



5'	agaagauaucgagggccugucguagcugcgacuuuugguacaguugaauaucuguaucaaaagucacagcuugcgauauacucucgaacaagucgaccaauguugcuuua	-3'	obs	
	agaagauaucgagggccugucguagcugcgacuuuugguacaguugaauaucuguaucaaaagucacagcuugcgauauacucucgaacaagucgaccaauguugcuuua		exp	
	.....(((((((.(((((((((((.(((((((((((((((. ....))))))))))))))))))))))))))))).(((.(((((. ...)))))))).	reads	mm	sample
	.....cguagcugcgacuuuuggua.....	1	0	A23
	.....cguagcugcgacuuuugguac.....	8	0	A23
	.....cguagcugcgacuuuugguaca.....	24	0	A23
	.....uaucaaaaagucacagcuug.....	1	0	A23
	.....uaucaaaaagucacagcuugcg.....	2	0	A23
	.....uaucaaaaagucacagcuugcgau.....	1	0	A23
	.....Cguagcugcgacuuuugguaca.....	1	1	H13
	.....cguagcugcgacuuuuggua.....	6	0	H13
	.....cguagcugcgacuuuugguac.....	96	0	H13
	.....cguagcugcgacuuuCGuac.....	2	1	H13
	.....cgAagcugcgacuuuugguac.....	1	1	H13
	.....cguagcugcgacuuuugguaUa.....	1	1	H13
	.....cguagcugcgacuuuugguacC.....	2	1	H13
	.....cguagcugcgUcuuugguaca.....	1	1	H13
	.....cguagcugcgacuuuugguacU.....	2	1	H13
	.....cguagcugcgacuuuUguaca.....	1	1	H13
	.....cguagcugcgacuuuugguaca.....	154	0	H13
	.....cguagcugcgacuuuugguacaU.....	1	1	H13
	.....cguagcugcgacuuuugguacag.....	5	0	H13
	.....cguagcugcgacuuuugguacaCu.....	1	1	H13
	.....cguagcugcgacuuuugguacagu.....	1	0	H13
	.....cguagcugcgacuuuugguacaguugaauaucuguaucaaaag.....	1	0	H13
	.....cguagcugcgacuuuugguacaguugaauaucuguaucaaaagucacagc.....	2	0	H13
	.....guagcugcgacuuuugguaca.....	2	0	H13
	.....guagcugcgacuuuugguacag.....	2	0	H13
	.....guaucaaaaagucacagcuug.....	3	0	H13
	.....uaucaaaaagucacagcuug.....	2	0	H13
	.....uaucaaaaagucacagcuugcg.....	2	0	H13
	.....uaucaaaaagucacagcuugcgau.....	3	0	H13
cguagcugcgacuuuuggua.....	1	0	A52
cguagcugcgacuuuugguac.....	3	0	A52

Mature

Star

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.cguagcugcgacuuuugguacC				1	1	A52
.cguagcugcgacuuuugguacU				3	1	A52
.cguagcugcgacuuuugguacag				1	0	A52
.Cuaucaaaagucacagcuug				1	1	A52
.uaucaaaagucacagcuugc				3	0	A52
.uaucaaaagucacagcuugcg				1	0	A52
.uaucaaaagucacagcuugcga				2	0	A52
.cguagcugcgacuuuuggua				5	0	A42
.cguagcugcgacuuuugguaU				1	1	A42
.cguagcugcgacuuuugguac				19	0	A42
.cguagcugcgacuuuugguacC				1	1	A42
.cguagcugcgacuuuugguacU				3	1	A42
.cguagcugcgacuuuugguaca				21	0	A42
.uaucaaaagucacagcuug				1	0	A42
.uaucaaaagucacagcuugc				4	0	A42
.uaucaaaagucacagcuugcg				1	0	A42
.uaucaaaagucacagcuugcga				3	0	A42
.cguagcugcgacuuuuggua				10	0	E21
.cguagcugcgacuuuCguac				1	1	E21
.cguagcugcgacuuuugguac				95	0	E21
.cguagcugcAacuuuugguaca				1	1	E21
.cguagAugcgacuuuugguaca				1	1	E21
.cguagcugcgacuuuugguacC				2	1	E21
.cguagcugcgacuuuCguaca				1	1	E21
.cguagcugcgacuuuugguaca				299	0	E21
.cguagcugcgacuuuugguaGa				1	1	E21
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.guaucaaaagucacagcuugcg				2	0	E21
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.Cguagcugcgacuuuugguac				1	1	H22
.cguagcugcgacuuuuggua				17	0	H22
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.cguagcugcgacuuuugguacU				5	1	H22
.cgAagcugcgacuuuugguaca				1	1	H22
.cguagcugcgacuuuugguacC				9	1	H22
.cguagcugcgacuuAugguaca				1	1	H22
.cguagcugcgacuuuugguacag				8	0	H22
.cguagcugcgacuuuugguacaU				2	1	H22
.cguagcugcgacuuuugguacaA				1	1	H22
.cguagcugcgacuuuugguacaguugauuauucuguauca				1	0	H22
.cguagcugcgacuuuugguacaguugauuauucuguaucaaaU				1	1	H22
.cguagcugcgacuuuugguacaguugauuauucuguaucaaaa				6	0	H22
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.cguagcugcgacuuuugguacaguugauuauucuguaucaaaaag				4	0	H22
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.guagcugcgacuuuugguacag				10	0	H22
.guagcugcgacuuuugguacaguugauuauucuguaucaaaaag				6	0	H22
.guaucaaaagucacagcuug				1	0	H22

Mature

Star

agaagauaucgagggccugcguagcugcgacuuuugguacaguuggauuaucuguaucaaaaagucacagcuugcggauauacucucgaacaagucgaccaauguugcuuuu

.....g <u>u</u> aucaaaaagucacagcuugc.....	1	0	H22
.....uaucaaaaagucacagcuug.....	4	0	H22
.....uaucaaaaagucacagcuugc.....	7	0	H22
.....uaucaaaaagucacagcuugcga.....	2	0	H22
.....uaucaaaaagucacagcuugcgaC.....	1	1	H22
.....uaucaaaaagucacagcuugcga <u>u</u>	2	0	H22
.....aucaaaaagucacagcuug.....	1	0	H22
.....cguagcugcgcacuuuugg.....	1	0	E11
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.....cguagcugcgcUcuu <u>u</u> ugguaca.....	1	1	E11
.....cguagcugcgcacuuuugguacU.....	5	1	E11
.....cguagcugcgcacuuuugguacC.....	1	1	E11
.....Uguagcugcgcacuuuugguaca.....	1	1	E11
.....cguagcugcgcacuuuugguaGa.....	1	1	E11
.....cguagcugcgcacuuuuggGa <u>c</u> a.....	2	1	E11
.....cguagcuUcgacuuuugguaca.....	1	1	E11
.....cguagcugcgcacuuuugguacag.....	16	0	E11
.....cguagcugcgcacuuuugguacagu.....	1	0	E11
.....cguagcugcgcacuuuugguacaguu <u>g</u> auuau <u>c</u> uguauc <u>u</u> aaaa.....	1	0	E11
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.....cguagcugcgcacuuuuggCa <u>c</u>	1	1	H64
.....cguagcugcgcacuuuuggA <u>u</u> ac.....	1	1	H64
.....cguaCcu <u>g</u> cgcacuuuugguaca.....	1	1	H64
.....cguagcugcgcacuuCuggu <u>a</u> ca.....	1	1	H64
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.....cguagcugcgcUcuu <u>u</u> ugguaca.....	2	1	H64
.....cguagcugcgcacuuGuggu <u>a</u> ca.....	1	1	H64
.....cguagcugcgcacuuuuggA <u>a</u> ca.....	1	1	H64
.....cguagcugcgcacuuuugguacC.....	4	1	H64
.....cguagcugcgcacuuuAggu <u>a</u> cag.....	1	1	H64
.....cguagcugcgcacuuuugguacag.....	15	0	H64
.....cguagcugcgcacuuuugguacaU.....	1	1	H64
.....cguagcugcgcacuuuugguacaguu <u>g</u> auuau <u>c</u> uguauc <u>u</u> aaaa.....	1	0	H64
.....guagcugcgcacuuuugguac.....	2	0	H64
.....guagcugcgcacuuuugguaca.....	5	0	H64
.....guagcugcgcacuuuugguacC.....	1	1	H64
.....guagcugcgcacuuuugguacag.....	5	0	H64
.....guagcugcgcacuuuugguacaguu <u>g</u> auuau <u>c</u> uguauc.....	1	0	H64
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.....guaucaaaaagucacagcuugc.....	1	0	H64
.....guaucaaaaagucacagcuugcU.....	1	1	H64
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.....uaucaaaaagucacagcuugcga.....	10	0	H64
.....uaucaaaaagucacagcuugcga <u>u</u>	3	0	H64
.....uaucaaaaagucacagcuugcga <u>u</u> G.....	1	1	H64
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.....cguagcugcgcacuuuuggCa.....	1	1	A24
.....cgGagcugcgcacuuuugguac.....	1	1	A24
.....cguagcugcgcacuuuugguac.....	9	0	A24
.....cguagcugcgcacuuuugguaU.....	1	1	A24
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Mature

