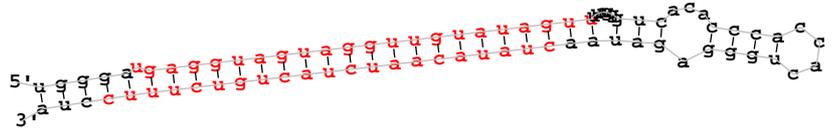


miRBase precursor : hsa-let-7a-1
 Total read count : 402506
 hsa-let-7a-5p read count : 402468
 hsa-let-7a-3p read count : 24
 remaining reads : 14



hsa-let-7a-5p

hsa-let-7a-3p

5' -	reads	mm	sample
ugggaugagguaguagguuuuagggucacaccacaccacugggagauaacuauacaauacuugucuuuccua			
((((((((((((((((((((((((.....(((.....))))))))))))))))))))))))))))))))))))))			
...Cugagguaguagguuuguauagu...	2	1	Z3_
...Cugagguaguagguuuguauagu...	2	1	Z3_
...augagguaguagguuuguauagu...	1	0	Z3_
...ugaggAaguagguuguau...	2	1	Z3_
...ugagguaguagguCguau...	8	1	Z3_
...ugagguaguagguuguauC...	68	1	Z3_
...ugaggGaguagguuguau...	1	1	Z3_
...ugagguaguagguAguau...	2	1	Z3_
...ugagguaguGgguuuguau...	2	1	Z3_
...ugagguaguCgguuuguau...	1	1	Z3_
...ugagguaguagUuuuguau...	263	1	Z3_
...uAagguaguagguuguau...	1	1	Z3_
...ugaggCaguagguuguau...	3	1	Z3_
...ugagguaguagguuguagG...	3	1	Z3_
...Cgagguaguagguuguau...	3	1	Z3_
...ugagguCguagguuguau...	1	1	Z3_
...ugagguaguagCuuguau...	1	1	Z3_
...ugagguagAagguuguau...	1	1	Z3_
...ugagguaguaUguuguau...	1	1	Z3_
...ugagguagCagguuguau...	7	1	Z3_
...Ggagguaguagguuguau...	1	1	Z3_
...ugagguaguagguugCau...	6	1	Z3_
...ugagguaguagguuguau...	966	0	Z3_
...ugUgguaguagguuguau...	2	1	Z3_
...ugagguaguagguuguauA...	21	1	Z3_
...ugagguaguagguCuguau...	3	1	Z3_
...ugagguaguagguuAuu...	2	1	Z3_
...ugaUguaguagguuguau...	1	1	Z3_
...Agagguaguagguuguau...	3	1	Z3_
...ugGgguaguagguuguau...	4	1	Z3_
...ugagguaguagguAguau...	2	1	Z3_
...ugagguCguagguuguaua...	1	1	Z3_
...ugagguaguagguuuguau...	2	1	Z3_
...ugagguaguagguuguauU...	1	1	Z3_

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaacaaucaucugucuuuccua

.....ugagguaguagguuguuaua.....	263	0	Z3_
.....ugagguaguagguCguaua.....	4	1	Z3_
.....ugagguaguagUuuuguaua.....	4	1	Z3_
.....Cgagguaguagguuguuaua.....	1	1	Z3_
.....ugagguaguagguugCaua.....	3	1	Z3_
.....ugagguaguagguuuuguaua.....	2	1	Z3_
.....ugagguaguagguCuguaa.....	1	1	Z3_
.....ugGgguaguagguuguuaua.....	2	1	Z3_
.....ugagguagAgguuuguuaua.....	1	1	Z3_
.....ugagguaguagguuuguauag.....	3	1	Z3_
.....ugagguaguagguuuguauag.....	1939	0	Z3_
.....ugagguaguagguuuguauag.....	1	1	Z3_
.....ugagguaguagguuuguauag.....	1	1	Z3_
.....uAgguaguagguuuguauag.....	2	1	Z3_
.....ugaggCaguagguuuguauag.....	6	1	Z3_
.....ugaUguaguagguuuguauag.....	1	1	Z3_
.....ugagguaguagguuuguauag.....	2	1	Z3_
.....ugagguaguagguuuguauag.....	8	1	Z3_
.....ugagguaguagguuuguauag.....	2	1	Z3_
.....ugagguaguagguCuguaa.....	13	1	Z3_
.....ugagguaguagguuuguauag.....	2	1	Z3_
.....ugagguaguagguuuguauag.....	6	1	Z3_
.....ugaggAaguagguuuguauag.....	1	1	Z3_
.....Agagguaguagguuuguauag.....	6	1	Z3_
.....Cgagguaguagguuuguauag.....	7	1	Z3_
.....ugagguaguagguuuguauag.....	7	1	Z3_
.....ugagguaguagguuuguauUg.....	6	1	Z3_
.....ugaAguaguagguuuguauag.....	3	1	Z3_
.....ugagguaguagguuuguauaU.....	18	1	Z3_
.....uUagguaguagguuuguauag.....	1	1	Z3_
.....ugagguaguagguuuguauag.....	2	1	Z3_
.....ugagguaguagguuuguauag.....	2	1	Z3_
.....ugagguaguagguCguauag.....	8	1	Z3_
.....ugagguaguagguuCuauag.....	2	1	Z3_
.....ugCgguaguagguuuguauag.....	1	1	Z3_
.....ugagguaguagguuuguauaC.....	1	1	Z3_
.....ugagguagAgguuuguauag.....	7	1	Z3_
.....ugUgguaguagguuuguauag.....	3	1	Z3_
.....ugagguaguagguuuguauaA.....	116	1	Z3_
.....ugagguaguagguuuguauaCag.....	5	1	Z3_
.....ugagguaguagguuuguauag.....	1	1	Z3_
.....ugagguCguagguuuguauag.....	2	1	Z3_
.....ugagguaguagguuuguauag.....	1	1	Z3_
.....ugagguaguauUguuuguauag.....	1	1	Z3_
.....ugGgguaguagguuuguauag.....	8	1	Z3_
.....ugagguCguagguuuguauag.....	13	1	Z3_
.....ugagguagCagguuuguauag.....	4	1	Z3_
.....Ggagguaguagguuuguauagu.....	15	1	Z3_
.....Agagguaguagguuuguauagu.....	38	1	Z3_
.....ugagguaguagguuuguauCgu.....	3	1	Z3_
.....ugagguaguagguuuguauagu.....	6	1	Z3_
.....ugagguaguauAgguuuguauagu.....	17	1	Z3_
.....Cgagguaguagguuuguauagu.....	59	1	Z3_
.....ugagguaguagguuuguauagu.....	15	1	Z3_
.....ugagguaguagguuuguauagu.....	18	1	Z3_
.....ugagguaguagguuuguauagu.....	3	1	Z3_
.....ugagguaguagguuuguauagu.....	8	1	Z3_
.....uAgguaguagguuuguauagu.....	23	1	Z3_
.....ugagguaguagguuuguauagu.....	6	1	Z3_
.....ugaggGaguagguuuguauagu.....	11	1	Z3_
.....ugagguaguagguuuguauagu.....	1	1	Z3_
.....ugagguaguagguuuguauagu.....	2	1	Z3_
.....ugagguaguagguuuguauagu.....	60	1	Z3_
.....ugagguaguauUguuuguauagu.....	1	1	Z3_
.....ugagguaguagguuuguauagu.....	3	1	Z3_
.....ugagguaguagguuuguauaCu.....	6	1	Z3_
.....ugCgguaguagguuuguauagu.....	3	1	Z3_
.....uCagguaguagguuuguauagu.....	3	1	Z3_
.....ugagguaguagguuuguauagu.....	9	1	Z3_

