



Mature

	-3'	obs	
		exp	
	reads	mm	sample
5'-aaaccaacggaguuuuauuggugaugggagacgcaaacaaaggguugugacauguuaucugaauccacauaucacagccagcucuucucuaucgccacacu			
aaaccaacggaguuuuauuggugaugggagacgcataacaaaggguugugacauguuaucugaauccacauaucacagccagcucuucucuaucgccacacu			
.....(((((((((((.(.(((((((.((((((((.((((.....)))))).)))))))).)))))))..))))))))))....			
...caacggaguuuuauuggugaugggagacg.....	1	0	R72
.....caaacaaaggguugugacau.....	5	0	R72
.....caaacaaaggguugugacaug.....	9	0	R72
.....caaacaaaggguugugacaugC.....	1	1	R72
.....caaacaaaggguugugacaugA.....	1	1	R72
.....caaacaaaggguugugacaugu.....	6	0	R72
.....caaacaaaggguugugacaugu.....	1	1	R72
.....caaacaaaggguugugacauguu.....	1	0	R72
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.....caaacaaaggguugugacauguuauucugaauccacauaucacagccGgc.....	1	1	R72
.....caaacaaaggguugugacauguuauucugaauccacauaucacagccagc.....	5	0	R72
.....ugaauccacauaucacagccagcuuugugacuu.....	1	0	R72
.....cauauccacagccagcuuugugac.....	1	0	R72
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.....auauccacagccagcuuugugacu.....	3	0	R72
.....Cuauccacagccagcuuugugacu.....	6	1	R72
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.....uauccacagccagcuuuAuugacu.....	11	1	R72
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.....uauccacagccagcuuuCuugacu.....	5	1	R72
.....uauccacagcGagcuuugugacu.....	1	1	R72
.....uauccacagccagcuuugugacC.....	1	1	R72
.....Gauccacagccagcuuugugacu.....	1	1	R72
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.....uauccacagccaCcuuugugacu.....	1	1	R72

Star

Mature

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.....uauacacagccagcucuugugUcu.....	2	1	R72
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.....uauacacagccagcucuugugacC.....	4	1	H74
.....uauacacagcUagcucuugugacu.....	1	1	H74
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.....uauacacagccagcucuugugacA.....	3	1	H74
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Star

Mature

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.....uauacacagccagcuuAguugacu.....	2	1	H74
.....uauacacagccagcuuuguuUacu.....	2	1	H74
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.....uauacacagccagcuuuguugaUu.....	1	1	H74
.....uauacacaCccagcuuuguugacu.....	2	1	H74
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.....uauacacagccagcuuUuugacu.....	1	1	H74
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.....uauacacagccagcuuuguugacG.....	6	1	H74
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.....caaacaaagggguugugacauguuUu.....	2	1	H73
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.....uauacacagcUagcuuuguugacu.....	1	1	H73
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.....uaAacacagccagcuuuguugacu.....	9	1	H73
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Star

Mature

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.....	uauacacagccagcuGuguugacu.....	5	1	H73
.....uauacacagccagcuuuguugCcu.....	1	1	H73
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Star

Mature

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Star

Mature

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.....uauacacagccagcuAugugac.....	1	1	H54
.....uauacacagccagcuuGguugacu.....	4	1	H54
.....uauacacagccagcguuugugacC.....	10	1	H54
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Star Mature

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.....caaacaaagggguugugacauguA	3	1	H44	
.....Aaacaaagggguugugacauguu	1	1	H44	
.....caaacaaagggguugugacaugAu	1	1	H44	
.....caaacaaagggguugugacauguuU	6	1	H44	
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.....caaacaaagggguugugacauguuuau	1	0	H44	
.....caaacaaagggguugugacauguuuauU	1	1	H44	
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.....aaacaaagggguugugacaugu	1	0	H44	
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.....uuauucugaauccacaua	uacacagccagcuu	uguugacuU	1	1
.....ugaauccacaua	uacacagccagcuu	uguugac	1	0
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.....Cua	uacacagccagcuu	uguugac	2	1
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.....ua	uacacagccagcuu	guuC	1	1
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.....ua	uacacagccagcuu	uguugaA	1	1
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.....ua	uacacagccagcuu	uguugCc	1	1
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.....ua	uacacagccagcuu	uguGgacu	8	1
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.....ua	uacacagccagcuu	uguugaAu	2	1

