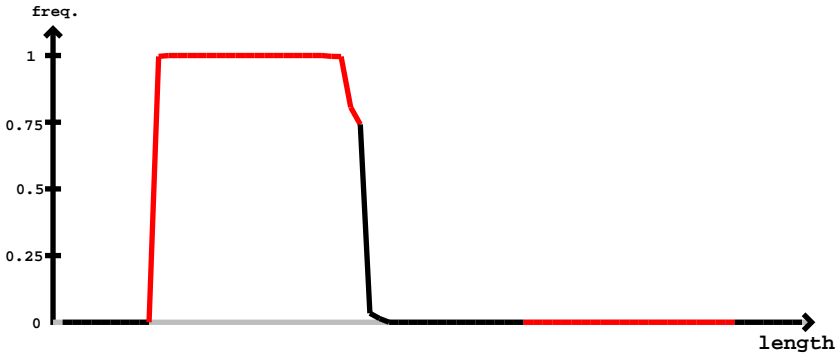
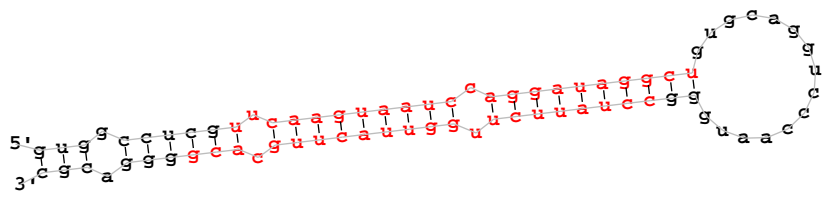


miRBase precursor : hsa-mir-26a-1
 Total read count : 265928
 hsa-miR-26a-5p read count : 265921
 hsa-miR-26a-1-3p read count3
 remaining reads : 4



hsa-miR-26a-5p

hsa-miR-26a-1-3p

5'-	guggccucg <u>u</u> caag <u>a</u> ua <u>u</u> ccaggauag <u>g</u> cu <u>g</u> u <u>g</u> cagguccca <u>a</u> u <u>g</u> g <u>g</u> <u>g</u> ccua <u>u</u> uc <u>u</u> ggu <u>u</u> acu <u>g</u> ca <u>g</u> gggac <u>g</u> c	-3'	exp	reads	mm	sample
(((((((((((((((((((((((((((((((.....))))))))))))))))))))))						
.....Cucaagua <u>a</u> uccaggauag <u>g</u> cu.....			3	1	Z1_	
.....uucaagua <u>a</u> uccaggau <u>g</u>			1	1	Z1_	
.....uCaagua <u>a</u> uccaggua.....			3	1	Z1_	
.....uucaagua <u>a</u> uccagg <u>G</u> ua.....			1	1	Z1_	
.....uucaagua <u>a</u> uccUggua.....			1	1	Z1_	
.....uucaagua <u>a</u> Cccaggua.....			1	1	Z1_	
.....uucaagua <u>a</u> uccaggua.....			134	0	Z1_	
.....Cucaagua <u>a</u> uccaggua.....			1	1	Z1_	
.....Cucaagua <u>a</u> uccaggauag.....			1	1	Z1_	
.....uucaagua <u>a</u> uccagg <u>G</u> uag.....			1	1	Z1_	
.....uucaagua <u>a</u> uccaggauag.....			17	0	Z1_	
.....uucaagua <u>a</u> uccagg <u>G</u> uagg.....			17	1	Z1_	
.....Cucaagua <u>a</u> uccaggauag.....			30	1	Z1_	
.....uAcaagua <u>a</u> uccaggauag.....			9	1	Z1_	
.....uucaagua <u>a</u> uccaggauGgg.....			26	1	Z1_	
.....uucUagua <u>a</u> uccaggauag.....			6	1	Z1_	
.....uucaagCaa <u>a</u> uccaggauag.....			12	1	Z1_	
.....uuUaagua <u>a</u> uccaggauag.....			7	1	Z1_	
.....uucaagua <u>a</u> uccagguaCg.....			1	1	Z1_	
.....uucaagua <u>a</u> uGcaggauag.....			1	1	Z1_	
.....uucaa <u>A</u> ua <u>a</u> uccaggauag.....			4	1	Z1_	
.....uucaagua <u>a</u> uAaggauag.....			1	1	Z1_	
.....uucaa <u>U</u> ua <u>a</u> uccaggauag.....			1	1	Z1_	
.....Gucaagua <u>a</u> uccaggauag.....			1	1	Z1_	
.....uucaagua <u>a</u> Cccaggauag.....			12	1	Z1_	
.....uucaagua <u>a</u> uccCggauag.....			1	1	Z1_	
.....uucaagua <u>a</u> uccaUgauag.....			2	1	Z1_	
.....uucaaguG <u>a</u> uccaggauag.....			8	1	Z1_	
.....uucaaC <u>a</u> a <u>a</u> uccaggauag.....			1	1	Z1_	
.....uucaagua <u>a</u> uccaggauagC.....			10	1	Z1_	
.....uucaagua <u>a</u> uccagU <u>a</u> uag.....			1	1	Z1_	
.....uucaagua <u>a</u> uccaggauagU.....			19	1	Z1_	
.....uucaagua <u>a</u> uccagguaA <u>g</u>			4	1	Z1_	
.....uucaagua <u>a</u> uccaggU <u>a</u> g.....			1	1	Z1_	

guggccucguuucaaguaauccaggauagggcuguccagguccaaugggccuauucugguacuugcacggggagcg

..... uucaGgua <u>au</u> ccaggauagg.....	22	1	Z1_
..... uucaagua <u>au</u> ccaggauagg.....	2	1	Z1_
..... uucaagua <u>au</u> ccaggauagg.....	8	1	Z1_
..... uucaUgua <u>au</u> ccaggauagg.....	3	1	Z1_
..... Aucaagua <u>au</u> ccaggauagg.....	2	1	Z1_
..... uuAaagua <u>au</u> ccaggauagg.....	2	1	Z1_
..... uucaagua <u>au</u> ccGggauagg.....	14	1	Z1_
..... uucaaguaG <u>u</u> ccaggauagg.....	22	1	Z1_
..... uCcaagua <u>au</u> ccaggauagg.....	33	1	Z1_
..... uucaagua <u>au</u> ccUaggauagg.....	11	1	Z1_
..... uucaagua <u>au</u> ccaggauagg.....	4362	0	Z1_
..... uucaagua <u>au</u> ccaggauUgg.....	1	1	Z1_
..... uucaagua <u>au</u> ccUggauagg.....	1	1	Z1_
..... uucCagua <u>au</u> ccaggauagg.....	3	1	Z1_
..... uucaagua <u>au</u> ccaggauUg.....	3	1	Z1_
..... uucaagua <u>au</u> ccaggauCgg.....	1	1	Z1_
..... uucaagua <u>au</u> ccaggA <u>u</u> agg.....	4	1	Z1_
..... uucaagua <u>au</u> ccaggauagA.....	212	1	Z1_
..... uucaagua <u>au</u> ccaggCuagg.....	2	1	Z1_
..... uucaaguC <u>au</u> ccaggauagg.....	1	1	Z1_
..... uucaaguaA <u>u</u> ccaggauagg.....	2	1	Z1_
..... uucaagua <u>au</u> ccaggauagg.....	1	1	Z1_
..... uucaagua <u>au</u> ccaggauagg.....	4	1	Z1_
..... uucGagua <u>au</u> ccaggauagg.....	19	1	Z1_
..... uucaaguaA <u>u</u> ccaggauaggc.....	3	1	Z1_
..... uucaagua <u>au</u> ccGggauaggc.....	10	1	Z1_
..... uucaaguaU <u>u</u> ccaggauaggc.....	1	1	Z1_
..... uucaaguaC <u>u</u> ccaggauaggc.....	1	1	Z1_
..... uCcaagua <u>au</u> ccaggauaggc.....	17	1	Z1_
..... uucaGgua <u>au</u> ccaggauaggc.....	15	1	Z1_
..... uucaaguaA <u>u</u> ccaggauaggc.....	8	1	Z1_
..... uucGagua <u>au</u> ccaggauaggc.....	4	1	Z1_
..... uucaagua <u>au</u> ccaggauaggc.....	362	1	Z1_
..... uucaagua <u>au</u> ccaUg <u>u</u> aggc.....	1	1	Z1_
..... uucaagua <u>au</u> ccaggauagCc.....	1	1	Z1_
..... uuUaagua <u>au</u> ccaggauaggc.....	1	1	Z1_
..... uucaagua <u>au</u> ccaggU <u>u</u> aggc.....	1	1	Z1_
..... uAcaagua <u>au</u> ccaggauaggc.....	3	1	Z1_
..... uucUagua <u>au</u> ccaggauaggc.....	1	1	Z1_
..... uucaagua <u>au</u> ccaggauaggc.....	1441	0	Z1_
..... uucaagua <u>au</u> ccaggauaggc.....	9	1	Z1_
..... uucaaguaG <u>u</u> ccaggauaggc.....	3	1	Z1_
..... uucaagua <u>au</u> ccaggauagggG.....	2	1	Z1_
..... uucaagua <u>au</u> ccaggG <u>u</u> aggc.....	11	1	Z1_
..... uucaagua <u>au</u> ccaggA <u>u</u> aggc.....	1	1	Z1_
..... uucaagua <u>au</u> ccaggauagggA.....	48	1	Z1_
..... Aucaagua <u>au</u> ccaggauaggc.....	5	1	Z1_
..... uucaagua <u>au</u> ccaggauaggc.....	1	1	Z1_
..... Cucaagua <u>au</u> ccaggauaggc.....	3	1	Z1_
..... uucaagCa <u>u</u> ccaggauaggc.....	11	1	Z1_
..... uucaagua <u>au</u> ccaggauGggc.....	9	1	Z1_
..... uucaaguG <u>au</u> ccaggauaggc.....	7	1	Z1_
..... uucaagua <u>au</u> ccaggauUggc.....	2	1	Z1_
..... uucaagua <u>au</u> ccaggauCaggc.....	1	1	Z1_
..... uucaagua <u>au</u> ccUggauaggc.....	2	1	Z1_
..... uucaagua <u>au</u> ccaggauagggU.....	267	1	Z1_
..... uucaaguaA <u>u</u> ccaggauaggc.....	6	1	Z1_
..... uucaaU <u>u</u> aa <u>u</u> ccaggauaggc.....	2	1	Z1_
..... Gucaagua <u>au</u> ccaggauagggcu.....	15	1	Z1_
..... uucaaguU <u>au</u> ccaggauagggcu.....	2	1	Z1_
..... uucaaguaA <u>u</u> ccaggauagggcu.....	166	1	Z1_
..... uucaagua <u>au</u> ccaggA <u>u</u> agggcu.....	11	1	Z1_
..... uucaagua <u>au</u> ccaggauagggcu.....	10	1	Z1_
..... uucaagua <u>au</u> ccaggauagggcu.....	7	1	Z1_
..... uucaaguaA <u>u</u> ccaggauagggcu.....	4	1	Z1_
..... uucaagua <u>au</u> ccaggA <u>u</u> agggcu.....	30	1	Z1_
..... uucaagua <u>au</u> ccaggCuagggcu.....	4	1	Z1_
..... uucaUgua <u>au</u> ccaggauagggcu.....	18	1	Z1_
..... uucaagua <u>au</u> ccGggauagggcu.....	153	1	Z1_