Star

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.....uaucaaaagucacagcuugcgau.....	1	0	A24
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.....cguagcugcgacuuuugguac.....	4	0	A61
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.....uaucaaaagucacagcuugcg.....	1	0	A61
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.....cguagcugcgacuuuugguac.....	104	0	E23
.....cguagcugcgacuuuugguacU.....	1	1	E23
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.....cguagcugcgacuuuugguCca.....	1	1	E23
.....cgGagcugcgacuuuugguaca.....	1	1	E23
.....cguagcugcgacuuuugguacC.....	2	1	E23
.....cguagUugcgacuuuugguaca.....	1	1	E23
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.....uaucaaaagucacagcuugcgau.....	3	0	E23
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.....aucaaaaagucacagcuug.....	1	0	E23
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.....cguagcugcgacuuuuggGaca.....	1	1	H61
.....cguagcugcgacuuuugguacC.....	1	1	H61
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.....Cguagcugcgacuuuugguaca.....	1	1	E71
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.....cguagcugcgacuuuugguac.....	83	0	E71
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Mature

Star

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.....cguagcugcgacuuuuugguuac.....	181	0	E71
.....cguagcugcgacuuuuugguacU.....	2	1	E71
.....cguagcugcgacuuuuuAguaaca.....	1	1	E71
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.....cguagcugcgacuuuuuggua.....	8	0	B02
.....cguagcugcgacuuuuCgua.....	1	1	B02
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.....cgCagcugcgacuuuuugguac.....	1	1	B02
.....cguagcuUcgacuuuuugguac.....	1	1	B02
.....cguagcugcgacuuuuugguacU.....	2	1	B02
.....cguagcugcgacuuuuugguacG.....	3	1	B02
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.....guagcugcgacuuuuugguuacag.....	3	0	B02
.....guaucaaaaagucacagcuug.....	2	0	B02
.....guaucaaaaagucacagcuugc.....	1	0	B02
.....uaucaaaagucacagcuug.....	1	0	B02
.....uaucaaaagucacagcuugc.....	2	0	B02

Mature

Star

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.....uaucaaaaagucacagcuugcga.....	2	0	B02
.....uaucaaaaagucacagcuugcgau.....	1	0	B02
.....aucaaaaagucacagcuug.....	1	0	B02
.....aagauaucgagggccugu.....	1	0	H02
.....cguagcugcgacuuuuuggua.....	13	0	H02
.....cguagcuUcgacuuuuugguac.....	1	1	H02
.....cguagcugcgacuuuuugguac.....	101	0	H02
.....cguagcugcgacuuuuugguacG.....	1	1	H02
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.....cguagcugcgacuuuuugguaca.....	199	0	H02
.....cCuagcugcgacuuuuugguaca.....	1	1	H02
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.....cguagcugcgGCuuuuugguaca.....	1	1	H02
.....cguagcugcgacuuuuugguacaC.....	1	1	H02
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.....guagcugcgacuuuuugguaca.....	1	0	H02
.....guagcugcgacuuuuugguacag.....	3	0	H02
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Mature

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Mature

Star

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Mature

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Mature

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Mature

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.....uaucaaaaagucacagcuugcga.....	1	0	B13
.....cguagcugcgacuuuuuggua.....	6	0	R72
.....cguagcugcgacuuuuugguaU.....	2	1	R72
.....cguagcugcgacuuuuugguaA.....	1	1	R72
.....cguagcugcgacuuuuugguac.....	35	0	R72
.....cguagcugcgacuuuuugguaGa.....	1	1	R72
.....cguagcugcgacuuuuugguaca.....	1	1	R72
.....cguagcugcgacuuuuugguacU.....	1	1	R72
.....cguagcugcgacuuuuugguacC.....	5	1	R72
.....cguagcugcUacuuuuugguaca.....	1	1	R72
.....cguagcugcgacuuuuugguacCa.....	1	1	R72
.....cguagcugcgacuuuuugguaca.....	108	0	R72
.....cguagcugcgacuuuuugguacag.....	4	0	R72
.....cguagcugcgacuuuuugguacaU.....	1	1	R72
.....cguagcugcgacuuuuugguacaguuugauuauucuguauc.....	1	0	R72
.....guagcugcgacuuuuugguacag.....	5	0	R72
.....uaucaaaaagucacagcuu.....	1	0	R72
.....uaucaaaaagucacagcuug.....	6	0	R72
.....uaucaaaaagucacagcuugc.....	5	0	R72
.....uaucaaaaagucacagcuugcg.....	1	0	R72
.....uaucaaaaagucacagcUugcga.....	1	1	R72
.....uaucaaaaagucacagcuugcga.....	2	0	R72
.....Cguagcugcgacuuuuuggua.....	1	1	H74
.....cguagcugcgacuuuuuggua.....	1	1	H74
.....cguagcugcgacuuuuuggua.....	16	0	H74
.....cguagcugcgacuuuuugguaU.....	2	1	H74
.....cguagcugcgacuuuuUguac.....	1	1	H74
.....cguagcugcgacuuuuugguaA.....	1	1	H74
.....cguagcugcgacuuuuugguac.....	111	0	H74
.....cguagcugcgacuuuuugguaca.....	205	0	H74
.....cguagcugcgacuuuuuggCaca.....	1	1	H74
.....cguagcugcgacuuuuugguacU.....	1	1	H74
.....cguagcugcgacuuuuUguaca.....	1	1	H74
.....cguagcugcgacuuuuugguacag.....	5	0	H74
.....cguagcugcgacuuuuugguacaguuugauuauucuguaucU.....	1	1	H74
.....guagcugcgacuuuuugguacU.....	1	1	H74
.....guagcugcgacuuuuugguaca.....	1	0	H74
.....guagcugcgacuuuuugguacag.....	1	0	H74
.....guaucaaaaagucacagcu.....	1	0	H74
.....guaucaaaaagucacagcuug.....	1	0	H74
.....uaucaaaaagucacagcuug.....	1	0	H74
.....uaucaaaaagucacagcuugc.....	1	0	H74
.....uaucaaaaagucacagcuugcga.....	2	0	H74
.....uaucaaaaagucacagcuugcAa.....	1	1	H74
.....aucaaaaagucacagcuug.....	1	0	H74
.....aagauaucgagggccuguc.....	1	0	T72
.....cguagcugcgacuuuuuggua.....	2	0	T72
.....cguagcugcgacuuuuugguac.....	8	0	T72
.....cguagcugcgacuuuuugguacU.....	1	1	T72
.....cguagcugcgacuuuuugguaca.....	43	0	T72
.....cguagcugcgacuuuuugguacag.....	1	0	T72
.....uaucaaaaagucacagcuug.....	6	0	T72
.....uaucaaaaagucacagcuugc.....	1	0	T72

Mature

Star

agaagauaucgagggccugucguagcugcgacuuuuugguacaguuugauuauucuguaucacacagcguagcgaugauuacucucgaacaagucgaccaauguugcuuua