Star

Mature

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.....uacacagcAagcuuugugacu.....	1	1	H44
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.....uacacagccagcCuugugacu.....	10	1	H44
.....uacacagccagcAuuugugacu.....	1	1	H44
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.....uacacaCccagcucuugugacu.....	3	1	H44
.....uacacagccagcucuugugacu.....	5	1	H44
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Star

Mature

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Star

Mature

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.....	uuuuauuggugauggagacg.....	3	0	E71	
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Star

Mature

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.....	..caaacaaggggCuugugacaug.				1	1	B02
.....	..caaacaaggggguugacaug.				21	0	B02
.....	..caaacaaggggguugacaugu.				20	0	B02
.....	..caaacaaaCggguugugacauguu.				1	1	B02
.....	..caaacaaggggguuguUacauguu.				1	1	B02
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.....uaucacagccagcuuGguugacu.				1	1	B02
.....uaucacaAccagcuuuguugacu.				2	1	B02
.....uaucacagccagcuuuguugacC.				3	1	B02
.....uaucacagccagcuuuguugacu.				4938	0	B02
.....uaUGacagccagcuuuguugacu.				1	1	B02
.....uaucacagccagAuuguugacu.				2	1	B02
.....uaucacagccagcuuUuugacu.				6	1	B02
.....uaucacagccagcuuuguugCcu.				2	1	B02
.....uaucacagAcagcuuuguugacu.				1	1	B02
.....uaucaUagccagcuuuguugacu.				2	1	B02
.....uaucacagccagGuuguugacu.				1	1	B02
.....uaucacagccagcCuuguugacu.				4	1	B02
.....uaucacagccGgcuuuguugacu.				1	1	B02
.....uaucacagccagcuuuguugacuA.				3	1	B02
.....uaucacagccagcuuuguugacuG.				1	1	B02
.....uaucacagccagcuuuguugacuC.				1	1	B02
.....uaucacagccagcuuuguugacuu.				37	0	B02
.....ucacagccagcuuuguugacu.				2	0	B02
.....acagccagcuuuguugacu.				6	0	B02
.....cagccagcuuuguugacu.				1	0	B02
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Star

