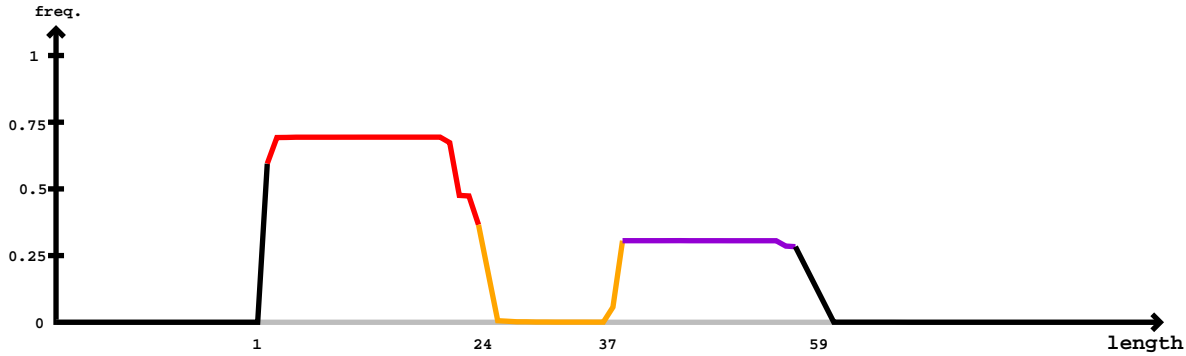
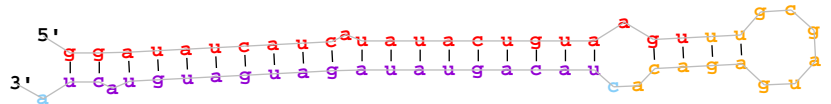


Provisional ID : 17\_36903  
 Score total : 16167.3  
 Score for star read(s) : 3.9  
 Score for read counts : 16159.5  
 Score for mfe : 2.2  
 Score for randfold : 1.6  
 Score for cons. seed :  
 Total read count : 31708  
 Mature read count : 22016  
 Loop read count : 0  
 Star read count : 9692



**Mature**

**Star**

5'	reads	mm	sample
ccccaguggggcccgugcggggaauaucaucauauacuguaaguuugcgaugagacacucacagauagaugauguaucuaaguccgggacccccagcucuggagccugacaagga	1	1	GDM
ccccaguggggcccgugcggggaauaucaucauauacuguaaguuugcgaugagacacucacagauagaugauguaucuaaguccgggacccccagcucuggagccugacaagga	2	1	GDM
ccccaguggggcccgugcggggaauaucaucauauacuguaaguuugcgaugagacacucacagauagaugauguaucuaaguccgggacccccagcucuggagccugacaagga	410	0	GDM
.....ggauaucaucauauacugua.....	3	1	GDM
.....ggauaucaucauauacugua.....	2	1	GDM
.....ggauaucaucauauacugua.....	6	1	GDM
.....ggauaucaucauauacugua.....	4	1	GDM
.....ggauaucaucauauacugua.....	1	1	GDM
.....ggauaucaucauauacugua.....	410	0	GDM
.....ggauaucaucauauacugua.....	3	1	GDM
.....ggauaucaucauauacugua.....	6	1	GDM
.....ggauaucaucauauacugua.....	1	1	GDM
.....ggauaucaucauauacugua.....	1	1	GDM
.....ggauaucaucauauacugua.....	18	1	GDM
.....ggauaucaucauauacugua.....	4	1	GDM
.....ggauaucaucauauacugua.....	1	1	GDM
.....ggauaucaucauauacugua.....	3	1	GDM
.....ggauaucaucauauacugua.....	8	1	GDM
.....ggauaucaucauauacugua.....	1	1	GDM
.....ggauaucaucauauacugua.....	3	1	GDM
.....ggauaucaucauauacugua.....	18	1	GDM
.....ggauaucaucauauacugua.....	8	1	GDM
.....ggauaucaucauauacugua.....	1	1	GDM
.....ggauaucaucauauacugua.....	410	0	GDM
.....ggauaucaucauauacugua.....	5	1	GDM
.....ggauaucaucauauacugua.....	2	1	GDM
.....ggauaucaucauauacugua.....	18	1	GDM
.....ggauaucaucauauacugua.....	4	1	GDM
.....ggauaucaucauauacugua.....	16	1	GDM
.....ggauaucaucauauacugua.....	1	1	GDM
.....ggauaucaucauauacugua.....	3	1	GDM

Mature

Star

ccccaguggggcccgugggggaauucaucauauacuguaaguuuugcgagagacacucacagauuagaugaucuaagucogggcacccccagcucuggagccugacaagga

.....ggauucaucauauacugGa.....	2	1	GDM
.....ggauuAcaucauauacugua.....	4	1	GDM
.....gCauucaucauauacugua.....	2	1	GDM
.....ggauuCcacaucauauacugua.....	21	1	GDM
.....ggaAauucaucauauacugua.....	2	1	GDM
.....ggauuaucauUauauacugua.....	5	1	GDM
.....Ugauucaucauauacugua.....	4	1	GDM
.....ggauucaucauaAacugua.....	5	1	GDM
.....ggauuCcacaucauauacugua.....	21	1	GDM
.....ggauGucaucauauacugua.....	10	1	GDM
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.....ggauuAcaucauauacugua.....	4	1	GDM
.....ggauucaucauauacugU.....	12	1	GDM
.....ggauucaucauauacugCa.....	16	1	GDM
.....ggauucaucauauGcugua.....	6	1	GDM
.....Agauucaucauauacugua.....	12	1	GDM
.....ggauuCcacaucauauacugua.....	21	1	GDM
.....ggauuCaCcauauacugua.....	20	1	GDM
.....ggauUucaucauauacugua.....	3	1	GDM
.....ggauucaucauauacugAa.....	4	1	GDM
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.....ggauUucaucauauacugua.....	3	1	GDM
.....ggauucaucauaCacugua.....	3	1	GDM
.....ggauucaucauauaGugua.....	1	1	GDM
.....ggauucaucauGuacugua.....	3	1	GDM
.....ggauucaucauauGcugua.....	6	1	GDM
.....ggauuCaCcauauacugua.....	20	1	GDM
.....gNauucaucauauacugua.....	2	1	GDM
.....ggauucaucauauaAugua.....	2	1	GDM
.....ggauucaucauauacugUG.....	24	1	GDM
.....ggauucaucauauacUua.....	8	1	GDM
.....gNauucaucauauacugua.....	2	1	GDM
.....ggauucaucauauacCgua.....	14	1	GDM
.....ggauaucGucauauacugua.....	23	1	GDM
.....ggauucaucauauacCgua.....	14	1	GDM
.....ggauucaucGuauacugua.....	15	1	GDM
.....ggauucaucauUuacugua.....	2	1	GDM
.....ggauucaucauauacugCa.....	16	1	GDM
.....ggauucaucauGuacugua.....	3	1	GDM
.....gUauucaucauauacugua.....	1	1	GDM
.....ggauaucGucauauacugua.....	23	1	GDM
.....ggauucaucauauacugua.....	3266	0	GDM
.....ggauucaucaCaucacugua.....	18	1	GDM
.....gCauucaucauauacugua.....	2	1	GDM
.....ggauucaucauauGcugua.....	6	1	GDM
.....ggauucaucauauacugua.....	3266	0	GDM
.....ggaCauucaucauauacugua.....	10	1	GDM
.....ggGuucaucauauacugua.....	11	1	GDM
.....ggUuauucaucauauacugua.....	2	1	GDM
.....ggauucauUauauacugua.....	5	1	GDM
.....ggauucaucauauacuLua.....	8	1	GDM
.....ggauucaAcauauacugua.....	3	1	GDM
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.....ggauucaucauauacugUG.....	24	1	GDM
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.....ggauucaucaCaucacugua.....	18	1	GDM
.....Agauucaucauauacugua.....	12	1	GDM
.....ggauucaucauauacugGa.....	2	1	GDM
.....ggauucaucauauacugU.....	12	1	GDM
.....ggauucaucauaAacugua.....	5	1	GDM
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.....ggauucaucUuauacugua.....	5	1	GDM
.....ggauucaucauauacCgua.....	14	1	GDM
.....ggauucaucauauacugua.....	3266	0	GDM
.....ggUuauucaucauauacugua.....	2	1	GDM
.....Cgauucaucauauacugua.....	1	1	GDM
.....ggauuAcaucauauacugua.....	4	1	GDM
.....ggauucaucauauacugAa.....	4	1	GDM