.....uaucaaaaagucacagcuugcg.....	1	0	T72
.....uaucaaaaagucacagcuugcU.....	1	1	T72
.....cguagcugcgacuuuuuggua.....	13	0	H12
.....cguagcugcgacuuuuugguac.....	130	0	H12
.....cguagcugcgacuuuuugguaU.....	1	1	H12
.....cgGagcugcgacuuuuugguaca.....	1	1	H12
.....cguagcugcgacuuuuugguaUa.....	1	1	H12
.....cguagcugcgacuuuuuggAaca.....	1	1	H12
.....cguagcugcgacuuuuugguacG.....	1	1	H12
.....cguagcugcgacuuuuAguaca.....	1	1	H12
.....cguagcugcgacuuuuugguaca.....	191	0	H12
.....cgAagcugcgacuuuuugguaca.....	1	1	H12
.....cguagcugcgacuuuuugguacC.....	3	1	H12
.....cgCagcugcgacuuuuugguaca.....	1	1	H12
.....cguagcugcgacuuuuugguacU.....	3	1	H12
.....cguagcugcgacuuuuugguacag.....	9	0	H12
.....cguagcugcgacuuuuugguacagA.....	1	1	H12
.....cguagcugcgacuuuuugguacaguuugauuauucuguaucacacagc.....	1	0	H12
.....guagcugcgacuuuuugguaca.....	2	0	H12
.....guagcugcgacuuuuugguacag.....	6	0	H12
.....guagcugcgacuuuuugguacaguuugauuauucuguaucacacag.....	2	0	H12
.....guagcugcgacuuuuugguacaguuugauuauucuguaucacacag.....	3	0	H12
.....uaucaaaaagucacagcuug.....	1	1	H12
.....uaucaaaaagucacagcuugc.....	3	0	H12
.....uaucaaaaagucacagcuugcga.....	2	0	H12
.....aucaaaaagucacagcuug.....	2	0	H12
.....cguagcugcgacuuuuuggua.....	1	0	A63
.....cguagcugcgacuuuuugguac.....	5	0	A63
.....cguagcugcgacuuuuugguacU.....	1	1	A63
.....cguagcugcgacuuuuugguacG.....	1	1	A63
.....cguagcugcgacuuuuugguaca.....	27	0	A63
.....cguagcugcgacuuuuugguacag.....	1	0	A63
.....cguagcugcgacuuuuugguacaguuugauuauucuguaucacacag.....	1	0	A63
.....uaucaaaaagucacagcuugcg.....	1	0	A63
.....uaucaaaaagucacagcuugcga.....	1	0	A63
.....uaucaaaaagucacagcuugcgau.....	2	0	A63
.....cguagcugcgacuuAuggua.....	1	1	H14
.....cguagcugcgacuuuuuggua.....	28	0	H14
.....cguagcugcgacuuuuuggGac.....	1	1	H14
.....cguagcugcgacuuuuugguac.....	138	0	H14
.....cguagcugcgacuuuuugguaca.....	130	0	H14
.....cguagcugcgacuuuuAguaca.....	1	1	H14
.....cguagcugcgacuuuuugguacC.....	2	1	H14
.....cguagcugcgacuuuuugguacU.....	6	1	H14
.....cguagcugcgacuuAugguaca.....	1	1	H14
.....cguagcugcgacuuuUguaca.....	1	1	H14
.....cguagcugcgacuuuuugguacaC.....	1	1	H14
.....cguagcugcgacuuuuugguacag.....	7	0	H14
.....cguagcugcgacuuuuugguacau.....	1	1	H14
.....cguagcugcgacuuuuugguacagA.....	1	1	H14
.....cguagcugcgacuuuuugguacaguu.....	1	0	H14
.....cguagcugcgacuuuuugguacauuu.....	1	1	H14
.....cguagcugcgacuuuuugguacaguuugauuauucuguaucacacag.....	4	0	H14
.....cguagcugcgacuuuuugguacaguuugauuauucuguaucacacag.....	2	0	H14
.....cguagcugcgacuuuuugguacaguuugauuauucuguaucacacag.....	1	1	H14
.....cguagcugcgacuuuuugguacaguuugauuauucuguaucacacag.....	1	0	H14
.....guagcugcgacuuuuugguac.....	1	0	H14
.....guagcugcgacuuuuugguaca.....	2	0	H14
.....guagcugcgacuuuuugguacag.....	7	0	H14
.....guaucaaaaagucacagcuug.....	4	0	H14
.....guaucaaaaagucacagcuugcga.....	1	0	H14
.....uaucaaaaagucacagcuug.....	4	0	H14
.....uaucaaaaagucacagcuugc.....	4	0	H14
.....uaucaaaaagucacagcuugcg.....	4	0	H14
.....uaucaaaaagucacagcuugcga.....	5	0	H14
.....uaucaaaaagucacagcuugcgau.....	4	0	H14
.....cguagcugcgacuuuuugguac.....	12	0	A12

Mature

Star

agaagauaucgagggccuguc <u>g</u> ua <u>g</u> c <u>u</u> g <u>c</u> g <u>a</u> c <u>u</u> uuu <u>u</u> g <u>g</u> ua <u>c</u> ag <u>u</u> g <u>a</u> uu <u>u</u> a <u>u</u> c <u>u</u> g <u>u</u> aucaaaa <u>g</u> u <u>c</u> a <u>c</u> ag <u>c</u> u <u>g</u> cga <u>u</u> au <u>a</u> c <u>u</u> c <u>u</u> cgaa <u>a</u> ag <u>u</u> c <u>g</u> ac <u>a</u> au <u>g</u> u <u>g</u> c <u>u</u> uu <u>a</u>			
.....cguagcugcgacuuuugguaca.....	20	0	A12
.....cguagcugcgacuuuugguaUa.....	1	1	A12
.....guagcugcgacuuuugguacag.....	1	0	A12
.....cguagcugcgacuuuuggua.....	22	0	H23
.....cguagcugcgacuuuugguac.....	148	0	H23
.....cguagcugcgagGuuuugguac.....	1	1	H23
.....cguagcugcgacuuuugguaU.....	1	1	H23
.....cguAACugcgacuuuugguaca.....	1	1	H23
.....cguagcugcgacuuuugguacU.....	7	1	H23
.....cguagcugcgacuuuugguaGa.....	1	1	H23
.....cguagcugcgacuuuugguacC.....	2	1	H23
.....cguagcugcgacuuuCGuaca.....	1	1	H23
.....cguagcugcgacuuuuggGaca.....	1	1	H23
.....cguagcugcgacuuuugguaca.....	231	0	H23
.....cgAagcugcgacuuuugguaca.....	1	1	H23
.....cguagcugcgacuuuugguacaU.....	2	1	H23
.....cguagcugcgacuuuugguacaA.....	1	1	H23
.....cguagcugcgacuuuugAuacag.....	1	1	H23
.....cguagcugcgacuuuugguacag.....	8	0	H23
.....cguagcugcgacuuuugguacCg.....	1	1	H23
.....cguagcugcgacuuuugguacagA.....	1	1	H23
.....cguagcugcgacuuuugguacaCu.....	1	1	H23
.....cguagcugcgacuuuugguacaguu <u>g</u> auuu <u>a</u> uc <u>u</u> g <u>a</u> ucaaaaa.....	5	0	H23
.....cguagcugcgacuuuugguacaguu <u>g</u> auuu <u>a</u> uc <u>u</u> g <u>a</u> ucaaaa <u>g</u>	2	0	H23
.....cguagcugcgacuuuugguacaguu <u>g</u> auuu <u>a</u> uc <u>u</u> g <u>a</u> ucaaaa <u>g</u> ucacagc.....	3	0	H23
.....guagcugcgacuuuugguaca.....	1	0	H23
.....guagcugcgacuuuugguacag.....	2	0	H23
.....uagcugcgacuuuugguaca.....	1	0	H23
.....uagcugcgacuuuugguacaguu <u>g</u> auuu <u>a</u> uc <u>u</u> g <u>a</u> ucaaaaa.....	1	0	H23
.....ucuguaucaaaagucacagcuug.....	1	0	H23
.....guaucaaaaagucacagcuugc.....	2	0	H23
.....guaucaaaaagucacagcuugcga.....	1	0	H23
.....uaucaaaaagucacagcuug.....	1	0	H23
.....uaucaaaaagucacagcuugc.....	12	0	H23
.....uaucaaaaagucacagcuugcg.....	1	0	H23
.....uaucaaaaagucacagcuugcga.....	3	0	H23
.....uaucaaaaagucacagcuugcgaA.....	1	1	H23
.....uaucaaaaagucacagcuugcgau.....	3	0	H23
.....cguagcugcgacuuuuggua.....	2	0	A54
.....cguagcugcgacuuuugguac.....	6	0	A54
.....cguagcugcgacuuuugguaca.....	11	0	A54
.....cguagcugcgacuuCugguaca.....	1	1	A54
.....uaucaaaaagucacagcuug.....	4	0	A54
.....uaucaaaaagucacagcuugc.....	2	0	A54
.....uaucaaaaagucacagcuugcga.....	1	0	A54
.....cguagcugcgacuuuugguac.....	8	0	B03
.....cguagcugcgacuuuugguaca.....	9	0	B03
.....uaucaaaaagucacagcuugc.....	1	0	B03
.....uaucaaaaagucacagcuugcg.....	2	0	B03
.....uaucaaaaagucacagcuugcgU.....	1	1	B03
gaagauaucgagggccuguc.....	1	0	H03
..aagauaucgagggccuguc.....	1	0	H03
.....Cguagcugcgacuuuugguac.....	1	1	H03
.....cguagcugcgacuuuuggua.....	18	0	H03
.....cguagcugcgacuuuAguac.....	1	1	H03
.....cguagcugcgacuuuugguac.....	145	0	H03
.....cgGagcugcgacuuuugguac.....	1	1	H03
.....cguagcugcgacuuuugUuac.....	1	1	H03
.....cguagcugcgacuuuugGCaca.....	1	1	H03
.....cguagcugcgacuuuUguaca.....	1	1	H03
.....cguACugcgacuuuugguaca.....	1	1	H03
.....cguagcugcgacuuuugguacU.....	2	1	H03
.....cguagcugcgacuuuCGuaca.....	1	1	H03
.....cguagcugcgacuuuugguaca.....	310	0	H03
.....cguagcugcgacuuuugguacC.....	4	1	H03
.....cgAagcugcgacuuuugguaca.....	1	1	H03

