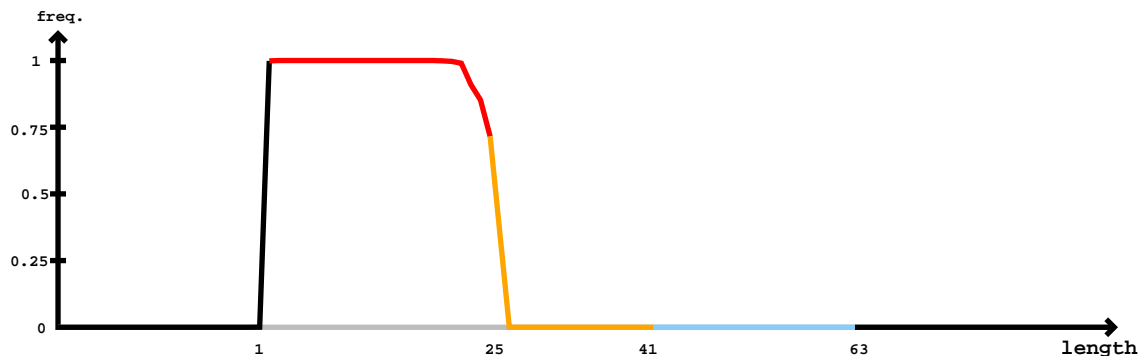
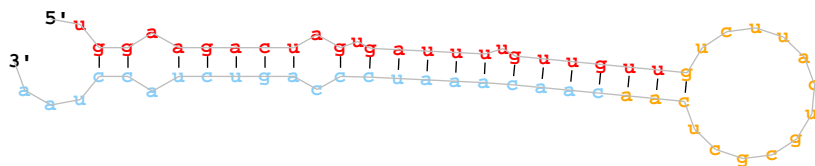


Provisional ID : 15\_32608  
 Score total : 2.3  
 Score for star read(s) : -1.3  
 Score for read counts : 0  
 Score for mfe : 2  
 Score for randfold : 1.6  
 Score for cons. seed :  
 Total read count : 95055  
 Mature read count : 95055  
 Loop read count : 0  
 Star read count : 0



**Mature**

**Star**

5'	exp	reads	mm	sample
guggaccggcuggccccauc <u>uggaagacuagugauuuuguuguuguu</u> gucuuacugcgcucaacaacaaa <u>uccagacucuaa</u> uggugccagccaucgcagcggggugc	known			
guggaccggcuggccccauc <u>uggaagacuagugauuuuguuguuguu</u> gucuuacugcgcucaacaacaaa <u>uccagacucuaa</u> uggugccagccaucgcagcggggugc		1	0	Z1_
.....cuggaagacuagugauuuuguuguu.....		14	0	Z1_
.....uggaagacuagugauuuu.....		1	1	Z1_
.....uggaagacuagugauuuuC.....		21	0	Z1_
.....Aggaagacuagugauuuuug.....		1	1	Z1_
.....uggaagacuagugauuuuugC.....		9	1	Z1_
.....uggaUgacuagugauuuuugu.....		1	1	Z1_
.....uggaagacuagGgauuuuugu.....		1	1	Z1_
.....uggaagacuagCgauuuuugu.....		1	1	Z1_
.....uggaagacuagugauuuuugu.....		37	0	Z1_
.....uggaagacuGgugauuuuugu.....		1	1	Z1_
.....Aggaagacuagugauuuuugu.....		1	1	Z1_
.....uggaagGcuagugauuuuugu.....		1	1	Z1_
.....uggaCgacuagugauuuuugu.....		3	1	Z1_
.....uggaagacuagugauuuuugAu.....		1	1	Z1_
.....uggaUgacuagugauuuuugu.....		1	1	Z1_
.....uggaagacuagugauuuuCGuu.....		1	1	Z1_
.....Aggaagacuagugauuuuugu.....		2	1	Z1_
.....uggaagacuauugauuuuugu.....		2	1	Z1_
.....uggaagGcuagugauuuuugu.....		5	1	Z1_
.....uggaagacuagugauuuuugCu.....		2	1	Z1_
.....uggaagacuagugauuuuugCu.....		4	1	Z1_
.....uggaagacuagCgauuuuugu.....		5	1	Z1_
.....uggaagacuagugauuuuugu.....		850	0	Z1_
.....uUgaagacuagugauuuuugu.....		1	1	Z1_
.....uggNagacuagugauuuuugu.....		1	1	Z1_
.....Cggaagacuagugauuuuugu.....		7	1	Z1_
.....uggaagacuagugGuuuuugu.....		3	1	Z1_
.....uggaagacuGgugauuuuugu.....		3	1	Z1_
.....ugAaagacuagugauuuuugu.....		2	1	Z1_
.....uggUgacuagugauuuuugu.....		2	1	Z1_
.....uggaagacuagugauCuuguu.....		3	1	Z1_
.....uggaagacuagugauuuuugC.....		73	1	Z1_



Mature

Star

guggaccggcuggccccaucuggaagacuagugauuuuuguguugucuuacugcgcucaacaacaaaucccagucuaaccuaauggugccagccaucgcagcggggugc