Mature

Star

ccccaguggggcccgugcggaauucaucauauucuguaaguuuugcgagagacacucagauuagaugaugacuagucogggcacccccagcucuggagccugacaagga

.....gggCaucaucauauucugua.....	10	1	GDM
.....ggauucaucauauuAugua.....	2	1	GDM
.....Agauucaucauauucugua.....	12	1	GDM
.....ggauucaucauAacugua.....	5	1	GDM
.....ggauucaAcauauucugua.....	3	1	GDM
.....ggauucaucauauucuguaG.....	24	1	GDM
.....ggauGucaucauauucugua.....	10	1	GDM
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.....ggauUucaucauauucugua.....	3	1	GDM
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.....ggauucaucUuauucugua.....	5	1	GDM
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.....ggauucaucauauucuguaa.....	27	0	GDM
.....ggauucaucUuauucuguaag.....	8	1	GDM
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.....ggauucaucauauGcuguaag.....	15	1	GDM
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.....ggauaucGucauauucuguaag.....	4	1	GDM
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.....ggauucaucauGuacuguaag.....	3	1	GDM
.....ggauucaucGuauucuguaag.....	6	1	GDM
.....ggauaCcaucauauucuguaag.....	6	1	GDM
.....ggUuauucaucauauucuguaag.....	3	1	GDM
.....ggaCaucaucauauucuguaag.....	7	1	GDM
.....ggauucaucauauucugCaag.....	2	1	GDM
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.....ggauucaucauauucuguaUag.....	4	1	GDM
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.....ggauucaucauauucuguaGag.....	9	1	GDM
.....ggauucaCcauauucuguaag.....	5	1	GDM
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.....ggauaucCucauauucuguaag.....	2	1	GDM
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.....gAauucaucauauucuguaag.....	4	1	GDM
.....ggaCaucaucauauucuguaag.....	7	1	GDM
.....ggauucaucauauucCguaag.....	9	1	GDM

Mature

Star

ccccaguggggcccgugcggggaaucaucauauacuguaaguuuugcgagagacacucacagauagaugaugacuagucocgggcacccccagcucuggagccugacaagga

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.....ggauaucaucauauacuguaaA.....	57	1	GDM
.....ggauaucaucauauacuguaaC.....	1	1	GDM
.....ggauaucaucauauacuguaGg.....	2	1	GDM
.....ggauaucaucauauacuguaaU.....	1	1	GDM
.....ggauaucaucauauacuguaaAuaag.....	1	1	GDM
.....ggauaucaucauauacuguaaGuguaag.....	1	1	GDM
.....ggauaucUucauauacuguaag.....	2	1	GDM
.....ggauaucaucUuuacuguaag.....	8	1	GDM
.....ggauaucaucauauGcuguaag.....	15	1	GDM
.....Agauaucaucauauacuguaag.....	3	1	GDM
.....ggauaucaucauauacuguaaA.....	57	1	GDM
.....gAauaucaucauauacuguaag.....	4	1	GDM
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.....ggauaucGucauauacuguaag.....	4	1	GDM
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.....ggauaucaucauauacugucag.....	2	1	GDM
.....Agauaucaucauauacuguaagu.....	9	1	GDM
.....ggauaucaucauauacCguaagu.....	11	1	GDM
.....ggauaucaucaAauacuguaagu.....	3	1	GDM
.....ggauaucaucauauacuguaagC.....	215	1	GDM
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.....ggauGucaucauauacuguaagu.....	13	1	GDM
.....ggauaucUucauauacuguaagu.....	8	1	GDM
.....ggauaucaucauauacUuaagu.....	2	1	GDM
.....ggauaucaucauauacuguiUagu.....	1	1	GDM
.....ggauaCcaucauauacuguaagu.....	19	1	GDM
.....ggauaucaucauauacuguaaAu.....	1	1	GDM
.....ggauaucUucauauacuguaagu.....	8	1	GDM
.....ggauaucaucauauacuguaagu.....	3389	0	GDM
.....ggauaucaucauauUuguaagu.....	5	1	GDM
.....ggauaucaucauauGcuguaagu.....	6	1	GDM
.....ggCuaucaucauauacuguaagu.....	1	1	GDM
.....gAauaucaucauauacuguaagu.....	3	1	GDM
.....ggGuaucaucauauacuguaagu.....	15	1	GDM
.....ggauaucaucauauacuUuaagu.....	2	1	GDM
.....ggauaucaucaCauacuguaagu.....	17	1	GDM
.....ggauaucaucaAauacuguaagu.....	3	1	GDM
.....ggGuaucaucauauacuguaagu.....	15	1	GDM
.....ggauGucaucauauacuguaagu.....	13	1	GDM
.....ggauaucaucauauacuAuaagu.....	5	1	GDM
.....ggaGaucaucauauacuguaagu.....	3	1	GDM
.....ggauaucaucauauacuguaagC.....	215	1	GDM
.....Agauaucaucauauacuguaagu.....	9	1	GDM
.....ggauaucaucauauacuguaagG.....	21	1	GDM
.....ggGuaucaucauauacuguaagu.....	15	1	GDM
.....ggauaucaucUuuacuguaagu.....	32	1	GDM
.....ggauaucaucauGuacuguaagu.....	10	1	GDM
.....ggauaucaucauauacuguaagG.....	21	1	GDM
.....ggauaucaucauauacugucagu.....	1	1	GDM
.....ggauaucaucauauacuguiGagu.....	10	1	GDM
.....ggauaucaucauauGcuguaagu.....	6	1	GDM
.....ggauaCcaucauauacuguaagu.....	19	1	GDM
.....ggauaucaucUuuacuguaagu.....	32	1	GDM
.....ggaCaucaucauauacuguaagu.....	8	1	GDM
.....ggauaucaucauauacugCaagu.....	10	1	GDM
.....ggauaucaucCuauacuguaagu.....	1	1	GDM
.....ggauaucauUauauacuguaagu.....	6	1	GDM
.....ggauaucaCcauauacuguaagu.....	18	1	GDM

Mature

Star

ccccaguggggcccgugggggaauucaucauauucuguaaguuuugcgagagacacucacagauuagaugaugacuagucoggggacccccagcucuggagccugacaagga

.....Ugauucaucauauucuguaagu.....	2	1	GDM
.....ggauucaucauGuacuguaagu.....	10	1	GDM
.....ggauucaucauauucuguaagG.....	21	1	GDM
.....ggauucaucauauuUguaagu.....	5	1	GDM
.....ggauuCcaucauauucuguaagu.....	19	1	GDM
.....gNauucaucauauucuguaagu.....	3	1	GDM
.....ggauucaucGuauucuguaagu.....	18	1	GDM
.....ggauucaucauaCacuguaagu.....	16	1	GDM
.....ggauucaucauauUcuguaagu.....	1	1	GDM
.....ggauucaucauGuacuguaagu.....	10	1	GDM
.....ggauGucaucauauucuguaagu.....	13	1	GDM
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.....ggauucaucaCauucuguaagu.....	17	1	GDM
.....ggauucaucauaAacuguaagu.....	2	1	GDM
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.....ggauucaucauauucCguagu.....	11	1	GDM
.....ggauucaucauauucuguaagA.....	157	1	GDM
.....ggauucaucauauucuguaGgu.....	12	1	GDM
.....ggauucauUauauucuguaagu.....	6	1	GDM
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.....ggauucaCcauauucuguaagu.....	18	1	GDM
.....Agauucaucauauucuguaagu.....	9	1	GDM
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.....ggauucaucauauuUguaagu.....	5	1	GDM
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.....ggauaucGucauauucuguaagu.....	20	1	GDM
.....ggauUucaucauauucuguaagu.....	1	1	GDM
.....ggauucaCcauauucuguaagu.....	18	1	GDM
.....ggauucaucauauucuguaagu.....	3389	0	GDM
.....ggauucaucauauucugCaagu.....	10	1	GDM
.....gAauucaucauauucuguaagu.....	3	1	GDM
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.....ggauaGcaucauauucuguaagu.....	2	1	GDM
.....ggauucaucauauucugugagu.....	10	1	GDM
.....ggauaucGucauauucuguaagu.....	20	1	GDM
.....ggauaucUucauauucuguaagu.....	8	1	GDM
.....ggauucaucauauucuguaagu.....	3389	0	GDM
.....gUauucaucauauucuguaagu.....	3	1	GDM
.....ggauucaucGuauucuguaagu.....	18	1	GDM
.....ggauucaucauauucLuagu.....	5	1	GDM
.....ggauucaucaCauucuguaagu.....	17	1	GDM
.....ggaAauucaucauauucuguaagu.....	3	1	GDM
.....ggaCauucaucauauucuguaagu.....	8	1	GDM
.....ggauucaucauauucCguagu.....	11	1	GDM
.....ggauucaucauaCacuguaagu.....	16	1	GDM
.....ggauucaucauauucuguaagA.....	157	1	GDM
.....ggauucaucUuauucuguaagu.....	32	1	GDM
.....ggauGucaucauauucuguaaguu.....	3	1	GDM
.....ggauucaAcauauucuguaaguu.....	4	1	GDM
.....ggauucaucauauucugCaaguu.....	2	1	GDM
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.....ggauucaucauaCacuguaaguu.....	1	1	GDM
.....ggauaCcaucauauucuguaaguu.....	3	1	GDM
.....ggauucaucauauucuguaagG.....	68	1	GDM
.....ggauucaucUuauucuguaaguu.....	4	1	GDM
.....ggauucaucauauucuguaaguC.....	34	1	GDM