Mature

Star

agaagauaucgagggccuguc <u>cg</u> uagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> g <u>u</u> aucaaaa <u>g</u> ucacagcu <u>g</u> cgauuacucucgaacaagucgaccaauguugcuuua			
.....cguagcugcgacuuuu <u>gg</u> uGca.....	2	1	H03
.....cguagcugcgacuuuu <u>gg</u> uacaU.....	2	1	H03
.....cguagcugcgacuuuu <u>gg</u> uacag.....	12	0	H03
.....cguagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaa.....	1	0	H03
.....cguagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaa <u>g</u>	1	0	H03
.....cguagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaaA.....	1	1	H03
.....cguagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaa <u>g</u> u.....	1	0	H03
.....cguagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaa <u>g</u> ucacagc.....	1	0	H03
.....guagcugcgacuuuu <u>gg</u> uac.....	1	0	H03
.....guagcugcgGcuuuu <u>gg</u> uaca.....	1	1	H03
.....guagcugcgacuuuu <u>gg</u> uaca.....	3	0	H03
.....guagcugcgacuuuu <u>gg</u> uacag.....	9	0	H03
.....guagcugcgacuuuu <u>gg</u> uacagA.....	1	1	H03
.....guaucaaaa <u>g</u> ucacagcuu <u>g</u>	5	0	H03
.....guaucaaaa <u>g</u> ucacagcuu <u>g</u> c.....	1	0	H03
.....guaucaaaa <u>g</u> ucacagcuu <u>g</u> cga.....	1	0	H03
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u>	2	0	H03
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> c.....	7	0	H03
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> c <u>g</u>	2	0	H03
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> cga.....	5	0	H03
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> cga <u>u</u>	4	0	H03
.....cguagcugcgacuuuu <u>gg</u> ua.....	1	0	A43
.....cguagcugcgacuuuu <u>gg</u> uac.....	5	0	A43
.....cguagcugcgacuuuu <u>gg</u> uaca.....	18	0	A43
.....cguagcugcgacuuuuA <u>g</u> uaca.....	1	1	A43
.....cguagcugcgacuuuu <u>gg</u> uGca.....	1	1	A43
.....uaucaaaa <u>g</u> ucacagcuu.....	1	0	A43
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u>	1	0	A43
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> c.....	5	0	A43
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> c <u>g</u>	2	0	A43
..aagauaucgagggccuCu.....	1	1	H52
..aagauaucgagggccugu.....	1	0	H52
.....cguagcugcgacuuuu <u>gg</u> ua.....	19	0	H52
.....cguagcugcgacuuuu <u>gg</u> uU.....	1	1	H52
.....cguagcugcgacuuuu <u>gg</u> uac.....	190	0	H52
.....cguagcugcgacuuA <u>g</u> u <u>g</u> uac.....	1	1	H52
.....cguagcugcgacuuuuU <u>g</u> uac.....	2	1	H52
.....cgAagcugcgacuuuu <u>gg</u> uac.....	1	1	H52
.....cguagcugA <u>g</u> acuuuu <u>gg</u> uaca.....	1	1	H52
.....cguagcugcgacuuuu <u>gg</u> uaca.....	166	0	H52
.....cguagcugcgacuuuuA <u>g</u> uaca.....	1	1	H52
.....cguagcugcgacuuuu <u>gg</u> Caca.....	1	1	H52
.....cguagcugcgacuuuu <u>gg</u> uacC.....	4	1	H52
.....Uguagcugcgacuuuu <u>gg</u> uaca.....	1	1	H52
.....cgAagcugcgacuuuu <u>gg</u> uaca.....	2	1	H52
.....cguagcugcgacuuuu <u>gg</u> uacU.....	7	1	H52
.....cguagcugcgacuuuu <u>gg</u> uacag.....	2	0	H52
.....cguagcugcgacuuuu <u>gg</u> uacagA.....	1	1	H52
.....cguagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaa.....	1	0	H52
.....cguagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaaA.....	6	0	H52
.....cguagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaaA.....	2	1	H52
.....guagcugcgacuuuu <u>gg</u> uac.....	1	0	H52
.....guagcugcgacuuuu <u>gg</u> uacU.....	1	1	H52
.....guagcugcgacuuuu <u>gg</u> uaca.....	3	0	H52
.....guagcugcgacuuuu <u>gg</u> uacag.....	5	0	H52
.....guagcugcgacuuuu <u>gg</u> uacGg.....	1	1	H52
.....guagcugcgacuuuu <u>gg</u> uacaCu.....	1	1	H52
.....guagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaa <u>g</u>	1	0	H52
.....guagcugcgacuuuu <u>gg</u> uacaguu <u>g</u> auuau <u>c</u> guaucaaaa <u>g</u> A.....	1	1	H52
.....guaucaaaa <u>g</u> ucacagcuu <u>g</u>	1	0	H52
.....guaucaaaa <u>g</u> ucacagcuu <u>g</u> cga.....	1	0	H52
.....uaucaaaa <u>g</u> ucacagcuu.....	1	0	H52
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u>	11	0	H52
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> c.....	11	0	H52
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> cU.....	1	1	H52
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> c <u>g</u>	1	0	H52
.....uaucaaaa <u>g</u> ucacagcuu <u>g</u> cga.....	11	0	H52
.....cguagcugcgacuuu <u>gg</u>	1	0	H32