.....uggaaAacuagugauuuuugugu.....	1	1	Z1_
.....uggaagGcuagugauuuuugugu.....	15	1	Z1_
.....uggaagacuagugauuuuugugu.....	1	1	Z1_
.....uggaagaUuagugauuuuugugu.....	1	1	Z1_
.....uggaagUcuagugauuuuugugu.....	5	1	Z1_
.....uggaagacuAaugauuuuugugu.....	11	1	Z1_
.....uggaagacuagugauuuuugugu.....	1	1	Z1_
.....uggaagacuagugauuuuGguugugu.....	1	1	Z1_
.....uggaagacuagugauuuuugugu.....	1	1	Z1_
.....uggaUgacuagugauuuuugugu.....	9	1	Z1_
.....uggaaAacuagugauuuuugugu.....	9	1	Z1_
.....uggaagacuagugauuuCguugugu.....	35	1	Z1_
.....uggaagacuagugauuuuuguguG.....	29	1	Z1_
.....uggCagacuagugauuuuugugu.....	1	1	Z1_
.....Aggaagacuagugauuuuugugu.....	22	1	Z1_
.....uggaaUacuagugauuuuugugu.....	2	1	Z1_
.....uggaagacuagugauuuuuguuAuu.....	12	1	Z1_
.....uggUgacuagugauuuuugugu.....	7	1	Z1_
.....uggaagacuagugauuuuugugAu.....	1	1	Z1_
.....uggaagacuCgugauuuuugugu.....	2	1	Z1_
.....uggaagacuagugauuuuugugCu.....	47	1	Z1_
.....Cggaagacuagugauuuuugugu.....	68	1	Z1_
.....uggaCgacuagugauuuuugugu.....	37	1	Z1_
.....uggaagacuagugauuuuugugGu.....	11	1	Z1_
.....uggaagacuagugauCuugugu.....	46	1	Z1_
.....uggaagacuagugauuuCguugugu.....	45	1	Z1_
.....uggaagacuagCgauuuuugugu.....	67	1	Z1_
.....uAgaagacuagugauuuuugugu.....	18	1	Z1_
.....uggaagacuagugauuuuAuugugu.....	6	1	Z1_
.....uggaaNacuagugauuuuugugu.....	1	1	Z1_
.....uggaagacuaguCauuuuugugu.....	1	1	Z1_
.....uggaGgacuagugauuuuugugu.....	53	1	Z1_
.....uggaagacuagugauuuuugugCu.....	21	1	Z1_
.....ugUaagacuagugauuuuugugu.....	4	1	Z1_
.....uggaagacuaUugauuuuugugu.....	1	1	Z1_
.....uggaagacuagugauuuuugugu.....	11	1	Z1_
.....uggaagacuagugauuuGguugugu.....	3	1	Z1_
.....uggaagaAuagugauuuuugugu.....	2	1	Z1_
.....uggaagacuagugauuuuugugu.....	2	1	Z1_
.....uggaagacuagGgauuuuugugu.....	5	1	Z1_
.....uggaagaUuagugauuuuugugu.....	9	1	Z1_
.....uggaagacuagugauuuugAuguu.....	2	1	Z1_
.....uggaagacuagugauuuugGuguu.....	2	1	Z1_
.....uggaagacuagAgauuuuugugu.....	3	1	Z1_
.....uggGagacuagugauuuuugugu.....	63	1	Z1_
.....uUgaaagacuagugauuuuugugu.....	9	1	Z1_
.....uggaagacuaguuAuuuugugu.....	9	1	Z1_
.....uggaagCcuagugauuuuugugu.....	1	1	Z1_
.....uggaagacuagugauuuuuguguC.....	689	1	Z1_
.....uCgaagacuagugauuuuugugu.....	1	1	Z1_
.....uggaagacuUgugauuuuugugu.....	6	1	Z1_
.....uggaagGcuagugauuuuugugu.....	58	1	Z1_
.....ugAaagacuagugauuuuugugu.....	13	1	Z1_
.....uggaagacuagugauuuuCuugugu.....	1	1	Z1_
.....uggaagacuGgugauuuuugugu.....	41	1	Z1_
.....uggaagacCagugauuuuugugu.....	44	1	Z1_
.....uggaagacuagugCuuuuugugu.....	3	1	Z1_
.....uggaagacuagugauuuuuguuUuu.....	2	1	Z1_
.....uggaagacuagugaCuuuuugugu.....	48	1	Z1_
.....uggaagacGagugauuuuugugu.....	7	1	Z1_
.....uggaagacuagugauuuuuguuAguu.....	10	1	Z1_
.....uggaagacuagugauuuuuguuA.....	169	1	Z1_
.....uggaagacuagugCuuuuugugu.....	59	1	Z1_
.....uggaagacAagugauuuuugugu.....	5	1	Z1_
.....uNgaagacuagugauuuuugugu.....	1	1	Z1_
.....uggaagacuagugauuuuAguugugu.....	9	1	Z1_
.....uggaagacuagugauuuuAguugugu.....	1	1	Z1_
.....Nggaagacuagugauuuuugugu.....	7	1	Z1_
.....Gggaagacuagugauuuuugugu.....	2	1	Z1_
.....uggaagacuagugauuuugCuguu.....	37	1	Z1_