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaacaauacuugucuuuccua

.....ugagguaguagguuguuagA.....	233	1	Z3_
.....ugGgguaguagguuguuagu.....	90	1	Z3_
.....ugagguagCagguuguuagu.....	37	1	Z3_
.....ugagguaguGgguuguuagu.....	43	1	Z3_
.....ugagguaguagUuuguuagu.....	91	1	Z3_
.....ugagguauAaugguuguuagu.....	16	1	Z3_
.....ugagguaguagguugGauagu.....	2	1	Z3_
.....ugagguaguagguuguGuaagu.....	76	1	Z3_
.....ugagguauUuagguuguuagu.....	5	1	Z3_
.....ugagguaguagguCguuagu.....	67	1	Z3_
.....ugagguaguagCuuguuagu.....	6	1	Z3_
.....uUagguaguagguuguuagu.....	3	1	Z3_
.....ugagguaguagguuuAuuagu.....	28	1	Z3_
.....ugagguaguagguuguuuUgu.....	10	1	Z3_
.....ugUgguaguagguuguuagu.....	16	1	Z3_
.....ugagguaguagguuguuagC.....	1211	1	Z3_
.....ugagguaguagguGguuagu.....	3	1	Z3_
.....ugagguaguagguuguUuagu.....	8	1	Z3_
.....ugaUguaguagguuguuagu.....	6	1	Z3_
.....ugagguaguagguuguuaCagu.....	39	1	Z3_
.....ugagguCguagguuguuagu.....	10	1	Z3_
.....ugagguGguagguuguuagu.....	46	1	Z3_
.....ugaAguaguagguuguuagu.....	22	1	Z3_
.....ugagguaguagguAguuagu.....	15	1	Z3_
.....ugagguaguagguuguCuagu.....	4	1	Z3_
.....ugagguaguagguuuCuauagu.....	3	1	Z3_
.....ugagguaguagguCuuguuagu.....	81	1	Z3_
.....ugagguaguuaCguuguuagu.....	1	1	Z3_
.....ugagguaguagguuguuaAu.....	20	1	Z3_
.....ugagguAguagguuguuagu.....	9	1	Z3_
.....ugagguCaguagguuguuagu.....	33	1	Z3_
.....ugagguagAagguuguuagu.....	7	1	Z3_
.....ugagguaguagguuguuaUu.....	6	1	Z3_
.....ugagCuaguagguuguuagu.....	3	1	Z3_
.....ugagguaguagguuguuagu.....	15184	0	Z3_
.....ugagguaguagguuguuagG.....	58	1	Z3_
.....uUagguaguagguuguuaguuu.....	1	1	Z3_
.....ugagguaguagguuguuuCguu.....	2	1	Z3_
.....ugagguaguagguuguGuaugu.....	87	1	Z3_
.....ugagguUguagguuguuaguuu.....	9	1	Z3_
.....ugagguaguagguuguuaguuC.....	1632	1	Z3_
.....ugagguaguGgguuguuaguuu.....	59	1	Z3_
.....ugagguaguagguuguuaUuu.....	2	1	Z3_
.....ugagguaguagguuguuUuagu.....	6	1	Z3_
.....ugagguaguagguugGuaugu.....	5	1	Z3_
.....ugagguaguagguuguuaguuuA.....	355	1	Z3_
.....ugagguaguagguuuAuauagu.....	25	1	Z3_
.....uAagguaguagguuguuaguuu.....	25	1	Z3_
.....ugagguCaguagguuguuaguuu.....	32	1	Z3_
.....ugagguaguagUuuguuaguuu.....	128	1	Z3_
.....ugagguaguCgguuguuaguuu.....	1	1	Z3_
.....ugagguaguagguuuAuauagu.....	2	1	Z3_
.....ugUgguaguagguuguuaguuu.....	15	1	Z3_
.....ugagCuaguagguuguuaguuu.....	3	1	Z3_
.....ugagguGguagguuguuaguuu.....	37	1	Z3_
.....ugagguaguagguCuuguuaguuu.....	56	1	Z3_
.....ugagguagCagguuguuaguuu.....	30	1	Z3_
.....Ggagguaguagguuguuaguuu.....	5	1	Z3_
.....ugagguaguagguuAguuaguuu.....	23	1	Z3_
.....ugagguaguagCuuguuaguuu.....	5	1	Z3_
.....Cgagguaguagguuguuaguuu.....	82	1	Z3_
.....ugagguaguagguuguuaAguuu.....	5	1	Z3_
.....ugagAuaguagguuguuaguuu.....	20	1	Z3_
.....ugagguaguagguuuCuauaguuu.....	5	1	Z3_
.....ugagguaguauUguuguuaguuu.....	5	1	Z3_
.....ugagguaguagguGuuaguuu.....	6	1	Z3_
.....ugagguagAagguuguuaguuu.....	26	1	Z3_
.....ugCgguaguagguuguuaguuu.....	4	1	Z3_
.....ugagguCguagguuguuaguuu.....	12	1	Z3_