Star

agaagauaucgagggcugucguagcugcgacuuuuggauuaucuguaucuuacucugaaacagucgaccaaugnuugcuuuu			
. cguagcugcgacuuuuggua	29	0	H32
. cguagcugcgacuuuuggAaac	1	1	H32
. cgAAgcugcgacuuuugguac	1	1	H32
. cguagcugcgacuuuugguac	65	0	H32
. cguagcugcgacuuuuaGuaca	1	1	H32
. cguagcugcgacuuuugguacU	2	1	H32
. cguaAcugcgacuuuugguaca	1	1	H32
. cguagcugcgacuuuugguaca	88	0	H32
. cguagcugcgacuuuugguacC	2	1	H32
. cguagcugcgacuuuugguacag	3	0	H32
. cguagcugcgacuuuugguacagA	1	1	H32
. cguagcugcgacuuuugguacaguugaauaucuguauc	1	0	H32
. cguagcugcgacuuuugguacaguugaauaucuguaucaaa	1	0	H32
. cguagcugcgacuuuugguacaguugaauaucuguaucaaaa	1	0	H32
. cguagcugcgacuuuugguacaguugaauaucuguaucaaaaa	4	0	H32
. cguagcugcgacuuuugguacaguugaauaucuguaucaaaaag	4	0	H32
. cguagcugcgacuuuugguacaguugaauaucuguaucaaaaagucacagc	4	0	H32
. guagcugcgacuuuugguac	1	0	H32
. guagcugcgacuuuugguaca	1	0	H32
. guagcugcgacuuuugguacag	1	0	H32
. guaucaaaaagucacagcuug	1	0	H32
. guaucaaaaagucacagcuugc	1	0	H32
. uaucaaaaagucacagcuug	4	0	H32
. uaucaaaaagucacagcuugc	3	0	H32
. uaucaaaaagucacagcuugcg	1	0	H32
. uaucaaaaagucacagcuugcgga	3	0	H32
. aucaaaaagucacagcuugcgga	1	0	H32
. cguagcugcgacuuuuggG	1	1	H72
. cguagcugcgacuuuuaGuaa	1	1	H72
. cguagcugcgacuuuuggua	6	0	H72
. cguagcugcgacuuuugguac	62	0	H72
. cguagcugcgacuuuuaGuac	1	1	H72
. cguagcugcgacuuuugguaca	161	0	H72
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. cgCagcugcgacuuuugguaca	1	1	H72
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. guagcugcgacuuuugguacag	1	0	H72
. guaucaaaaagucacagcuug	1	0	H72
. guaucaaaaaguaAcagcuug	1	1	H72
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. uaucaaaaagucacagcuugc	3	0	H72
. uaucaaaaagucacagcuuUcg	1	1	H72
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. cguagcugcgacuuuugguac	4	0	A31
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. uaucaaaaagucacagcuugc	1	0	A31
. uaucaaaaagucacagcuugcgga	1	0	A31
. uaucaaaaagucacagcuugcgau	1	0	A31
. cguagcugcgacuuuuggua	8	0	R71
. cguagcugcgacuuuugguCc	1	1	R71
. cguagcugcgacuuuugguac	44	0	R71
. cguagcugcCacuuiuugguac	1	1	R71
. cguagcugcgacuuuugguacC	1	1	R71
. cguagcugcgacuuuugguaGa	1	1	R71
. cguagcugcgacuuuugguacU	1	1	R71
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Mature

Star

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Star

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Mature

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.cg <u>u</u> agcugcgacuuuugguacC.	2	1	E13
.cg <u>u</u> agcugcgacuuuugguacag.	15	0	E13
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Mature

Star

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.cguaugcugcgacuuuuugguacag.	3	0	A44
.cguaugcugcgacuuuuugguacaguugauuauucuguaucacacagc.	1	1	A44
.guagcugcgacuuuuugguaca.	1	0	A44
.guaucaaaaagucacagcuug.	2	0	A44
.uaucaaaaagucacagcuug.	1	0	A44
.uaucaaaaagucacagcuugc.	3	0	A44
.uaucaaaaagucacagcuugcA.	1	1	A44
.uaucaaaaagucacagcuugcgga.	1	0	A44
.uaucaaaaagucacagcuugcgau.	1	0	A44
.cguaugcugcgacuuuuuggua.	2	0	A02
.cguaugcugcgacuuuuugguac.	8	0	A02
.cguaugcugcgacuuuuugguaca.	24	0	A02
.cguaugcugcgacuuuuugguacU.	5	1	A02
.cguaugcugcgacuuuuugguacag.	1	0	A02
.cguaugcugcgacuuuuugguacaU.	1	1	A02
.cguaugcugcgacuuuuugguacaguugauuauucuguaucacacagc.	1	0	A02
.guagcugcgacuuuuugguaca.	2	0	A02
.guagcugcgacuuuuugguacag.	1	0	A02
.uaucaaaaagucacagcuug.	1	0	A02
.ucguagcugcgacuuuuugguaA.	1	1	H71
.Cguagcugcgacuuuuugguaca.	1	1	H71
.cguaugcugcgacuuuuuggua.	15	0	H71
.cguaugcugcgacuuuuugguac.	192	0	H71
.cguaugcugcgacuuuuugguagG.	1	1	H71
.cguaugcugcgacuuuuugguac.	1	1	H71
.cguaugcugcgacuuuuCguac.	1	1	H71
.cguaugcuCcgacuuuuugguac.	1	1	H71
.cguaCugcgacuuuuugguaca.	1	1	H71
.cguaugcugcgacuuuuAguaca.	1	1	H71
.cguaugcugcAacuuuuugguaca.	1	1	H71
.cgCagcugcgacuuuuugguaca.	1	1	H71
.cguaugcugcgacuuuuCguaca.	1	1	H71
.cguaugcugcgacuuuuugguaca.	307	0	H71
.cguaugcugcgacuuuuugguacU.	14	1	H71
.cguaugcugcgacuuuuugguagGa.	1	1	H71
.cguaugcugcgacuuuuugcCacag.	1	1	H71
.cguaugcugcUacuuuuugguacag.	1	1	H71
.cguaugcugcgacuuuuugguacag.	10	0	H71
.cguaugcugcgacuuuuugguacagA.	1	1	H71
.cguaugcugcgacuuuuugguacaguugauuauucuguaucacacagc.	1	1	H71
.guagcugcgacuuuuugguac.	1	0	H71
.Cuagcugcgacuuuuugguaca.	1	1	H71
.guagcugcgacuuuuugguaca.	1	0	H71
.guagcugcgacuuuuugguacag.	2	0	H71
.guaucaaaaagucacagcuugc.	2	0	H71
.uaucaaaaagucacagcuug.	1	0	H71
.uaucaaaaGgucacagcuug.	2	1	H71
.uaucaaaaagucacagcuugc.	9	0	H71
.uaucaaaaagucacagcuugcgga.	1	0	H71
.uaucaaaaagucacagcuugcgau.	1	0	H71

Mature

Star

agaagauaucgagggccugucguagcugcgacuuuugguacaguugauuaucuguaucaaaaagucacagcuugcgauauacucucgaacaagucgaccaauguugcuuua

