>uagcu</u>	1	1	T74
.....caCcacagucagaguuc <u>uagcu</u>	1	1	T74
.....caGcacagucagaguuc <u>uagcu</u>	3	1	T74
.....caucacagucagaguuc <u>uagcu</u>	1604	0	T74
.....caucacagucagagu <u>u</u> Guagcu.....	4	1	T74
.....caucacagucagaguuc <u>uagcu</u> G.....	1	1	T74
.....caucacagucagaguuc <u>uagcu</u> U.....	45	1	T74
.....caucacagucagaguuc <u>uagc</u> Åa.....	5	1	T74
.....caucacagucagaguuc <u>uagcu</u> a.....	14	0	T74
.....caucacagucagaguuc <u>uagcu</u> C.....	1	1	T74
.....auÅacagucagaguuc <u>uag</u>	1	1	T74
.....aucacagucagaguuc <u>uag</u>	1	0	T74
.....aucacagucagaguuc <u>uagc</u>	2	0	T74
.....acagucagaguuc <u>uagcu</u>	3	0	T74
.....acGgucagaguuc <u>uagcu</u>	1	1	T74
.....cuagcacucggccugug <u>U</u>	1	1	T73
.....cuagcacucggccugug <u>G</u>	1	1	T73
.....cuagcacucggccugug <u>acu</u>	3	0	T73
.....cuagcacucggccugug <u>acuu</u>	1	0	T73
.....cuagcacucggccugug <u>acuug</u>	6	0	T73
.....cuagcacucggccugug <u>acuugu</u>	10	0	T73
.....cuagcacucggccugug <u>acuugug</u>	6	0	T73
.....cuagcacucggccugug <u>acuugugu</u>	2	0	T73
.....cuagcacucggccugug <u>acuuguUuu</u>	1	1	T73
.....cuagcacucggccugug <u>acuuguguu</u>	1	0	T73
.....cuagcacucggccugug <u>acuuguguÅ</u>	1	1	T73
.....caucacagucagaguuc <u>u</u>	1	0	T73
.....caucacagucagaguuc <u>ua</u>	2	0	T73
.....caucacaguÅagaguuc <u>uag</u>	1	1	T73
.....caucacagucagaguuc <u>u</u> Cg.....	1	1	T73
.....caucacagucagagu <u>u</u> Guag.....	2	1	T73
.....caucacagucagaguuc <u>ua</u> Å.....	3	1	T73
.....caucacagucagaguuc <u>uag</u>	393	0	T73
.....caucacagucagagu <u>u</u> Åuag.....	1	1	T73
.....caucacaUucagaguuc <u>uag</u>	1	1	T73
.....caucacagucagaguuc <u>ua</u> U.....	2	1	T73
.....caucacagucagaguuc <u>uag</u> G.....	1	1	T73
.....caucacagucagaguuc <u>uag</u> U.....	2	1	T73
.....caucacaguÅagaguuc <u>uagc</u>	1	1	T73
.....caucacagucagaguuc <u>uagc</u>	466	0	T73
.....caucacagucagaguuc <u>u</u> Ggc.....	1	1	T73
.....caGcacagucagaguuc <u>uagc</u>	1	1	T73
.....caucacagucagagu <u>u</u> Uuagc.....	3	1	T73
.....caÅcacagucagaguuc <u>uagc</u>	3	1	T73
.....caucacagucagaguuc <u>ua</u> Uc.....	1	1	T73
.....caucacagucagaguuc <u>uag</u> Å.....	1	1	T73
.....caucacagCcagaguuc <u>uagc</u>	1	1	T73
.....caucacagucagagu <u>u</u> Guagc.....	1	1	T73
.....caucacagucagaguuc <u>ua</u> Åcu.....	3	1	T73
.....caucacagucagaguuc <u>uagc</u> C.....	1	1	T73
.....caucacagucagaguuc <u>u</u> Gcu.....	2	1	T73
.....cUucacagucagaguuc <u>uagcu</u>	1	1	T73
.....cGucacagucagaguuc <u>uagcu</u>	1	1	T73
.....caucacagucagagu <u>u</u> Åuagcu.....	2	1	T73
.....caucacagucagaguuc <u>u</u> Cgcu.....	5	1	T73
.....caucacagucagaguuc <u>uagc</u> G.....	1	1	T73
.....caucacagucagagÅuc <u>uagcu</u>	1	1	T73
.....cauÅacagucagaguuc <u>uagcu</u>	1	1	T73
.....caÅcacagucagaguuc <u>uagcu</u>	3	1	T73
.....caucacagucagaguuc <u>u</u> Ggcu.....	2	1	T73
.....caucacagucagaÅuuc <u>uagcu</u>	1	1	T73
.....caucacagucagagu <u>u</u> Uuagcu.....	5	1	T73
.....caucacGgucagaguuc <u>uagcu</u>	1	1	T73
.....caucacagucagaguuc <u>ua</u> Ucu.....	2	1	T73
.....caucacagucagagu <u>u</u> Guagcu.....	8	1	T73
.....caucacagucagaguuc <u>uag</u> Åu.....	3	1	T73