ugggaugagguaguagguuguuaguuuuaggguccacacccaccacugggagauaacuaucacucugucuuuccua

.....ugagguaguagguugAauaguu.....	10	1	Z3_
.....ugagguauUuagguuuguaauaguu.....	9	1	Z3_
.....ugagguaguagguuuguaGaguu.....	5	1	Z3_
.....ugagguAaguagguuuguaauaguu.....	8	1	Z3_
.....ugagguaguagguAguuaauaguu.....	13	1	Z3_
.....ugagguaguagguuuguaauagCu.....	75	1	Z3_
.....ugagguauAauagguuuguaauaguu.....	22	1	Z3_
.....ugagguGaguagguuuguaauaguu.....	13	1	Z3_
.....ugaCguaguagguuuguaauaguu.....	2	1	Z3_
.....ugagguaguagguuuguaauagGu.....	29	1	Z3_
.....ugGguaguagguuuguaauaguu.....	111	1	Z3_
.....uCagguaguagguuuguaauaguu.....	1	1	Z3_
.....ugagguaguagguGguauaguu.....	9	1	Z3_
.....ugagguaguagguuugCauaguu.....	68	1	Z3_
.....ugagguaguagguuuguaauaguG.....	69	1	Z3_
.....ugaAguaguagguuuguaauaguu.....	28	1	Z3_
.....ugagguaguagguuuguaauagAu.....	5	1	Z3_
.....ugagguaguagguCguauaguu.....	80	1	Z3_
.....ugagguaguagguuuguaauUguu.....	12	1	Z3_
.....ugagguaguagguuuguaauAuu.....	9	1	Z3_
.....Agagguaguagguuuguaauaguu.....	39	1	Z3_
.....ugagguaguauAguuuguaauaguu.....	23	1	Z3_
.....ugagguaguagguuuguaauaguu.....	16925	0	Z3_
.....ugagguaguUgguuuguaauaguu.....	16	1	Z3_
.....ugaUguaguagguuuguaauaguu.....	7	1	Z3_
.....ugagguaguagguuuguaCaguu.....	73	1	Z3_
.....ugagguaguagguuuguaauaguuG.....	34	1	Z3_
.....ugagguaguagguuuguaauaguuu.....	243	0	Z3_
.....ugGguaguagguuuguaauaguuu.....	1	1	Z3_
.....ugagguaguagguuuguaauaguuA.....	97	1	Z3_
.....ugagguaguagguuuguaauaguuC.....	12	1	Z3_
.....ugagguaguagguuAguuaauaguu.....	1	1	Z3_
.....ugagguaguagguuuguaauagCu.....	2	1	Z3_
.....ugagguCaguagguuuguaauaguuu.....	2	1	Z3_
.....ugagguaguagguuuguaauagGu.....	5	1	Z3_
.....ugagguaguagguuugGuaguu.....	2	1	Z3_
.....ugaagguaguagguCguauaguu.....	1	1	Z3_
.....ugagguagCagguuuguaauaguu.....	1	1	Z3_
.....Cgagguaguagguuuguaauaguu.....	2	1	Z3_
.....ugagguagGagguuuguaauaguuu.....	6	1	Z3_
.....ugagguaguagguuugCauaguuu.....	2	1	Z3_
.....ugagguGguagguuuguaauaguu.....	2	1	Z3_
.....ugagguaguagguuuguaauaguuuC.....	1	1	Z3_
.....ugagguaguagguuuguaauaguuuu.....	6	0	Z3_
.....ugagguaguagguuuguaauaguuAu.....	3	1	Z3_
.....ugagguaguagguuuguaauaguuuu.....	1	0	Z3_
.....ugagguaguagguuuguaauaguuuuU.....	4	1	Z3_
.....gagguaguagguuuguaauagu.....	3	0	Z3_
.....gagguaguagguuuguaauaguu.....	4	0	Z3_
.....agguaguagguuuguaauaguu.....	2	0	Z3_
.....gguaguagguuuguaauaguu.....	2	0	Z3_
.....uaguagguuuguaauaguuuuaggg.....	1	0	Z3_
.....uaguGguuuguaauaguuuuaggg.....	1	1	Z3_
.....uuagggucacacccaccacuggga.....	1	0	Z3_
.....cuauacGaucuacugucuuu.....	3	1	Z3_
.....cuauacauuauacugucuuu.....	1	1	Z3_
.....Aaugagguaguagguuuguaauag.....	1	1	Z1_
.....Aaugagguaguagguuuguaauaguu.....	2	1	Z1_
.....augagguaguagguuuguaauagu.....	4	0	Z1_
.....Cugagguaguagguuuguaauagu.....	7	1	Z1_
.....Cugagguaguagguuuguaauaguu.....	4	1	Z1_
.....ugagguaguGgguuugua.....	15	1	Z1_
.....ugaUguaguagguuuguaau.....	3	1	Z1_
.....Agagguaguagguuuguaau.....	3	1	Z1_
.....ugagCuaguagguuuguaau.....	1	1	Z1_
.....ugCgguaguagguuuguaau.....	1	1	Z1_
.....ugagguaguagguAguua.....	1	1	Z1_
.....ugagguaguagguuuguaA.....	17	1	Z1_