Mature

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.....caaacaaggggguugugaca.....			1	0	H21
.....caaacaaggggguugugacau.....			11	0	H21
.....caaacaaggggguugugacaug.....			32	0	H21
.....caaacaaggggguugugacauU.....			1	1	H21
.....caaacaaggggguugugacauC.....			1	1	H21
.....caaacaaggggguugugacauUu.....			1	1	H21
.....caaacaaggggguugugacaugu.....			31	0	H21
.....caaacaaggggguugugacauguu.....			10	0	H21
.....caaacaaggggguugugacauguuauucugaauccac.....			1	0	H21
.....caaacaaggggguugugacauguuauucugaauccacU.....			1	1	H21
.....caaacaaggggguugugacauguuauucugaauccaca.....			2	0	H21
.....caaacaaggggguugugacauguuauucugaauccacaua	caacagUcagc.....		1	1	H21
.....caaacaaggggguugugacauguuauucugaauccacaua	caacagccagc.....		23	0	H21
.....caaacaaggggguugugacauUacauguuauucugaauccacaua	caacagccagc.....		1	1	H21
.....caaaaaggggguugugacauguuauucugaauccacaua	caacagccagc.....		1	1	H21
.....aaaaggggguugugacaugu.....			1	0	H21
.....aaaggggguugugacauguuauucugaauccacaua	caacagccagcuuug.....		1	0	H21
.....uuauucugaauccacaua	caacagccagcuuugugacu.....		4	0	H21
.....uauucugaauccacaua	caacagccagcuuugugacu.....		1	0	H21
.....aua	caacagccagcuuugugac.....		4	0	H21
.....aua	caacagccagcuuugugacu.....		8	0	H21
.....Cua	caacagccagcuuugugacu.....		36	1	H21
.....Cua	caacagccagcuuugugacuu.....		1	1	H21
.....uau	caacagccagcuuugug.....		6	0	H21
.....uau	cacUgccagcuuuguga.....		1	1	H21
.....uau	cacAaccagcuuuguga.....		1	1	H21
.....uau	caacagccagcuuuguga.....		3	0	H21
.....ua	Ccagccagcuuuguga.....		1	1	H21
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.....uau	Ccagccagcuuugugac.....		1	1	H21
.....uau	caacagccaAcuuugugacu.....		1	1	H21
.....uau	caacagccagcuuugugacG.....		16	1	H21
.....uau	caacagccagGuuugugacu.....		1	1	H21
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.....uau	caacagccagcuuuUugacu.....		8	1	H21
.....ua	Gcagccagcuuugugacu.....		12	1	H21
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.....uau	caacagccagcuuugugacC.....		7	1	H21
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.....uau	Cgagccagcuuugugacu.....		12	1	H21
.....Gau	caacagccagcuuugugacu.....		1	1	H21
.....ua	Acagccagcuuugugacu.....		17	1	H21
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.....uau	caacagccagcuuuCuugacu.....		3	1	H21
.....uau	caacagcGagcuuugugacu.....		2	1	H21
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.....uau	caacagccagcuCugugacu.....		3	1	H21
.....uau	cacAaccagcuuugugacu.....		4	1	H21
.....uau	caUagccagcuuugugacu.....		4	1	H21
.....uau	caacagccagcuuuAguugacu.....		7	1	H21
.....Cau	caacagccagcuuugugacu.....		1	1	H21
.....uau	caacagccagUuuugugacu.....		1	1	H21
.....ua	Ccagccagcuuugugacu.....		10	1	H21
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.....uau	caacagccGgcuuugugacu.....		1	1	H21
.....uGuc	caacagccagcuuugugacu.....		2	1	H21
.....Aau	caacagccagcuuugugacu.....		1	1	H21
.....uau	cacAUccagcuuugugacu.....		5	1	H21
.....uau	cacCgccagcuuugugacu.....		1	1	H21
.....uau	caacagccagcuuugCgacu.....		5	1	H21
.....uau	caacagccagcuuugCugacu.....		2	1	H21

Star

Mature

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.....uaucaacagccagcucuuguuAacu.....	3	1	H21
.....uaucaacagccagcucuuguuGacu.....	2	1	H21
.....uaucaacagccCgcuuuuguugacu.....	5	1	H21
.....uaucaacagccagcCuuguugacu.....	13	1	H21
.....uaucaacagccagcucuuguuGacA.....	7	1	H21
.....uaucaacagccagcucuuguuGaUu.....	1	1	H21
.....uaucaacagccagcucuuguuGcCu.....	4	1	H21
.....uaucaacagccagcucuuguuGacu.....	10128	0	H21
.....uaucaacaCccagcucuuguuGacu.....	3	1	H21
.....uaucaacagccagAuuuuguugacu.....	2	1	H21
.....uaucaacagccagcucuuguuGcu.....	2	1	H21
.....uaucaacagccagcucuCguugacu.....	1	1	H21
.....uaucaacagccagcucuuguuGagacu.....	18	1	H21
.....uaucaacagccagcucuuguuGgacu.....	9	1	H21
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.....uauAacagccagcucuuguuGacu.....	2	1	H21
.....uaucaacagccagcAuuguugacu.....	1	1	H21
.....uaucaacagccagcucuuguuGacuA.....	13	1	H21
.....uaucaacagccagcCuuguugacu.....	1	1	H21
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Star

Mature

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.....uauacacagccagcucuugugaGu.....	23	1	E22
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.....uauacacagccagcuAguugacu.....	1	1	E22
.....uauacacagccUgcuugugacu.....	3	1	E22
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Star

Mature

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Star

Mature

aaaccaacggaguuuuuauuggugauggagacgcaaacaaagggguugugacauguuauucugaauccacauaucacagccagcuuuguagacuucucuaucgccacacuu