guggccucguucaaaguaaaccaggauaggcuugcaggucccaaugggccuaauucugguuacuugcacggggacgc

.....uuAaaguaaaccaggauaggcu.....	4	1	Z1_
.....uucaaguaaaccaggGuaaggcu.....	157	1	Z1_
.....uucaaguaaaccaggauGggcu.....	121	1	Z1_
.....uucaagGaaaccaggauaggcu.....	10	1	Z1_
.....uucAAUuaaaccaggauaggcu.....	11	1	Z1_
.....uucaaguaaaccaggauaggcA.....	1184	1	Z1_
.....uucaaguaauUcaggauaggcu.....	75	1	Z1_
.....uucaaguaaaccaggUuaggcu.....	12	1	Z1_
.....uGcaaguaaaccaggauaggcu.....	2	1	Z1_
.....uucaaguaaaccAgaauaggcu.....	30	1	Z1_
.....uucaaguaaaccaggauaggGu.....	6	1	Z1_
.....uucaaguaaaccaggauaAgcu.....	22	1	Z1_
.....uuUaaguaaaccaggauaggcu.....	30	1	Z1_
.....uucaaguaaaccaggauaggcu.....	2	1	Z1_
.....uAcaaguaaaccaggauaggcu.....	51	1	Z1_
.....uucaaguaaaccaggauUggcu.....	29	1	Z1_
.....uucaaguaGuccaggauaggcu.....	145	1	Z1_
.....uCaaguaaaccaggauaggcu.....	203	1	Z1_
.....uucaaguaUuccaggauaggcu.....	8	1	Z1_
.....uucaaguaaaccaggCauaggcu.....	1	1	Z1_
.....uucaaguCauccaggauaggcu.....	3	1	Z1_
.....uucaaguaaaccCgaauaggcu.....	3	1	Z1_
.....uucaaguaaaccUgaauaggcu.....	4	1	Z1_
.....uucaaguaaaccaggauagCcu.....	2	1	Z1_
.....uucaaguaaaccaggauagUcu.....	2	1	Z1_
.....uucaGguaaaccaggauaggcu.....	134	1	Z1_
.....uuGaaguaaaccaggauaggcu.....	4	1	Z1_
.....uucUaguaaaccaggauaggcu.....	22	1	Z1_
.....uucaaguGauccaggauaggcu.....	101	1	Z1_
.....uucaaguaaaccaggauaggcu.....	33558	0	Z1_
.....uucaaguaaaccaggaCaggcu.....	90	1	Z1_
.....uucaaguaaaccaggauaggcC.....	2965	1	Z1_
.....uucAAuaaaccaggauaggcu.....	35	1	Z1_
.....uucaaguaaaccaggUauaggcu.....	4	1	Z1_
.....uucaaguaaaccaggauaggcu.....	5	1	Z1_
.....Cucaaguaaaccaggauaggcu.....	199	1	Z1_
.....uucaagCaaaccaggauaggcu.....	91	1	Z1_
.....uucaaguaaUcaggauaggcu.....	9	1	Z1_
.....uucCaguaaaccaggauaggcu.....	9	1	Z1_
.....uucaagAaaaccaggauaggcu.....	4	1	Z1_
.....uucaaguaaaccaggauagAcu.....	39	1	Z1_
.....uucaaguaaaccaggauaUgcu.....	8	1	Z1_
.....Aucaaguaaaccaggauaggcu.....	59	1	Z1_
.....uucaaguaCuccaggauaggcu.....	12	1	Z1_
.....uucaCguaaaccaggauaggcu.....	6	1	Z1_
.....uucaaguaaaccUggauaggcu.....	33	1	Z1_
.....uucaaguaaaccaggauaggcG.....	270	1	Z1_
.....uucGaguaaaccaggauaggcu.....	226	1	Z1_
.....uucaaguaaaccAaggauaggcu.....	15	1	Z1_
.....uucaaguaaaccaggauaggAu.....	20	1	Z1_
.....uucaaguaaAccaggauaggcu.....	15	1	Z1_
.....uucaaguaaaccaggauCggcu.....	9	1	Z1_
.....uucaaguaaaccaggauaggUu.....	65	1	Z1_
.....uucaaguaaaccaggauaggcu.....	431	1	Z1_
.....uucaaguaaaccaggaCaggcuG.....	1	1	Z1_
.....uucGaguaaaccaggauaggcug.....	1	1	Z1_
.....uucaaguaaaccaggauaggcug.....	46	0	Z1_
.....uucaaguaaaccaggauaggcuA.....	72	1	Z1_
.....uucaaguaaaccUgaauaggcug.....	2	1	Z1_
.....uucaaguaaaccaggauaggcuC.....	66	1	Z1_
.....CucaaguaaaccaggauaggcuG.....	1	1	Z1_
.....uucaaguaaaccaggauaggcuU.....	925	1	Z1_
.....uucaaguaaaccaggauaggcuAu.....	95	1	Z1_
.....uucaaguaaaccaggauaggcuUu.....	514	1	Z1_
.....uucaaguaaaccaggauUggcugU.....	1	1	Z1_
.....uucaaguaaaccaggauaggcugA.....	109	1	Z1_
.....uucaaguaaaccaggauaggcAgu.....	1	1	Z1_
.....CucaaguaaaccaggauaggcugU.....	1	1	Z1_
.....uucaaguaaaccaggauaggcugU.....	56	0	Z1_

guggccucguuucaaguaauccaggauagggcuguccaggucccaaugggccuaucuugguacuugcacggggacgc

.....u <u>ucaaguaa</u> uccaggauagggcuC.....	2	1	Z1_
.....u <u>ucaaguaa</u> uccaggauagggcuG.....	1	1	Z1_
.....u <u>ucaaguaa</u> uccaggauagggcuCu.....	11	1	Z1_
.....u <u>ucaaguaa</u> uccaggauagggcuA <u>ug</u>	1	1	Z1_
.....u <u>ucaaguaa</u> uccaggauagggcuU <u>ug</u>	2	1	Z1_
.....u <u>ucaaguaa</u> uccaggauagggcu <u>gug</u>	1	0	Z1_
.....C <u>caaguaa</u> uccaggauaggg.....	1	1	Z1_
..... <u>ucaaguaa</u> uccaggauaggg.....	8	0	Z1_
..... <u>ucaaguaa</u> uccaggauagggA.....	1	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggc.....	7	0	Z1_
..... <u>ucaaguaa</u> uccaggauagggU.....	1	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggC <u>A</u>	6	1	Z1_
..... <u>ucaGguaa</u> uccaggauagggcu.....	1	1	Z1_
.....G <u>caaguaa</u> uccaggauagggcu.....	1	1	Z1_
..... <u>ucaaguaa</u> uccaggG <u>uag</u> gcu.....	1	1	Z1_
..... <u>ucaaguaa</u> uccaggauGggcu.....	2	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggcu.....	112	0	Z1_
..... <u>ucaaguaa</u> ucUagga <u>uag</u> gcu.....	2	1	Z1_
..... <u>ucaaguaG</u> uccaggauagggcu.....	2	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggUu.....	1	1	Z1_
.....uUaag <u>uaa</u> uccaggauagggcu.....	1	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggG.....	1	1	Z1_
.....ucG <u>aguaa</u> uccaggauagggcu.....	2	1	Z1_
..... <u>ucaaguaa</u> ucUcaggauagggcu.....	4	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggC.....	6	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggcuU.....	1	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggcu <u>g</u>	11	0	Z1_
..... <u>ucaaguaa</u> uccaggauagggcu <u>g</u>	4	0	Z1_
..... <u>ucaaguaa</u> Cccaggauagggcu <u>g</u>	1	1	Z1_
..... <u>ucaaguaa</u> uccaggauagggcuUu.....	1	1	Z1_
..... <u>caaguaa</u> uccaggauagggcu.....	3	0	Z1_
..... <u>aaguaa</u> uccaggauagggC.....	1	1	Z1_
..... <u>aaguaa</u> uccaggauagggcu.....	1	0	Z1_
.....cuG <u>guu</u> caaguaauccaggauagggcu.....	3	1	GDM
.....C <u>guu</u> caaguaauccaggauagggcu.....	1	1	GDM
.....Cu <u>ucaaguaa</u> uccaggauaggg.....	1	1	GDM
.....Cu <u>ucaaguaa</u> uccaggauagggc.....	1	1	GDM
.....Cu <u>ucaaguaa</u> uccaggauagggcu.....	6	1	GDM
.....Cu <u>ucaaguaa</u> uccaggauagggcu.....	6	1	GDM
.....u <u>ucaaguaa</u> uccaggauU.....	1	1	GDM
.....u <u>ucaaguaa</u> uccaggauG.....	1	1	GDM
.....u <u>ucaaguaa</u> uccaggA <u>ua</u>	1	1	GDM
.....u <u>ucaaguaa</u> uccaggua.....	545	0	GDM
.....u <u>ucaaguaa</u> Cccaggua.....	3	1	GDM
.....u <u>ucaaguaa</u> uccaggua.....	545	0	GDM
.....u <u>ucaaguaa</u> uccaggua.....	545	0	GDM
.....u <u>ucaaguaa</u> uccaggaG <u>a</u>	2	1	GDM
.....u <u>ucaagCaa</u> uccaggua.....	3	1	GDM
.....u <u>ucaaguaC</u> uccaggua.....	1	1	GDM
.....u <u>ucGaguaa</u> uccaggua.....	1	1	GDM
.....u <u>ucaaguaa</u> Cccaggua.....	3	1	GDM
.....u <u>ucaaguGau</u> ccaggua.....	1	1	GDM
.....u <u>ucaagCaa</u> uccaggua.....	3	1	GDM
.....Cu <u>caaguaa</u> uccaggua.....	2	1	GDM
.....u <u>ucaaguaa</u> uccGggua.....	2	1	GDM
.....Cu <u>caaguaa</u> uccaggua.....	2	1	GDM
.....u <u>ucaaguaa</u> uccaggaC <u>a</u>	4	1	GDM
.....u <u>ucaagCaa</u> uccaggua.....	3	1	GDM
.....u <u>ucaaguaa</u> uccaggaC <u>a</u>	4	1	GDM
.....uC <u>caaguaa</u> uccaggua.....	1	1	GDM
.....u <u>ucaaguaa</u> Accaggua.....	2	1	GDM
.....u <u>ucaaguaG</u> uccaggua.....	1	1	GDM
.....u <u>ucaaguUau</u> ccaggua.....	1	1	GDM
.....u <u>ucaGuaa</u> uccaggua.....	1	1	GDM
.....u <u>ucaaguaa</u> uccaggaG <u>a</u>	2	1	GDM
.....u <u>ucaGguaa</u> uccaggauag.....	2	1	GDM
.....u <u>ucaaguaa</u> uccaggG <u>uag</u>	2	1	GDM
.....u <u>ucaaguaa</u> uccaggauC <u>g</u>	3	1	GDM