.....cguagcugcgacuuuuggua.....	1	0	A64
.....cguagcugcgacuuuugguac.....	6	0	A64
.....cguagcugcgacuuuugguacG.....	1	1	A64
.....cguagcugcgacuuuugguaca.....	22	0	A64
.....cguagcugcgacuuuugguacaA.....	1	1	A64
.....g <u>u</u> aucaaaaagucacagcuug.....	1	0	A64
.....uaucaaaaagucacagcuug.....	2	0	A64
.....uaucaaaaagucacagcuugc.....	2	0	A64
.....uaucaaaaagucacagcuugcga.....	1	0	A64
.....cguagcugcgacuuuuggua.....	9	0	T71
.....A <u>g</u> uagcugcgacuuuugguac.....	1	1	T71
.....cguagcugcgacuuuugguac.....	37	0	T71
.....cguagcugcgacuuuucguac.....	1	1	T71
.....cguagcugcgacuuuugguaca.....	74	0	T71
.....cguagcugcgacuuuuggua <u>A</u> a.....	1	1	T71
.....cguagcugcgacuuuuggua <u>U</u> a.....	1	1	T71
.....cguagcugcgacuuuugguC <u>a</u>	1	1	T71
.....cguagcugcgacuuuugguacag.....	2	0	T71
.....cguagcugcgacuuuugguacaC.....	1	1	T71
.....cguagcugcgacuuuugguacaU.....	2	1	T71
.....cguagcugA <u>g</u> acuuuugguacag.....	1	1	T71
.....cguagcugcgacuuuugguacaguu <u>g</u> auuau <u>c</u> ugua <u>ca</u> aU.....	1	1	T71
.....cguagcugcgacuuuugguacaguu <u>g</u> auuau <u>c</u> ugua <u>ca</u> aUa.....	1	1	T71
.....g <u>u</u> agcugcgacuuuugguaca.....	1	0	T71
.....g <u>u</u> agcugcgacuuuugguacag.....	1	0	T71
.....g <u>u</u> aucaaaaagucacagcuug.....	1	0	T71
.....uaucaaaaagucacagcuug.....	5	0	T71
.....uaucaaaaagucacagcuugc.....	3	0	T71
.....uaucaaaaagucacagcuugcga.....	1	0	T71
.....cguagcugcgacuuuugguU.....	1	1	H34
.....cguagcugcgacuuuuggua.....	16	0	H34
.....cguagcugcgacuuuugguac.....	113	0	H34
.....cguacC <u>u</u> gcgacuuuugguac.....	1	1	H34
.....cguagcugcgacuuuugguacU.....	7	1	H34
.....cguagcugcgacuuuugguacC.....	1	1	H34
.....cguagcugcgacuuA <u>u</u> ggua <u>a</u>	1	1	H34
.....cguagcugcgacuuuugguaca.....	135	0	H34
.....c <u>g</u> Aagcugcgacuuuugguaca.....	1	1	H34
.....cguagcugcgacuuuugguacaA.....	1	1	H34
.....cguagcugcgacuuuugguacaU.....	1	1	H34
.....cguagcugcgacuuuugguacag.....	4	0	H34
.....cguagcugcgacuuuugguacaguu <u>g</u> auuau <u>c</u> ugua <u>ca</u> a.....	1	0	H34
.....cguagcugcgacuuuugguacaguu <u>g</u> auuau <u>c</u> ugua <u>ca</u> aaaa.....	3	0	H34
.....cguagcugcgacuuuugguacaguu <u>g</u> auuau <u>c</u> ugua <u>ca</u> aaaaag.....	3	0	H34
.....cguagcugcgacuuuugguacaguu <u>g</u> auuau <u>c</u> ugua <u>ca</u> aaaagucacagc.....	1	0	H34
.....g <u>u</u> agcugcgacuuuugguac.....	1	0	H34
.....g <u>u</u> agcugcgacuuuugguaca.....	3	0	H34
.....g <u>u</u> agcugcgacuuuugguacag.....	4	0	H34
.....g <u>u</u> agcugcgacuuuugguacaguu <u>g</u> auuau <u>c</u> ugua <u>ca</u> aaaaag.....	2	0	H34
.....g <u>u</u> aucaaaaagucacagcuug.....	3	0	H34
.....g <u>u</u> aucaaaaagucacagcuugcga.....	1	0	H34
.....uaucaaaaagucacagcuug.....	4	0	H34
.....uaucaaaaagucacagcuugc.....	6	0	H34
.....uaucaaaaagucacagcuugcga.....	5	0	H34
.....uaucaaaaagucacagcuugcgau.....	3	0	H34
.....cguagcugcgacuuuuggua.....	1	0	B14
.....cguagcugcgacuuuugguac.....	5	0	B14
.....cguagcugcgacuuuugguacC.....	1	1	B14
.....cguagcugcgacuuuugguaca.....	7	0	B14
.....cguagcugcgacuuuuggua.....	1	0	A53
.....cguagcugcgacuuuugguac.....	3	0	A53
.....cguagcugcgacuuuugguaca.....	9	0	A53
.....cguagcugcgacuuuugguacag.....	1	0	A53
.....g <u>u</u> agcugcgacuuuugguacag.....	1	0	A53
.....g <u>u</u> aucaaaaagucacagcuug.....	1	0	A53

Mature

Star

agaagauaucgagggccugucguagcugcgacuuuuugguacaguuugauuauucuguaucaaaagucacagcuugcgauauacucucgaacaagucgaccaauguugcuuuu

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.....uaucaaaaagucacagcuugc.....	5	0	A53
.....uaucaaaaagucacagcuugcg.....	1	0	A53
.....uaucaaaaagucacagcuugcga.....	3	0	A53
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.....cguagcugcgacuuuuugguaU.....	2	1	H62
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.....cguagcugcgacuuuuugggGaca.....	1	1	H62
.....cguagcugcgacuuuuugguacC.....	6	1	H62
.....cguagcugcgacuuuuugguacag.....	19	0	H62
.....cguagcugcgacuuuuugguacaguuugauuauucuguaucaaaaA.....	1	1	H62
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.....guaucaaaaUucacagcuugcga.....	1	1	H62
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.....uaucaaaaagucacagcuugcgau.....	1	0	H62
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.....cguagcugcgacuuuuugggG.....	1	1	H42
.....cguagcugcgacuuuuugguU.....	1	1	H42
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.....cguagcugcgacuuuuugguaG.....	1	1	H42
.....cguauUcugcgacuuuuugguac.....	1	1	H42
.....cguagcugcgacuuuuugguaU.....	1	1	H42
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.....cguagcugcgacuuuuugguacG.....	1	1	H42
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.....cguagcugcgacuuuuugguaca.....	206	0	H42
.....cguagcugcgacuuuuugguacU.....	15	1	H42
.....cguagcugcgacuuuuugguacag.....	2	0	H42
.....cguagcugcgacuuuuugguacaC.....	1	1	H42
.....cguagcugcgacuuuuugguacaU.....	1	1	H42
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.....guaucaaaaagucacagcuugcU.....	1	1	H42

Mature

Star

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.....uaucaaaagucacagcuu.....	2	0	H42
.....uaucaaaagucacagcuug.....	11	0	H42
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.....uaucaaaagucacagcuugc.....	22	0	H42
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.....uaucaaaagucacagcuugcU.....	1	1	H42
.....uaucaaaagucacagcuugcga.....	9	0	H42
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.....cguagcugcgacuuuuggua.....	9	0	H11
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.....cguagcugcgacuuuugguacC.....	1	1	H11
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.....cguagcugcgacuuuugguacaC.....	1	1	E12
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.....guaucaaaagucacagcuugc.....	1	0	E12
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.....uaucaaaagucacagcuugcgau.....	1	0	E12
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.....cguagcugcgacuuuugguaca.....	3	0	A41
.....uaucaaaagucacagcuugc.....	1	0	A41
.....cguagcugcgacuuuugg.....	2	0	H04
.....cguagcugcgacuuuugguU.....	1	1	H04
.....cguagcugcgacuuuuggua.....	6	0	H04
.....cguagAugcgacuuuugguac.....	1	1	H04
.....cguagcugcgacuuuugguac.....	136	0	H04
.....cguagcugcgacuGuugguac.....	1	1	H04
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.....cgCagcugcgacuuuugguac.....	1	1	H04
.....cguagcugcgacCuuuugguac.....	1	1	H04
.....cguagcugcgacuuuuAguaca.....	1	1	H04
.....cguagcugcgacuuuAguuaca.....	1	1	H04
.....cguagcugcgacuuGugguaca.....	1	1	H04
.....cguagcugcgacuuuugguacU.....	4	1	H04
.....cUuagcugcgacuuuugguaca.....	1	1	H04

Mature

Star

agaagauaucgagggccuguccguagcugcgacuuuugguacagugauuuaucguaucaaaaagucacagcugcgauuauacucucgaacaagucgaccaauguugcuuuu