Mature

Star

guggaccggcuggccccaucuggaagacuagugauuuuguuguugucuuacugcgcucaacaacaaaaccagacuaccuaauggugccagccaucgcagcggggugc			
. . . . . uggaaagacuagugauuuuguuguu . . . . .	9534	0	Z1_
. . . . . uggaaagacuagugauuuuguuguuA . . . . .	5	1	Z1_
. . . . . Ugaagacuagugauuuuguug . . . . .	1	1	Z1_
. . . . . ggaagacuagugauuuuguugu . . . . .	1	0	Z1_
. . . . . Ugaagacuagugauuuuguugu . . . . .	2	1	Z1_
. . . . . Ugaagacuagugauuuuguuguu . . . . .	6	1	Z1_
. . . . . gaagacuagugauuuuguuguu . . . . .	1	0	Z1_
. . . . . cuggaaagacuagugauuuuguu . . . . .	1	0	GDM
. . . . . cuggaaagacuagugauuuuguC . . . . .	1	1	GDM
. . . . . Uuggaaagacuagugauuuuguu . . . . .	6	1	GDM
. . . . . cuggaaagacuaguuuuuuuguuguu . . . . .	1	1	GDM
. . . . . cuggaaagacuaguguuuuuguuguu . . . . .	1	1	GDM
. . . . . cuggaaagacuagugauuuuguuguu . . . . .	14	0	GDM
. . . . . cuggaaAacuagugauuuuguuguu . . . . .	1	1	GDM
. . . . . cuggaaagacuagugacuuuuguuguu . . . . .	1	1	GDM
. . . . . cuggaaagacuagugauuuuguuguu . . . . .	14	0	GDM
. . . . . cuggaaagacuagugauuuuguuguu . . . . .	14	0	GDM
. . . . . cuggaaagacuagugauuuuguuguC . . . . .	1	1	GDM
. . . . . Uuggaaagacuagugauuuuguuguu . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuuC . . . . .	5	1	GDM
. . . . . uggaaagacuGgugauuuu . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuu . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuu . . . . .	58	0	GDM
. . . . . uggaaagacuagugauuuuC . . . . .	5	1	GDM
. . . . . uggaaagacuagugacuuuu . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuu . . . . .	58	0	GDM
. . . . . uggaaagacuagugauuuuG . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuCu . . . . .	1	1	GDM
. . . . . uggaaagGcuagugauuuu . . . . .	2	1	GDM
. . . . . uggaaagacuagugauuuu . . . . .	58	0	GDM
. . . . . uggaaGgacuagugauuuu . . . . .	2	1	GDM
. . . . . uggaaagacuagugauuuuA . . . . .	2	1	GDM
. . . . . uggaaagacuagugauuuug . . . . .	107	0	GDM
. . . . . Aggaaagacuagugauuuug . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuCuG . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuug . . . . .	107	0	GDM
. . . . . uggGgacuagugauuuug . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuuA . . . . .	2	1	GDM
. . . . . uggaaagacuagugauuuug . . . . .	107	0	GDM
. . . . . uggaaGgacuagugauuuug . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuugC . . . . .	19	1	GDM
. . . . . uggaaGgacuagugauuuugu . . . . .	6	1	GDM
. . . . . uggaaagacuagugauuuugA . . . . .	11	1	GDM
. . . . . uggaaCgacuagugauuuugu . . . . .	3	1	GDM
. . . . . uggaaagacuagugauuuugC . . . . .	19	1	GDM
. . . . . uNgaagacuagugauuuugu . . . . .	1	1	GDM
. . . . . uggGgacuagugauuuugu . . . . .	2	1	GDM
. . . . . uggaaagacuagugauuuuUu . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuugu . . . . .	359	0	GDM
. . . . . uggaaagacuagugauuuugu . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuugA . . . . .	11	1	GDM
. . . . . uggaaCgacuagugauuuugu . . . . .	3	1	GDM
. . . . . uggaaagacuagugauuuugG . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuugu . . . . .	359	0	GDM
. . . . . uggaaagacuUugauuuugu . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuugC . . . . .	19	1	GDM
. . . . . uggaaagacuagCgauuuugu . . . . .	4	1	GDM
. . . . . uggaaagacuagugauuuugu . . . . .	1	1	GDM
. . . . . uggaaagacuaguguuuuugu . . . . .	3	1	GDM
. . . . . uggGgacuagugauuuugu . . . . .	2	1	GDM
. . . . . uggaaagacuagugauuuugu . . . . .	359	0	GDM
. . . . . uggaaGgacuagugauuuugu . . . . .	6	1	GDM
. . . . . uggaaagacuagCgauuuugu . . . . .	4	1	GDM
. . . . . Aggaaagacuagugauuuugu . . . . .	1	1	GDM
. . . . . uggaaagacuagugauuuuAu . . . . .	1	1	GDM
. . . . . uggaaagacuGgugauuuugu . . . . .	5	1	GDM
. . . . . uggaaagacuagugauuuugAu . . . . .	1	1	GDM
. . . . . uggaaagacuagugacuuuugu . . . . .	24	1	GDM

Mature

Star

guggaccggcuggccccaucuggaagacuagugauuuuuguguugucuuaacugcgcucaacaacaaaauccagacuaccuaauggugccagccaucgcagcggggugc			
.....uggUgacuagugauuuuguu.....	3	1	GDM
.....uggaagacuagugauuuugua.....	71	1	GDM
.....Aggaagacuagugauuuuguu.....	12	1	GDM
.....uggaagacuagugauuuguu.....	6	1	GDM
.....uggaagacuagugauuuuguC.....	244	1	GDM
.....uggaagacuagugauuuuguu.....	24	1	GDM
.....uggaagacuaguuuuuguu.....	5	1	GDM
.....ugAaagacuagugauuuuguu.....	5	1	GDM
.....uggaagacuagugauuuguu.....	2	1	GDM
.....uggaagacuagugauuuuAuu.....	3	1	GDM
.....uggaagacuagugauuuugCu.....	21	1	GDM
.....uggaCgacuagugauuuuguu.....	13	1	GDM
.....uggaagacuaguuuuuguu.....	5	1	GDM
.....uggaagacuagugauuuguu.....	6	1	GDM
.....uggaagacuagugauuuuguC.....	244	1	GDM
.....uggaagacuagugauuuguu.....	9	1	GDM
.....uggaGgacuagugauuuuguu.....	22	1	GDM
.....uggaagacuagugauuuuguu.....	2	1	GDM
.....uggaCgacuagugauuuuguu.....	13	1	GDM
.....uggaagacuUgugauuuuguu.....	6	1	GDM
.....uggaagacuagugauuuuguu.....	15	1	GDM
.....uAgaagacuagugauuuuguu.....	10	1	GDM
.....uggaagacuagugauuuuAuu.....	3	1	GDM
.....Gggaagacuagugauuuuguu.....	1	1	GDM
.....uggGgacuagugauuuuguu.....	20	1	GDM
.....ugAaagacuagugauuuuguu.....	5	1	GDM
.....uggaagacuUugauuuuguu.....	1	1	GDM
.....uggaagacuagugauuuguu.....	9	1	GDM
.....uggaagacuagugauuuCguu.....	8	1	GDM
.....uggaagacuUgugauuuuguu.....	6	1	GDM
.....uggaagacuagugauuuuguC.....	244	1	GDM
.....uggaagacuagugauuuguu.....	26	1	GDM
.....uggGgacuagugauuuuguu.....	20	1	GDM
.....uggaagacuaguguuuuuguu.....	23	1	GDM
.....uggaagacuagAgaauuuuguu.....	4	1	GDM
.....uggaagacuagCgaauuuuguu.....	10	1	GDM
.....uggaagacuGgugauuuuguu.....	5	1	GDM
.....uggaCgacuagugauuuuguu.....	13	1	GDM
.....uggaaAacuagugauuuuguu.....	5	1	GDM
.....uggaagacuagugauuuuguu.....	24	1	GDM
.....uggaaCacuagugauuuuguu.....	1	1	GDM
.....uAgaagacuagugauuuuguu.....	10	1	GDM
.....uggaagacuagugauuuuguu.....	3563	0	GDM
.....uggaagacuagugauuuguu.....	1	1	GDM
.....uggaagGcuagugauuuuguu.....	24	1	GDM
.....uggaagacuagugauuuuguu.....	15	1	GDM
.....uggaagacuagugauuuugCu.....	21	1	GDM
.....uAgaagacuagugauuuuguu.....	10	1	GDM
.....uggaagacuCgugauuuuguu.....	3	1	GDM
.....Aggaagacuagugauuuuguu.....	12	1	GDM
.....uggaaAacuagugauuuuguu.....	5	1	GDM
.....uggaagacuagugauuuguu.....	2	1	GDM
.....uggaGgacuagugauuuuguu.....	22	1	GDM
.....uggaagacuagugauCuuguu.....	26	1	GDM
.....uggaagacuAaugauuuuguu.....	6	1	GDM
.....Cggaagacuagugauuuuguu.....	17	1	GDM
.....uggaagacuagugauuuuguu.....	3563	0	GDM
.....uggaGgacuagugauuuuguu.....	22	1	GDM
.....uggaagacuagugauuuguu.....	9	1	GDM
.....uggaagacuagugauuuuguu.....	15	1	GDM
.....uggaUgacuagugauuuuguu.....	4	1	GDM
.....uggUgacuagugauuuuguu.....	3	1	GDM
.....uggaagacuagugauuuguu.....	6	1	GDM
.....uggaagacuagugauuuugCu.....	21	1	GDM
.....uggaagacuaguguuuuuguu.....	23	1	GDM
.....uggaUgacuagugauuuuguu.....	4	1	GDM
.....uggaagacuagugauuuCguu.....	8	1	GDM
.....uggaagacuagugauuuCguu.....	8	1	GDM
.....uggaagacuagugauCuuguu.....	26	1	GDM
.....uggaagGcuagugauuuuguu.....	24	1	GDM