guggccucguucaaguaauccaggauaggcugugcaggucccaaugggccuauucugguacuugcacg^{ggg}acgc

.....uucaaguaa <u>uccaggaua</u> A.....	6	1	GDM
.....uucaaguaa <u>ucGagg</u> uag.....	1	1	GDM
.....uucaaguaa <u>uccaggau</u> Cg.....	3	1	GDM
.....uucaaguaa <u>Cccagg</u> uag.....	1	1	GDM
.....uucaaguaa <u>uccaggau</u> A.....	6	1	GDM
.....uucaaguaa <u>uccaggau</u> ag.....	100	0	GDM
.....uucaaguaa <u>uccagga</u> Gag.....	1	1	GDM
.....uucaaguaa <u>uccaggua</u> A.....	6	1	GDM
.....uucaaguaa <u>uccaggau</u> ag.....	100	0	GDM
.....uucaaguaa <u>uccaggau</u> ag.....	100	0	GDM
.....uucaagu <u>Uauccagg</u> uagg.....	11	1	GDM
.....uucaaguaa <u>ucUagg</u> uagg.....	39	1	GDM
.....uucaaguaa <u>uccaggau</u> agC.....	134	1	GDM
.....uucaaguaa <u>uA</u> caggauagg.....	29	1	GDM
.....uucaaguaa <u>ucA</u> ggauagg.....	8	1	GDM
.....uucaagu <u>Uauccagg</u> uagg.....	11	1	GDM
.....uucaaguaa <u>ucUagg</u> uagg.....	39	1	GDM
.....uucaaguaa <u>ucUgg</u> uagg.....	36	1	GDM
.....uucaaguaa <u>uccagga</u> Agg.....	5	1	GDM
.....uucaaguaa <u>uA</u> caggauagg.....	29	1	GDM
.....uucaaguaa <u>uccaggau</u> aggg.....	31352	0	GDM
.....uucaag <u>Gaa</u> uccaggauagg.....	4	1	GDM
.....uucaaguaa <u>uccaggau</u> agC.....	134	1	GDM
.....uucaaguaa <u>ucca</u> Cg <u>uagg</u>	4	1	GDM
.....uu <u>Ua</u> aguaa <u>uccaggau</u> aggg.....	32	1	GDM
.....uucaaguaa <u>uccaggau</u> Ggg.....	124	1	GDM
.....uucaag <u>Aa</u> uccaggauagg.....	11	1	GDM
.....uucaaguaa <u>uccGgg</u> uagg.....	145	1	GDM
.....u <u>Cc</u> aaguaa <u>uccaggau</u> aggg.....	190	1	GDM
.....uu <u>Ga</u> aguaa <u>uccaggau</u> aggg.....	1	1	GDM
.....uuc <u>Ga</u> guaa <u>uccaggau</u> aggg.....	176	1	GDM
.....uucaaguaa <u>uccaggua</u> A <u>g</u>	21	1	GDM
.....uucaaguaa <u>uccaggua</u> U <u>g</u>	13	1	GDM
..... <u>Au</u> caaguaa <u>uccaggau</u> aggg.....	52	1	GDM
.....uucaaguaa <u>ucUagg</u> uagg.....	39	1	GDM
.....uucaagu <u>Ca</u> uccaggauagg.....	4	1	GDM
.....uucaaguaa <u>uccCgg</u> uagg.....	7	1	GDM
.....uucaaguaa <u>Gccagg</u> uagg.....	8	1	GDM
.....uucaaguaa <u>Gccagg</u> uagg.....	8	1	GDM
.....uucaaguaa <u>ucA</u> ggauagg.....	8	1	GDM
..... <u>Gu</u> caaguaa <u>uccaggau</u> aggg.....	15	1	GDM
.....uuca <u>Gg</u> uaa <u>uccaggau</u> aggg.....	176	1	GDM
.....uu <u>Ua</u> aguaa <u>uccaggau</u> aggg.....	32	1	GDM
.....uuca <u>Cg</u> uaa <u>uccaggau</u> aggg.....	4	1	GDM
.....uucaag <u>Ca</u> a <u>uccaggau</u> aggg.....	89	1	GDM
.....u <u>Gc</u> aaguaa <u>uccaggau</u> aggg.....	8	1	GDM
.....uuca <u>Ug</u> uaa <u>uccaggau</u> aggg.....	27	1	GDM
.....uucaaguaa <u>uccagga</u> u <u>Ugg</u>	34	1	GDM
.....uucaaguaa <u>uccaggua</u> U <u>g</u>	13	1	GDM
.....uucaag <u>Aa</u> uccaggauagg.....	11	1	GDM
.....uucaaguaa <u>uccaggua</u> C <u>g</u>	6	1	GDM
.....uucaaguaa <u>uccagg</u> Cuagg.....	1	1	GDM
.....uucaaguaa <u>uccagg</u> Guagg.....	138	1	GDM
.....uuc <u>Cag</u> uaa <u>uccaggau</u> aggg.....	11	1	GDM
.....uucaaguaa <u>uccagg</u> Uuagg.....	23	1	GDM
.....uucaaguaa <u>ucca</u> A <u>g</u> uagg.....	37	1	GDM
.....uucaaguaa <u>ucG</u> aggauagg.....	2	1	GDM
.....uuc <u>Cag</u> uaa <u>uccaggau</u> aggg.....	11	1	GDM
.....uucaaguaa <u>uccaggau</u> agC.....	134	1	GDM
.....uuc <u>U</u> aguaa <u>uccaggau</u> aggg.....	48	1	GDM
.....uu <u>Ua</u> aguaa <u>uccaggau</u> aggg.....	32	1	GDM
.....uucaaguaa <u>uccagg</u> Uuagg.....	23	1	GDM
..... <u>Cu</u> caaguaa <u>uccaggau</u> aggg.....	205	1	GDM
.....uucaagua <u>U</u> uccaggauagg.....	13	1	GDM
.....uucaaguaa <u>uccaggau</u> agA.....	1667	1	GDM
.....uucaaguaa <u>A</u> ccaggauagg.....	25	1	GDM
.....uucaaguaa <u>uccagga</u> Gag.....	13	1	GDM
.....uuc <u>Ga</u> guaa <u>uccaggau</u> aggg.....	176	1	GDM
.....uucaaguaa <u>A</u> caggauagg.....	29	1	GDM

guggccucguucaaguaauccaggauaggcugugcagguccaaugggccuauucugguacuugcacggggacgc

.....uucaaguaa <u>uccCggauagg</u>	7	1	GDM
.....Gucaaguaa <u>ucccaggauagg</u>	15	1	GDM
.....uucaaguaa <u>Gccaggauagg</u>	8	1	GDM
.....uucaaguaa <u>ucccagguaAg</u>	21	1	GDM
.....uucaaguaa <u>ucccaggUuagg</u>	23	1	GDM
.....uucaagua <u>Guccaggauagg</u>	128	1	GDM
.....uucaaguaa <u>uccGggauagg</u>	145	1	GDM
.....uucaagua <u>Cuccaggauagg</u>	9	1	GDM
.....uucaaguaa <u>ucccaggauagA</u>	1667	1	GDM
.....uucaag <u>Caauccaggauagg</u>	89	1	GDM
.....uuca <u>Guaa</u> <u>ucccaggauagg</u>	176	1	GDM
.....uucaaguaa <u>Cccaggauagg</u>	159	1	GDM
.....uucaaguaa <u>uccUggauagg</u>	36	1	GDM
.....uucaaguaa <u>ucccaggAagg</u>	5	1	GDM
.....uucaag <u>AAa</u> <u>ucccaggauagg</u>	11	1	GDM
.....uucaaguaa <u>ucccaggaCagg</u>	67	1	GDM
.....Aucaaguaa <u>ucccaggauagg</u>	52	1	GDM
.....uucaaguaa <u>ucccaggauagg</u>	31352	0	GDM
.....uucaaguaa <u>ucccagAAuagg</u>	33	1	GDM
.....uucaaguaa <u>uGcaggauagg</u>	9	1	GDM
.....uucaaguaa <u>ucGaggauagg</u>	2	1	GDM
.....uucaaguaa <u>ucAaggauagg</u>	8	1	GDM
.....uAcaaguaa <u>ucccaggauagg</u>	46	1	GDM
.....uucaaguaa <u>uccaCg</u> <u>auagg</u>	4	1	GDM
.....Cucaaguaa <u>ucccaggauagg</u>	205	1	GDM
.....uucaaguaa <u>ucccaggauagA</u>	1667	1	GDM
.....uucUaguaa <u>ucccaggauagg</u>	48	1	GDM
.....uAcaaguaa <u>ucccaggauagg</u>	46	1	GDM
.....uucaaguaa <u>ucccaggaCagg</u>	67	1	GDM
.....uucaaguaa <u>ucccaggauCgg</u>	418	1	GDM
.....uucaaguaa <u>ucccaggauUg</u>	13	1	GDM
.....uucaaguaa <u>ucccaggauagU</u>	193	1	GDM
.....uucaaguaa <u>uccaAg</u> <u>auagg</u>	37	1	GDM
.....uucaaguaa <u>uccaAg</u> <u>auagg</u>	37	1	GDM
.....uucaa <u>AAua</u> <u>ucccaggauagg</u>	33	1	GDM
.....uucaagu <u>Ua</u> <u>ucccaggauagg</u>	11	1	GDM
.....Aucaaguaa <u>ucccaggauagg</u>	52	1	GDM
.....uucGaguaa <u>ucccaggauagg</u>	176	1	GDM
.....uucaaguaa <u>Accaggauagg</u>	25	1	GDM
.....uucaaguaa <u>uGcaggauagg</u>	9	1	GDM
.....uucaaguaa <u>ucccagguaCg</u>	6	1	GDM
.....uucaagua <u>Guccaggauagg</u>	128	1	GDM
.....uucaaguaa <u>Accaggauagg</u>	25	1	GDM
.....uucaa <u>Cua</u> <u>ucccaggauagg</u>	1	1	GDM
.....uucaaguaa <u>ucccagguaAg</u>	21	1	GDM
.....uGcaaguaa <u>ucccaggauagg</u>	8	1	GDM
.....uucaag <u>Gaa</u> <u>ucccaggauagg</u>	4	1	GDM
.....uucaaguaa <u>ucccaggGuagg</u>	138	1	GDM
.....uucaaguaa <u>ucccagCauagg</u>	2	1	GDM
.....uucaaguaa <u>ucccaggauGgg</u>	124	1	GDM
.....uucaa <u>Uua</u> <u>ucccaggauagg</u>	11	1	GDM
.....uucaaguaa <u>ucccagUauagg</u>	5	1	GDM
.....uucaa <u>Uua</u> <u>ucccaggauagg</u>	11	1	GDM
.....uucaaguaa <u>ucccaggaCagg</u>	67	1	GDM
.....uucaaguaa <u>ucccaggauagg</u>	31352	0	GDM
.....uucaa <u>AAua</u> <u>ucccaggauagg</u>	33	1	GDM
.....uucaa <u>AAua</u> <u>ucccaggauagg</u>	33	1	GDM
.....uucaagu <u>Gau</u> <u>ccaggauagg</u>	95	1	GDM
.....uucUaguaa <u>ucccaggauagg</u>	48	1	GDM
.....uucaaguaa <u>ucccagAAuagg</u>	33	1	GDM
.....uucaag <u>Caa</u> <u>ucccaggauagg</u>	89	1	GDM
.....uucaa <u>Uua</u> <u>ucccaggauagg</u>	11	1	GDM
.....uucaagua <u>Uucc</u> <u>aggauagg</u>	13	1	GDM
.....uucaaguaa <u>uccUggauagg</u>	36	1	GDM
.....Gucaaguaa <u>ucccaggauagg</u>	15	1	GDM
.....uucaaguaa <u>uccGggauagg</u>	145	1	GDM
.....uucaaguaa <u>Cccaggauagg</u>	159	1	GDM
.....uucaaguaa <u>uccCggauagg</u>	7	1	GDM
.....uucaaguaa <u>ucccaggauUgg</u>	34	1	GDM

guggccucguucaaguaauccaggauaggcugugcaggucccaaugggccuaucugguuacugcaggggacgc

..... uucaUgua <u>u</u> accag <u>g</u> auag <u>g</u>	27	1	GDM
..... Cucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	205	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	128	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> A <u>u</u> ag <u>g</u>	33	1	GDM
..... uucaC <u>g</u> ua <u>u</u> accag <u>g</u> auag <u>g</u>	4	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> uaC <u>g</u>	6	1	GDM
..... uuAaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	12	1	GDM
..... uucaag <u>u</u> G <u>u</u> accag <u>g</u> auag <u>g</u>	95	1	GDM
..... uucaag <u>u</u> U <u>u</u> ccag <u>g</u> auag <u>g</u>	13	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auC <u>g</u> g.....	418	1	GDM
..... uAcaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	46	1	GDM
..... uucaag <u>u</u> Ca <u>u</u> ccag <u>g</u> auag <u>g</u>	4	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> U <u>u</u> ag <u>g</u>	5	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auC <u>g</u> g.....	418	1	GDM
..... uuAaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	12	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> A <u>g</u> g.....	13	1	GDM
..... uGcaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	8	1	GDM
..... uucCag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	11	1	GDM
..... uucaC <u>g</u> ua <u>u</u> accag <u>g</u> auag <u>g</u>	4	1	GDM
..... uCcaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	190	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccaU <u>g</u> auag <u>g</u>	9	1	GDM
..... uucaU <u>g</u> ua <u>u</u> accag <u>g</u> auag <u>g</u>	27	1	GDM
..... uucaag <u>u</u> aa <u>u</u> G <u>g</u> ag <u>g</u> auag <u>g</u>	9	1	GDM
..... uucaag <u>u</u> aa <u>u</u> C <u>u</u> ccag <u>g</u> auag <u>g</u>	159	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auU <u>g</u> g.....	34	1	GDM
..... uucaG <u>g</u> ua <u>u</u> accag <u>g</u> auag <u>g</u>	176	1	GDM
..... uucaag <u>u</u> aa <u>u</u> C <u>u</u> ccag <u>g</u> auag <u>g</u>	9	1	GDM
..... uucaag <u>u</u> Ca <u>u</u> ccag <u>g</u> auag <u>g</u>	4	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auagU.....	193	1	GDM
..... uucaag <u>u</u> G <u>u</u> accag <u>g</u> auag <u>g</u>	95	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> A <u>g</u> g.....	13	1	GDM
..... uuAaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	12	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auagU.....	193	1	GDM
..... uCcaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u>	190	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> U <u>u</u> ag <u>g</u>	138	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auG <u>g</u> g.....	124	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccaU <u>g</u> auag <u>g</u>	9	1	GDM
..... uucaag <u>u</u> G <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	24	1	GDM
..... uucaG <u>g</u> ua <u>u</u> accag <u>g</u> auag <u>g</u> c.....	32	1	GDM
..... uuUaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	7	1	GDM
..... uucaag <u>u</u> G <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	24	1	GDM
..... uCcaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	47	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> U <u>u</u> ag <u>g</u> c.....	6	1	GDM
..... uucaag <u>u</u> aa <u>u</u> C <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	34	1	GDM
..... uucGag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	49	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccU <u>g</u> g <u>u</u> ag <u>g</u> c.....	12	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> A <u>g</u> g.....	21	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	6481	0	GDM
..... uucaagA <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	2	1	GDM
..... uucaag <u>u</u> aa <u>u</u> U <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	2231	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auG <u>g</u> g.....	19	1	GDM
..... uucaaC <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	1	1	GDM
..... uucaag <u>u</u> aa <u>u</u> A <u>g</u> g <u>u</u> ag <u>g</u> c.....	4	1	GDM
..... uucaag <u>u</u> G <u>u</u> accag <u>g</u> auag <u>g</u> c.....	12	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccaA <u>g</u> auag <u>g</u> c.....	10	1	GDM
..... uucaag <u>u</u> aa <u>u</u> C <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	2	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> U <u>u</u> ag <u>g</u> c.....	27	1	GDM
..... Cucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	33	1	GDM
..... Aucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	12	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auU <u>g</u> g.....	5	1	GDM
..... uucU <u>g</u> ua <u>u</u> accag <u>g</u> auag <u>g</u> c.....	11	1	GDM
..... uucaaA <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	9	1	GDM
..... Gucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	4	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	6481	0	GDM
..... uucaag <u>u</u> aa <u>u</u> U <u>g</u> g <u>u</u> ag <u>g</u> c.....	43	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> U <u>u</u> ag <u>g</u> c.....	6	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auagU <u>u</u>	2	1	GDM
..... Aucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auag <u>g</u> c.....	12	1	GDM
..... uucaag <u>u</u> aa <u>u</u> ccag <u>g</u> auC <u>g</u> c.....	1	1	GDM