..... <u>cgua</u> gcugcgacuuuu <u>ggua</u> ca.....	228	0	H04
..... <u>cgua</u> gcugcgacuuuu <u>ggua</u> c.....	1	1	H04
..... <u>cg</u> <u>A</u> agcugcgacuuuu <u>ggua</u> ca.....	1	1	H04
..... <u>cgua</u> gcugc <u>U</u> acuuuu <u>ggua</u> ca.....	1	1	H04
..... <u>cgua</u> gcugcgacuuuu <u>ggua</u> cag.....	14	0	H04
..... <u>cgua</u> gcugcgacuuuu <u>ggua</u> caA.....	1	1	H04
..... <u>cgua</u> gcugcgacuuuu <u>ggua</u> caU.....	2	1	H04
..... <u>cgua</u> gcugcgacuuuu <u>ggua</u> caCu.....	1	1	H04
..... <u>cgua</u> gcugcgacuuuu <u>ggua</u> cag <u>u</u> gauuu <u>auc</u> g <u>ua</u> ucaaaU.....	2	1	H04
..... <u>cgua</u> gcugcgacuuuu <u>ggua</u> cag <u>u</u> gauuu <u>auc</u> g <u>ua</u> ucaaaaagucacagc.....	1	0	H04
..... <u>g</u> uagcugcgacuuuu <u>ggua</u> ca.....	1	0	H04
..... <u>g</u> uagcugcgacuuuu <u>ggua</u> cag.....	5	0	H04
..... <u>g</u> uauc <u>aaaa</u> agucacagcuu.....	1	0	H04
..... <u>g</u> uauc <u>aaaa</u> agucacagcuug.....	2	0	H04
..... <u>g</u> uauc <u>aaaa</u> agucacagcuugc.....	1	0	H04
..... <u>u</u> auc <u>aaaa</u> agucacagcuug.....	2	0	H04
..... <u>u</u> auc <u>aaaa</u> agucacagcuugc.....	9	0	H04
..... <u>u</u> auc <u>aaaa</u> agucacagcuugcga.....	5	0	H04
..... <u>u</u> auc <u>aaaa</u> agucacagcuugcgau.....	2	0	H04
..... <u>u</u> auc <u>aaaa</u> agucacagcCugcgau.....	1	1	H04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u>	1	0	A32
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> c.....	6	0	A32
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> ca.....	19	0	A32
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> c.....	1	1	A32
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cU.....	1	1	A32
..... <u>cgua</u> gcugcgacuuu <u>gg</u> <u>A</u> aca.....	1	1	A32
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cag.....	3	0	A32
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> caU.....	1	1	A32
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cag <u>u</u> gauuu <u>auc</u> g <u>ua</u> ucaaaa.....	1	0	A32
..... <u>u</u> auc <u>aaaa</u> agucacagcGugcgau.....	1	1	A32
..... <u>cgua</u> gcugcgacuuu <u>ggua</u>	6	0	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> c.....	49	0	E04
..... <u>cg</u> <u>A</u> agcugcgacuuu <u>ggua</u> c.....	1	1	E04
..... <u>cg</u> Gagcugcgacuuu <u>ggua</u> ca.....	2	1	E04
..... <u>cgua</u> gcugcgacuuu <u>gg</u> Uuaca.....	1	1	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> c.....	2	1	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cG.....	1	1	E04
..... <u>cg</u> Gagcugcgacuuu <u>ggua</u> ca.....	1	1	E04
..... <u>cgua</u> g <u>A</u> ugcgacuuu <u>ggua</u> ca.....	1	1	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> ca.....	157	0	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cU.....	3	1	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> Ua.....	1	1	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> Ca.....	1	1	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cag.....	17	0	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cagA.....	2	1	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cag <u>u</u> A.....	1	1	E04
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cag <u>u</u> gauuu <u>auc</u> g <u>ua</u> ucaaa.....	1	0	E04
..... <u>g</u> uagcugcgacuuu <u>ggua</u> cag.....	7	0	E04
..... <u>u</u> auc <u>aaaa</u> agucacagcuu.....	1	0	E04
..... <u>u</u> auc <u>aaaa</u> agucacagcuugc.....	2	0	E04
..... <u>u</u> auc <u>aaaa</u> agucacagcuugcg.....	1	0	E04
..... <u>u</u> auc <u>aaaa</u> agucacagcuugcga.....	4	0	E04
..... <u>u</u> auc <u>aaaa</u> agucacagcuugcgau.....	2	0	E04
..... <u>cgua</u> gcugcgacuuu <u>gg</u>	1	0	T73
..... <u>cgua</u> gcugcgacuuu <u>gg</u> ua.....	1	1	T73
..... <u>cgua</u> gcugcgacuuu <u>ggua</u>	8	0	T73
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> c.....	43	0	T73
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cU.....	1	1	T73
..... <u>cgua</u> gcugcgacuuu <u>gg</u> uaca.....	2	1	T73
..... <u>cgua</u> gcugcgacuuu <u>gg</u> uaca.....	1	1	T73
..... <u>cgua</u> gcug <u>U</u> gacuuu <u>ggua</u> ca.....	1	1	T73
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> ca.....	70	0	T73
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cag.....	2	0	T73
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> caA.....	1	1	T73
..... <u>cgua</u> gcugcgacuuu <u>ggua</u> cag <u>u</u> gauuu <u>auc</u> g <u>ua</u> ucaaaa.....	1	0	T73
..... <u>g</u> uagcugcgacuuu <u>ggua</u> cag.....	2	0	T73
..... <u>g</u> uauc <u>aaaa</u> agucacagcuug.....	1	0	T73

Mature

Star

agaagauaucgagggccugcguagcugcgacuuuugguacagugauuauucguaucaaaaagucacacagcuugcgauauacucucgaacaagucgaccaauguugcuuuu

.....uaucaaaaagucacacagcuug.....	2	0	T73
.....uaucaaaaagucacacagcuugc.....	3	0	T73
.....uaucaaaaagucacacagcuugcA.....	1	1	T73
.....uaucaaaaagucacacagcuugcga.....	2	0	T73
.....cguagcugcgacuuuuggua.....	2	0	T74
.....cguagcugcgacuuuugguGc.....	1	1	T74
.....cguagcugcgacuuuugguaA.....	1	1	T74
.....cguagcugcgacuuuugguac.....	26	0	T74
.....cguagcugcgacuuuugguaca.....	39	0	T74
.....cguagcugcgacuuuucguaca.....	1	1	T74
.....cguagcugcgacuuuugguacag.....	4	0	T74
.....cguagcugcgacuuuugguacaA.....	1	1	T74
.....cguagcugcgacuuuugguacagugauuauucguaucaaaa.....	1	0	T74
.....guagcugcgacuuuuggu.....	1	0	T74
.....guagcugcgacuuuugguac.....	1	0	T74
.....guagcugcgacuuuugguacag.....	2	0	T74
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.....uaucaaaaagucacagcuug.....	1	0	T74
.....uaucaaaaagucacagcuugc.....	2	0	T74
.....uaucaaaaagucacagcuugcga.....	1	0	T74
.....uaucaaaaagucacagcuugcgau.....	1	0	T74
.....cguagcugcgacuuuuggua.....	7	0	E14
.....cguagcugcgacuuuugguac.....	58	0	E14
.....cguagcugcgacuuuuggGac.....	1	1	E14
.....cguagcugcUacuuuugguaca.....	1	1	E14
.....cgGagcugcgacuuuugguaca.....	1	1	E14
.....cguaCugcgacuuuugguaca.....	1	1	E14
.....cguagcugcgacuuuugguaGa.....	1	1	E14
.....cguagcugcgacuuuugguaca.....	168	0	E14
.....cguagcuAcgacuuuugguaca.....	1	1	E14
.....cguagcugcgacuuuugguacag.....	15	0	E14
.....cguagcugcgacuuuugguaAag.....	1	1	E14
.....cguagcugcgacuuuugguacaU.....	2	1	E14
.....cguagcugcgacuuuugguacagA.....	1	1	E14
.....cguagcugcgacuuuugguacagugauuauucguaucaaaa.....	1	0	E14
.....cguagcugcgacuuuugguacagugauuauucguaucaaaa.....	1	0	E14
.....guagcugcgacuuuugguaca.....	1	0	E14
.....guagcugcgacuuuugguacag.....	5	0	E14
.....guaucaaaaagucacagcuug.....	2	0	E14
.....guaucaGaagucacagcuug.....	1	1	E14
.....uaucaaaaagucacagcuug.....	2	0	E14
.....uaucaaaaagucacagcuugc.....	2	0	E14
.....uaucaaaaagucacagcuugcga.....	1	0	E14
.....uaucaaaaagucacagcuuUcga.....	1	1	E14
.....uaucaaaaagucacagcuugcgau.....	4	0	E14
.....cguagcugcgacuuuugg.....	1	0	A04
.....cguagcugcgacuuuuggua.....	2	0	A04
.....cguagcugcgacuuuugguac.....	26	0	A04
.....cgCagcugcgacuuuugguac.....	1	1	A04
.....cguagcugcgacuuuugguacC.....	2	1	A04
.....Aguagcugcgacuuuugguaca.....	1	1	A04
.....cguagcugcgacuuuugguaca.....	39	0	A04
.....cgCagcugcgacuuuugguaca.....	1	1	A04
.....cguagcugcgacuuuugguacaC.....	1	1	A04
.....cguagcugcgacuuuugguacag.....	1	0	A04
.....cguagcugcgacuuuAguacagugauuauucguaucaaaaag.....	1	1	A04
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.....guagcugcgacuuuugguacagugauuauucguaucaaaaagu.....	1	0	A04
.....guaucaaaaagucacagcuug.....	1	0	A04
.....uaucaaaaagucacagcuug.....	2	0	A04
.....uaucaaaaagucacagcuugc.....	2	0	A04
.....uaucaaaaagucacagcuugcga.....	3	0	A04
.....Cguagcugcgacuuuugguac.....	1	1	H41
.....cguagcugcgacuuuuggua.....	21	0	H41
.....cguagcugcgacuuuugguaA.....	1	1	H41