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..... <u>uaucA</u> agccagcuuuguugacu.....	2	1	H02
..... <u>uaucacagccagc</u> uuuguugacG.....	39	1	H02
..... <u>uGucacagccagc</u> uuuguugacu.....	2	1	H02
..... <u>uaucacagccG</u> cuuuguugacu.....	4	1	H02
..... <u>uaucacagccagc</u> uuuguuUacu.....	11	1	H02
..... <u>uauU</u> acagccagcuuuguugacu.....	1	1	H02
..... <u>uaucacaU</u> ccagcuuuguugacu.....	8	1	H02
..... <u>uaucacagccagc</u> uuuguuAAcu.....	6	1	H02
..... <u>uaucU</u> cagccagcuuuguugacu.....	1	1	H02
..... <u>uaGc</u> acagccagcuuuguugacu.....	19	1	H02
..... <u>uaucacagccagc</u> uuugAugacu.....	2	1	H02
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..... <u>uaucacagccagc</u> uuugCugacu.....	1	1	H02
..... <u>uauG</u> acagccagcuuuguugacu.....	1	1	H02
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..... <u>uaucacagccagc</u> uCuuguugacu.....	1	1	H02
..... <u>uaucacU</u> gccagcuuuguugacu.....	2	1	H02
..... <u>uaA</u> cacagccagcuuuguugacu.....	20	1	H02
..... <u>uaucacagccagc</u> Cuuguugacu.....	14	1	H02
..... <u>uaucacagccC</u> gcuuuguugacu.....	2	1	H02
..... <u>uCu</u> cacagccagcuuuguugacu.....	1	1	H02
..... <u>uaucacagccagc</u> uuuguAgacu.....	5	1	H02
..... <u>uaucacagccagc</u> uuuguuCaCu.....	1	1	H02
..... <u>uaucacagccagc</u> uuuguugaGu.....	10	1	H02
..... <u>uaucacagccagc</u> uuuguugGcu.....	7	1	H02
..... <u>uaucacagccagc</u> uuuCuugacu.....	26	1	H02
..... <u>uU</u> cacagccagcuuuguugacu.....	3	1	H02
..... <u>uaucacagccaC</u> uuuguugacu.....	1	1	H02
..... <u>uaucacaC</u> ccagcuuuguugacu.....	2	1	H02
..... <u>uaucacagccagc</u> uuCguugacu.....	1	1	H02
..... <u>uaucacagccagc</u> uuuguugacC.....	3	1	H02
..... <u>G</u> aucacagccagcuuuguugacu.....	1	1	H02
..... <u>uaucacagccagc</u> uuuguGgacu.....	8	1	H02
..... <u>uaucacagccagc</u> uuuguCgacu.....	6	1	H02
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..... <u>uaucacagccagc</u> Auuguugacu.....	1	1	H02
..... <u>C</u> aucacagccagcuuuguugacu.....	1	1	H02
..... <u>uaucacagcA</u> gcuuuguugacu.....	3	1	H02
..... <u>uaucacagccagc</u> uuuAuugacu.....	48	1	H02
..... <u>uaCc</u> acagccagcuuuguugacu.....	9	1	H02
..... <u>uaucacagcU</u> agcuuuguugacu.....	8	1	H02
..... <u>uaucacaA</u> ccagcuuuguugacu.....	2	1	H02
..... <u>uaucacagccagc</u> uuuguugCcu.....	9	1	H02
..... <u>uaucG</u> cagccagcuuuguugacu.....	2	1	H02
..... <u>uaucacagccagc</u> uuuguugaUu.....	9	1	H02
..... <u>uaucacagccagc</u> uuuguugaAu.....	11	1	H02
..... <u>uaucacC</u> gccagcuuuguugacu.....	1	1	H02
..... <u>uaucacagccagc</u> uuuguugacuu.....	90	0	H02
..... <u>uaucacagccagc</u> uuuguugacuG.....	2	1	H02
..... <u>uaucacagccagc</u> uuuguugacuC.....	3	1	H02
..... <u>uaucacagccagc</u> uuuguugacuA.....	10	1	H02
..... <u>uaAc</u> acagccagcuuuguugacuu.....	1	1	H02
..... <u>uaucacagccagc</u> uuuguugaAu.....	1	1	H02
..... <u>uaucacagccagc</u> uuuguugacuuG.....	3	1	H02
..... <u>uaucacagccagc</u> uuuguugacuuU.....	2	1	H02
..... <u>a</u> ucacagccagcuuuguugacu.....	2	0	H02
..... <u>u</u> cacagccagcuuuguugacu.....	1	0	H02
..... <u>u</u> cacagccagcuuuguugacuuc.....	1	0	H02
..... <u>c</u> acagccagcuuuguugacu.....	1	0	H02
..... <u>a</u> cagccagcuuuguugacu.....	12	0	H02
..... <u>c</u> agccagcuuuguugacu.....	3	0	H02
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.....caaacaaagggguugugacau.....	6	0	E23
.....caaacaaagggguugugacauU.....	1	1	E23
.....caaacaaagggguugugacaug.....	20	0	E23
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Star