Mature

Star

ccccaguggggcccgugcggaaucaucauauacuguaaguuuugcgagagacaCuacagauaagaugauguaCuagucogggcacccccagcucuggagcccgacaagga

.ggauucaucauauacuguaagu.	262	0	GDM
.ggauCcaucauauacuguaagu.	3	1	GDM
.ggauGucaucauauacuguaagu.	3	1	GDM
.ggauCaucaucauauacuguaagu.	1	1	GDM
.ggauucaucauauacuguaaguG.	68	1	GDM
.ggauucaucauauacCguaagu.	3	1	GDM
.ggauucaucauauacuguaCguu.	1	1	GDM
.ggauucaucUuauacuguaagu.	4	1	GDM
.ggauucaucauauacuguaagu.	262	0	GDM
.ggGuaucaucauauacuguaagu.	2	1	GDM
.ggauucaucauauacuguaaguA.	63	1	GDM
.ggauucaucGuauacuguaagu.	3	1	GDM
.ggauucaucauGuacuguaagu.	3	1	GDM
.ggauucaucauauacuguaaguG.	68	1	GDM
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.ggauucaucauauacuguaaguA.	63	1	GDM
.ggauucaucauauacuguaCguu.	4	1	GDM
.ggauucaucauauacuguaagu.	262	0	GDM
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.ggauucaucauauuUguagu.	2	1	GDM
.ggauaucGucauauacuguaagu.	1	1	GDM
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.ggauucaucauauGcuguaagu.	3	1	GDM
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.ggauucaucauauacuguaCagu.	1	1	GDM
.ggauucaucauauGcuguaagu.	3	1	GDM
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.gauucaucauauacugu.	41	0	GDM
.gauucaucauauacugG.	1	1	GDM
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.gauucaucauauacugC.	4	1	GDM
.gauucaucauauacugC.	4	1	GDM
.gauucaucauauacugA.	1	1	GDM
.gauucaucauGuacugua.	1	1	GDM
.gUuaucaucauauacugua.	2	1	GDM
.gauucaucUuauacugua.	2	1	GDM
.gauaucGucauauacugua.	2	1	GDM
.gauaCcaucauauacugua.	1	1	GDM
.gGuaucaucauauacugua.	2	1	GDM
.gUuaucaucauauacugua.	2	1	GDM
.gauucaucauauacuguU.	5	1	GDM
.gauucaucauauGcugua.	1	1	GDM
.gauucaucauauacuguU.	5	1	GDM
.gauucaucauauacugua.	580	0	GDM
.gauucaucaCauacugua.	1	1	GDM
.gauucaucGuauacugua.	2	1	GDM
.gauucaucauauacCgua.	3	1	GDM
.gauucaucauauacuAua.	2	1	GDM
.gauucaucCuauacugua.	1	1	GDM
.gauucaCcauauacugua.	4	1	GDM
.gauucaucauauacCgua.	3	1	GDM
.gauucaucauauacugua.	580	0	GDM
.gGuaucaucauauacugua.	2	1	GDM
.gaCaucaucauauacugua.	1	1	GDM
.gauucaucauauacuguG.	2	1	GDM
.gauaucGucauauacugua.	2	1	GDM
.gauucaucauacacugua.	1	1	GDM
.gauucaucauauacugua.	580	0	GDM
.gauucaCcauauacugua.	4	1	GDM
.gauGucaucauauacugua.	1	1	GDM
.gauucaucauauacuguaa.	1	0	GDM
.gauucauUauauacuguaag.	1	1	GDM
.gauaCcaucauauacuguaag.	1	1	GDM
.gauucaucauauacuguaag.	106	0	GDM
.gauucaucauauacuguaaA.	4	1	GDM
.gauucaucauauacuguaag.	106	0	GDM

Mature

Star

ccccaguggggcccgugcggaauucaucauauacuguaaguuuugcgagagacacuacagauaagaugaugacuagucogggccacccccagcucuggagccugacaagga

. . . . .Aauucaucauauacuguaag . . . . .	1	1	GDM
. . . . .gauucaucauauacuguaCg . . . . .	3	1	GDM
. . . . .gauucaucauauacuguaGag . . . . .	2	1	GDM
. . . . .gauucaucauauacuguaaA . . . . .	4	1	GDM
. . . . .gauucaucauauacuguaag . . . . .	106	0	GDM
. . . . .gauucaucauauacCguaag . . . . .	1	1	GDM
. . . . .gauucaCcauauacuguaag . . . . .	1	1	GDM
. . . . .gauucaucUuauacuguaag . . . . .	6	1	GDM
. . . . .gauucaucauauacCguaagu . . . . .	3	1	GDM
. . . . .gauucaucauauacuguaaA . . . . .	12	1	GDM
. . . . .gauucaucauauacuguaagu . . . . .	521	0	GDM
. . . . .gauucaucauaCacuguaagu . . . . .	3	1	GDM
. . . . .gauucaucauaCacuguaagu . . . . .	3	1	GDM
. . . . .gauucaucGuauacuguaagu . . . . .	2	1	GDM
. . . . .gauaucGucauauacuguaagu . . . . .	5	1	GDM
. . . . .gauucaucauauacuguaagC . . . . .	36	1	GDM
. . . . .gauucaucUuauacuguaagu . . . . .	9	1	GDM
. . . . .gauucaucauauacuguaaA . . . . .	12	1	GDM
. . . . .gaCauucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauaCcaucauauacuguaagu . . . . .	6	1	GDM
. . . . .Aauucaucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucauauacuguaagu . . . . .	521	0	GDM
. . . . .Aauucaucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaCcauauacuguaagu . . . . .	1	1	GDM
. . . . .gauucaucauauacuguaaA . . . . .	12	1	GDM
. . . . .gauucaucUuauacuguaagu . . . . .	9	1	GDM
. . . . .gauucaucauauGcuguaagu . . . . .	2	1	GDM
. . . . .gauaucGucauauacuguaagu . . . . .	5	1	GDM
. . . . .gauucaucauauacuguaGag . . . . .	2	1	GDM
. . . . .gauaCcaucauauacuguaagu . . . . .	6	1	GDM
. . . . .gauucaucauauacuguaGgu . . . . .	3	1	GDM
. . . . .gauucaucauauacuguaGgu . . . . .	3	1	GDM
. . . . .Uuauucaucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauaAcaucauauacuguaagu . . . . .	1	1	GDM
. . . . .gauucaucauauacuguaagC . . . . .	36	1	GDM
. . . . .gaCauucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucauauacuguaGag . . . . .	2	1	GDM
. . . . .gGuucaucauauacuguaagu . . . . .	1	1	GDM
. . . . .gauGuucaucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucauauacuUuagu . . . . .	1	1	GDM
. . . . .gauucaucGuauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucaCauacuguaagu . . . . .	2	1	GDM
. . . . .Uuauucaucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauGuucaucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucauauacuguaagC . . . . .	36	1	GDM
. . . . .gauucaucauauacuguaagu . . . . .	521	0	GDM
. . . . .gauucaucauauacuguaGguu . . . . .	2	1	GDM
. . . . .gauucaucauauacuAuaagu . . . . .	2	1	GDM
. . . . .gauucaucGuauacuguaagu . . . . .	1	1	GDM
. . . . .gauucaucauauacuguaaguG . . . . .	2	1	GDM
. . . . .gauucaucauauacuguaagu . . . . .	421	0	GDM
. . . . .gauaAcaucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucUuauacuguaagu . . . . .	13	1	GDM
. . . . .gauucaucauauacuguaaguG . . . . .	2	1	GDM
. . . . .gNuucaucauauacuguaagu . . . . .	1	1	GDM
. . . . .gauGuucaucauauacuguaagu . . . . .	3	1	GDM
. . . . .gGuucaucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucauauacuguaaA . . . . .	7	1	GDM
. . . . .gauucaucaAauacuguaagu . . . . .	1	1	GDM
. . . . .gauucaucUuauacuguaagu . . . . .	13	1	GDM
. . . . .gauucaucauaAacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucauauacugCaagu . . . . .	2	1	GDM
. . . . .gauucaucauuaAguagu . . . . .	2	1	GDM
. . . . .gauucaucauauacuguaGgu . . . . .	3	1	GDM
. . . . .gauucaucauuaAguagu . . . . .	2	1	GDM
. . . . .gauucaucauauGcuguaagu . . . . .	4	1	GDM
. . . . .gauaucGucauauacuguaagu . . . . .	2	1	GDM
. . . . .gauucaucauauacuAuaagu . . . . .	2	1	GDM
. . . . .gauucaucauauacuguaagu . . . . .	421	0	GDM
. . . . .gauucaucauauacuguaagCu . . . . .	4	1	GDM