guggccucguucaaguaauccaggauagggcgugcaggucccaaugggccuauucugguacuugcacggggacgc

.....uucaaguaa <u>uccaggauag</u> Uc.....	2	1	GDM
.....Aucaaguaa <u>uccaggauag</u> gc.....	12	1	GDM
.....uuUaaguaa <u>uccaggauag</u> gc.....	7	1	GDM
.....uucaaguaa <u>uccaggU</u> auaggc.....	2	1	GDM
.....uucaaguaa <u>uccaggauag</u> gU.....	1339	1	GDM
.....uCaaguaa <u>uccaggauag</u> gc.....	47	1	GDM
.....uucaaguaa <u>ucU</u> aggauaggc.....	43	1	GDM
.....uucaaguU <u>uccaggauag</u> gc.....	3	1	GDM
.....uucaaguaC <u>uccaggauag</u> gc.....	4	1	GDM
.....uucaaguaU <u>uccaggauag</u> gc.....	1	1	GDM
.....uucaaguaa <u>uccaggauag</u> Cc.....	1	1	GDM
.....uucaaguaa <u>uccaggau</u> Ugc.....	3	1	GDM
.....uucaaguaa <u>uccagga</u> Caggc.....	21	1	GDM
.....uucaaguaC <u>uccaggauag</u> gc.....	4	1	GDM
.....uucaaguaa <u>uccaggauag</u> Ac.....	14	1	GDM
.....uucaagCaa <u>uccaggauag</u> gc.....	17	1	GDM
.....uucaaguaC <u>uccaggauag</u> gc.....	4	1	GDM
.....uucaaguaa <u>uccU</u> ggauaggc.....	12	1	GDM
.....uucaaguaa <u>uccaggauag</u> gG.....	4	1	GDM
.....uucaaguaa <u>ucU</u> caggauaggc.....	2231	1	GDM
.....uucaaguaa <u>uccaggau</u> Agc.....	20	1	GDM
.....uucaaguaa <u>ucca</u> Agauaggc.....	10	1	GDM
.....uucaCguaa <u>uccaggauag</u> gc.....	1	1	GDM
.....uucaaguaa <u>uccaggauag</u> gA.....	279	1	GDM
.....uucaaguaa <u>uccagg</u> Guaggc.....	27	1	GDM
.....uCaaguaa <u>uccaggauag</u> gc.....	47	1	GDM
.....uuUaaguaa <u>uccaggauag</u> gc.....	7	1	GDM
.....uucaagCaa <u>uccaggauag</u> gc.....	17	1	GDM
.....uucaaguaa <u>ucU</u> aggauaggc.....	43	1	GDM
.....uucaaAuaa <u>uccaggauag</u> gc.....	9	1	GDM
.....uucaaguaa <u>uccC</u> ggauaggc.....	1	1	GDM
.....uucaaguaa <u>uccU</u> ggauaggc.....	12	1	GDM
.....uucaaguaa <u>uccaggauag</u> gA.....	279	1	GDM
.....Cucaaguaa <u>uccaggauag</u> gc.....	33	1	GDM
.....uucaagAaa <u>uccaggauag</u> gc.....	2	1	GDM
.....uucCaguaa <u>uccaggauag</u> gc.....	1	1	GDM
.....uucGaguaa <u>uccaggauag</u> gc.....	49	1	GDM
.....uucaaguaaC <u>ccaggauag</u> gc.....	34	1	GDM
.....uucaGguaa <u>uccaggauag</u> gc.....	32	1	GDM
.....uucaaguaa <u>uccaggauag</u> Ac.....	14	1	GDM
.....uucaaguaa <u>uccaggau</u> Gggc.....	19	1	GDM
.....uucaUguaa <u>uccaggauag</u> gc.....	3	1	GDM
.....uucaaguaa <u>uccaggau</u> Agc.....	20	1	GDM
.....uucaaguaa <u>uccaggauag</u> Ac.....	14	1	GDM
.....uucaGguaa <u>uccaggauag</u> gc.....	32	1	GDM
.....Cucaaguaa <u>uccaggauag</u> gc.....	33	1	GDM
.....uucGaguaa <u>uccaggauag</u> gc.....	49	1	GDM
.....uucaaguaa <u>ucA</u> aggauaggc.....	4	1	GDM
.....uucaaAuaa <u>uccaggauag</u> gc.....	9	1	GDM
.....uucaaguaaA <u>ccaggauag</u> gc.....	1	1	GDM
.....uucaaguaa <u>uccaggauag</u> gU.....	1339	1	GDM
.....uucaaUuaa <u>uccaggauag</u> gc.....	6	1	GDM
.....uucaaguaa <u>uccagA</u> auaggc.....	4	1	GDM
.....uucaaguaa <u>ucG</u> caggauaggc.....	1	1	GDM
.....uucaaguaa <u>uccagA</u> auaggc.....	4	1	GDM
.....uucaaguaa <u>uccaggauag</u> gU.....	1339	1	GDM
.....uucaaguaa <u>uccG</u> ggauaggc.....	35	1	GDM
.....uucaaguaa <u>ucU</u> caggauaggc.....	2231	1	GDM
.....uucaaguaa <u>uccaggauag</u> gc.....	6481	0	GDM
.....uucaaguaa <u>ucA</u> caggauaggc.....	12	1	GDM
.....uucaaguaa <u>uccaggau</u> Gggc.....	19	1	GDM
.....uucaaguaa <u>uccG</u> ggauaggc.....	35	1	GDM
.....uucaaguaa <u>ucca</u> Agauaggc.....	10	1	GDM
.....uucaaguaa <u>uccagga</u> Aaggc.....	3	1	GDM
.....uucaaguG <u>auccaggauag</u> gc.....	12	1	GDM
.....uucaaUuaa <u>uccaggauag</u> gc.....	6	1	GDM
.....uucaaguaa <u>uccaggau</u> Ugc.....	3	1	GDM
.....uucaaguaa <u>uccaggau</u> Cggc.....	1	1	GDM
.....uucUaguaa <u>uccaggauag</u> gc.....	11	1	GDM

guggccucguuuaaaguuaccaggauagggcugcaggucccaaugggcuauucugguuacuugcacggggacgc

.....uucaaguaaaccaggauAgc.....	20	1	GDM
.....uucaaguUauccaggauaggc.....	3	1	GDM
.....uucaaguaaCccaggauaggc.....	34	1	GDM
.....uucaaguaauccaCgauaggc.....	1	1	GDM
.....uucaaguaauccaggUuaggc.....	6	1	GDM
.....uucaaguaauAaccaggauaggc.....	12	1	GDM
.....uucaaguaaAaccaggauaggc.....	4	1	GDM
.....uucaagGauaccaggauaggc.....	1	1	GDM
.....uucaaguaaaccaggauUggc.....	5	1	GDM
.....uucaaguaaaccaggauaggg.....	4	1	GDM
.....uucUaguaaaccaggauaggc.....	11	1	GDM
.....uucaagCaauccaggauaggc.....	17	1	GDM
.....uucaaguaaaccagggaCaggc.....	21	1	GDM
.....uucaaguaauccGggauaggc.....	35	1	GDM
.....uucaaguaGuccaggauaggc.....	24	1	GDM
.....uucaaguaaaccaggGuaggc.....	27	1	GDM
.....uucaaguaaaccaggauagggA.....	279	1	GDM
.....uAcaaguaaaccaggauaggc.....	7	1	GDM
.....Gucaaguaaaccaggauaggc.....	4	1	GDM
.....uAcaaguaaaccaggauaggc.....	7	1	GDM
.....uucaaUuaaaccaggauagggcu.....	27	1	GDM
.....uucaaguaaaccaggauagggcu.....	73867	0	GDM
.....uucaaguaaaccUggauagggcu.....	84	1	GDM
.....uucaaguaaAccaggauagggcu.....	27	1	GDM
.....uucaaguaaaccaggUuagggcu.....	72	1	GDM
.....uucGaguaaaccaggauagggcu.....	388	1	GDM
.....uucaaguaauAaccaggauagggcu.....	54	1	GDM
.....uucaaguaaaccaggauagggG.....	643	1	GDM
.....uucaaguaaaccaggauagggU.....	9	1	GDM
.....uucaaguaaGcaggauagggcu.....	7	1	GDM
.....uucaaguaaaccaggauagAcu.....	153	1	GDM
.....uucaaguaCuccaggauagggcu.....	24	1	GDM
.....uucaaUuaaaccaggauagggcu.....	27	1	GDM
.....uucaaguaaaccaggauUggcu.....	49	1	GDM
.....uGcaaguaaaccaggauagggcu.....	18	1	GDM
.....uucaaguaaGccaggauagggcu.....	5	1	GDM
.....uucaaguaaaccCggauagggcu.....	20	1	GDM
.....uuAaaguaaaccaggauagggcu.....	21	1	GDM
.....uGcaaguaaaccaggauagggcu.....	18	1	GDM
.....uucaaguaauccaUgauagggcu.....	36	1	GDM
.....uucaaguaaaccaggCuagggcu.....	15	1	GDM
.....uucaaguaaaccaggauagCcu.....	15	1	GDM
.....uucaaguaaAaccaggauagggcu.....	54	1	GDM
.....uucaaguaaaccagggaGaggcu.....	8	1	GDM
.....uucaaguaaaccUggauagggcu.....	84	1	GDM
.....uucaaguaauccaCgauagggcu.....	8	1	GDM
.....uucaaguaaaccagggaAaggcu.....	42	1	GDM
.....uucaaCuaaaccaggauagggcu.....	4	1	GDM
.....uucaaguaaaccUaggauagggcu.....	941	1	GDM
.....uucaGuaaaccaggauagggcu.....	330	1	GDM
.....uucaaguaaaccUaggauagggcu.....	941	1	GDM
.....uucaaguaaaccaggauagggC.....	6452	1	GDM
.....uucaaguGauccaggauagggcu.....	187	1	GDM
.....uucaaguaaaccaggauagggU.....	9	1	GDM
.....uucaaguaaaccaggauagAcu.....	153	1	GDM
.....uucaaguaaaccaggauagggU.....	236	1	GDM
.....uucaaguaaaccaggauUggcu.....	49	1	GDM
.....uucaaguaUuccaggauagggcu.....	31	1	GDM
.....uucaaguaaaccaggauagggcu.....	31	1	GDM
.....uucUaguaaaccaggauagggcu.....	102	1	GDM
.....Gucaaguaaaccaggauagggcu.....	13	1	GDM
.....uucaaguaaaccaggauUgcu.....	17	1	GDM
.....uucaaUuaaaccaggauagggcu.....	27	1	GDM
.....uucaaguaaGccaggauagggcu.....	5	1	GDM
.....uucaaguaaUccaggauagggcu.....	258	1	GDM
.....uucaaguaaaccaggauagggcu.....	31	1	GDM
.....uucaaguaaaccaggGuagggcu.....	329	1	GDM
.....uucCaguaaaccaggauagggcu.....	18	1	GDM
.....uucaaguUauccaggauagggcu.....	24	1	GDM