ugggaugagguaguagguuguaguuuuagggucacacccaccacugggagauaacuaaacaucucugucuuuccua

.....Cgagguaguagguuguau.....	9	1	Z1_
.....ugagguauUuagguuguau.....	1	1	Z1_
.....ugagguCguagguuguau.....	1	1	Z1_
.....Ggagguaguagguuguau.....	5	1	Z1_
.....ugagguGguagguuguau.....	3	1	Z1_
.....ugaggCaguagguuguau.....	6	1	Z1_
.....uUagguaguagguuguau.....	3	1	Z1_
.....ugagguaguagUuuguau.....	528	1	Z1_
.....uAagguaguagguuguau.....	2	1	Z1_
.....ugagguagCagguuguau.....	4	1	Z1_
.....ugagguaguUgguuguau.....	1	1	Z1_
.....ugagguaguagguuguau.....	3	1	Z1_
.....ugagguaguagguuAguau.....	1	1	Z1_
.....ugagguaguagguuCu.....	1	1	Z1_
.....ugagguaguagguGuguau.....	2	1	Z1_
.....ugagguaguagguuAuu.....	2	1	Z1_
.....ugagguaguagguuCa.....	6	1	Z1_
.....ugaggAguagguuguau.....	1	1	Z1_
.....ugagguaguagguuguau.....	2492	0	Z1_
.....ugGgguaguagguuguau.....	10	1	Z1_
.....ugagguaguauUguuguau.....	1	1	Z1_
.....ugagguaguagguCuguau.....	11	1	Z1_
.....ugagguaguagguuguauG.....	5	1	Z1_
.....ugagguaguagguCguau.....	13	1	Z1_
.....ugagguagAagguuguau.....	4	1	Z1_
.....ugUgguaguagguuguau.....	2	1	Z1_
.....ugagguaguagguuguauC.....	159	1	Z1_
.....ugagguauAagguuguau.....	3	1	Z1_
.....ugaAguaguagguuguau.....	2	1	Z1_
.....ugagguaguagguuguGua.....	9	1	Z1_
.....ugaggCaguagguuguaua.....	1	1	Z1_
.....ugagguaguagUuuguaua.....	1	1	Z1_
.....ugagguaguagguuguauGa.....	1	1	Z1_
.....uAagguaguagguuguaua.....	2	1	Z1_
.....Ggagguaguagguuguaua.....	1	1	Z1_
.....ugagguaguagguCuguaua.....	3	1	Z1_
.....ugaggAguagguuguaua.....	1	1	Z1_
.....ugagguaguagguuAguaua.....	1	1	Z1_
.....ugagguaguGgguuguaua.....	1	1	Z1_
.....Cgagguaguagguuguaua.....	2	1	Z1_
.....ugagguaguagguCguaua.....	5	1	Z1_
.....ugagguaguagCuuguaua.....	1	1	Z1_
.....ugagguaguagguuguaua.....	603	0	Z1_
.....ugagguagAagguuguaua.....	2	1	Z1_
.....ugagguaguagguAguaua.....	1	1	Z1_
.....ugagguCguagguuguaua.....	2	1	Z1_
.....ugGgguaguagguuguaua.....	3	1	Z1_
.....ugagguaguagguuguauCa.....	3	1	Z1_
.....ugagguagCagguuguaua.....	2	1	Z1_
.....ugagguaguauAguuguaua.....	1	1	Z1_
.....ugagguauAagguuguaua.....	2	1	Z1_
.....ugUgguaguagguuguaua.....	2	1	Z1_
.....ugagguaguagguuguaua.....	1	1	Z1_
.....ugagguagAagguuguauag.....	1	1	Z1_
.....ugagguaguGgguuguauag.....	3	1	Z1_
.....ugagguaguagguuguauUg.....	1	1	Z1_
.....ugagguaguagguCuguauag.....	7	1	Z1_
.....ugaggGaguagguuguauag.....	3	1	Z1_
.....ugagguaguagguuguauaC.....	7	1	Z1_
.....ugagguaguagguuUuauag.....	2	1	Z1_
.....ugagguaguagguuguauAag.....	2	1	Z1_
.....ugagguauUuagguuguauag.....	1	1	Z1_
.....ugagguaguagguuAguauag.....	5	1	Z1_
.....ugagguagCagguuguauag.....	5	1	Z1_
.....ugagguauAagguuguauag.....	3	1	Z1_
.....ugagguaguagguuguauCag.....	5	1	Z1_
.....ugagguaguagguCguauag.....	19	1	Z1_
.....Ggagguaguagguuguauag.....	4	1	Z1_
.....ugGgguaguagguuguauag.....	13	1	Z1_