Mature

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.....	caaacaagggguugugacauguu	aaucugaauccaca	uaucacagccagc	2	0	E23
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.....	uau	cacagccagcuuuguugaAu	13	1	E23
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.....	Au	cacagccagcuuuguugacu	2	1	E23
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.....	uG	cacagccagcuuuguugacu	1	1	E23
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Star

Mature

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Mature

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Star

Mature

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Star

Mature

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Mature

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.....uauacacagccagcucuuguGgacu.....	11	1	H51
.....uauAacagccagcucuuguugacu.....	4	1	H51
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.....uaAcacagccagcucuuguugacu.....	20	1	H51
.....uauacacagccagcucuuguCgacu.....	14	1	H51
.....uauacacagccagcuuuUuugacu.....	7	1	H51
.....uaGcacagccagcucuuguugacu.....	25	1	H51
.....uUucacagccagcucuuguugacu.....	1	1	H51
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.....uauacacagccagcucuuguuAacuu.....	1	1	H51
.....uauacacagccagcucuuguugacuA.....	57	1	H51
.....uauacacagccagcucuuguugacuG.....	1	1	H51

Star

Mature

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.....uauacacagccagcuuuguuAgacuu.....		1	1	H51
.....uauacacagccagcuuuguugacuu.....		317	0	H51
.....uauacacagccagcuuuguugacuuU.....		33	1	H51
.....uauacacagccagcuuuguugacuuA.....		2	1	H51
.....uauacacagccagcuuuguugacuuG.....		16	1	H51
.....uauacacagccagcuuuguugacuuGu.....		1	1	H51
.....uauacacagccagcuuuguugacuuUu.....		11	1	H51
.....uauacacagccagcuuuguugacuuAu.....		2	1	H51
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.....acagccagcuuuguugacu.....		9	0	H51
.....cagccagcuuuguugacu.....		3	0	H51
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.....caaacaaagggguugugacau.....		23	0	H24
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.....caaacaaagggguugugacauU.....		5	1	H24
.....caaGcaagggguugugacaug.....		1	1	H24
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.....caaacaaagggguugugacaugG.....		2	1	H24
.....caCacaaagggguugugacaugu.....		1	1	H24
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.....uucugaa.....Cauacacagccagcuuuguugac.....		1	1	H24
.....uauCcagccagcuuuguugac.....		1	1	H24
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Star

Mature

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Star

Mature

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.....uauucacagccagAuuguugacu.....	3	1	R71

Star

Mature

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Star

Mature

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auCucacagccagcuuuguuga					1
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Cuaucacagccagcuuuguugac					1
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Cuaucacagccagcuuuguugacu					58
Cuaucacagccagcuuuguugacuu					1
uauca	cagccagcuuuguu				2
uauca	cagccagcuuuguug				3
uauca	cagccagcuuCuuga				1
uauca	cagccagcuuuguuga				18
Cauca	cagccagcuuuguugac				1
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uauca	cagccagcuuUuugac				1
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uGuca	cagccagcuuuguugacu				6
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uauca	cagccagcuuCuugacu				43
uauca	cagccUgcuuuguugacu				2
uauca	cagccagcuuuguugacG				33
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uauca	cagccagcuuuguugaUu				9
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uauca	cagccagcuuUuugacu				36
uauca	cagccagcuuuguugacA				9
uauca	cagccagcuuuguAagacu				22
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uauca	cagcGagcuuuguugacu				2
uauca	caAccagcuuuguugacu				5
uauC	Ucagccagcuuuguugacu				7
uauca	cagUcagcuuuguugacu				2
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Star

Mature

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Mature

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Star

Mature

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Star

Mature

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Star

Mature

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