Mature

Star

guggaccggcuggccccauc	uggaagacuagugauuuu	uguguugucuua	acugcgcuca	caacaaa	ucccagcuc	uaccuaa	uggugccagccaucgacg	ggggugc			
.....	uggaagacuagugauuuu	Aguu	.....						1	1	GDM
.....	uggaagacuagugauuuu	Guuuuguu	.....						23	1	GDM
.....	ugAaagacuagugauuuu	uguu	.....						5	1	GDM
.....	uggaagacuagugauuuu	G	.....						20	1	GDM
.....	uggaagacuag	Agauuuuuguu	.....						4	1	GDM
.....	uggaagacuagugauuuu	Auu	.....						3	1	GDM
.....	uggaagacuUgugauuuu	uguu	.....						6	1	GDM
.....	uggaagacuagugauuuu	uguu	.....						3563	0	GDM
.....	uggaagacuagugauuuu	G	.....						20	1	GDM
.....	Cggaagacuagugauuuu	uguu	.....						17	1	GDM
.....	Aggaagacuagugauuuu	uguu	.....						12	1	GDM
.....	uggGagacuagugauuuu	uguu	.....						20	1	GDM
.....	uggaagacuGgugauuuu	uguu	.....						5	1	GDM
.....	uggaagGcuagugauuuu	uguu	.....						24	1	GDM
.....	Cggaagacuagugauuuu	uguu	.....						17	1	GDM
.....	uggNagacuagugauuuu	uguu	.....						1	1	GDM
.....	uggaagCcuagugauuuu	uguu	.....						1	1	GDM
.....	uggaagacuagCgauuuu	uguu	.....						10	1	GDM
.....	uggaagacuagugauuuu	gAA	.....						71	1	GDM
.....	uggaagacuagugauuuu	gAA	.....						71	1	GDM
.....	uggaagacuagugauuuu	gGu	.....						1	1	GDM
.....	uggaagacuagCgauuuu	uguu	.....						10	1	GDM
.....	uggaUgacuagugauuuu	uguu	.....						4	1	GDM
.....	uggaagacuAaugauuuu	uguu	.....						6	1	GDM
.....	uggaagacuAaugauuuu	uguu	.....						6	1	GDM
.....	uggaagacuagugauuuu	ugG	.....						20	1	GDM
.....	uggaagacuagugaAuuu	uguu	.....						2	1	GDM
.....	uggaagacGagugauuuu	uguu	.....						2	1	GDM
.....	uggaagGcuagugauuuu	ug	.....						7	1	GDM
.....	uggaagacuagugauuuu	gAA	.....						128	1	GDM
.....	uggaagacuagugauuuu	Auug	.....						2	1	GDM
.....	uggaagacuagugauuuu	Auug	.....						2	1	GDM
.....	uggaCgacuagugauuuu	ug	.....						5	1	GDM
.....	uggaagacuagugauuuu	Gg	.....						60	1	GDM
.....	Aggaagacuagugauuuu	ug	.....						7	1	GDM
.....	uggaagacuagugauuuu	Gg	.....						14	1	GDM
.....	uggaagacuGgugauuuu	ug	.....						8	1	GDM
.....	uggaagacuaguAAuuu	ug	.....						5	1	GDM
.....	uggaGgacuagugauuuu	ug	.....						15	1	GDM
.....	uAgaagacuagugauuuu	ug	.....						3	1	GDM
.....	uggaagacCagugauuuu	ug	.....						9	1	GDM
.....	uggaagacuagugauuuu	gAA	.....						3	1	GDM
.....	uggaagacuagugauuuu	Gg	.....						14	1	GDM
.....	uggaagacuagugauuuu	Cuuug	.....						7	1	GDM
.....	uggaagacuagugauuuu	Cguug	.....						8	1	GDM
.....	uggaagacuagugauuuu	C	.....						2	1	GDM
.....	uggaagacuagugauuuu	Gugug	.....						1	1	GDM
.....	uggaagacuagugauuuu	gAA	.....						128	1	GDM
.....	uggaagacAagugauuuu	ug	.....						6	1	GDM
.....	uggaagacuUgugauuuu	ug	.....						2	1	GDM
.....	uggaagacCagugauuuu	ug	.....						9	1	GDM
.....	uggaGgacuagugauuuu	ug	.....						15	1	GDM
.....	uggaagacuagugauuuu	ug	.....						2273	0	GDM
.....	uggaagacuagugauuuu	Gg	.....						14	1	GDM
.....	uggaagacuagugauuuu	Gug	.....						13	1	GDM
.....	ugUaagacuagugauuuu	ug	.....						3	1	GDM
.....	uggaagacuagugauuuu	gAA	.....						13	1	GDM
.....	uggaagacuagugauuuu	gAA	.....						128	1	GDM
.....	uggaagacCagugauuuu	ug	.....						9	1	GDM
.....	uggaagUcuagugauuuu	ug	.....						3	1	GDM
.....	Cggaagacuagugauuuu	ug	.....						4	1	GDM
.....	Aggaagacuagugauuuu	ug	.....						7	1	GDM
.....	uggaagacuaguAAuuu	ug	.....						5	1	GDM
.....	uggaagacuagAgauuuu	ug	.....						2	1	GDM
.....	uggaaAacuagugauuuu	ug	.....						4	1	GDM
.....	uggGagacuagugauuuu	ug	.....						11	1	GDM
.....	uggaagUcuagugauuuu	ug	.....						3	1	GDM
.....	uggaagacuagugauuuu	Gug	.....						8	1	GDM
.....	uggaagacuGgugauuuu	ug	.....						8	1	GDM
.....	uggaagaUuagugauuuu	ug	.....						4	1	GDM