Mature

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ccccaguggggcccgugggauaucaucauauacuguaaguuuugcgagagacacuacagauagaugaugacuagucogggcacccccagcucuggagccugacaagga			
. . . . . gauaucaucauauacuguaaguC . . . . .	23	1	GDM
. . . . . gauaucaucauauacuguaaguC . . . . .	23	1	GDM
. . . . . gauaucaucaCauacuguaagu . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguC . . . . .	23	1	GDM
. . . . . gauaucaucauGuacuguaagu . . . . .	4	1	GDM
. . . . . gauaucaucauauGcuguaagu . . . . .	4	1	GDM
. . . . . gauaucaucauauacugCaagu . . . . .	2	1	GDM
. . . . . gauaucaCcauauacuguaagu . . . . .	4	1	GDM
. . . . . gauGucaucauauacuguaagu . . . . .	3	1	GDM
. . . . . Uauaucaucauauacuguaagu . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguA . . . . .	7	1	GDM
. . . . . gauaucaucauCaacuguaagu . . . . .	4	1	GDM
. . . . . gauaucaucauauacuguaagu . . . . .	421	0	GDM
. . . . . gauaucaCcauauacuguaagu . . . . .	4	1	GDM
. . . . . gauaucaucUauacuguaagu . . . . .	13	1	GDM
. . . . . gauUucaucauauacuguaagu . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaagCu . . . . .	4	1	GDM
. . . . . gauaucaucauauacuguaaguA . . . . .	7	1	GDM
. . . . . gauaucaucauGuacuguaagu . . . . .	4	1	GDM
. . . . . gauaucaucauauacuguaaguA . . . . .	3	1	GDM
. . . . . gauaucaucauauacuguaaguA . . . . .	3	1	GDM
. . . . . gauaucaucauauacuguaaguG . . . . .	4	1	GDM
. . . . . gauaucaucauauacuguaaguuu . . . . .	26	0	GDM
. . . . . Uauaucaucauauacuguaaguuu . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguG . . . . .	4	1	GDM
. . . . . gauaucaucauauacuguaagCu . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguC . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguuu . . . . .	26	0	GDM
. . . . . gauaucaucauauacuguaaguuu . . . . .	26	0	GDM
. . . . . gauauGcauauacuguaaguuu . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguG . . . . .	4	1	GDM
. . . . . gauaucaucauauacuguaaguug . . . . .	17	0	GDM
. . . . . gauaucaucauauacuguaaguug . . . . .	17	0	GDM
. . . . . gauaCcaucauauacuguaaguug . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguug . . . . .	17	0	GDM
. . . . . gauaucaucauauacuguaaguugc . . . . .	2	0	GDM
. . . . . gauaucaucauauacuguaaguuuAcg . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguugcC . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguugcg . . . . .	22	0	GDM
. . . . . gauaucaucauauacuguaaguugcg . . . . .	22	0	GDM
. . . . . gauaucaucauauacuguaaguugcg . . . . .	22	0	GDM
. . . . . gauaucaucauauacuguaaguugcgau . . . . .	5	0	GDM
. . . . . gauaucaucauauacuguaaguGugcgau . . . . .	1	1	GDM
. . . . . gauaucaucauauacuguaaguugcgau . . . . .	5	0	GDM
. . . . . auaucaucauauacuguaag . . . . .	1	0	GDM
. . . . . auaucaucUauacuguaag . . . . .	5	1	GDM
. . . . . auaucaucUauacuguaag . . . . .	5	1	GDM
. . . . . auaucaucUauacuguaagu . . . . .	5	1	GDM
. . . . . uaucaucauauacuguaagu . . . . .	4	0	GDM
. . . . . uaucaucauauacuguaagu . . . . .	4	0	GDM
. . . . . Caucaucauauacuguaagu . . . . .	1	1	GDM
. . . . . uaucaucauauacuguaaguug . . . . .	5	0	GDM
. . . . . Caucaucauauacuguaaguug . . . . .	1	1	GDM
. . . . . uaucaucauauacuguaaguug . . . . .	5	0	GDM
. . . . . uuugcgagagacacuacagua . . . . .	3	0	GDM
. . . . . uuugcgagagacacuacagua . . . . .	4	0	GDM
. . . . . uuugcgagagacacuacagua . . . . .	2	0	GDM
. . . . . uuugcgagagacacuacagua . . . . .	3	0	GDM
. . . . . cuacGguauagaugau . . . . .	9	1	GDM
. . . . . cuacaguaagGugaug . . . . .	2	1	GDM
. . . . . cuacagCauagauga . . . . .	1	1	GDM
. . . . . cuacaguaagaugaCgu . . . . .	1	1	GDM
. . . . . cuacaguaagaugaug . . . . .	395	0	GDM
. . . . . cuacaguaagaugaugC . . . . .	44	1	GDM
. . . . . cuacaguaagaugaugA . . . . .	12	1	GDM
. . . . . cuacaguaagaugaugGu . . . . .	3	1	GDM
. . . . . cuacGguauagaugaug . . . . .	9	1	GDM
. . . . . cuacaguaagaugaug . . . . .	395	0	GDM
. . . . . cuacaguaagaugaugU . . . . .	1	1	GDM
. . . . . cuacaAuagaugaug . . . . .	1	1	GDM



Mature

Star

ccccaguggggccucgggugggauaucaucauauacuguaaguuuugcgagagaca cuacaguuagaugauguacuaguccgggacccccagcucuggagccugacaagga