guggccucguucaaguaauccaggauaggcugugcaggucccaaugggccuauucugguuacuugcacggggacgc

.....uucaaguaa <u>uccagg</u> Uuaggcu.....	72	1	GDM
.....Aucaaguaa <u>uccaggau</u> aggcu.....	139	1	GDM
.....uCaaguaa <u>uccaggau</u> aggcu.....	505	1	GDM
.....uucaagGaa <u>uccaggau</u> aggcu.....	15	1	GDM
.....uucGaguaa <u>uccaggau</u> aggcu.....	388	1	GDM
.....uucaaguaa <u>uccagg</u> Uuaggcu.....	9	1	GDM
.....uucaaAuaa <u>uccaggau</u> aggcu.....	75	1	GDM
.....uucaaguaa <u>uccaggau</u> Gggcu.....	260	1	GDM
.....uucaaguaaC <u>ccaggau</u> aggcu.....	360	1	GDM
.....uucaaguaa <u>uccaggau</u> agUcu.....	15	1	GDM
.....uucaaguaa <u>ucca</u> Cgauaggcu.....	8	1	GDM
.....uucaagAaa <u>uccaggau</u> aggcu.....	44	1	GDM
.....uucaaguaa <u>uccagA</u> auaggcu.....	76	1	GDM
.....uucaagGaa <u>uccaggau</u> aggcu.....	15	1	GDM
.....uucaaguaa <u>ucca</u> Agauaggcu.....	73	1	GDM
.....uucaaguaa <u>uccaggau</u> aggcA.....	3415	1	GDM
.....uucaaAuaa <u>uccaggau</u> aggcu.....	75	1	GDM
.....uucaaguaa <u>uccagga</u> Gaggcu.....	8	1	GDM
.....Gucaaguaa <u>uccaggau</u> aggcu.....	13	1	GDM
.....uucaaguaa <u>uccaggau</u> aggUu.....	236	1	GDM
.....uucaaguaG <u>uccaggau</u> aggcu.....	331	1	GDM
.....uucaaCuaa <u>uccaggau</u> aggcu.....	4	1	GDM
.....uuUaaguaa <u>uccaggau</u> aggcu.....	93	1	GDM
.....uucaaguaG <u>uccaggau</u> aggcu.....	331	1	GDM
.....uucaaCuaa <u>uccaggau</u> aggcu.....	4	1	GDM
.....uucaGguaa <u>uccaggau</u> aggcu.....	330	1	GDM
.....uucaaguaa <u>uccaggau</u> aggcC.....	6452	1	GDM
.....uucaaguaa <u>uccaggau</u> Cggcu.....	14	1	GDM
.....uucaaguaU <u>uccaggau</u> aggcu.....	31	1	GDM
.....uucaUguaa <u>uccaggau</u> aggcu.....	42	1	GDM
.....uucaUguaa <u>uccaggau</u> aggcu.....	42	1	GDM
.....uucaaguaa <u>ucca</u> Ugauaggcu.....	36	1	GDM
.....uucaaguaa <u>uccaggau</u> aggcu.....	3	1	GDM
.....uucGaguaa <u>uccaggau</u> aggcu.....	388	1	GDM
.....uucaaguaa <u>uccggau</u> aggcu.....	342	1	GDM
.....uucUaguaa <u>uccaggau</u> aggcu.....	102	1	GDM
.....uucaaguuG <u>auccaggau</u> aggcu.....	187	1	GDM
.....uGcaaguaa <u>uccaggau</u> aggcu.....	18	1	GDM
.....uucaaguaa <u>uccagg</u> Uuaggcu.....	72	1	GDM
.....uucaaguaa <u>uccaggau</u> aggAu.....	46	1	GDM
.....uucaaguuC <u>auccaggau</u> aggcu.....	10	1	GDM
.....uucaaguaa <u>uccagga</u> Aaggcu.....	42	1	GDM
.....uucaaguaU <u>uccaggau</u> aggcu.....	31	1	GDM
.....uucaagCa <u>auccaggau</u> aggcu.....	216	1	GDM
.....uucaGguaa <u>uccaggau</u> aggcu.....	330	1	GDM
.....uucaaguaa <u>uccagg</u> Cuaggcu.....	15	1	GDM
.....uucaaguaa <u>uccagg</u> Uuaggcu.....	329	1	GDM
.....uucaaguaa <u>uccagg</u> Cuaggcu.....	15	1	GDM
.....uucaaguaa <u>uccag</u> Uuaggcu.....	9	1	GDM
.....uucaagAaa <u>uccaggau</u> aggcu.....	44	1	GDM
.....uucaaguaa <u>uccaggau</u> aggcu.....	3	1	GDM
.....uucaaguaa <u>uccaggau</u> Cgcu.....	2	1	GDM
.....uucaaguaa <u>uccagA</u> uaggcu.....	76	1	GDM
.....uucaaguaa <u>uccaggau</u> agUcu.....	15	1	GDM
.....uucaaguaa <u>uccaggau</u> Cggcu.....	14	1	GDM
.....uucaaguaC <u>uccaggau</u> aggcu.....	24	1	GDM
.....uucaaguaa <u>uccaggau</u> agCcu.....	15	1	GDM
.....uucaaguaa <u>uccggau</u> aggcu.....	342	1	GDM
.....uucaaguaa <u>uccaggau</u> agUcu.....	15	1	GDM
.....uucaaguaa <u>ucca</u> Ugauaggcu.....	36	1	GDM
.....uAcaaguaa <u>uccaggau</u> aggcu.....	108	1	GDM
.....uuGaaguaa <u>uccaggau</u> aggcu.....	4	1	GDM
.....uucaaguaa <u>uccaggau</u> aggcu.....	73867	0	GDM
.....uucaaguaa <u>uccaggau</u> agCcu.....	15	1	GDM
.....uAcaaguaa <u>uccaggau</u> aggcu.....	108	1	GDM
.....uucaagCa <u>auccaggau</u> aggcu.....	216	1	GDM
.....uucaaguuC <u>auccaggau</u> aggcu.....	10	1	GDM
.....uucaaguaaC <u>ccaggau</u> aggcu.....	360	1	GDM
.....uucaaguaa <u>uccaggau</u> agUcu.....	17	1	GDM

guggccucguucaaguaauccagguauaggucgugcaggucccaaugggccuaucuugguuaucugcaggggacgc

.....Cucaagua <u>u</u> ccagg <u>u</u> auagg <u>u</u>	447	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> au <u>U</u> gcu.....	17	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u> CA.....	3415	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> Gccagg <u>u</u> auagg <u>u</u>	5	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> Uagg <u>u</u> auagg <u>u</u>	941	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccag <u>C</u> auagg <u>u</u>	3	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> CAgg <u>u</u>	253	1	GDM
.....u <u>u</u> cCag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	18	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccag <u>A</u> uagg <u>u</u>	76	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u> G.....	643	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u> Au.....	46	1	GDM
.....u <u>u</u> caa <u>A</u> ua <u>u</u> ccagg <u>u</u> auagg <u>u</u>	75	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auCgg <u>u</u>	14	1	GDM
.....u <u>u</u> caag <u>u</u> U <u>u</u> ccagg <u>u</u> auagg <u>u</u>	24	1	GDM
.....u <u>u</u> Uaag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	93	1	GDM
.....u <u>u</u> caag <u>u</u> auG <u>u</u> ccagg <u>u</u> auagg <u>u</u>	331	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> Aagg <u>u</u>	42	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccCgg <u>u</u> auagg <u>u</u>	20	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> Ucagg <u>u</u> auagg <u>u</u>	258	1	GDM
.....u <u>u</u> caag <u>u</u> G <u>u</u> ccagg <u>u</u> auagg <u>u</u>	187	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> CAgg <u>u</u>	253	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> Ugg <u>u</u>	49	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccCgg <u>u</u> auagg <u>u</u>	20	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccGgg <u>u</u> auagg <u>u</u>	342	1	GDM
.....u <u>u</u> caUg <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	42	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> CAgg <u>u</u> auagg <u>u</u>	31	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u> Au.....	46	1	GDM
.....u <u>u</u> Aaag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	21	1	GDM
.....u <u>u</u> CAag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	108	1	GDM
.....u <u>u</u> caag <u>A</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	44	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auA <u>g</u> cu.....	65	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> CAgg <u>u</u> auagg <u>u</u>	54	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auC <u>g</u> cu.....	2	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auA <u>g</u> cu.....	153	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccag <u>C</u> auagg <u>u</u>	3	1	GDM
.....Cucaag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	447	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auA <u>g</u> cu.....	65	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccag <u>U</u> auagg <u>u</u>	9	1	GDM
.....u <u>u</u> caag <u>C</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	216	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>U</u>	9	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auA <u>g</u> cu.....	65	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u> C.....	6452	1	GDM
.....u <u>u</u> caag <u>u</u> U <u>u</u> ccagg <u>u</u> auagg <u>u</u>	24	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>U</u> auagg <u>u</u>	329	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> Ugg <u>u</u>	260	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> Cccagg <u>u</u> auagg <u>u</u>	360	1	GDM
.....u <u>u</u> Uaag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	93	1	GDM
.....u <u>u</u> caCg <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	4	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u> G.....	643	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> Ugg <u>u</u>	260	1	GDM
.....u <u>u</u> Gaag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	4	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>U</u>	236	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> CAgg <u>u</u>	253	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>A</u> ccagg <u>u</u> auagg <u>u</u>	27	1	GDM
.....u <u>u</u> caag <u>u</u> auC <u>u</u> ccagg <u>u</u> auagg <u>u</u>	24	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u> CA.....	3415	1	GDM
.....A <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	139	1	GDM
.....u <u>u</u> Aaag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	21	1	GDM
.....u <u>u</u> Caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	505	1	GDM
.....u <u>u</u> cUag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	102	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> cca <u>A</u> g <u>u</u> auagg <u>u</u>	73	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> cca <u>A</u> g <u>u</u> auagg <u>u</u>	73	1	GDM
.....G <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	13	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> GAgg <u>u</u>	8	1	GDM
.....u <u>u</u> caag <u>G</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	15	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> Ucagg <u>u</u> auagg <u>u</u>	258	1	GDM
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	73867	0	GDM
.....u <u>u</u> Gaag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	4	1	GDM
.....A <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> auagg <u>u</u>	139	1	GDM