Star

Mature

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.....cauUacagucagaguuucuaagcu.....	1	1	T73
.....caucacagucagaguuucuaagcu.....	1838	0	T73
.....caucaAagucagaguuucuaagcu.....	1	1	T73
.....caucacagucagaguuucuaagcGa.....	1	1	T73
.....caAcacagucagaguuucuaagcua.....	1	1	T73
.....caucacagucagaguuucuaagcuU.....	70	1	T73
.....caucacagucagaguuucuaagcuC.....	4	1	T73
.....caucacaUucagaguuucuaagcua.....	1	1	T73
.....caucacagucagaguuucuaagcua.....	11	0	T73
.....caucacagucagaguuucuaagcAa.....	13	1	T73
.....caucacagucagaguuucuaagcuaU.....	1	1	T73
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.....aucacagucagaguuucuaagcu.....	1	0	T73
.....ucacagucagaguuucuaagcu.....	1	0	T73
.....acagucagaguuucuaagcu.....	2	0	T73
.....aagaauaggucguuucguag.....	1	0	E04
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.....cuagcacucggccugugacu.....	10	0	E04
.....cuagcacucggccugugacuu.....	1	0	E04
.....cuagcacucggccugugacuug.....	9	0	E04
.....cuagcacucggccugugacuugu.....	17	0	E04
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.....caucacagucagaguuuca.....	4	0	E04
.....caucacagucagaguuucG.....	1	1	E04
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.....caucacagucagagUucuaagc.....	2	1	E04
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.....caucacagGcagaguuucuaagc.....	1	1	E04
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.....caucacagucagaguuucUgcu.....	7	1	E04
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Star

Mature

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.....Uaucacagucagaguucuaagcu.....	3	1	E04
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.....caucacagucagagAucuaagcu.....	3	1	E04
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.....caucacagucagaguucuaagcA.....	10	1	E04
.....caucacagucagaguucuaagcG.....	2	1	E04
.....caucacagucagaguuAuagcu.....	11	1	E04
.....caucacagucagaguuUuagcu.....	4	1	E04
.....cauGacagucagaguucuaagcu.....	1	1	E04
.....caucacagucagaaAuucuaagcu.....	1	1	E04
.....caucacagucagCguucuaagcu.....	1	1	E04
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.....caucacagucUgaguucuaagcu.....	1	1	E04
.....caucacagucagUguucuaagcu.....	1	1	E04
.....caucacagucagaguucuaagcua.....	8	0	E04
.....caucacagucagaguucuaagcuC.....	14	1	E04
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Mature

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.....caucGcagucagaguuuacg.....	1	1	H04
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Star

Mature

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.....caucacagucagagaAuucuaagcu.....	2	1	H04
.....caucacagucagaguAcuagcu.....	1	1	H04
.....caucacagucagaguuuagAu.....	18	1	H04
.....caucacagucagaguuuagcA.....	39	1	H04
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.....cauGacagucagaguuuagcu.....	1	1	H04
.....caucacagucagCguuucuaagcu.....	2	1	H04
.....caucacagucagaguuuGgcu.....	10	1	H04
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Mature