Mature

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.....Aggaagacuagugauuuugugug.....	7	1	GDM
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.....uggaagacuagugauuuugGug.....	8	1	GDM
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.....uggaagGcuagugauuuugugug.....	7	1	GDM
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Mature

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.....	uNgaagacuagugauuuugugug	.....	2	1	GDM
.....	uggaagacuagugauuuuAguugug	.....	9	1	GDM
.....	uggaagacuagAguuuuugugug	.....	4	1	GDM
.....	uggaagacuaguUauuuuugugug	.....	2	1	GDM
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.....	uggaagacuagugauuuuugugug	.....	33	1	GDM
.....	uggaagacuagugauuuuugugCu	.....	1	1	GDM
.....	uggaagacuagugauuuuugugG	.....	23	1	GDM
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.....	uAgaagacuagugauuuuugugug	.....	8	1	GDM



Mature

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Mature

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.....	uggaagacuagugauuuuGguuu.....	.....	7	1 GDM
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Mature

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.....uggaUgacuagugauuuuuguguu.....			27	1 GDM
.....uggaagacuagugauuuuuguguu.....			11	1 GDM
.....uggaagacuagugauuuuuguguuG.....			91	1 GDM
.....uggaagacuagugauuuuuguguu.....			8	1 GDM
.....uggaagacuagugauuuuuguguu.....			103	1 GDM
.....uggaagacuagugauuuuuguguu.....			7	1 GDM
.....uggaagacuagugauuuuuguguuG.....			31	1 GDM
.....uggaagacuauUugauuuuuguguu.....			13	1 GDM
.....uggaagacuagugauuuuugCuuu.....			106	1 GDM
.....Aggaagacuagugauuuuuguguu.....			57	1 GDM
.....uggaagacuagugauuuuuguuuu.....			4	1 GDM
.....uggaagacuagugauuuuugCuuu.....			85	1 GDM
.....uggaagacuagugauuuuuguguuC.....			1754	1 GDM
.....uggaagacuagugauuuuuguguu.....			17	1 GDM
.....uggaagacuagugauuuuuguguu.....			85	1 GDM
.....uUgaagacuagugauuuuuguguu.....			7	1 GDM
.....uggaagacuagugauuuuuguguu.....			85	1 GDM
.....uggaagacuagugCuuuuuguguu.....			2	1 GDM
.....Ggaagacuagugauuuuuguguu.....			9	1 GDM
.....uggaagacuauAugauuuuuguguu.....			25	1 GDM
.....uggaUgacuagugauuuuuguguu.....			27	1 GDM
.....uggaagUcuagugauuuuuguguu.....			12	1 GDM
.....uggaagacuagugauuuuuguguuC.....			1754	1 GDM
.....uggaagacuagugauuuuuguguu.....			22	1 GDM
.....uggaagacuagAgauuuuuguguu.....			21	1 GDM
.....uggaagacuagugauuuuAuguu.....			21	1 GDM
.....uggaagacuagugauuuuugCuuu.....			4	1 GDM
.....uggaagacuagugauuuuuguguu.....			17	1 GDM
.....uggaagacuagugauuuuugAuguu.....			12	1 GDM
.....Ggaagacuagugauuuuuguguu.....			9	1 GDM
.....uUgaagacuagugauuuuuguguu.....			7	1 GDM
.....uggaagacuagugauuuuuguguu.....			3	1 GDM
.....uggaagacuauUugauuuuuguguu.....			13	1 GDM
.....uggaagUcuagugauuuuuguguu.....			12	1 GDM
.....uggaagacuagugauuuuuguuuu.....			1	1 GDM
.....uggaagacuagugauuuuugCuuu.....			85	1 GDM
.....uggaGgacuagugauuuuuguguu.....			189	1 GDM
.....uggaagacuagugauuuuAuguu.....			16	1 GDM
.....uggaagacuagugauuuuugCuuu.....			122	1 GDM
.....uggaagacuagugauuuuuguuuu.....			113	1 GDM
.....uggaagacuagugauuuuuguuuu.....			121	1 GDM
.....uggGagacuagugauuuuuguguu.....			128	1 GDM
.....uggaagacuagugauuuuuguuuu.....			8	1 GDM
.....uggaagacuagugauuuuAuguu.....			21	1 GDM
.....uggaagacuagugauuuuugCuuu.....			140	1 GDM
.....uggaagacuagugauuuuuguuuu.....			31	1 GDM
.....uggaagacuagugauuuuCuuu.....			4	1 GDM
.....uggaagUcuagugauuuuuguuuu.....			12	1 GDM
.....uggaagacuagugauuuuuguuuu.....			231.9	0 GDM
.....uggUgacuagugauuuuuguguu.....			18	1 GDM
.....Aggaagacuagugauuuuuguuuu.....			57	1 GDM
.....uggaagacuauAugauuuuuguguu.....			25	1 GDM
.....uggaagacuaguuuuuuguguu.....			40	1 GDM
.....uggaagCuagugauuuuuguuuu.....			1	1 GDM
.....uggaagacuagugauuuuuguuuu.....			4	1 GDM
.....uggaagacuagugauuuuugCuuu.....			4	1 GDM
.....Ggaagacuagugauuuuuguuuu.....			9	1 GDM
.....uAgaagacuagugauuuuuguuuu.....			41	1 GDM
.....uggaagacuagugauuuuAuguu.....			31	1 GDM