.....cuacaguuagaugaugu.....	2	1	GDM
.....cuacaguuagaugaugu.....	395	0	GDM
.....cuacaguuagaugaugu.....	3	1	GDM
.....cuacaguuagaugaugA.....	12	1	GDM
.....cuacaguuagaugaugC.....	44	1	GDM
.....cuacaguuagaugaugu.....	3	1	GDM
.....cuacaguuagaugaugC.....	44	1	GDM
.....cuacaguuagaUaugu.....	1	1	GDM
.....cuacaguuagaugaugG.....	1	1	GDM
.....cuacaguuagaugauAu.....	1	1	GDM
.....cuacaguuagaugaugA.....	12	1	GDM
.....cuUcaguuagaugaugu.....	2	1	GDM
.....cuacaguuagaugaugCa.....	1	1	GDM
.....Uuacaguuagaugaugua.....	1	1	GDM
.....cuacaguuagaugaugua.....	6	0	GDM
.....cuacaguuagaugaugua.....	6	0	GDM
.....cuacaguuagaugauguac.....	38	0	GDM
.....cuacaguuagaugauguaU.....	5	1	GDM
.....cCacaguuagaugauguac.....	3	1	GDM
.....cuacaguuagaugauguac.....	38	0	GDM
.....cuacaguuagaugauguac.....	38	0	GDM
.....cuacaguuagaugauguaU.....	5	1	GDM
.....cuacGguuagaugauguac.....	1	1	GDM
.....cuacaguuagaugUuguaCu.....	1	1	GDM
.....cuacaguuagaugauguacu.....	2	1	GDM
.....cuacaguuagaugauguacA.....	23	1	GDM
.....Uuacaguuagaugauguacu.....	3	1	GDM
.....cuacaguuagaugauguacu.....	587	0	GDM
.....cuacaguuagaugauguacu.....	587	0	GDM
.....cuacaguuagaugauUuacu.....	1	1	GDM
.....cuacaguuagaugauguaUu.....	20	1	GDM
.....cuaAaguuagaugauguacu.....	1	1	GDM
.....Uuacaguuagaugauguacu.....	3	1	GDM
.....cuacaguuagaugaugCacu.....	3	1	GDM
.....cuacUguuagaugauguacu.....	1	1	GDM
.....cuacaguaCagauauguacu.....	1	1	GDM
.....cuacaguuagaugGuguaCu.....	4	1	GDM
.....cNacaguuagaugauguacu.....	1	1	GDM
.....cuacaguuagaugaCguacu.....	3	1	GDM
.....cuacaguuagaugauguGcu.....	2	1	GDM
.....cuacaguuagaugauAuacu.....	2	1	GDM
.....cuacaguuagaugauguGcu.....	2	1	GDM
.....cuacaguuagaugauguacu.....	587	0	GDM
.....cuacaguuagaugauguaUu.....	20	1	GDM
.....cuGcaguuagaugauguacu.....	2	1	GDM
.....cuacaNuauagaugauguacu.....	1	1	GDM
.....cAacaguuagaugauguacu.....	1	1	GDM
.....cuacaguuagaugGuguaCu.....	6	1	GDM
.....cuacaguuagaugauguacu.....	2	1	GDM
.....cuacaguuagaugauAuacu.....	2	1	GDM
.....cuUcaguuagaugauguacu.....	1	1	GDM
.....cuacaguuagaugGuguaCu.....	6	1	GDM
.....cuacaAuauagaugauguacu.....	1	1	GDM
.....Uuacaguuagaugauguacu.....	3	1	GDM
.....cuacagGauagaugauguacu.....	1	1	GDM
.....cuacagUGuagaugauguacu.....	5	1	GDM
.....cuacaguuagaugGuguaCu.....	4	1	GDM
.....cuacaguuagaugaugCacu.....	3	1	GDM
.....cuacaguuagaugauguacA.....	23	1	GDM
.....cuacaguuagaugaAgauguaCu.....	1	1	GDM
.....cuGcaguuagaugauguacu.....	2	1	GDM
.....cuacaguuagaugaCguacu.....	3	1	GDM
.....cuacaguuagaugauguaUu.....	20	1	GDM
.....cuacaguuagaugauguacA.....	23	1	GDM
.....cuacaguuagaugauguacG.....	2	1	GDM
.....cuacaguuagaugaugCacu.....	3	1	GDM
.....cuacagUGuagaugauguacu.....	5	1	GDM
.....cuacaguuagaugauguUcu.....	1	1	GDM
.....cuacaguuagaugaCgauguaCu.....	2	1	GDM
.....cuacaguuagaugauguacuU.....	5	1	GDM

Mature

Star

ccccaguggggcccguggggaauucaucauauacuguaaguuuugcgagagacaucacaguauagaugauguaucuauguccgggacccccagcucuggagccugacaagga

.....cuacaguauagaugauguaucU.....	5	1	GDM
.....cuacaguauagaugauguaucU.....	2	1	GDM
.....uacaguauagaugaugua.....	43	0	GDM
.....uacaguauagaugaugua.....	43	0	GDM
.....uacaguauagaugaugua.....	43	0	GDM
.....uacaguauagaCgaugua.....	1	1	GDM
.....uaUaguauagaugaugua.....	1	1	GDM
.....uacaguGuagaugaugua.....	4	1	GDM
.....uacaguauagaugaugua.....	343	0	GDM
.....Aacaguauagaugaugua.....	1	1	GDM
.....uacaguauagaugauguaU.....	51	1	GDM
.....uacUguauagaugaugua.....	1	1	GDM
.....uacagCauagaugaugua.....	3	1	GDM
.....uacaguGuagaugaugua.....	4	1	GDM
.....uacGguauagaugaugua.....	3	1	GDM
.....uacaguauagaugaugua.....	343	0	GDM
.....uacaguauagaugauguaA.....	6	1	GDM
.....uacaguauagaugaugAac.....	1	1	GDM
.....uacaguauagaugauguaA.....	6	1	GDM
.....uacaguauagaugCugua.....	1	1	GDM
.....uacaguauUgaugaugua.....	4	1	GDM
.....uacaguauagaugGugua.....	2	1	GDM
.....uacaguauagaugUugua.....	5	1	GDM
.....uacaguauagaugauguaA.....	6	1	GDM
.....uacaguauagaugauguaU.....	51	1	GDM
.....uacaguauagaCgaugua.....	2	1	GDM
.....uacaguauagaugauguaG.....	12	1	GDM
.....uacaguauagaCgaugua.....	2	1	GDM
.....uacagCauagaugaugua.....	3	1	GDM
.....uacaguauagaugauguaU.....	51	1	GDM
.....uacaguauCgaugaugua.....	1	1	GDM
.....uacaguauGgaugaugua.....	2	1	GDM
.....uacaguauagaugaugua.....	343	0	GDM
.....uacaguauagaugauguaG.....	12	1	GDM
.....uacaguauUgaugaugua.....	4	1	GDM
.....uacaguauagaugauguaG.....	12	1	GDM
.....uacaguauagaugauguaUu.....	116	1	GDM
.....Cacaguauagaugauguauc.....	13	1	GDM
.....uacaguauagaugaugUcu.....	5	1	GDM
.....uacaguauagaugaGguacu.....	2	1	GDM
.....uacaguauagaugauguaCG.....	21	1	GDM
.....uacaguGuagaugauguauc.....	38	1	GDM
.....uNcaguauagaugauguauc.....	2	1	GDM
.....uCcaguauagaugauguauc.....	1	1	GDM
.....uacaguauagaugAauguauc.....	10	1	GDM
.....uacaguauagaugUuguauc.....	5	1	GDM
.....uacaguauagaugauguauc.....	4125	0	GDM
.....uacaguauAauguauguauc.....	5	1	GDM
.....uacaguauagaugaugUcu.....	5	1	GDM
.....uacUguauagaugauguauc.....	6	1	GDM
.....Aacaguauagaugauguauc.....	5	1	GDM
.....uacGguauagaugauguauc.....	23	1	GDM
.....uacagCauagaugauguauc.....	8	1	GDM
.....uacaguauagaugauguauc.....	4125	0	GDM
.....uacaguauGgaugauguauc.....	17	1	GDM
.....uacaguauagaCgauguauc.....	16	1	GDM
.....uacaguauagaugaugUccu.....	21	1	GDM
.....uacUguauagaugauguauc.....	6	1	GDM
.....uacaguauagaugauAuauc.....	4	1	GDM
.....uacaguGuagaugauguauc.....	38	1	GDM
.....uUcaguauagaugauguauc.....	6	1	GDM
.....uacaguauGgaugauguauc.....	17	1	GDM
.....uacaguauagaugaugCacu.....	8	1	GDM
.....uacaguauagaugauAuauc.....	4	1	GDM
.....uacaguauagUugauguauc.....	1	1	GDM
.....uacaguauagaCgauguauc.....	16	1	GDM
.....uacagCauagaugauguauc.....	8	1	GDM
.....uacagAauagaugauguauc.....	1	1	GDM
.....uacaguauagaugauguaCG.....	21	1	GDM
.....uacaguauagaugauguaCG.....	21	1	GDM

Mature

Star

ccccaguggggccuccggggggaauucaucauauacuguaaguuuugcgagagacaucacaguauagaugauacuaguccggggcacccccagcucuggagccugacaagga

.....uacaguauagaugauGcu.....	21	1	GDM
.....uacaguauagaugauCuacu.....	1	1	GDM
.....uacaguauagaugaugCacu.....	8	1	GDM
.....uacaguauagaugauguacA.....	142	1	GDM
.....uGcaguauagaugauguacu.....	19	1	GDM
.....uUcaguauagaugauguacu.....	6	1	GDM
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.....uacaguauagaugauAuacu.....	4	1	GDM
.....uUcaguauagaugauguacu.....	6	1	GDM
.....uacaguauagaugGugaacu.....	24	1	GDM
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.....uacaguauagaugauguGcu.....	21	1	GDM
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.....uacaguauagGugaugauacu.....	14	1	GDM
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.....uacaguauagaugCugaacu.....	1	1	GDM
.....uacaguauagaugauguaUu.....	116	1	GDM
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.....uacaguauagaugauguacu.....	1	0	GDM