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Mature

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caucacagucagaguAucuagcu	4	1	H62
caucacaUucagaguuccuagcu	12	1	H62
caucacaAucagaguuccuagcu	13	1	H62
caucacagucagaguuccuagcG	9	1	H62
caucacagucagGguuccuagcu	3	1	H62
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caGcacagucagaguuccuagcu	21	1	H62
caucacagucagaguUuccuagcu	4	1	H62
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caucacagucagaguuccuUgcu	9	1	H62
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cauGacagucagaguuccuagcu	2	1	H62
caCcacagucagaguuccuagcu	13	1	H62
caucGcacagucagaguuccuagcu	10	1	H62
caucacagAcagaguuccuagcu	2	1	H62
caucacagucagaguuccuagcuU	595	1	H62
caucacagucagaguuccuagcCa	1	1	H62
caucacagucagaguuccuagcuC	20	1	H62
caucacagucagaguuccuagcuG	2	1	H62
caucacagucagaguuccuagcua	13	0	H62
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caucacagucagaguuccuagcuaU	5	1	H62

Star

Mature

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Star

Mature

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.....caucacagucagaguu.....	2	1	H42
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.....caucacagucagaguu.....	15	1	H42
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Star

Mature

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Star

Mature

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Star

Mature

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.....caucacagucagaguucuaG.....	1	1	H11

Star

Mature

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.....aucacagucagaguucuaagc.....	1	0	H11
.....aucacagucagaguucuaagcA.....	1	1	H11
.....aucacagucagaguucuaagcu.....	15	0	H11
.....ucacagucagaguucuaagcu.....	1	0	H11
.....acagucagaguucuaagcu.....	9	0	H11
.....acagucagaguucuaagcuU.....	2	1	H11
.....cuagcacucggccugugU.....	1	1	E12
.....cuagcacucggccugugac.....	1	0	E12
.....cuagcacucggccugugacu.....	9	0	E12
.....cuagcacucggccugugacuU.....	1	0	E12
.....cuagcacucggccugugacuug.....	4	0	E12
.....cuagcacucggccugugacuugA.....	2	1	E12
.....cuagGacucggccugugacuugU.....	1	1	E12
.....cuagcacucggccugugacuugu.....	10	0	E12
.....cuagcacucggccugugacuugug.....	14	0	E12
.....cuagcacucggccugugacuugugC.....	1	1	E12
.....cuagcacucggccugugAacuugugu.....	1	1	E12
.....cuagcacucggccugugacuuguUu.....	1	1	E12
.....cuagcacucggccugugacuugugu.....	7	0	E12
.....cuagcacucggccugugacuuguguA.....	1	1	E12
.....cuagcacucggccugugacuuguguu.....	2	0	E12
.....Ccacacagucagaguucuaagcu.....	3	1	E12
.....caucacagucagaguucu.....	1	0	E12
.....caucacagucagaguucCa.....	1	1	E12
.....caucacagucagaguucua.....	8	0	E12
.....caucacagucagaguUuag.....	1	1	E12
.....caucacagucagaguAuaag.....	2	1	E12
.....caucacagucagaguucuCg.....	1	1	E12
.....caucacaUucagaguucuaag.....	1	1	E12
.....caucacagucagagAucuaag.....	2	1	E12
.....caucacaAucagaguucuaag.....	1	1	E12
.....caucacagucagagGucuaag.....	1	1	E12
.....caucGcagucagaguucuaag.....	1	1	E12
.....caucUcagucagaguucuaag.....	1	1	E12
.....caucacagucagaguucuaag.....	397	0	E12
.....Uaucacagucagaguucuaag.....	1	1	E12
.....caCcacagucagaguucuaag.....	1	1	E12
.....caucacagucagaguucuaagA.....	3	1	E12
.....caucacagucagaUuucuaagc.....	1	1	E12
.....caucacagucagaguucUgc.....	2	1	E12
.....caGcacagucagaguucuaagc.....	1	1	E12
.....cauAacagucagaguucuaagc.....	1	1	E12
.....caucacagucagaguucuaagU.....	2	1	E12
.....caucacagucagaguCcuagc.....	1	1	E12
.....caucacagucagagAucuaagc.....	2	1	E12
.....caucaAagucagaguucuaagc.....	1	1	E12
.....caCcacagucagaguucuaagc.....	1	1	E12
.....caucacaguUagaguucuaagc.....	1	1	E12
.....cGucacagucagaguucuaagc.....	1	1	E12
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.....caucacagucGgaguucuaagc.....	1	1	E12
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.....caucGcagucagaguucuaagc.....	2	1	E12
.....cauUacagucagaguucuaagc.....	1	1	E12
.....caCcacagucagaguucuaagcu.....	7	1	E12
.....caucacagucagagAucuaagcu.....	10	1	E12
.....caucacagucagaguucuaagcC.....	3	1	E12
.....caucacaUucagaguucuaagcu.....	2	1	E12
.....caucacagucagagCucuagcu.....	3	1	E12
.....caucGcagucagaguucuaagcu.....	8	1	E12
.....caucacaCucagaguucuaagcu.....	4	1	E12
.....caucacagucagaguCcuagcu.....	4	1	E12
.....caucacagucagaguucUgcu.....	4	1	E12
.....caucacagucagaguucCagcu.....	3	1	E12
.....caucacagucagaguAuaagcu.....	15	1	E12
.....caucacagucagaguucuaagAu.....	10	1	E12
.....caucacagucagaguUuagcu.....	1	1	E12
.....Aaucacagucagaguucuaagcu.....	1	1	E12