Mature

Star

guggaccggcuggccccaucuggaagacuagugauuuuuguguugucuuacugcgcucaacaacaaaaccagcucuaacuuuggugccagccaucgcagcggggugc			
. . . . . uggagacuagugauuuuuguguu . . . . .	189	1	GDM
. . . . . uggagacuagugauuuuuguguu . . . . .	24	1	GDM
. . . . . uggaaUacuagugauuuuuguguu . . . . .	4	1	GDM
. . . . . uggagacuagugauuuuuguguu . . . . .	3	1	GDM
. . . . . uggagacuagCgauuuuuguguu . . . . .	104	1	GDM
. . . . . uggagacuagugauuuuuguguu . . . . .	4	1	GDM
. . . . . uggagacuagugauuuuuguguu . . . . .	12	1	GDM
. . . . . uggaaUacuagugauuuuuguguu . . . . .	4	1	GDM
. . . . . uggagacuagCgauuuuuguguu . . . . .	104	1	GDM
. . . . . uggagacuaguuuuuuguguu . . . . .	40	1	GDM
. . . . . uggagacuaguguuuuuuguguu . . . . .	115	1	GDM
. . . . . uggagacuagugauuuuuguguug . . . . .	3	0	GDM
. . . . . uggagacuagugauuuuuguguuA . . . . .	7	1	GDM
. . . . . uggagacuagugauuuuuguguuA . . . . .	7	1	GDM
. . . . . uggagacuagugauuuuuguguug . . . . .	3	0	GDM
. . . . . uggagacuagugauuuuuguguuAgu . . . . .	1	1	GDM
. . . . . uggagacuagugauuuuuguguu . . . . .	1	0	GDM
. . . . . Ugaagacuagugauuuuuguu . . . . .	2	1	GDM
. . . . . Ugaagacuagugauuuuuguu . . . . .	2	1	GDM
. . . . . ggaagacuagugauuuuuguC . . . . .	1	1	GDM
. . . . . Ugaagacuagugauuuuugug . . . . .	7	1	GDM
. . . . . ggaagacuagugauuuuugug . . . . .	1	0	GDM
. . . . . Ugaagacuagugauuuuugug . . . . .	7	1	GDM
. . . . . Ugaagacuagugauuuuugug . . . . .	7	1	GDM
. . . . . ggaagacuagugauuuuugug . . . . .	2	0	GDM
. . . . . Ugaagacuagugauuuuugug . . . . .	6	1	GDM
. . . . . ggaagacuagugauuuuugug . . . . .	1	1	GDM
. . . . . Ugaagacuagugauuuuugug . . . . .	6	1	GDM
. . . . . ggaagacuagugauuuuugug . . . . .	9	0	GDM
. . . . . Ugaagacuagugauuuuugug . . . . .	34	1	GDM
. . . . . Ugaagacuagugauuuuugug . . . . .	34	1	GDM
. . . . . ggaagacuagugauuuuugugC . . . . .	1	1	GDM
. . . . . ggaagacuagugauuuuugug . . . . .	9	0	GDM
. . . . . Ugaagacuagugauuuuugug . . . . .	34	1	GDM
. . . . . ggaagacuagugauuuuugugCu . . . . .	1	1	GDM
. . . . . gaagacuagugauuuuugug . . . . .	2	0	GDM
. . . . . gaagacuagugauuuuugugC . . . . .	1	1	GDM
. . . . . gaagacuagugauuuuugugA . . . . .	2	1	GDM
. . . . . gaagacuagugauuuuugug . . . . .	2	0	GDM
. . . . . aagacuagugauuuuuguu . . . . .	1	0	GDM
. . . . . Auggaagacuagugauuuuuguguu . . . . .	2	1	Z3_
. . . . . uggagacuagugauuuu . . . . .	12	0	Z3_
. . . . . uggagGcuagugauuuu . . . . .	1	1	Z3_
. . . . . uggagGacuagugauuuug . . . . .	1	1	Z3_
. . . . . uggagacuagugauuuug . . . . .	19	0	Z3_
. . . . . uggagacuagugauuuugG . . . . .	3	1	Z3_
. . . . . uggagGcuagugauuuug . . . . .	1	1	Z3_
. . . . . uggagacuagugauuuugC . . . . .	6	1	Z3_
. . . . . uggagacuagugauuuug . . . . .	57	0	Z3_
. . . . . uggagacuagugauuuugA . . . . .	3	1	Z3_
. . . . . uggagacuagGgauuuug . . . . .	1	1	Z3_
. . . . . uggagacuagugaCuuuug . . . . .	1	1	Z3_
. . . . . uggagacuagugauuuuuguu . . . . .	5	1	Z3_
. . . . . uggagacuGgugauuuuuguu . . . . .	4	1	Z3_
. . . . . ugLaagacuagugauuuuuguu . . . . .	6	1	Z3_
. . . . . uggagacuagugauuuugGu . . . . .	2	1	Z3_
. . . . . uggagacuagGgauuuuuguu . . . . .	1	1	Z3_
. . . . . uggagacuagugauuuuuguu . . . . .	5	1	Z3_
. . . . . uggagacuagCgauuuuuguu . . . . .	5	1	Z3_
. . . . . uggagacuagugauuuuuguC . . . . .	79	1	Z3_
. . . . . uggagacuagugauuuuuguu . . . . .	1	1	Z3_
. . . . . uggagacuagugCuuuuuguu . . . . .	2	1	Z3_
. . . . . uggagacuagugauuuuugCu . . . . .	10	1	Z3_
. . . . . uggagacuagugauuuuuguu . . . . .	1	1	Z3_
. . . . . uggagacuagugauuuuuguu . . . . .	953	0	Z3_
. . . . . uggagacuagugaCuuuuuguu . . . . .	6	1	Z3_
. . . . . Cggaagacuagugauuuuuguu . . . . .	6	1	Z3_
. . . . . Aggaagacuagugauuuuuguu . . . . .	3	1	Z3_
. . . . . uggagacuagugauuuuuguu . . . . .	1	1	Z3_

Mature

Star

guggaccggcuggccccaucuggaagacuagugauuuuguguugucuuacugcgcucaacaacaaaaccagcucuaacuuuggugccagccaucgcagcggggugc