Mature

Star

agaagauaucgagggccugc	guagcugcgacuuuuugguac	aguuuauaucug	uaucaaaagucacagcuugc	gauauacucucgaacaagucgaccaauguugcuuaa			
.....cgua	Acugcgacuuuuugguac	.....			2	1	H41
.....cg	Aagcugcgacuuuuugguac	.....			2	1	H41
.....cg	Cagcugcgacuuuuugguac	.....			1	1	H41
.....cgu	agcugcgacuuuuugguac	.....			137	0	H41
.....cgua	Ccugcgacuuuuugguac	.....			1	1	H41
.....cgu	agcugcgacuuuuugguaca	.....			88	0	H41
.....cgu	agcugcgacuuuuugguacC	.....			2	1	H41
.....cgu	agcugcgacuuuuugguacU	.....			6	1	H41
.....cgu	agcugcgacuuuuugguacag	.....			2	0	H41
.....cgu	agcugcgacuuuuugguacaU	.....			1	1	H41
.....cgu	agcugcgacuuuuugguacaguugauuauaucuguaucaaU	.....			1	1	H41
.....cgu	agcugcgacuuuuugguacaguugauuauaucuguaucaaaa	.....			1	0	H41
.....cgu	agcugcgacuuuuugguacaguugauuUucuguaucaaaag	.....			1	1	H41
.....cgu	agcugcgacuuuuugguacaguugauuauaucuguaucaaaagucacagc	.....			1	0	H41
.....gu	agcugcgacuuuuugguac	.....			2	0	H41
.....gu	agcugcgacuuuuugguaca	.....			1	0	H41
.....gu	agcugcgacuuuuugguacag	.....			3	0	H41
.....gu	aucaaaaagucacagcuug	.....			1	0	H41
.....u	aucaaaaagucacagcuu	.....			1	0	H41
.....u	aucaaaaagucacagcuug	.....			4	0	H41
.....u	aucaaaaagucacagcuugc	.....			9	0	H41
.....u	aucaaaaagucacagcuCgc	.....			1	1	H41
.....u	aucaaaaagucacagcuugcg	.....			1	0	H41
.....u	aucaaaaagucacagcuugcU	.....			1	1	H41
.....u	aucaaaaagucacagcuugcga	.....			6	0	H41
.....u	aucaaaaagucacagcuugcgau	.....			2	0	H41
.....cgu	agcugcgacuuuuggua	.....			12	0	E24
.....cgu	agcugcgacuuuuggAac	.....			1	1	E24
.....cgu	agcugcgacuuuAguac	.....			2	1	E24
.....cgu	agcugcgacuuuugguac	.....			126	0	E24
.....cgu	aUcugcgacuuuugguac	.....			1	1	E24
.....cgu	agcugcgacuuuugguaca	.....			495	0	E24
.....cgu	agcugcgacuuuugguacU	.....			5	1	E24
.....cg	Gagcugcgacuuuugguaca	.....			1	1	E24
.....cgu	agcugcgacUuuugguaca	.....			1	1	E24
.....cU	uagcugcgacuuuugguaca	.....			1	1	E24
.....cgu	agcugcgacuuuugguacG	.....			1	1	E24
.....cgu	agcCgcgacuuuugguaca	.....			1	1	E24
.....cgu	agcugcgacuuuuggCaca	.....			1	1	E24
.....cgu	agcugcUacuuuugguaca	.....			1	1	E24
.....cgu	agcugUgacuuuugguaca	.....			1	1	E24
.....cgu	agcugcgacuuuugguacC	.....			1	1	E24
.....cgu	agcugcgacuuuugguacaU	.....			4	1	E24
.....cgu	agcugcgacuuuugguacaA	.....			2	1	E24
.....cgu	agcugcgacuuuugguacag	.....			17	0	E24
.....cgu	agcugcgacuuuugguacagu	.....			1	0	E24
.....cgu	agcugcgacuuuugguacaCu	.....			1	1	E24
.....cgu	agcugcgacuuuugguacaAu	.....			1	1	E24
.....cgu	agcugcgacuuuugguacaguugauuauaucuguaucaaaagucacagc	.....			1	0	E24
.....gu	agcugcgacuuuugguac	.....			1	0	E24
.....gu	agcugcgacuuuugguaca	.....			10	0	E24
.....gu	agcugcgacuuuugguUcag	.....			1	1	E24
.....gu	agcugcgacuuuugguacag	.....			6	0	E24
.....gu	aucaaaaagucacagcuug	.....			8	0	E24
.....gu	aucaaaaagucacagcuugc	.....			1	0	E24
.....u	aucaaaaagucacagcuug	.....			2	0	E24
.....u	aucaaaaagucacagcuugc	.....			7	0	E24
.....u	aucaaaaagucacagcuugcga	.....			4	0	E24
.....cgu	agcugcgacuuuuggua	.....			2	0	A34
.....cgu	agcugcgacuuuugguac	.....			9	0	A34
.....cgu	agcugcgacuuuugguacU	.....			1	1	A34
.....cgu	agcugcgacuuuugguaca	.....			15	0	A34
.....cgu	agcugcgacuuuugguacaU	.....			1	1	A34
.....cgu	agcugcgacuuuugguacag	.....			1	0	A34
.....cgu	agcugcgacuuuugguacaguugauuauaucuguaucaaaag	.....			1	0	A34
.....gu	agcugcgacuuuugguac	.....			1	0	A34
.....u	aucaaaaagucacagcuugcgau	.....			1	0	A34
.....cgu	agcugcgacuuuuggua	.....			1	0	A21

Mature

Star

agaagauaucgagggccuguc <u>g</u> uagcugcgacuuuu <u>g</u> guacaguu <u>g</u> gauuau <u>c</u> ug <u>u</u> aucaaaaagucacagcuugcga <u>u</u> auacucucgaacaagucgaccaauguugcuuuu			
.....cguagcugcgacuuuu <u>g</u> guac.....	12	0	A21
.....cguagcugcgacuuuu <u>g</u> guaca.....	1	1	A21
.....cguagcugcgacuuuu <u>g</u> guacU.....	1	1	A21
.....cguagcugcgacuuuu <u>g</u> guaca.....	32	0	A21
.....guaucaaaaagucacagcuu.....	1	0	A21
.....guaucaaaaagucacagcuug.....	1	0	A21
.....ua <u>g</u> caaaaagucacagcuu.....	1	1	A21
.....uaucaaaaagucacagcuug.....	2	0	A21
.....uaucaaaaagucacagcuugc.....	2	0	A21
.....uaucaaaaagucacagcuugcga.....	2	0	A21
.....cguagcugcgacuuuu <u>g</u> gua.....	4	0	R73
.....cguagcugcgacuuuu <u>g</u> guac.....	27	0	R73
.....cguagcugcgacuuuu <u>g</u> guacU.....	1	1	R73
.....cguagcuCcgacuuuu <u>g</u> guaca.....	1	1	R73
.....cguagcugcgacuCuu <u>g</u> guaca.....	1	1	R73
.....cguagcugcgacuuuu <u>g</u> guacC.....	1	1	R73
.....cguagcugcgacuuuu <u>g</u> guaca.....	65	0	R73
.....cguagcugcgacuuuu <u>g</u> guagA.....	1	1	R73
.....cguagcugcgacuuuu <u>g</u> guacaA.....	1	1	R73
.....cguagcugcgacuuuu <u>g</u> guacag.....	2	0	R73
.....cguagcugcgacuuuu <u>g</u> guacaguu <u>g</u> auuau <u>c</u> uguaucaaaa.....	1	0	R73
.....cguagcugcgacuuuu <u>g</u> guacaguu <u>g</u> auuau <u>c</u> uguaucaaaaagucacagc.....	2	0	R73
.....guagcugcgacuuuu <u>g</u> guacag.....	2	0	R73
.....uaucaaaaagucacagcuug.....	1	0	R73
.....uaucaaaaagucacagcuugc.....	7	0	R73
.....uaucaaaaagucacagcuugcg.....	2	0	R73
.....uaucaaaaagucacagcuugcga.....	2	0	R73
.....uaucaaaaagucacagcuugcgau.....	1	0	R73
.....cguagcugcgacuuuu <u>g</u> guac.....	7	0	A33
.....cguagcugcgacuuuu <u>g</u> guacU.....	2	1	A33
.....cguagcugcgacuuuu <u>g</u> guaca.....	7	0	A33
.....cguagcugcgacuuuu <u>g</u> guatA.....	1	1	A33
.....uaucaaaaagucacagcuugcg.....	1	0	A33