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaaacaucucugucuuuccua

.....ugagluaguagguuguuauag.....	6	1	Z1_
.....ugagguaguagguaguauag.....	2	1	Z1_
.....ugagguaguagguugCauag.....	10	1	Z1_
.....ugagguaguagguuuguUuag.....	2	1	Z1_
.....ugagguaguagguuuguGuag.....	13	1	Z1_
.....ugagguGguagguuuguauag.....	9	1	Z1_
.....ugagguAguagguuuguauag.....	1	1	Z1_
.....ugagguaguagUuuguauag.....	3	1	Z1_
.....Cgagguaguagguuuguauag.....	11	1	Z1_
.....ugagguaguagguuuguauaA.....	116	1	Z1_
.....ugagguaguauUguuuguauag.....	1	1	Z1_
.....ugagguaguagguuuguauag.....	2669	0	Z1_
.....Agagguaguagguuuguauag.....	5	1	Z1_
.....ugagguCaguagguuuguauag.....	8	1	Z1_
.....uAagguaguagguuuguauag.....	3	1	Z1_
.....ugagguaguagguuuguauaU.....	7	1	Z1_
.....ugagguaguagguuAuuauag.....	5	1	Z1_
.....ugagguaguUgguuuguauag.....	2	1	Z1_
.....ugUgguaguagguuuguauag.....	3	1	Z1_
.....ugagguaguagguuuguauCg.....	1	1	Z1_
.....ugagguaguAguuuguauag.....	7	1	Z1_
.....ugaAguaguagguuuguauag.....	1	1	Z1_
.....ugagguCguagguuuguauag.....	2	1	Z1_
.....ugCgguaguagguuuguauag.....	1	1	Z1_
.....ugagguaguagguuuguauUgu.....	30	1	Z1_
.....ugagguaguGgguuuguauag.....	104	1	Z1_
.....ugagguaguagguuugCauag.....	95	1	Z1_
.....ugagguaguagguGguuauag.....	6	1	Z1_
.....ugagguauUuagguuuguauag.....	8	1	Z1_
.....ugagguaguagguuuguauagA.....	314	1	Z1_
.....uCagguaguagguuuguauag.....	2	1	Z1_
.....ugagguaguagguuugAuuag.....	8	1	Z1_
.....ugagguaguagguuuguauag.....	31172	0	Z1_
.....ugagguauCuagguuuguauag.....	1	1	Z1_
.....ugagguagCagguuuguauag.....	89	1	Z1_
.....ugagguauAagguuuguauag.....	25	1	Z1_
.....ugagguaguagguuUuuauag.....	6	1	Z1_
.....ugagguAguagguuuguauag.....	14	1	Z1_
.....ugagguGguagguuuguauag.....	95	1	Z1_
.....uUagguaguagguuuguauag.....	3	1	Z1_
.....ugagguaguagCuuguauag.....	2	1	Z1_
.....ugagguaguagguuuguauAgu.....	23	1	Z1_
.....ugagguGaguagguuuguauag.....	18	1	Z1_
.....ugagguaguagguuuguauCagu.....	92	1	Z1_
.....ugagguaguagguuuguauGuag.....	145	1	Z1_
.....ugagguaguagguuuguauaCu.....	2	1	Z1_
.....ugagguaguauCguuuguauag.....	2	1	Z1_
.....ugagguaguagguuuguauCgu.....	9	1	Z1_
.....ugagguaguagguuuguuUuag.....	12	1	Z1_
.....ugagguaguagguuuguauAuu.....	34	1	Z1_
.....ugagguagAagguuuguauag.....	29	1	Z1_
.....ugagguaguauAguuuguauag.....	44	1	Z1_
.....Cgagguaguagguuuguauag.....	166	1	Z1_
.....ugagUuaguagguuuguauag.....	3	1	Z1_
.....ugagluaguagguuuguauag.....	24	1	Z1_
.....ugaAguaguagguuuguauag.....	48	1	Z1_
.....ugagguaguagguuCuauag.....	3	1	Z1_
.....ugagguaguagguCuguauag.....	164	1	Z1_
.....ugagCuaguagguuuguauag.....	4	1	Z1_
.....ugagguaguagguuAuuauag.....	41	1	Z1_
.....ugagguaguauUguuuguauag.....	1	1	Z1_
.....ugagguaguagguuuguauGagu.....	8	1	Z1_
.....ugaUguaguagguuuguauag.....	2	1	Z1_
.....ugagguaguagguuAguauag.....	31	1	Z1_
.....ugagguCaguagguuuguauag.....	91	1	Z1_
.....ugUgguaguagguuuguauag.....	26	1	Z1_
.....ugGgguaguagguuuguauag.....	189	1	Z1_
.....ugagguaguagguuuguauCuag.....	1	1	Z1_
.....Agagguaguagguuuguauag.....	73	1	Z1_

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaacaauacuacugucuuuccua

.....ugagguaguagguuguuauagu.....	11	1	Z1_
.....ugagguaguagguuauagu.....	16	1	Z1_
.....ugagguaguagguCguuauagu.....	187	1	Z1_
.....ugagguaguUgguuuguuauagu.....	18	1	Z1_
.....ugagguaguagguuuguuauagG.....	111	1	Z1_
.....ugagguaguCgguuuguuauagu.....	4	1	Z1_
.....uAagguaguagguuuguuauagu.....	52	1	Z1_
.....ugagguaguagguuuguuauaUu.....	5	1	Z1_
.....ugagguaguagUuuguuauagu.....	170	1	Z1_
.....ugagguCguagguuuguuauagu.....	26	1	Z1_
.....ugagguaguagguuuguuauagC.....	2118	1	Z1_
.....Gagguaguagguuuguuauagu.....	64	1	Z1_
.....ugCgguaguagguuuguuauagu.....	5	1	Z1_
.....ugagguCguagguuuguuauaguu.....	31	1	Z1_
.....ugagguaguagguuuguuauaguA.....	394	1	Z1_
.....ugagCuaguagguuuguuauaguu.....	5	1	Z1_
.....ugagguaguGgguuuguuauaguu.....	97	1	Z1_
.....ugagguaguagguuCuauaguu.....	8	1	Z1_
.....ugagguGguagguuuguuauaguu.....	74	1	Z1_
.....ugagguaguagguuuguCuaguu.....	1	1	Z1_
.....ugagguaguauUguuuguuauaguu.....	5	1	Z1_
.....ugagguaguagguuuguuauagCu.....	129	1	Z1_
.....uAagguaguagguuuguuauaguu.....	42	1	Z1_
.....ugagguaguagguuuguuauaCu.....	1	1	Z1_
.....ugagguaguCgguuuguuauaguu.....	4	1	Z1_
.....ugagguaguagguuuguuauaUuu.....	2	1	Z1_
.....ugagguaguagguuuguuauUguu.....	15	1	Z1_
.....ugagguaguagguuuguuauUuaguu.....	4	1	Z1_
.....Cgagguaguagguuuguuauaguu.....	131	1	Z1_
.....ugagguaguagCuuguuauaguu.....	13	1	Z1_
.....ugagguaguagguCguuauaguu.....	105	1	Z1_
.....ugagguUguagguuuguuauaguu.....	14	1	Z1_
.....ugaAguaguagguuuguuauaguu.....	53	1	Z1_
.....ugagguaguagguCguuauaguu.....	124	1	Z1_
.....ugagguaguagguuuguuauagG.....	111	1	Z1_
.....ugGgguaguagguuuguuauaguu.....	167	1	Z1_
.....ugagguaguagguuuguuauaguu.....	26406	0	Z1_
.....ugagguaguagguuuguuauAguu.....	14	1	Z1_
.....ugagguauuagguuuguuauaguu.....	9	1	Z1_
.....ugagguaguagguuugCauaguu.....	109	1	Z1_
.....ugagguaguagguuuguuauagAu.....	15	1	Z1_
.....ugagguaguagguuuguuauaguC.....	2241	1	Z1_
.....ugagguaguagguuuguuauagGu.....	40	1	Z1_
.....Aagguaguagguuuguuauaguu.....	68	1	Z1_
.....ugagguaguagguGguuauaguu.....	11	1	Z1_
.....uUagguaguagguuuguuauaguu.....	8	1	Z1_
.....ugagguaguagguuuguuauaguu.....	180	1	Z1_
.....ugCgguaguagguuuguuauaguu.....	10	1	Z1_
.....ugagguaguauAguuuguuauaguu.....	27	1	Z1_
.....ugagguaguagguuUuauaguu.....	3	1	Z1_
.....ugagguaguagUuuguuauaguu.....	221	1	Z1_
.....ugagguaguagguuuguuauaUuu.....	15	1	Z1_
.....ugaUguaguagguuuguuauaguu.....	6	1	Z1_
.....ugagguaguagguuAguuauaguu.....	27	1	Z1_
.....ugaggCaguagguuuguuauaguu.....	85	1	Z1_
.....ugagAuaguagguuuguuauaguu.....	39	1	Z1_
.....ugaCguaguagguuuguuauaguu.....	2	1	Z1_
.....ugagguaguagguuuguuauCaguu.....	160	1	Z1_
.....ugagguagCagguuuguuauaguu.....	66	1	Z1_
.....uCagguaguagguuuguuauaguu.....	3	1	Z1_
.....ugagguaguagguuugGauaguu.....	5	1	Z1_
.....ugUgguaguagguuuguuauaguu.....	42	1	Z1_
.....ugaggGaguagguuuguuauaguu.....	28	1	Z1_
.....ugaggAaguagguuuguuauaguu.....	5	1	Z1_
.....ugagguaguagguuugAauaguu.....	16	1	Z1_
.....ugagguaguUgguuuguuauaguu.....	18	1	Z1_
.....ugagguaguagguuuguuauCguu.....	3	1	Z1_
.....ugagguauuagguuuguuauaguu.....	25	1	Z1_
.....ugagguauCagguuuguuauaguu.....	3	1	Z1_