.....uggaaUacuagugauuuuguu.....	1	1	Z3_
.....uggaagacuaguuuuuuuguu.....	1	1	Z3_
.....uAgaagacuagugauuuuguu.....	1	1	Z3_
.....uggaagacuagugauuuuAguu.....	2	1	Z3_
.....uggaagacuagugauuuuuuG.....	3	1	Z3_
.....uggaagacuagugauuuuuuguu.....	1	1	Z3_
.....uggGagacuagugauuuuuuguu.....	4	1	Z3_
.....uggaagacCagugauuuuuuguu.....	5	1	Z3_
.....uggaagacuagugauuuuuuA.....	14	1	Z3_
.....uggaaAacuagugauuuuuuguu.....	2	1	Z3_
.....uggaagGcuagugauuuuuuguu.....	6	1	Z3_
.....uggaCgacuagugauuuuuuguu.....	1	1	Z3_
.....uggaGgacuagugauuuuuuguu.....	5	1	Z3_
.....uggaagacuagCgauuuuuugug.....	4	1	Z3_
.....uggaagacuagugauuuuCGuug.....	3	1	Z3_
.....uggaagacuAaugauuuuuugug.....	1	1	Z3_
.....uggaagaUuagugauuuuuugug.....	1	1	Z3_
.....uggaagacuagAgauuuuuugug.....	1	1	Z3_
.....uggaagacuagugauuuuuuuC.....	1	1	Z3_
.....uggaagacuagugacuCuuuuuugug.....	3	1	Z3_
.....uggaagUcuagugauuuuuugug.....	2	1	Z3_
.....uggaagaGuagugauuuuuugug.....	1	1	Z3_
.....uggaagacuagugGuuuuuugug.....	3	1	Z3_
.....uggaagacuGgugauuuuuugug.....	1	1	Z3_
.....uggaagacuagugauuuGuguug.....	1	1	Z3_
.....uggGagacuagugauuuuuugug.....	3	1	Z3_
.....uggaagacuagugauuuuuugug.....	666	0	Z3_
.....uggaUgacuagugauuuuuugug.....	1	1	Z3_
.....uggaagacuagugauuuuuugug.....	1	1	Z3_
.....uggaagacuagugauuuuuuguuU.....	2	1	Z3_
.....uggaagacCagugauuuuuugug.....	1	1	Z3_
.....uggaagacuagugauuuuuAuuug.....	5	1	Z3_
.....uggaagGcuagugauuuuuugug.....	1	1	Z3_
.....uggaaAacuagugauuuuuugug.....	2	1	Z3_
.....Gggaagacuagugauuuuuugug.....	2	1	Z3_
.....uggaagacuagugauuuuAuguug.....	1	1	Z3_
.....uggaagacuagugauuuuuuAg.....	1	1	Z3_
.....uAgaagacuagugauuuuuugug.....	1	1	Z3_
.....uggaagacuagugauuuuuuuA.....	41	1	Z3_
.....uggaagCcuagugauuuuuugug.....	1	1	Z3_
.....Cggaagacuagugauuuuuugug.....	3	1	Z3_
.....Aggaagacuagugauuuuuugug.....	1	1	Z3_
.....uggaGgacuagugauuuuuugug.....	1	1	Z3_
.....uggaCgacuagugauuuuuugug.....	1	1	Z3_
.....uggaagacuaguuuuuuuuuuugug.....	2	1	Z3_
.....uggaagacuagugauCuuuuuugug.....	2	1	Z3_
.....uggaagacuagugauuuuuuuCG.....	5	1	Z3_
.....uggaagacuUgugauuuuuuuugug.....	3	1	Z3_
.....uggaagacuagugauuuCuuuuuugug.....	2	1	Z3_
.....uggaagacuagugauuuuuuuCGug.....	1	1	Z3_
.....uggaagacuagugauuuuuuuuuA.....	41	1	Z3_
.....uggaagacuagugacuCuuuuuugug.....	4	1	Z3_
.....uggUagacuagugauuuuuuuugug.....	1	1	Z3_
.....uggaagacuagugauuuuuuuuuCG.....	149	1	Z3_
.....uggaagacuagugauuuuuuuuuG.....	1	1	Z3_
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.....uggaagacuagugauuuuuuuuuuuugug.....	1471	0	Z3_
.....uggaGgacuagugauuuuuuuuuugug.....	8	1	Z3_
.....uggaagacuGgugauuuuuuuuuuuugug.....	4	1	Z3_
.....Aggaagacuagugauuuuuuuuuuuugug.....	2	1	Z3_
.....uggaagacuagugauuuuuuuuuuuCGu.....	8	1	Z3_
.....uggaagacuagugauuuGuguuuugug.....	1	1	Z3_
.....uggaagaUuagugauuuuuuuuuuuugug.....	1	1	Z3_
.....uggaagacuagugauuuuuuuuuuuCGuugug.....	9	1	Z3_
.....uggaCgacuagugauuuuuuuuuuuugug.....	1	1	Z3_
.....uggaUgacuagugauuuuuuuuuuuuuugug.....	1	1	Z3_
.....uggNagacuagugauuuuuuuuuuuuuugug.....	1	1	Z3_
.....uggaagacuagAgauuuuuuuuuuuuuugug.....	1	1	Z3_