Star

Mature

uuaaagggauggagggcagaagaauaggucguuucguagcuagcacucggccugugacuuguguugcauuca	caucacagucagaguuucua	gcua	cgccgucguccgaaacgg	
.....caucCcagucagaguuucua	gcu.....	6	1	E12
.....caucacagucUgaguuucua	gcu.....	3	1	E12
.....caucacagucagGguuucua	gcu.....	1	1	E12
.....caucacagucagaguuucua	Acu.....	1	1	E12
.....caucacagucagaguuucGgu	.....	10	1	E12
.....caucacaguUagaguuucua	gcu.....	2	1	E12
.....cGuacagucagaguuucua	gcu.....	1	1	E12
.....caucacagucagaguAcua	gcu.....	2	1	E12
.....caucacagucagaguuucua	gcu.....	8767	0	E12
.....caucacagCcagaguuucua	gcu.....	2	1	E12
.....caucacagucaCaguucua	gcu.....	1	1	E12
.....caucacagucagaguuucua	Ucu.....	2	1	E12
.....caucacagucagaguuucua	gUu.....	3	1	E12
.....caAcacagucagaguuucua	gcu.....	11	1	E12
.....caucacagucagagGguucua	gcu.....	8	1	E12
.....caucacagucagaUuucua	gcu.....	2	1	E12
.....caucacagucagaguuGu	gcu.....	10	1	E12
.....caucacagucagaguuucua	Ccu.....	1	1	E12
.....Gaucacagucagaguuucua	gcu.....	1	1	E12
.....cUucacagucagaguuucua	gcu.....	1	1	E12
.....caucacagucagaguuucua	gGu.....	7	1	E12
.....caucacagucagaguuucua	gAc.....	15	1	E12
.....caucacagucagaguuucua	gG.....	5	1	E12
.....caucacagucaUaguuucua	gcu.....	2	1	E12
.....caucacaguAagaguuucua	gcu.....	2	1	E12
.....caucacaAucagaguuucua	gcu.....	5	1	E12
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.....caGcacagucagaguuucua	gcu.....	11	1	E12
.....caucacagucagUguucua	gcu.....	2	1	E12
.....caucacGguacagaguuucua	gcu.....	2	1	E12
.....caucUcagucagaguuucua	gcu.....	3	1	E12
.....cauAacagucagaguuucua	gcu.....	3	1	E12
.....caucacagucagaguuucua	gcua.....	7	0	E12
.....caucacagucagaguuucua	C.....	5	1	E12
.....caucacagucagaguuucua	gU.....	204	1	E12
.....caucacagucagaguuucua	gU.....	1	1	E12
.....caucacagucagaguuucua	gUc.....	1	1	E12
.....aucacagucagaguuucua	g.....	4	0	E12
.....aucacagucagaguuucua	gac.....	3	0	E12
.....aucacagucagaguuucua	gcu.....	13	0	E12
.....ucacagucagaguuucua	gcu.....	1	0	E12
.....acagucagaguuucua	gcu.....	5	0	E12
.....acagucaUaguuucua	gcu.....	1	1	E12