ugggaugagguaguagguuguauaguuuuaggguacaccccaccacugggagauaacuaucacucugucuuuccua

. . . . Ggagguaguagguuguauaguu	60	1	Z1_
. . . . ugagguaguagguuAuauaguu	38	1	Z1_
. . . . ugagguaguagguGuguauguu	13	1	Z1_
. . . . ugagguaguagguAuguauguu	17	1	Z1_
. . . . ugagUuaguagguuguauguu	2	1	Z1_
. . . . ugagguagAggguuguauguu	23	1	Z1_
. . . . ugGgguaguagguuguauguu	3	1	Z1_
. . . . ugagguaguagguCguauguu	1	1	Z1_
. . . . ugagguagCagguuguauguu	4	1	Z1_
. . . . ugagguaguagguuguauguuG	87	1	Z1_
. . . . ugagAuaguagguuguauguu	1	1	Z1_
. . . . ugagguaguUgguuguauguu	1	1	Z1_
. . . . ugagguaguagguuguaugCuu	4	1	Z1_
. . . . Cgagguaguagguuguauguu	3	1	Z1_
. . . . ugaggCaguaagguuguauguu	5	1	Z1_
. . . . ugagguaguagguuguauguuAu	2	1	Z1_
. . . . ugagguUguagguuguauguu	1	1	Z1_
. . . . ugagguaguagguuguauguuA	167	1	Z1_
. . . . Agagguaguagguuguauguu	2	1	Z1_
. . . . ugagguaguagUuuguauguu	5	1	Z1_
. . . . ugagguaguagguuguauguu	355	0	Z1_
. . . . ugagguagGagguuguauguu	10	1	Z1_
. . . . ugagguaguagguuguauguuC	27	1	Z1_
. . . . ugaggGaguaagguuguauguu	2	1	Z1_
. . . . Cgagguaguagguuguauguu	1	1	Z1_
. . . . ugagguaguagguuguauguuGu	3	1	Z1_
. . . . ugagguaguagguuguauguuAu	1	1	Z1_
. . . . ugagguaguagguuguauguuAu	1	1	Z1_
. . . . ugagguaguagguuguauguu	12	0	Z1_
. . . . ugagguCguaagguuguauguu	1	1	Z1_
. . . . ugagguaguagguuguauguuGa	2	1	Z1_
. . . . ugagguaguagguuguauguuU	2	1	Z1_
. . . . gagguaguagguugua	1	0	Z1_
. . . . Uagguaguagguuguaug	1	1	Z1_
. . . . gagguaguagguuguaugC	1	1	Z1_
. . . . gagguaguagguuguaug	2	0	Z1_
. . . . gagguaguagguuguaugC	1	1	Z1_
. . . . gagguaguagguuguauguu	6	0	Z1_
. . . . agguaguagguuguaugC	1	1	Z1_
. . . . agguaguagguuguauguu	2	0	Z1_
. . . . gguaguagguuguaug	2	0	Z1_
. . . . gguaguagguuguauguu	2	0	Z1_
. . . . uaguagguuguauguuuuagggu	1	0	Z1_
. uuaggguacaccccaccacuggga	1	0	Z1_
. cuauacaucGacugucuu	1	1	Z1_
. . . . Auagguaguagguuguauguu	4	1	GDM
. . . . Auagguaguagguuguauguu	4	1	GDM
. . . . augagguaguagguugua	2	0	GDM
. . . . augagguaguagguugua	2	0	GDM
. . . . augagguaguagguuguaug	1	0	GDM
. . . . Cugagguaguagguuguaug	3	1	GDM
. . . . Cugagguaguagguuguaug	11	1	GDM
. . . . augagguaguagguuguaug	7	0	GDM
. . . . augagguaguagguuguaug	7	0	GDM
. . . . Cugagguaguagguuguaug	11	1	GDM
. . . . augagguaguagguuguaug	7	0	GDM
. . . . augagguaguagguuguauguu	8	0	GDM
. . . . Cugagguaguagguuguauguu	12	1	GDM
. . . . Cugagguaguagguuguauguu	12	1	GDM
. . . . augaggCaguaagguuguauguu	1	1	GDM
. . . . augagguaguagguuguauguu	8	0	GDM
. . . . augagguaguagguuguaugC	1	1	GDM
. . . . augagguaguagguuguauguu	8	0	GDM
. . . . Cugagguaguagguuguauguu	12	1	GDM
. . . . ugagguaguagguuAuau	12	1	GDM
. . . . ugagguagAggguugua	9	1	GDM
. . . . ugaggAaguaagguugua	3	1	GDM
. . . . Agagguaguagguugua	26	1	GDM