Mature

Star

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.....uggaagacCagugauuuuguguu.....	5	1	Z3_
.....uggaagacuaAugauuuuguguu.....	1	1	Z3_
.....uggaagacuagugauuuCuguguu.....	7	1	Z3_
.....uggaagacuaguuuuuuuguguu.....	1	1	Z3_
.....uggaagacuagugauuuuguuAu.....	2	1	Z3_
.....uggaagacuauugauuuuguguu.....	1	1	Z3_
.....ugAaagacuagugauuuuguguu.....	2	1	Z3_
.....uggaaAacuagugauuuuguguu.....	5	1	Z3_
.....uggaagacuagugauGuuguguu.....	1	1	Z3_
.....uggaagacuaguuuuuuuguguu.....	1	1	Z3_
.....uggaagacuagCgauuuuguguu.....	4	1	Z3_
.....uggaagacuagugaGuuuguguu.....	1	1	Z3_
.....uggaagacuaguguuuuuguguu.....	2	1	Z3_
.....uggaagacuagugauCuuguguu.....	3	1	Z3_
.....uggaagacuagugauuuugCuguu.....	4	1	Z3_
.....uggGagacuagugauuuuguguu.....	5	1	Z3_
.....uggaagacGagugauuuuguguu.....	1	1	Z3_
.....Cggaagacuagugauuuuguguu.....	6	1	Z3_
.....uAgaagacuagugauuuuguguu.....	2	1	Z3_
.....uggaagacuUgugauuuuguguu.....	4	1	Z3_
.....Gggaagacuagugauuuuguguu.....	2	1	Z3_
.....uggaagacuagugauuuuAuuguu.....	1	1	Z3_
.....uAgaagacuagugauuuuguguu.....	14	1	Z3_
.....uggaagacuagugauuuuguguu.....	1	1	Z3_
.....uggaagaUuagugauuuuguguu.....	3	1	Z3_
.....uggaagacuagugauGuuguguu.....	2	1	Z3_
.....uggaagacuGgugauuuuguguu.....	36	1	Z3_
.....uggaagaGuagugauuuuguguu.....	3	1	Z3_
.....uggaagacuagCgauuuuguguu.....	53	1	Z3_
.....uggaagCcuagugauuuuguguu.....	1	1	Z3_
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.....uggaagacuagugauuuuguguuG.....	7	1	Z3_
.....uggaagUcuagugauuuuguguu.....	4	1	Z3_
.....ugAaagacuagugauuuuguguu.....	8	1	Z3_
.....uggaagacuUgugauuuuguguu.....	9	1	Z3_
.....uggaagacuaguuuuuuuguguu.....	11	1	Z3_
.....Gggaagacuagugauuuuguguu.....	6	1	Z3_
.....uggaagacuagugauCuuguguu.....	28	1	Z3_
.....Nggaagacuagugauuuuguguu.....	1	1	Z3_
.....uggNagacuagugauuuuguguu.....	1	1	Z3_
.....uggaaAacuagugauuuuguguu.....	13	1	Z3_
.....uggaagacuagugauuuuguguu.....	9133	0	Z3_
.....uggaagacCagugauuuuguguu.....	22	1	Z3_
.....uggaagacuagugauuuuguguuG.....	31	1	Z3_
.....uggaagacuagugaCuuguguu.....	30	1	Z3_
.....uggGagacuagugauuuuguguu.....	49	1	Z3_
.....uggaagacuagugauuuuAuuguu.....	11	1	Z3_
.....uggaagacuagugCuuuuguguu.....	4	1	Z3_
.....Aggaagacuagugauuuuguguu.....	25	1	Z3_
.....uggaUgacuagugauuuuguguu.....	13	1	Z3_
.....uggaagacuagugauuuugCuguu.....	42	1	Z3_
.....uggaagacuagugauuuugugCu.....	43	1	Z3_
.....uggaagacuagugauuuCuguguu.....	40	1	Z3_
.....uggaagaAuagugauuuuguguu.....	1	1	Z3_
.....uggaagacuagugauuuugAuguu.....	2	1	Z3_
.....uggaagacuagugauuuCguuguu.....	33	1	Z3_
.....uggaagacuagugauuuuguguuA.....	190	1	Z3_
.....uggaagacuagugauuuGuguguu.....	1	1	Z3_
.....uggaagacuaguguuuuuguguu.....	49	1	Z3_
.....uggaagacuAAugauuuuguguu.....	6	1	Z3_
.....uggaagacuagugauuuAuguguu.....	1	1	Z3_
.....uggaagacuagugaGuuuguguu.....	2	1	Z3_
.....ugCaagacuagugauuuuguguu.....	1	1	Z3_
.....uggaaUacuagugauuuuguguu.....	1	1	Z3_
.....ugUaagacuagugauuuuguguu.....	1	1	Z3_
.....uNgaagacuagugauuuuguguu.....	2	1	Z3_
.....Cggaagacuagugauuuuguguu.....	51	1	Z3_
.....uggaagGcuagugauuuuguguu.....	36	1	Z3_
.....uggaagacuagugauuuuAguguu.....	10	1	Z3_
.....uggaagacuagugauuuuguguu.....	10	1	Z3_

Mature

Star

guggaccggcuggccccauc	uggaagacuagugauuuuuguguugucuuaacugcgcucaacaacaaaaccagacuaccuaa	uggugccagccaucgcagcggggugc			
.....uggaagacuagGgauuuuuguguu.....			3	1	Z3_
.....uggUagacuagugauuuuuguguu.....			3	1	Z3_
.....uggaagacuagugauuuuuguguu.....			9	1	Z3_
.....uggaagacuagugauuuuuguguu.....			5	1	Z3_
.....uggaagacuagugauuuuuguguu.....			5	1	Z3_
.....uggaagacuagugauuuuuguguu.....			7	1	Z3_
.....uggaagacuagugauuuuuguguu.....			4	1	Z3_
.....uggaagacuagugauuuuuguguu.....			6	1	Z3_
.....uggaagacuagugauuuuuguguu.....			2	1	Z3_
.....uggaagacuagugauuuuuguguu.....			2	1	Z3_
.....uUgaagacuagugauuuuuguguu.....			1	1	Z3_
.....uggaagacuagugauuuuuguguu.....			30	1	Z3_
.....uggaagacuagugauuuuuguguu.....			1	1	Z3_
.....uggaCgacuagugauuuuuguguu.....			13	1	Z3_
.....uggaagacuagugauuuuuguguu.....			5	1	Z3_
.....uggaGgacuagugauuuuuguguu.....			51	1	Z3_
.....uggaagacuagugauuuuuguguu.....			6	1	Z3_
.....Ugaagacuagugauuuuuguguu.....			2	1	Z3_
.....Ugaagacuagugauuuuuguguu.....			1	1	Z3_
.....Ugaagacuagugauuuuuguguu.....			9	1	Z3_
.....ggaagacuagugauuuuuguguu.....			1	1	Z3_
.....cuggaagacuagugauuuuuguguu.....			4	0	Z2_
.....cuggaagacuagugauuuuuguguu.....			2	1	Z2_
.....uggaagacuagugauuuu.....			11	0	Z2_
.....uggaagacuaAagauuuu.....			1	1	Z2_
.....uggaagacuagugauuuu.....			1	1	Z2_
.....uggaagacuagugauuuu.....			3	1	Z2_
.....uggaagacuagugauuuu.....			1	1	Z2_
.....uggaagacuagugauuuu.....			28	0	Z2_
.....uggaUgacuagugauuuu.....			1	1	Z2_
.....uggaagacuagugauuuu.....			1	1	Z2_
.....uggUagacuagugauuuu.....			1	1	Z2_
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