guggccucguucaaguaauccaggauaggcugugcagguccaaugggccuauucugguuacuugcacggggacgc

.....uucCaguaa <u>uccaggauaggcu</u>	18	1	GDM
.....Cucaaguaa <u>uccaggauaggcu</u>	447	1	GDM
.....uucaaguaa <u>uccUggauaggcu</u>	84	1	GDM
.....uCaaguaa <u>uccaggauaggcu</u>	505	1	GDM
.....uucaCguaa <u>uccaggauaggcu</u>	4	1	GDM
.....uucaaguaa <u>Accaggauaggcu</u>	27	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Å.....	158	1	GDM
.....uucaaguaa <u>uccaggUuaggcu</u>	2	1	GDM
.....uucaaguaa <u>uccaggauaggcuU</u>	2224	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Å.....	158	1	GDM
.....uucaaguaa <u>uccaggauaggUug</u>	2	1	GDM
.....uucaaguaa <u>uccaggauaggcuC</u>	148	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> g.....	84	0	GDM
.....uucaaguaa <u>uccaggauaggcu</u>	84	0	GDM
.....uucaaguaa <u>uccUggauaggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcuC</u>	148	1	GDM
.....uucaaguG <u>uuccaggauaggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcuC</u>	148	1	GDM
.....uucaaguaU <u>uccaggauaggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcuU</u>	2224	1	GDM
.....uucaaguaa <u>uccaggauaggC</u> Ag.....	3	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> g.....	84	0	GDM
.....uucaaguaaU <u>uccaggauaggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggauUggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggUuaggcu</u> g.....	2	1	GDM
.....uucaaguaa <u>uccaggauaggcuU</u>	2224	1	GDM
.....uucaaguaa <u>uccaggauA</u> gcu.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggCG</u> g.....	4	1	GDM
.....Cucaaguaa <u>uccaggauaggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Å.....	158	1	GDM
.....uucaaguaa <u>uccaggauaggcuU</u>	1108	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> gÅ.....	165	1	GDM
.....uucaaguaa <u>uccaggauaggC</u> gu.....	3	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> g.....	247	0	GDM
.....uucaaguaa <u>uccaggauaggcu</u> C.....	20	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> gG.....	5	1	GDM
.....uucaaguaa <u>uccaggauagC</u> cu.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Cu.....	17	1	GDM
.....uCaaguaa <u>uccaggauaggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggUuaggcu</u> g.....	2	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> g.....	247	0	GDM
.....uucaaguaa <u>uccaA</u> guaggcu.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Cu.....	17	1	GDM
.....uucaagCaa <u>uccaggauaggcu</u> g.....	2	1	GDM
.....uucaaguaa <u>uccaggauaggC</u> gu.....	3	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> g.....	247	0	GDM
.....uucaUguaa <u>uccaggauaggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcuU</u>	1108	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> gÅ.....	165	1	GDM
.....uucaaguaa <u>uccaggauaggC</u> gu.....	1	1	GDM
.....uucaaguaa <u>uccaggauagU</u> cu.....	1	1	GDM
.....uucaaguaa <u>uccaggaC</u> aggcu.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> C.....	20	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Åu.....	214	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Åu.....	214	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Cu.....	17	1	GDM
.....uucGaguaa <u>uccaggauaggcu</u> g.....	1	1	GDM
.....uucaaguaa <u>uccaggauaggcuU</u>	1108	1	GDM
.....uucaaguaa <u>uccGggauaggcu</u> g.....	2	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> gÅ.....	165	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> gC.....	20	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> gC.....	2	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> Åu.....	214	1	GDM
.....uucaaguaG <u>uccaggauaggcu</u> g.....	3	1	GDM
.....uucaaguaa <u>uccaggauaggcu</u> gAg.....	1	1	GDM
.....ucaagCaa <u>uccaggauagg</u>	1	1	GDM
.....ucaaguaa <u>uccaggauagg</u>	65	0	GDM
.....ucaaguG <u>uuccaggauagg</u>	1	1	GDM
.....ucaaguaG <u>uccaggauagg</u>	1	1	GDM

guggccucgucaaguaaccaggauaggcugugcaggucccaaugggccuaucugguacuugcacggggacgc

.....ucaaguaaCccaggauagg.....	1	1	GDM
.....ucaaguaauccaggauagg.....	65	0	GDM
.....ucaaguaauccaggauagg.....	65	0	GDM
.....ucaaguaauccaggauagA.....	7	1	GDM
.....ucaaguaauccaggauagA.....	7	1	GDM
.....ucaaguaauccaggauagA.....	7	1	GDM
.....ucaaguaauccaggauaggc.....	11	0	GDM
.....ucaaguaauccaggauaggc.....	2	1	GDM
.....ucaaguaauccaggauaggU.....	3	1	GDM
.....ucaaguaauUcaggauaggc.....	1	1	GDM
.....ucaaguaauccaggauaggU.....	3	1	GDM
.....ucaaguaauccaggauaggc.....	11	0	GDM
.....ucUaguaauccaggauaggc.....	2	1	GDM
.....ucaaguaauccaggAaggcu.....	2	1	GDM
.....ucaaguaauccaggauaggcA.....	14	1	GDM
.....Acaaguaauccaggauaggcu.....	2	1	GDM
.....ucaaguaauccaggauaggcu.....	285	0	GDM
.....ucaaguaauccaggauaggcC.....	24	1	GDM
.....ucaaguaaCccaggauaggcu.....	2	1	GDM
.....ucaaguaauccaggauaggcu.....	7	1	GDM
.....ucaaguaauccaggauaggcG.....	1	1	GDM
.....ucaaguaaCccaggauaggcu.....	2	1	GDM
.....ucaaguaauccaggauaggcu.....	3	1	GDM
.....ucaaguaauccaggauaggcA.....	14	1	GDM
.....ucaaguaGuccaggauaggcu.....	2	1	GDM
.....Ccaaguaauccaggauaggcu.....	2	1	GDM
.....ucaaguaauccaggauaggcu.....	7	1	GDM
.....ucaaguaauccaggauaggcu.....	285	0	GDM
.....ucaaguaauccaggauGggcu.....	2	1	GDM
.....ucaagAaauccaggauaggcu.....	1	1	GDM
.....ucaaguaauccaggGauaggcu.....	1	1	GDM
.....ucaaguaauccaggauaggcA.....	14	1	GDM
.....ucaaguaauccaggauaggcC.....	24	1	GDM
.....ucaagCaauccaggauaggcu.....	1	1	GDM
.....ucaGuaauccaggauaggcu.....	2	1	GDM
.....ucaaguaauccaggauaggUu.....	1	1	GDM
.....ucGaguaauccaggauaggcu.....	2	1	GDM
.....ucaaguaauccaggauaggcC.....	24	1	GDM
.....uUaaguaauccaggauaggcu.....	13	1	GDM
.....uUaaguaauccaggauaggcu.....	13	1	GDM
.....ucaaguaauccaggauaggcu.....	285	0	GDM
.....ucaaguaauccaggauaggcug.....	7	0	GDM
.....ucaaguaauccaggauaggcGg.....	1	1	GDM
.....ucaaguaauccaggauaggcug.....	7	0	GDM
.....ucaaguaauccaggauaggcuA.....	1	1	GDM
.....ucaaguaauccaggauaggcugC.....	1	1	GDM
.....ucaaguaauccaggauaggcugu.....	2	0	GDM
.....caaguaauccaggauagg.....	1	0	GDM
.....caaguaauccaggauaggcu.....	2	0	GDM
.....aaguaauccaggauaggU.....	1	1	GDM
.....aaguaauccaggauaggcA.....	2	1	GDM
.....aaguaauccaggauaggcC.....	1	1	GDM
.....aaguaauccaggauaggcu.....	6	0	GDM
.....aaguaauccaggauaggcu.....	6	0	GDM
.....ccua <u>u</u> cu <u>gg</u> ua <u>cu</u> ug <u>ca</u>	1	0	GDM
.....Cucaaguaauccaggauaggcu.....	1	1	Z2_
.....uUCAaguaauccaggaua.....	92	0	Z2_
.....uAcaaguaauccaggaua.....	1	1	Z2_
.....uUCAguaauccaggaua.....	1	1	Z2_
.....uUCAaguaauccaggGua.....	1	1	Z2_
.....Cucaaguaauccaggauag.....	1	1	Z2_
.....uUCAaguaauccaggauag.....	24	0	Z2_
.....uUCAaguaauccaggauagg.....	1	1	Z2_
.....uUCAaAuaauccaggauagg.....	6	1	Z2_
.....uUCAaguaauccaggauagg.....	8	1	Z2_
.....uUCAagCaauccaggauagg.....	8	1	Z2_
.....uUCAaguaauccaggauAg.....	11	1	Z2_
.....uUCAaguGauccaggauagg.....	6	1	Z2_

guggccucguucaaguaauccaggauaggcugugcaggucccaaugggccuauucugguacuugcacggggacgc

.....Cucaaguaa <u>uccaggauagg</u>	25	1	Z2_
.....uucaaguaa <u>uccaggauagA</u>	166	1	Z2_
.....uucaaguaa <u>uccaggauGgg</u>	10	1	Z2_
.....uucaagua <u>Uuccaggauagg</u>	1	1	Z2_
.....uucaaguaa <u>uccaggauagg</u>	1	1	Z2_
.....uucaaguaa <u>Cccaggauagg</u>	23	1	Z2_
.....uucaaguaa <u>uccCggauagg</u>	1	1	Z2_
.....uAcaaguaa <u>uccaggauagg</u>	6	1	Z2_
.....uucaaguaa <u>Gccaggauagg</u>	1	1	Z2_
.....uucaaguaa <u>uAcaggauagg</u>	4	1	Z2_
.....uucaagua <u>Guccaggauagg</u>	15	1	Z2_
.....uucUaguaa <u>uccaggauagg</u>	6	1	Z2_
.....uucaaguaa <u>uccaggauagU</u>	20	1	Z2_
.....uucaaguaa <u>uccaggAagg</u>	1	1	Z2_
.....uucaaguaa <u>uccaggauaCg</u>	2	1	Z2_
.....uucaaguaa <u>ucUaggauagg</u>	6	1	Z2_
.....uucaaguaa <u>uccaUgauagg</u>	3	1	Z2_
.....uucaaguaa <u>uccaggauUgg</u>	6	1	Z2_
.....uucaaUuaa <u>uccaggauagg</u>	1	1	Z2_
.....uucaaguaa <u>uccUggauagg</u>	9	1	Z2_
.....uucaaguaa <u>uccaggauagC</u>	6	1	Z2_
.....uucaaguaa <u>Accaggauagg</u>	1	1	Z2_
.....uucaaguaa <u>uccaggauagg</u>	4114	0	Z2_
.....uucaaguaa <u>uccaggUuagg</u>	5	1	Z2_
.....uucaaguaa <u>uccaggauaUg</u>	1	1	Z2_
.....uucaaguaa <u>uccaggAaagg</u>	10	1	Z2_
.....uucaaguaa <u>uccaggCuagg</u>	1	1	Z2_
.....uucaaCuaa <u>uccaggauagg</u>	2	1	Z2_
.....uuUaaguaa <u>uccaggauagg</u>	7	1	Z2_
.....uCaaguaa <u>uccaggauagg</u>	27	1	Z2_
.....uucaaguaa <u>uccaggCaagg</u>	6	1	Z2_
.....uucalUguaa <u>uccaggauagg</u>	8	1	Z2_
.....uucaaguaa <u>uccaggGuagg</u>	19	1	Z2_
.....uucaaguaa <u>uccGggauagg</u>	22	1	Z2_
.....uucGaguaa <u>uccaggauagg</u>	38	1	Z2_
.....uuAaguaa <u>uccaggauagg</u>	2	1	Z2_
.....uucalGguaa <u>uccaggauagg</u>	32	1	Z2_
.....uucaaguUa <u>uccaggauagg</u>	1	1	Z2_
.....uucaaguaa <u>uAcaggauaggc</u>	1	1	Z2_
.....uucaaguaa <u>uccaUgauaggc</u>	1	1	Z2_
.....uucaaguaa <u>uccaggCaaggc</u>	4	1	Z2_
.....uucaaguaa <u>uccaggauaggU</u>	175	1	Z2_
.....uucaaguaa <u>uccaggauaggG</u>	3	1	Z2_
.....Aucaaguaa <u>uccaggauaggc</u>	2	1	Z2_
.....uuUaaguaa <u>uccaggauaggc</u>	1	1	Z2_
.....uAcaaguaa <u>uccaggauaggc</u>	1	1	Z2_
.....uucaaguaa <u>uccaggauagUc</u>	2	1	Z2_
.....Cucaaguaa <u>uccaggauaggc</u>	5	1	Z2_
.....uucaaguaa <u>uccaggauaggc</u>	1167	0	Z2_
.....uucalGguaa <u>uccaggauaggc</u>	8	1	Z2_
.....uucaaguaa <u>uAcaggauaggc</u>	1	1	Z2_
.....uucCaguaa <u>uccaggauaggc</u>	1	1	Z2_
.....uucaaguaa <u>uccaggAaaggc</u>	2	1	Z2_
.....uucaaguaa <u>Accaggauaggc</u>	3	1	Z2_
.....uucaaguaa <u>uccaggauUggc</u>	1	1	Z2_
.....uucaaguaa <u>uccCggauaggc</u>	1	1	Z2_
.....uucaagCaa <u>uccaggauaggc</u>	3	1	Z2_
.....uucaaAuaa <u>uccaggauaggc</u>	1	1	Z2_
.....uucaaguaa <u>uccaggauGggc</u>	5	1	Z2_
.....uucaagua <u>Uuccaggauaggc</u>	1	1	Z2_
.....uucaaguaa <u>uccGggauaggc</u>	3	1	Z2_
.....uucUaguaa <u>uccaggauaggc</u>	3	1	Z2_
.....uucaaguaa <u>uccaggauaggA</u>	37	1	Z2_
.....uucaaguaa <u>uccaggauagAc</u>	2	1	Z2_
.....uucGaguaa <u>uccaggauaggc</u>	10	1	Z2_
.....uucaaguaa <u>uccaCgauaggc</u>	1	1	Z2_
.....uucaagua <u>Guccaggauaggc</u>	5	1	Z2_
.....uucaaguaa <u>uccaggauCggc</u>	1	1	Z2_
.....uucaaguaa <u>uuccaggauaggc</u>	501	1	Z2_