ugggaugagguaguagguuguaguuuuaggguccaccccaccacugggagauaacuaacaaucaucugucuuuccua

.....ugagguaguaUguuguau.....	3	1	GDM
.....ugagguaguaggAugua.....	13	1	GDM
.....ugagguaguagguuuguaA.....	159	1	GDM
.....uAagguaguagguuguau.....	15	1	GDM
.....ugUgguaguagguuguau.....	10	1	GDM
.....ugagguaguagguuuguaG.....	51	1	GDM
.....ugagguaguagUuuuguau.....	1887	1	GDM
.....ugagguGguagguuguau.....	38	1	GDM
.....ugaggCaguagguuguau.....	27	1	GDM
.....ugagguagCagguuguau.....	24	1	GDM
.....Aagguaguagguuguau.....	26	1	GDM
.....ugagguaguagguGuguau.....	2	1	GDM
.....ugagguaguagguuugCu.....	2	1	GDM
.....ugaggCaguagguuguau.....	27	1	GDM
.....ugagguaguagguugCau.....	33	1	GDM
.....ugagguaguaUguuguau.....	3	1	GDM
.....ugGguaguagguuguau.....	47	1	GDM
.....ugagguaguagguCguau.....	36	1	GDM
.....ugagguuAuuagguuguau.....	15	1	GDM
.....ugagguaguaggAugua.....	13	1	GDM
.....ugagguaguaggAugua.....	13	1	GDM
.....ugagguaguaggCuguau.....	33	1	GDM
.....ugaggCaguagguuguau.....	2	1	GDM
.....ugagAuuagguuguau.....	9	1	GDM
.....ugagguaguaUguuguau.....	3	1	GDM
.....ugagguaguagguugCau.....	33	1	GDM
.....ugagguaguagguAguau.....	2	1	GDM
.....ugagguaguagCuuguau.....	15	1	GDM
.....ugagguaguagguuuguaC.....	516	1	GDM
.....ugagguaguagguuUua.....	2	1	GDM
.....ugagguaguagguCguau.....	36	1	GDM
.....ugaggCaguagguuguau.....	27	1	GDM
.....Cgagguaguagguuguau.....	36	1	GDM
.....ugagguaguagguuuguaC.....	516	1	GDM
.....ugaUguaguagguuguau.....	4	1	GDM
.....ugagguaguGgguuguau.....	23	1	GDM
.....ugagguCguagguuguau.....	3	1	GDM
.....ugagguaguagguuugAa.....	1	1	GDM
.....ugaUguaguagguuguau.....	4	1	GDM
.....Ggagguaguagguuguau.....	9	1	GDM
.....ugagguaguGgguuguau.....	23	1	GDM
.....ugagguaguagguugCau.....	33	1	GDM
.....ugUgguaguagguuguau.....	10	1	GDM
.....ugagguaguagguuugua.....	7510	0	GDM
.....ugagguaguagguuugua.....	7510	0	GDM
.....uUagguaguagguuguau.....	2	1	GDM
.....ugagguaguagguuAua.....	12	1	GDM
.....ugUgguaguagguuguau.....	10	1	GDM
.....ugagguCguagguuguau.....	38	1	GDM
.....ugagguuUuagguuguau.....	3	1	GDM
.....ugagguaguagguuuguaG.....	51	1	GDM
.....ugaAuuagguuguau.....	9	1	GDM
.....ugagAuuagguuguau.....	9	1	GDM
.....Cgagguaguagguuguau.....	36	1	GDM
.....Cgagguaguagguuugua.....	36	1	GDM
.....ugaAuuagguuguau.....	9	1	GDM
.....ugagguaguagCuuguau.....	15	1	GDM
.....ugagguuAuuagguuguau.....	15	1	GDM
.....ugagguaguagguugCau.....	1	1	GDM
.....uAagguaguagguuguau.....	15	1	GDM
.....ugagAuuagguuguau.....	9	1	GDM
.....ugagguaguagguuuguaC.....	516	1	GDM
.....ugagguaguagguuuguaA.....	159	1	GDM
.....ugCgguaguagguuguau.....	1	1	GDM
.....ugagguaguagguCuguau.....	33	1	GDM
.....ugagguaguagUuuuguau.....	1887	1	GDM
.....uUagguaguagguuguau.....	2	1	GDM
.....ugaggAuuagguuguau.....	3	1	GDM
.....ugagguuAuuagguuguau.....	15	1	GDM