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Sequence	Count	Count	Label
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.ggauaucaucauauacuguaagG	3	1	Z3_
.ggauaucaucauauacugCaagu	5	1	Z3_
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.ggauauucCucauauacuguaagu	1	1	Z3_
.ggauaucaucauauauuuguaagu	2	1	Z3_
.ggauaucaucauauacuguaGgu	1	1	Z3_
.ggauuaucaucauauacuguaaguu	1	1	Z3_
.ggauaucGucauauacuguaaguu	106	0	Z3_
.ggauaucaucauauacuguaaguu	1	1	Z3_
.ggauaucaucauauacuguaagG	16	1	Z3_
.ggauaucaucauauacuguaagA	19	1	Z3_
.ggauaucaucauauacuguaagCu	2	1	Z3_
.ggauaucaucGuauacuguaaguu	1	1	Z3_
.ggauaucaCcauauacuguaaguu	1	1	Z3_
.ggaAucaucauauacuguaaguu	1	1	Z3_
.ggauaucaucauauacuguaagC	3	1	Z3_
.ggauaucaucauauacuguaaguuG	3	1	Z3_
.gauaucaucauauacugu	1	0	Z3_
.gauGucaucauauacugua	1	1	Z3_
.Nauaucaucauauacugua	1	1	Z3_
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.gauaucaucauauacugua	73	0	Z3_
.gauaucaucauauacuguGa	1	1	Z3_
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.gauaucaucauauacuguaGg	1	1	Z3_
.gauaucaucauauacuguaaA	3	1	Z3_
.gauaucaucauauGcuguaag	1	1	Z3_
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.gauaucaucUuuacuguaagu	1	1	Z3_
.gauaucaucauauacuguaagG	1	1	Z3_
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.gauaucaucauauacuguaGgu	3	1	Z3_
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.gauaucaucauauacuguaaguuug	16	0	Z3_
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.uaucaucauauacuguaaguu	1	0	Z3_
.uaucaucauauGcuguaaguu	1	1	Z3_
.uNucaucauauacuguaaguuug	1	1	Z3_
.uaucaucauauacuguaaguuug	7	0	Z3_
.ucauauacuguaaguuugcgagaga	1	0	Z3_
.cuacagauuagaugaugG	1	1	Z3_
.cCacagauuagaugaugu	1	1	Z3_
.cuacagauuagaugaugC	1	1	Z3_
.cuacagauuagaugaugu	33	0	Z3_
.cuacagauuagaugaugCu	1	1	Z3_
.cuacagauuagaugaugua	2	0	Z3_
.cuacaguuagaugauguac	2	1	Z3_

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ccccaguggggcccgugggggaauucaucauauacuguaaguuuugcgagagaca cuacaguuagaugaugua cuaguccgggcacccccagcucuggagccugacaagga

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.....cuacaguuagaugaGugua cu.....	1	1	Z3_
.....cuacaguuagaugauguaU.....	4	1	Z3_
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.....cuacagCauagaugaugua cu.....	1	1	Z3_
.....cuGcaguuagaugaugua cu.....	1	1	Z3_
.....cuacaguuagaugaugua.....	56	0	Z3_
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.....ggauucaucauuacuguaG.....	2	1	Z1_
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.....ggauucaucauuUcugua.....	1	1	Z1_
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.....ggauucaucauGuauacugua.....	3	1	Z1_
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.....ggauucaucauuacuguaG.....	1	1	Z1_
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.....ggauucaCcauuacuguaag.....	1	1	Z1_
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.....gauucaucaAauacuguaaguu.....	1	1	Z1_
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. . . . . gauaucaucauauacuguaaguA . . . . .	1	1	Z1_
. . . . . gauaucaucauauacuguaaguu . . . . .	64	0	Z1_
. . . . . gauaucaucauauacuguaaguuu . . . . .	5	0	Z1_
. . . . . gauaucaucauauacuguaaguUG . . . . .	1	1	Z1_
. . . . . gauaucaucauauacuguaaguUUG . . . . .	8	0	Z1_
. . . . . gauaucaucauauacuguaaguUUGCG . . . . .	1	0	Z1_
. . . . . gauaucaucauauacuguaaguUUGCGAU . . . . .	1	0	Z1_
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. . . . . auaucaucUuauacuguaag . . . . .	2	1	Z1_
. . . . . uaucaucauauacuguaaguUUG . . . . .	4	0	Z1_
. . . . . ucauauacuguaaguUUGCGAUGA . . . . .	1	0	Z1_
. . . . . uugcgagagacacucacagauaaga . . . . .	2	0	Z1_
. . . . . cuaUaguaugaugaugu . . . . .	2	1	Z1_
. . . . . cuacagauagaugaugu . . . . .	49	0	Z1_
. . . . . cuacagauagaugaugC . . . . .	3	1	Z1_
. . . . . cuGcagauagaugaugu . . . . .	1	1	Z1_
. . . . . cuacagauagaugaugua . . . . .	3	0	Z1_
. . . . . cuacagauagaugauguaC . . . . .	6	0	Z1_
. . . . . cuacagauagaugaCguaCu . . . . .	1	1	Z1_
. . . . . cuacagauagaugauguaA . . . . .	1	1	Z1_
. . . . . cuacagauagaugauguaUu . . . . .	10	1	Z1_
. . . . . cuacagauagGugaugaugu . . . . .	1	1	Z1_
. . . . . cuacaguGugaugaugaugu . . . . .	2	1	Z1_
. . . . . cuacagauagaugaugaugu . . . . .	96	0	Z1_
. . . . . uacagauagaugaugua . . . . .	1	0	Z1_
. . . . . uacagauagaugauguaA . . . . .	1	1	Z1_
. . . . . uacagauagaugauguaC . . . . .	42	0	Z1_
. . . . . uCcagauagaugauguaC . . . . .	1	1	Z1_
. . . . . CacagauagaugauguaC . . . . .	1	1	Z1_
. . . . . uacagauagaugauguaU . . . . .	4	1	Z1_
. . . . . uaAaguaugaugauguaC . . . . .	2	1	Z1_
. . . . . uacagauagaugaCguaC . . . . .	1	1	Z1_
. . . . . uacaguaCagaugauguaC . . . . .	1	1	Z1_
. . . . . uacaguaugaCguauguaC . . . . .	1	1	Z1_
. . . . . uacaguaugaAauguaCu . . . . .	1	1	Z1_
. . . . . uacaguaAagaugauguaC . . . . .	1	1	Z1_
. . . . . uacaguaUGaugauguaCu . . . . .	2	1	Z1_
. . . . . uacaguaugaugauguaUu . . . . .	13	1	Z1_
. . . . . uacaguGugaugauguaCu . . . . .	4	1	Z1_
. . . . . uacaguaugaugauguaCG . . . . .	2	1	Z1_
. . . . . uGcagauagaugauguaCu . . . . .	4	1	Z1_
. . . . . uacaguaugaugaugCacu . . . . .	1	1	Z1_
. . . . . uacaguaugaugaAguacu . . . . .	3	1	Z1_
. . . . . uacaguaugaCguauguaCu . . . . .	3	1	Z1_
. . . . . uacaguaugaugUugaugu . . . . .	1	1	Z1_
. . . . . uacaguaugaugauguaA . . . . .	15	1	Z1_
. . . . . uacaguaugaugauguaCu . . . . .	574	0	Z1_
. . . . . uacaguaugaugaCguaCu . . . . .	4	1	Z1_
. . . . . uacGguaugaugauguaCu . . . . .	2	1	Z1_
. . . . . AacaguaugaugauguaCu . . . . .	1	1	Z1_
. . . . . uacaguaCagaugauguaCu . . . . .	4	1	Z1_
. . . . . uacaguaugUugauguaCu . . . . .	2	1	Z1_
. . . . . CacaguaugaugauguaCu . . . . .	2	1	Z1_
. . . . . uacaguaugGugauguaCu . . . . .	3	1	Z1_
. . . . . uaUaguaugaugauguaCu . . . . .	3	1	Z1_
. . . . . auagaugauguaCuaguccgggA . . . . .	2	1	Z1_
. . . . . ugauguaCuaguccgggca . . . . .	2	0	Z1_
. . . . . ggauaucaucauauacugC . . . . .	3	1	Z2_
. . . . . ggauaucaCcauauacugu . . . . .	1	1	Z2_
. . . . . Agauaucaucauauacugu . . . . .	3	1	Z2_
. . . . . ggauaucaucauauacugu . . . . .	75	0	Z2_
. . . . . ggauaucaucauauGcugu . . . . .	1	1	Z2_
. . . . . ggauaucaucGuaucugu . . . . .	2	1	Z2_
. . . . . gAauaucaucauauacugu . . . . .	1	1	Z2_
. . . . . Ugauaucaucauauacugu . . . . .	1	1	Z2_
. . . . . ggauaCcaucauauacugua . . . . .	4	1	Z2_
. . . . . ggauaucaucauauGugua . . . . .	1	1	Z2_



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ccccaguggggcccgugggggaauucaucauauacuguaaguuuugcgauagagacaCuacagauaagaugauguaCuagucogggcacccccagcucuggagccugacaagga