guggccucguucaaguaauccaggauagggcugugcaggucccaaugggcuauucuugguuacuugcacggggacgc

.....uucaaguaa <u>uccagga</u> laggc.....	1	1	Z2_
.....uucaaguaa <u>Cccaggau</u> aggc.....	9	1	Z2_
.....uCaaguaa <u>uccaggau</u> aggc.....	8	1	Z2_
.....uucaaguaa <u>ucUaggau</u> aggc.....	10	1	Z2_
.....uucaaguaa <u>uccagg</u> Guaggc.....	7	1	Z2_
.....uucaagu <u>Gauccaggau</u> aggc.....	5	1	Z2_
.....uucaaguaa <u>uccUggau</u> aggc.....	26	1	Z2_
.....uucaag <u>Ca</u> u <u>uccaggau</u> aggc.....	89	1	Z2_
.....uucaaguaa <u>uccagU</u> uaggc.....	4	1	Z2_
.....uucaaguaa <u>uccaggau</u> Uggcu.....	28	1	Z2_
.....uucaaguaa <u>uccagg</u> Guaggc.....	111	1	Z2_
.....uucaaguaa <u>uccaggau</u> AGcu.....	17	1	Z2_
.....uucaa <u>Lu</u> aa <u>uccaggau</u> aggc.....	26	1	Z2_
.....uAcaaguaa <u>uccaggau</u> aggc.....	32	1	Z2_
.....uucaaguaa <u>uccaggau</u> Gggcu.....	100	1	Z2_
.....uucaaguaa <u>uccaggau</u> agg <u>Lu</u>	13	1	Z2_
.....uucaaguaa <u>uA</u> ccaggauaggc.....	19	1	Z2_
.....uuGaaguaa <u>uccaggau</u> aggc.....	2	1	Z2_
.....uucaaguaa <u>uccaggau</u> agggG.....	211	1	Z2_
.....uucG <u>agu</u> aa <u>uccaggau</u> aggc.....	148	1	Z2_
.....uucaG <u>ua</u> aa <u>uccaggau</u> aggc.....	123	1	Z2_
.....uucaag <u>Gaa</u> u <u>uccaggau</u> aggc.....	7	1	Z2_
.....uucaaguaa <u>ucca</u> U <u>gu</u> aggc.....	10	1	Z2_
.....uucaaguaa <u>ucc</u> C <u>g</u> uaggc.....	9	1	Z2_
.....Cucaaguaa <u>uccaggau</u> aggc.....	185	1	Z2_
.....uucaag <u>Aaa</u> u <u>uccaggau</u> aggc.....	7	1	Z2_
.....uucaaguaa <u>uccagU</u> uaggc.....	11	1	Z2_
.....uucaaguaa <u>uA</u> ggauaggc.....	16	1	Z2_
.....uucaaguaa <u>uccagga</u> Gaggc.....	6	1	Z2_
.....uucaaguaa <u>uccaggau</u> agg <u>Gu</u>	6	1	Z2_
.....Gucaaguaa <u>uccaggau</u> aggc.....	7	1	Z2_
.....uucaaguaa <u>Cccaggau</u> aggc.....	127	1	Z2_
.....uucaaguaa <u>uccaggau</u> agggC.....	2171	1	Z2_
.....uCaaguaa <u>uccaggau</u> aggc.....	158	1	Z2_
.....uucC <u>agu</u> aa <u>uccaggau</u> aggc.....	7	1	Z2_
.....uucaaguaa <u>uccagA</u> uaggc.....	28	1	Z2_
.....Aucaaguaa <u>uccaggau</u> aggc.....	50	1	Z2_
.....uuUaaguaa <u>uccaggau</u> aggc.....	27	1	Z2_
.....uucaaguaa <u>uccaggau</u> Cggcu.....	9	1	Z2_
.....uucaagu <u>Gau</u> ccaggauaggc.....	61	1	Z2_
.....uucaagua <u>Gucc</u> aggauaggc.....	119	1	Z2_
.....uucaaguaa <u>uccaggau</u> aggU.....	90	1	Z2_
.....uucaagua <u>Cucc</u> aggauaggc.....	6	1	Z2_
.....uucaaguaa <u>ucca</u> Agauaggc.....	42	1	Z2_
.....uucaaguaa <u>Gcc</u> aggauaggc.....	2	1	Z2_
.....uucaaguaa <u>uccaggau</u> Ugcu.....	2	1	Z2_
.....uucaaguaa <u>uccGggau</u> aggc.....	112	1	Z2_
.....uucaaguaa <u>uG</u> aggauaggc.....	7	1	Z2_
.....uucaaguaa <u>uccagga</u> laggc.....	7	1	Z2_
.....uGcaaguaa <u>uccaggau</u> aggc.....	5	1	Z2_
.....uucaaguaa <u>ucG</u> aggauaggc.....	2	1	Z2_
.....uucaaguaa <u>uccag</u> Cauaggc.....	1	1	Z2_
.....uucaaguaa <u>uccaggau</u> ag <u>Acu</u>	42	1	Z2_
.....uucaaguaa <u>uccagg</u> Cuaggc.....	5	1	Z2_
.....uucaagua <u>Uucc</u> aggauaggc.....	8	1	Z2_
.....uucaagu <u>Uau</u> ccaggauaggc.....	9	1	Z2_
.....uucaa <u>Uua</u> u <u>uccaggau</u> aggc.....	12	1	Z2_
.....uucaaguaa <u>uccaggau</u> agUcu.....	2	1	Z2_
.....uucaaguaa <u>uccaggau</u> aggc.....	26501	0	Z2_
.....uucU <u>agu</u> aa <u>uccaggau</u> aggc.....	30	1	Z2_
.....uucaaguaa <u>uccaggau</u> ACgcu.....	2	1	Z2_
.....uucaaguaa <u>uccaggau</u> agggA.....	922	1	Z2_
.....uucaaguaa <u>ucca</u> C <u>g</u> uaggc.....	4	1	Z2_
.....uucaaguaa <u>ucU</u> aggauaggc.....	398	1	Z2_
.....uucaaguaa <u>uccaggau</u> agCcu.....	3	1	Z2_
.....uucaaguaa <u>uU</u> aggauaggc.....	107	1	Z2_
.....uucaaguaa <u>Acc</u> aggauaggc.....	14	1	Z2_
.....uucaU <u>gua</u> u <u>uccaggau</u> aggc.....	11	1	Z2_
.....uucaagu <u>Ca</u> u <u>uccaggau</u> aggc.....	4	1	Z2_

guggccucguuucaaguaauccaggauaggcuguccagguccaaugggccuauucugguuacuugcaggggacgc

..... uucaaguaa <u>uccagga</u> Caggu.....	56	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguU.....	662	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguA.....	54	1	Z2_
..... uucaaguaa <u>uccagg</u> GuagguC.....	1	1	Z2_
..... uucUaguaa <u>uccagga</u> uagguC.....	1	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguC.....	54	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguC.....	49	0	Z2_
..... uucaaguaa <u>uccagga</u> uagguCu.....	7	1	Z2_
..... uucaaguU <u>auccagga</u> uagguC.....	1	1	Z2_
..... uucaagA <u>auccagga</u> uagguC.....	1	1	Z2_
..... Aucaaguaa <u>uccagga</u> uagguC.....	2	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguC.....	9	1	Z2_
..... uucaaguaa <u>uccagga</u> uA <u>gcu</u>	1	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguC.....	92	0	Z2_
..... uucaaguaa <u>uccagga</u> uagguU.....	353	1	Z2_
..... uucaG <u>uaa</u> uccaggauagguC.....	1	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguU.....	1	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguA.....	83	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguG.....	2	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguA.....	1	1	Z2_
..... uucaaguaa <u>uccagga</u> uagguA.....	51	1	Z2_
..... ucaaguaa <u>uccagga</u> uagC.....	1	1	Z2_
..... ucaaguaa <u>uccagga</u> uag.....	6	0	Z2_
..... ucaaguaa <u>uccagga</u> uag.....	3	0	Z2_
..... ucaaguaa <u>uccagga</u> uaggu.....	72	0	Z2_
..... Ccaaguaa <u>uccagga</u> uaggu.....	2	1	Z2_
..... ucaG <u>uaa</u> uccaggauaggu.....	1	1	Z2_
..... ucaaguaa <u>uccagga</u> uagguC.....	9	1	Z2_
..... ucaagC <u>aa</u> uccaggauaggu.....	2	1	Z2_
..... ucaaguaa <u>uccagga</u> uagguA.....	4	1	Z2_
..... ucaaguaa <u>uccagga</u> uagguC.....	2	0	Z2_
..... ucaaguaa <u>uccagga</u> uagguC.....	1	1	Z2_
..... ccua <u>uuc</u> ugguuacuugcag.....	2	0	Z2_
..... Cucaaguaa <u>uccagga</u> uaggu.....	3	1	Z3_
..... uucaU <u>guaa</u> uccaggua.....	1	1	Z3_
..... uCcaaguaa <u>uccaggua</u>	1	1	Z3_
..... uucaagG <u>aa</u> uccaggua.....	2	1	Z3_
..... uucaaguaa <u>ucca</u> A <u>gua</u>	2	1	Z3_
..... uucaaguaa <u>uu</u> A <u>aggua</u>	1	1	Z3_
..... uucaaguaa <u>uccaggua</u>	37	0	Z3_
..... uucaaguaa <u>uccaggua</u>	2	1	Z3_
..... uuUaaguaa <u>uccaggua</u>	2	1	Z3_
..... uucaA <u>uaa</u> uccaggua.....	1	1	Z3_
..... uucaaguaa <u>uccaggua</u>	17	0	Z3_
..... uucaaguaa <u>uccaggua</u> A.....	2	1	Z3_
..... uucaG <u>uaa</u> uccaggua.....	1	1	Z3_
..... uucaaguaa <u>uccaggua</u> A.....	248	1	Z3_
..... uucaaguaa <u>uccaggua</u> A <u>g</u>	7	1	Z3_
..... uucaC <u>guaa</u> uccaggua.....	2	1	Z3_
..... uucaagC <u>aa</u> uccaggua.....	10	1	Z3_
..... uucaaguaa <u>uccagga</u> Cag.....	10	1	Z3_
..... uucG <u>uaa</u> uccaggua.....	14	1	Z3_
..... uucaaguaa <u>ucca</u> U <u>gua</u>	1	1	Z3_
..... uucaaguaa <u>uccaggua</u> G.....	13	1	Z3_
..... uucUa <u>guaa</u> uccaggua.....	2	1	Z3_
..... Gucaaguaa <u>uccaggua</u>	2	1	Z3_
..... uuAaaguaa <u>uccaggua</u>	1	1	Z3_
..... uucaG <u>uaa</u> uccaggua.....	20	1	Z3_
..... uucaaguaG <u>uccaggua</u>	17	1	Z3_
..... uCcaaguaa <u>uccaggua</u>	34	1	Z3_
..... uucaaguaa <u>uccag</u> A <u>ua</u>	5	1	Z3_
..... uucaA <u>uaa</u> uccaggua.....	7	1	Z3_
..... uucaaguaa <u>uccaggua</u>	4126	0	Z3_
..... uucaaguaa <u>uccaggua</u> U.....	3	1	Z3_
..... uucaaguaa <u>uccagga</u> Gag.....	1	1	Z3_
..... uuUaaguaa <u>uccaggua</u>	9	1	Z3_
..... uucaaguaa <u>ucc</u> U <u>gga</u>	5	1	Z3_
..... uucaU <u>guaa</u> uccaggua.....	8	1	Z3_