.....ggauucaucauGuacugua.....	3	1	Z2_
.....Ugauucaucauauacugua.....	2	1	Z2_
.....ggauucaucauUuacugua.....	2	1	Z2_
.....ggauucaucauauacuUua.....	1	1	Z2_
.....ggauucaucauauacugui.....	4	1	Z2_
.....ggauGucaucauauacugua.....	4	1	Z2_
.....ggauuAcaucauauacugua.....	2	1	Z2_
.....ggauucaucauGuauacugua.....	5	1	Z2_
.....ggauucaucauAauacugua.....	2	1	Z2_
.....ggUuauucaucauauacugua.....	1	1	Z2_
.....ggGuauucaucauauacugua.....	6	1	Z2_
.....ggauucaucauauacugCa.....	7	1	Z2_
.....ggauucaucauauacugua.....	931	0	Z2_
.....ggauucaucauauacuguiG.....	3	1	Z2_
.....ggauucaucauauuUugua.....	2	1	Z2_
.....ggauaucGucauauacugua.....	1	1	Z2_
.....ggauucaucauCaucugua.....	1	1	Z2_
.....ggauaucUucauauacugua.....	2	1	Z2_
.....ggauucaucauauacugGa.....	1	1	Z2_
.....ggauucauCaauacugua.....	5	1	Z2_
.....ggauucaucauauacCgua.....	4	1	Z2_
.....ggauucaucauauacuAua.....	1	1	Z2_
.....ggauucaucauauacugAa.....	1	1	Z2_
.....ggauucaucauAacugua.....	1	1	Z2_
.....ggauucauUauuacugua.....	4	1	Z2_
.....ggauucaucauauGcugua.....	2	1	Z2_
.....Agauucaucauauacugua.....	3	1	Z2_
.....ggauucaucauGacugua.....	1	1	Z2_
.....ggaCauucaucauauacugua.....	1	1	Z2_
.....ggauuCaucucauauacuguaa.....	1	1	Z2_
.....ggaCauucaucauauacuguaa.....	2	1	Z2_
.....ggauucaucauauacuguaa.....	15	0	Z2_
.....ggGuauucaucauauacuguaag.....	3	1	Z2_
.....ggauucauCaauuacuguaag.....	8	1	Z2_
.....ggaCauucaucauauacuguaag.....	1	1	Z2_
.....ggauucaucauauacCguaag.....	4	1	Z2_
.....Agauucaucauauacuguaag.....	7	1	Z2_
.....ggauucaucauGuauacuguaag.....	3	1	Z2_
.....ggauucaucauauacuguaGg.....	7	1	Z2_
.....ggauucaucauauuUuguaag.....	4	1	Z2_
.....ggauaucGucauauacuguaag.....	2	1	Z2_
.....ggauucaucauauacugGaag.....	1	1	Z2_
.....ggauGucaucauauacuguaag.....	3	1	Z2_
.....ggauucaucauCaucuguaag.....	5	1	Z2_
.....ggauuCaucucauauacuguaag.....	6	1	Z2_
.....ggauucaucauauacuguaag.....	851	0	Z2_
.....ggauucaucauAacuguaag.....	2	1	Z2_
.....ggauucaucauauacGguaag.....	1	1	Z2_
.....ggauucaucauUuauacuguaag.....	1	1	Z2_
.....ggauucaucauauuAuguaag.....	1	1	Z2_
.....ggauucaucauUuacuguaag.....	1	1	Z2_
.....ggauucaucauauacugCaag.....	1	1	Z2_
.....ggUuauucaucauauacuguaag.....	1	1	Z2_
.....ggauucaucauauacuguiGag.....	3	1	Z2_
.....ggauucaucauCaucuguaag.....	3	1	Z2_
.....ggaNauucaucauauacuguaag.....	1	1	Z2_
.....ggauucaucauauacuguaaA.....	38	1	Z2_
.....ggauucaucauauacuguaaC.....	1	1	Z2_
.....ggauucaucauCuauacuguaag.....	1	1	Z2_
.....Ugauucaucauauacuguaag.....	1	1	Z2_
.....ggauucaucauGuacuguaag.....	2	1	Z2_
.....ggauucaucauauGcuguaag.....	6	1	Z2_
.....ggauucaucauauacuAuaag.....	4	1	Z2_
.....ggauCucaucauauacuguaag.....	1	1	Z2_
.....ggauucaucauCaucuguaagu.....	3	1	Z2_
.....ggauuAcaucauauacuguaagu.....	3	1	Z2_
.....ggauucaucauauacuguaGgu.....	11	1	Z2_
.....ggauucaucauauacCguaagu.....	10	1	Z2_
.....ggauucaucauGuacuguaagu.....	5	1	Z2_
.....ggauaucUucauauacuguaagu.....	1	1	Z2_

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ccccaguggggcccgugggauuaucaucauauacuguaaguuuugcgauagagacaCuacagauuagaugauguaCuagucogggccacccccagcucuggagccugacaagga

.....ggauuaucaucauUuacuguaagu.....	2	1	Z2_
.....ggauuaucaucauauacuguaagG.....	11	1	Z2_
.....ggauuaucaucauauauUuguaagu.....	1	1	Z2_
.....ggGuaucaucauauacuguaagu.....	6	1	Z2_
.....ggauaucaCcauauacuguaagu.....	12	1	Z2_
.....ggauuaucaucauauacuguaagC.....	133	1	Z2_
.....ggauuaucaucauauacuguaGagu.....	9	1	Z2_
.....ggaGaucaucauauacuguaagu.....	1	1	Z2_
.....ggauuucGucauauacuguaagu.....	14	1	Z2_
.....Agauuaucaucauauacuguaagu.....	3	1	Z2_
.....ggauuGcaucauauacuguaagu.....	1	1	Z2_
.....Ngauuaucaucauauacuguaagu.....	2	1	Z2_
.....ggauuaucaucauauacuguaagu.....	1	1	Z2_
.....ggauuaucaucGuauacuguaagu.....	8	1	Z2_
.....ggaCaucaucauauacuguaagu.....	5	1	Z2_
.....ggauuaucauUauuacuguaagu.....	2	1	Z2_
.....ggauuaucaucauauacuguaagA.....	71	1	Z2_
.....ggauuaucaucauauacuguaagu.....	2523	0	Z2_
.....ggauGcaucauauacuguaagu.....	5	1	Z2_
.....ggauuaucaucUuauacuguaagu.....	6	1	Z2_
.....ggauuaucaucauauacuguaagu.....	1	1	Z2_
.....ggauuaucaucauauacuguaCgu.....	1	1	Z2_
.....ggauuaucaAcauauacuguaagu.....	2	1	Z2_
.....gAauuaucaucauauacuguaagu.....	5	1	Z2_
.....ggaAaucaucauauacuguaagu.....	1	1	Z2_
.....ggauuaucaucauauacGguaagu.....	3	1	Z2_
.....ggauuaucaucauauacuAuaagu.....	7	1	Z2_
.....ggauuaucaucCuaucuguaagu.....	1	1	Z2_
.....ggauuacCcaucauauacuguaagu.....	18	1	Z2_
.....ggauuaucaucaAauacuguaagu.....	3	1	Z2_
.....ggauuaucaucauauacuguaUagu.....	1	1	Z2_
.....ggauuaucaucauauacugCaagu.....	5	1	Z2_
.....ggauUuaucaucauauacuguaagu.....	1	1	Z2_
.....ggauuaucaucaCauacuguaagu.....	15	1	Z2_
.....ggauCucaucauauacuguaagu.....	1	1	Z2_
.....ggauuaucaucauAacuguaagu.....	1	1	Z2_
.....ggauuaucaucauGcuguaagu.....	6	1	Z2_
.....ggauuaucaucauauacuguaaAu.....	3	1	Z2_
.....ggGuaucaucauauacuguaagu.....	1	1	Z2_
.....ggauuAcaucauauacuguaagu.....	1	1	Z2_
.....ggauuaucaucauauacuguaCagu.....	1	1	Z2_
.....ggauuaucaucUuauacuguaagu.....	1	1	Z2_
.....ggauuaucaucauauacuguaagG.....	29	1	Z2_
.....ggauuaucaucauauacuguaagu.....	188	0	Z2_
.....ggauuaucaucauauacCguaagu.....	1	1	Z2_
.....ggauuaucaCcauauacuguaagu.....	3	1	Z2_
.....ggauuaucauUauuacuguaagu.....	1	1	Z2_
.....ggauuaucaucauauacGguaagu.....	1	1	Z2_
.....ggauuaucaucauauacuguaagCu.....	1	1	Z2_
.....ggauuaucaucauauacuguaagC.....	12	1	Z2_
.....ggauuaucaucauauacuguaagA.....	39	1	Z2_
.....ggauuaucaucauauacuguaGagu.....	2	1	Z2_
.....ggauuaucGucauauacuguaagu.....	2	1	Z2_
.....ggauuacCcaucauauacuguaagu.....	1	1	Z2_
.....ggauuaucaucauauacuguaagu.....	3	0	Z2_
.....gauuaucaucauauacugua.....	1	0	Z2_
.....gauuaucaucauauacugua.....	67	0	Z2_
.....gaCaucaucauauacugua.....	4	1	Z2_
.....gauuaucaucauAacugua.....	1	1	Z2_
.....gauuaucaucGuauacugua.....	1	1	Z2_
.....gauuaucaucauauacuguaag.....	9	0	Z2_
.....gauuaucaucUuauacuguaag.....	3	1	Z2_
.....gGuaucaucauauacuguaag.....	1	1	Z2_
.....gauuaucGucauauacuguaag.....	1	1	Z2_
.....gauCucaucauauacuguaag.....	1	1	Z2_
.....gaCaucaucauauacuguaag.....	1	1	Z2_
.....gauuaucaucauauacuguaagG.....	1	1	Z2_
.....gauuaucaucauauacuguaagC.....	6	1	Z2_
.....gauuaucaucauauacuguaGgu.....	1	1	Z2_
.....gauuacCcaucauauacuguaag.....	1	1	Z2_