guggccucguucaaguaauccagguaggcugucgaggucccaaugggccuaaucugguuacugcacggggacgc

.....uAcaagua <u>u</u> ccagg <u>u</u> ag <u>g</u>	10	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccCgg <u>u</u> ag <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>U</u> ag <u>g</u>	20	1	Z3_
.....Cucaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u>	27	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> aCg.....	2	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> Gcagg <u>u</u> ag <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccaAg <u>u</u> ag <u>g</u>	6	1	Z3_
.....u <u>u</u> caag <u>u</u> U <u>u</u> ccagg <u>u</u> ag <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>a</u> Agg.....	2	1	Z3_
.....u <u>u</u> cCag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> cUagg <u>u</u> ag <u>g</u>	7	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> aUg.....	2	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccGgg <u>u</u> ag <u>g</u>	13	1	Z3_
.....u <u>u</u> caag <u>u</u> aaCccagg <u>u</u> ag <u>g</u>	23	1	Z3_
.....Aucaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u>	16	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> agU.....	37	1	Z3_
.....u <u>u</u> caag <u>u</u> G <u>u</u> ccagg <u>u</u> ag <u>g</u>	13	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccaggCuag <u>g</u>	2	1	Z3_
.....u <u>u</u> caag <u>u</u> A <u>u</u> ccagg <u>u</u> ag <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> agC.....	13	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccaCg <u>u</u> ag <u>g</u>	3	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccaAg <u>u</u> ag <u>g</u> c.....	2	1	Z3_
.....u <u>u</u> cGag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	3	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> A <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>U</u> ag <u>g</u> c.....	3	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> cUagg <u>u</u> ag <u>g</u> c.....	5	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccGgg <u>u</u> ag <u>g</u> c.....	8	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> agUc.....	2	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> U.....	244	1	Z3_
.....uuUaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>a</u> Cag <u>g</u> c.....	2	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	1068	0	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccUgg <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....uCcaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	9	1	Z3_
.....u <u>u</u> caUg <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....u <u>u</u> caagC <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	3	1	Z3_
.....uAcaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	2	1	Z3_
.....u <u>u</u> caag <u>u</u> A <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....u <u>u</u> caGg <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	5	1	Z3_
.....u <u>u</u> caag <u>u</u> aG <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	5	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> aAgc.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccaggCuag <u>g</u> c.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> Ug <u>g</u> c.....	1	1	Z3_
.....uGcaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	2	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccag <u>u</u> ag <u>g</u> c.....	3	1	Z3_
.....u <u>u</u> caa <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> Ucagg <u>u</u> ag <u>g</u> c.....	447	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagU <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> agAc.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> A.....	38	1	Z3_
.....u <u>u</u> cUag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....Aucaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> Ug <u>g</u> c.....	4	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> G.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aaCccagg <u>u</u> ag <u>g</u> c.....	4	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> aUg <u>g</u> c.....	1	1	Z3_
.....Cucaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> c.....	6	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagC <u>u</u> ag <u>g</u> cu.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccaCg <u>u</u> ag <u>g</u> cu.....	4	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>U</u> ag <u>g</u> cu.....	82	1	Z3_
.....Aucaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> cu.....	27	1	Z3_
.....u <u>u</u> caag <u>u</u> G <u>u</u> ccagg <u>u</u> ag <u>g</u> cu.....	46	1	Z3_
.....uuGaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> cu.....	2	1	Z3_
.....u <u>u</u> caag <u>u</u> aaGccagg <u>u</u> ag <u>g</u> cu.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccGgg <u>u</u> ag <u>g</u> cu.....	6	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> cC.....	1798	1	Z3_
.....uAcaag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> cu.....	27	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> cu.....	1	1	Z3_
.....u <u>u</u> caag <u>u</u> aa <u>u</u> ccagg <u>u</u> ag <u>g</u> Uu.....	58	1	Z3_

guggccucguucaaguaaccaggauaggcugugcaggucccaaugggccuaucuugguacuugcaggggacgc

.....uucUagua <u>aa</u> accagga <u>ua</u> ggcu.....	16	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcG.....	166	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> gg <u>G</u>	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>la</u> ggcu.....	5	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> U <u>g</u> cu.....	7	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> gU <u>g</u> cu.....	4	1	Z3_
.....u <u>u</u> caag <u>ua</u> acc <u>ca</u> U <u>g</u> ua <u>g</u> ggcu.....	4	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggU <u>ua</u> ggcu.....	15	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggA <u>ua</u> ggcu.....	15	1	Z3_
.....u <u>u</u> caag <u>ua</u> accU <u>g</u> g <u>ua</u> ggcu.....	17	1	Z3_
.....u <u>u</u> caagG <u>aa</u> accagga <u>ua</u> ggcu.....	4	1	Z3_
.....u <u>u</u> ca <u>aa</u> U <u>aa</u> accagga <u>ua</u> ggcu.....	12	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggaG <u>ag</u> ggcu.....	6	1	Z3_
.....u <u>u</u> caC <u>g</u> ua <u>u</u> accagga <u>ua</u> ggcu.....	5	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggaU <u>g</u> ggcu.....	63	1	Z3_
.....u <u>u</u> caag <u>ua</u> C <u>u</u> accagga <u>ua</u> ggcu.....	5	1	Z3_
.....u <u>u</u> A <u>aa</u> g <u>ua</u> accagga <u>ua</u> ggcu.....	2	1	Z3_
.....u <u>u</u> caag <u>ua</u> accG <u>g</u> g <u>ua</u> ggcu.....	76	1	Z3_
.....u <u>u</u> cG <u>ag</u> ua <u>u</u> accagga <u>ua</u> ggcu.....	110	1	Z3_
.....u <u>u</u> ca <u>ag</u> uC <u>au</u> ccagga <u>ua</u> ggcu.....	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggaU <u>g</u> ggcu.....	15	1	Z3_
.....uG <u>ca</u> g <u>ua</u> accagga <u>ua</u> ggcu.....	2	1	Z3_
.....u <u>u</u> ca <u>aa</u> U <u>ua</u> accagga <u>ua</u> ggcu.....	6	1	Z3_
.....u <u>u</u> ca <u>aa</u> C <u>ua</u> accagga <u>ua</u> ggcu.....	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcu.....	18165	0	Z3_
.....u <u>u</u> caag <u>ua</u> C <u>cc</u> agga <u>ua</u> ggcu.....	74	1	Z3_
.....u <u>u</u> caag <u>ua</u> uG <u>c</u> agga <u>ua</u> ggcu.....	2	1	Z3_
.....u <u>u</u> caag <u>ua</u> acc <u>ca</u> Ag <u>ua</u> ggcu.....	21	1	Z3_
.....G <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcu.....	11	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggaC <u>ag</u> ggcu.....	47	1	Z3_
.....u <u>u</u> caagA <u>aa</u> accagga <u>ua</u> ggcu.....	4	1	Z3_
.....u <u>u</u> caU <u>g</u> ua <u>u</u> accagga <u>ua</u> ggcu.....	13	1	Z3_
.....u <u>u</u> caag <u>ua</u> uU <u>c</u> agga <u>ua</u> ggcu.....	58	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggaU <u>g</u> ggcu.....	4	1	Z3_
.....u <u>u</u> caag <u>ua</u> Gu <u>c</u> agga <u>ua</u> ggcu.....	210	1	Z3_
.....u <u>u</u> caag <u>ua</u> G <u>u</u> ccagga <u>ua</u> ggcu.....	87	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggA <u>u</u>	6	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggC <u>ua</u> ggcu.....	7	1	Z3_
.....uC <u>ca</u> g <u>ua</u> accagga <u>ua</u> ggcu.....	109	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> gC <u>cu</u>	3	1	Z3_
.....u <u>u</u> caag <u>ua</u> A <u>cc</u> agga <u>ua</u> ggcu.....	7	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> Ag <u>cu</u>	14	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> gA <u>cu</u>	28	1	Z3_
.....C <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcu.....	118	1	Z3_
.....u <u>u</u> A <u>aa</u> g <u>ua</u> accagga <u>ua</u> ggcu.....	19	1	Z3_
.....u <u>u</u> caagC <u>aa</u> accagga <u>ua</u> ggcu.....	47	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcA <u>.....</u>	845	1	Z3_
.....u <u>u</u> caag <u>ua</u> U <u>u</u> ccagga <u>ua</u> ggcu.....	12	1	Z3_
.....u <u>u</u> caag <u>ua</u> U <u>au</u> ccagga <u>ua</u> ggcu.....	4	1	Z3_
.....u <u>u</u> caag <u>ua</u> accAgg <u>ua</u> ggcu.....	14	1	Z3_
.....u <u>u</u> caG <u>ua</u> accagga <u>ua</u> ggcu.....	85	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> C <u>g</u> cu.....	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> uA <u>cc</u> agga <u>ua</u> ggcu.....	8	1	Z3_
.....u <u>u</u> cC <u>ag</u> ua <u>u</u> accagga <u>ua</u> ggcu.....	2	1	Z3_
.....u <u>u</u> caag <u>ua</u> accaggG <u>ua</u> ggcu <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> uU <u>c</u> agga <u>ua</u> ggcu <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcuC <u>.....</u>	50	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> gC <u>cu</u> g.....	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcu <u>g</u>	20	0	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcuA <u>.....</u>	44	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcuU <u>.....</u>	534	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggU <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcu <u>g</u>	65	0	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcuA <u>u</u>	73	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcuU <u>u</u>	336	1	Z3_
.....u <u>u</u> caag <u>ua</u> accGg <u>ua</u> ggcu <u>g</u>	1	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcuC <u>u</u>	7	1	Z3_
.....u <u>u</u> caag <u>ua</u> accagga <u>ua</u> ggcuG <u>u</u> A <u>.....</u>	48	1	Z3_
.....uC <u>ca</u> g <u>ua</u> accagga <u>ua</u> ggcu <u>g</u>	1	1	Z3_

guggccucguucaaguaauccaggauaggcugugcagguccaaugggcuauucugguacuugcacggggacgc

.....Cucaaguaa <u>uccaggauaggcu</u> g.....	2	1	Z3_
.....uucaagua <u>Guccaggauaggcu</u> g.....	1	1	Z3_
.....uucaaguaa <u>Cccaggauaggcu</u> g.....	1	1	Z3_
.....uucaaguaa <u>uccaggauaggcu</u> gC.....	3	1	Z3_
.....uuc <u>aGuaa</u> <u>uccaggauaggcu</u> g.....	2	1	Z3_
.....uucaaguaa <u>uccaggauaggcu</u> Aug.....	4	1	Z3_
.....uucaaguaa <u>uccaggauaggcu</u> gCg.....	3	1	Z3_
.....u <u>caagua</u> <u>uccaggauagg</u>	3	0	Z3_
.....u <u>caagua</u> <u>uccagga</u> Agg.....	1	1	Z3_
.....u <u>caagua</u> <u>uccaggauaggc</u>	1	0	Z3_
.....u <u>caagua</u> <u>ucUaggauaggcu</u>	1	1	Z3_
.....u <u>caagua</u> <u>uccaggauaggc</u> A.....	1	1	Z3_
.....u <u>caagua</u> <u>Cccaggauaggcu</u>	1	1	Z3_
.....C <u>caagua</u> <u>uccaggauaggcu</u>	1	1	Z3_
.....u <u>caagua</u> <u>uccagga</u> Aggcu.....	1	1	Z3_
.....u <u>caagua</u> <u>uccaggauaggc</u> G.....	1	1	Z3_
.....u <u>caagua</u> <u>uccaggauaggc</u> C.....	7	1	Z3_
.....u <u>caagua</u> <u>uccaggauaggcu</u>	63	0	Z3_
.....u <u>caagua</u> <u>uccaggGuaggcu</u>	2	1	Z3_
.....u <u>caagua</u> <u>uccagguaUgcu</u>	1	1	Z3_
.....u <u>caagua</u> <u>uccaggauaggcu</u> g.....	1	0	Z3_
.....u <u>caagua</u> <u>uccaggauaggcu</u> U.....	2	1	Z3_
..... <u>caagua</u> <u>uccaggauaggcu</u>	1	0	Z3_
..... <u>aagua</u> <u>uccaggauaggcu</u>	1	0	Z3_