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ccccaguggggccucggcuggg	gauaucaucauauacuguaagu	uugcgagagaca	cuacagauagaugua	cuagucgggacccccagcucuggagccugacaagga			
.....	gauaucaucauGuacuguaagu	.....	.....	.....	1	1	Z2_
.....	gaCaucaucauauacuguaagu	.....	.....	.....	1	1	Z2_
.....	gauaAcaucauauacuguaagu	.....	.....	.....	1	1	Z2_
.....	gauaucaucauauacuguaagA	.....	.....	.....	4	1	Z2_
.....	gauaucaucauacacuguaagu	.....	.....	.....	1	1	Z2_
.....	gauucaucauauacuguaagu	.....	.....	.....	119	0	Z2_
.....	gauGucaucauauacuguaagu	.....	.....	.....	1	1	Z2_
.....	gauaucaucUuauacuguaagu	.....	.....	.....	1	1	Z2_
.....	gauucaucauauacuguaaguG	.....	.....	.....	5	1	Z2_
.....	gauaucGucauauacuguaagu	.....	.....	.....	2	1	Z2_
.....	gauaucaucauauacuguaagu	.....	.....	.....	75	0	Z2_
.....	gauaCcaucauauacuguaagu	.....	.....	.....	1	1	Z2_
.....	gauaucaucauauacuguaaguC	.....	.....	.....	6	1	Z2_
.....	gauaucaucauauacuguaaguuu	.....	.....	.....	5	0	Z2_
.....	gauucaucauauacuguaaguug	.....	.....	.....	5	0	Z2_
.....	uaucaucauauacuguaagu	.....	.....	.....	5	0	Z2_
.....	uaucaucauauacuguaaguuC	.....	.....	.....	1	1	Z2_
.....	auuacuguaaguugcgagaga	.....	.....	.....	2	0	Z2_
.....	uuugcgagagacaGuacagauaga	.....	.....	.....	1	1	Z2_
.....	cuacagauagaugua	.....	.....	.....	54	0	Z2_
.....	cuacagauagauguaC	.....	.....	.....	9	1	Z2_
.....	cuacagauGgaugua	.....	.....	.....	2	1	Z2_
.....	cuacagauagaugua	.....	.....	.....	4	0	Z2_
.....	cuacagauagauguaC	.....	.....	.....	14	0	Z2_
.....	cuacagauagauguaU	.....	.....	.....	1	1	Z2_
.....	cuacagauagauguaUcu	.....	.....	.....	1	1	Z2_
.....	cuacagauagaugUguacu	.....	.....	.....	2	1	Z2_
.....	cuacagauagaugCuguaCu	.....	.....	.....	1	1	Z2_
.....	cuacagCauagauguaCu	.....	.....	.....	2	1	Z2_
.....	cuacagauagauguaCu	.....	.....	.....	180	0	Z2_
.....	cuacagauagaAgauguaCu	.....	.....	.....	2	1	Z2_
.....	cuacagGuagauguaCu	.....	.....	.....	6	1	Z2_
.....	cuacagauGgauguaCu	.....	.....	.....	1	1	Z2_
.....	cuacagauagauguaCA	.....	.....	.....	2	1	Z2_
.....	cuacagauagauguaUu	.....	.....	.....	3	1	Z2_
.....	uacagauagaugua	.....	.....	.....	4	0	Z2_
.....	uacagauagauguaU	.....	.....	.....	10	1	Z2_
.....	uUcagauagauguaC	.....	.....	.....	2	1	Z2_
.....	uacagGuagauguaC	.....	.....	.....	1	1	Z2_
.....	uacagauagauguaG	.....	.....	.....	3	1	Z2_
.....	uacaguaCagauguaC	.....	.....	.....	1	1	Z2_
.....	uGcagauagauguaC	.....	.....	.....	2	1	Z2_
.....	uacaguaagauguaA	.....	.....	.....	2	1	Z2_
.....	uacaguaUGgauguaC	.....	.....	.....	1	1	Z2_
.....	CacaguaagauguaC	.....	.....	.....	1	1	Z2_
.....	uacaguaagauguaC	.....	.....	.....	105	0	Z2_
.....	uacGguaagauguaCu	.....	.....	.....	7	1	Z2_
.....	uacaguaagauguaCG	.....	.....	.....	3	1	Z2_
.....	uacaguaagauguaAuacu	.....	.....	.....	4	1	Z2_
.....	uacaguaagaugaCguacu	.....	.....	.....	4	1	Z2_
.....	uGcaguaagauguaCu	.....	.....	.....	1	1	Z2_
.....	uacaguaagauguaCu	.....	.....	.....	1179	0	Z2_
.....	uacaguaagaugauUuacu	.....	.....	.....	2	1	Z2_
.....	uaUaguaagauguaCu	.....	.....	.....	1	1	Z2_
.....	uacaguaaAaagauguaCu	.....	.....	.....	1	1	Z2_
.....	uacaguaCagauguaCu	.....	.....	.....	1	1	Z2_
.....	uacaguaagGugauguaCu	.....	.....	.....	4	1	Z2_
.....	uacaguaagauguaGcu	.....	.....	.....	4	1	Z2_
.....	uacaguauaCaugauguaCu	.....	.....	.....	1	1	Z2_
.....	uacaguaagauguaCuacu	.....	.....	.....	1	1	Z2_
.....	uacaguaagaugGugaCu	.....	.....	.....	6	1	Z2_
.....	uacagCauagauguaCu	.....	.....	.....	2	1	Z2_
.....	uUcaguaagauguaCu	.....	.....	.....	1	1	Z2_
.....	uacaguaagauguaUu	.....	.....	.....	25	1	Z2_
.....	CacaguaagauguaCu	.....	.....	.....	5	1	Z2_
.....	uacaguaagauguaCA	.....	.....	.....	25	1	Z2_
.....	uacaguaagaUaagaCu	.....	.....	.....	2	1	Z2_
.....	AacaguaagauguaCu	.....	.....	.....	2	1	Z2_
.....	uacaguaGgauguaCu	.....	.....	.....	4	1	Z2_
.....	uacagGuagauguaCu	.....	.....	.....	14	1	Z2_

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cccaguggggcccguggggga <u>uaucaucauauacuguaagu</u> uugcgagagaca <u>cuacag</u> uauag <u>augua</u> cuaguccgggacccccagcucuggagccugacaagga			
.....uacag <u>u</u> agaCga <u>u</u> acu.....	4	1	Z2_
.....uacN <u>g</u> ua <u>u</u> aga <u>u</u> ga <u>u</u> ga <u>u</u> acu.....	1	1	Z2_
.....uacag <u>u</u> aga <u>u</u> ga <u>u</u> ga <u>u</u> gCa <u>c</u> u.....	3	1	Z2_
.....uacag <u>u</u> aga <u>u</u> ga <u>u</u> ga <u>u</u> g <u>u</u> a <u>G</u> u.....	1	1	Z2_
.....acag <u>u</u> aga <u>u</u> ga <u>u</u> ga <u>u</u> acu.....	1	0	Z2_