ugggaugagguaguagguuguaguuuuagggucacacccaccacugggagauaacuaacaauacuacugucuuuccua

.....ugagguaguagguCuguau.....	33	1	GDM
.....ugagguaguUgguuguau.....	1	1	GDM
.....ugagguCguagguuguau.....	3	1	GDM
.....ugagguaguagguCguau.....	36	1	GDM
.....ugagguaguagguuguauA.....	159	1	GDM
.....ugagguaguagguuAuau.....	12	1	GDM
.....ugagguagCagguuguau.....	24	1	GDM
.....ugagguaguagUuuguau.....	1887	1	GDM
.....ugagguGguagguuguau.....	38	1	GDM
.....ugaAguaguagguuguau.....	9	1	GDM
.....ugagguagAagguuguau.....	9	1	GDM
.....ugagguaguagguuguau.....	7510	0	GDM
.....ugagguaguagguuCuau.....	2	1	GDM
.....ugagguagAagguuguau.....	9	1	GDM
.....ugagguaguagCuuguau.....	15	1	GDM
.....ugagguaguagguuCuau.....	2	1	GDM
.....ugagguaguagguuguauG.....	51	1	GDM
.....Ggagguaguagguuguau.....	9	1	GDM
.....Agagguaguagguuguau.....	26	1	GDM
.....uCagguaguagguuguau.....	1	1	GDM
.....ugGgguaguagguuguau.....	47	1	GDM
.....ugGgguaguagguuguau.....	47	1	GDM
.....ugagguaguaAguuguaua.....	3	1	GDM
.....ugUgguaguagguuguaua.....	3	1	GDM
.....ugagguagCagguuguaua.....	2	1	GDM
.....ugagguaguaAguuguaua.....	3	1	GDM
.....ugagguaguagguuAuaua.....	2	1	GDM
.....ugagguaguagguCguaua.....	9	1	GDM
.....ugagguauAuagguuguaua.....	2	1	GDM
.....ugagguaguagguCuguaua.....	11	1	GDM
.....ugagguaguagguugCaua.....	4	1	GDM
.....ugagguaguGgguuguaua.....	3	1	GDM
.....Agagguaguagguuguaua.....	2	1	GDM
.....ugagguaguagguCuguaua.....	11	1	GDM
.....ugagguaguagguuguauCa.....	9	1	GDM
.....ugagguagCagguuguaua.....	2	1	GDM
.....ugagguaguagguuuguGua.....	34	1	GDM
.....ugagguGguagguuguaua.....	7	1	GDM
.....Ggagguaguagguuguaua.....	1	1	GDM
.....Cgagguaguagguuguaua.....	11	1	GDM
.....ugagguaguGgguuguaua.....	3	1	GDM
.....ugagguaguagguAuaua.....	1	1	GDM
.....ugagguaguagguuguaua.....	1696	0	GDM
.....ugagguaguGgguuguaua.....	3	1	GDM
.....ugaUguaguagguuguaua.....	1	1	GDM
.....ugagguaguagguuguaua.....	1696	0	GDM
.....ugagguaguagguuuguGua.....	34	1	GDM
.....ugagguaguagguuguaua.....	1696	0	GDM
.....ugagguaguagguuguauCa.....	9	1	GDM
.....ugagguaguagguugCaua.....	4	1	GDM
.....ugagguaguagUuuguaua.....	11	1	GDM
.....ugagguaguagguuguauU.....	9	1	GDM
.....ugGgguaguagguuguaua.....	11	1	GDM
.....ugUgguaguagguuguaua.....	3	1	GDM
.....ugagguaguagguuguauU.....	9	1	GDM
.....ugagguaguagguCuguaua.....	11	1	GDM
.....ugCgguaguagguuguaua.....	2	1	GDM
.....ugagguaguCgguuguaua.....	2	1	GDM
.....ugaAguaguagguuguaua.....	3	1	GDM
.....ugagguaguUgguuguaua.....	1	1	GDM
.....ugaggCaguagguuguaua.....	7	1	GDM
.....ugagguGguagguuguaua.....	7	1	GDM
.....ugagguaguagguuguauC.....	1	1	GDM
.....ugaggCaguagguuguaua.....	7	1	GDM
.....ugCgguaguagguuguaua.....	2	1	GDM
.....ugagguaguagUuuguaua.....	11	1	GDM
.....ugagguaguagguuguauCa.....	9	1	GDM
.....ugagAuaguagguuguaua.....	4	1	GDM
.....ugagguGguagguuguaua.....	7	1	GDM

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaaacaaucaucugucuuuccua

.....Agagguaguagguuguuaa.....	2	1	GDM
.....Cgagguaguagguuguuaa.....	11	1	GDM
.....ugagguaguagguuguuaa.....	2	1	GDM
.....Cgagguaguagguuguuaa.....	11	1	GDM
.....ugagguaguagguuguuaa.....	9	1	GDM
.....ugGgguaguagguuguuaa.....	1	1	GDM
.....ugGgguaguagguuguuaa.....	11	1	GDM
.....ugagguaguagguuguuaa.....	5	1	GDM
.....ugagguaguagguuguuaa.....	4	1	GDM
.....ugagguaguagguuguuaa.....	3	1	GDM
.....ugagguaguagguuguuaa.....	1	1	GDM
.....ugGgguaguagguuguuaa.....	11	1	GDM
.....ugagguaguagguuguuaa.....	34	1	GDM
.....ugagguaguagguuguuaa.....	5	1	GDM
.....ugagguaguagguuguuaa.....	1	1	GDM
.....ugagguaguagguuguuaa.....	11	1	GDM
.....uAagguaguagguuguuaa.....	1	1	GDM
.....ugagguaguagguuguuaa.....	9	1	GDM
.....ugagguaguagguuguuaa.....	2	1	GDM
.....ugagguaguagguuguuaa.....	11	1	GDM
.....ugagguaguagguuguuaa.....	9619	0	GDM
.....ugGgguaguagguuguuaa.....	45	1	GDM
.....Cgagguaguagguuguuaa.....	47	1	GDM
.....ugagguaguagguuguuaa.....	34	1	GDM
.....ugagguaguagguuguuaa.....	52	1	GDM
.....uAagguaguagguuguuaa.....	11	1	GDM
.....ugagguaguagguuguuaa.....	34	1	GDM
.....ugagguaguagguuguuaa.....	9619	0	GDM
.....ugagguaguagguuguuaa.....	34	1	GDM
.....ugagguaguagguuguuaa.....	9619	0	GDM
.....ugagguaguagguuguuaa.....	19	1	GDM
.....Agagguaguagguuguuaa.....	22	1	GDM
.....ugagguaguagguuguuaa.....	12	1	GDM
.....ugagguaguagguuguuaa.....	10	1	GDM
.....ugagguaguagguuguuaa.....	2	1	GDM
.....ugaUguaguagguuguuaa.....	5	1	GDM
.....Ggagguaguagguuguuaa.....	10	1	GDM
.....Agagguaguagguuguuaa.....	22	1	GDM
.....ugagguaguagguuguuaa.....	19	1	GDM
.....ugagguaguagguuguuaa.....	1	1	GDM
.....ugagguaguagguuguuaa.....	49	1	GDM
.....ugaAguaguagguuguuaa.....	22	1	GDM
.....ugagguaguagguuguuaa.....	13	1	GDM
.....ugagguaguagguuguuaa.....	26	1	GDM
.....ugagguaguagguuguuaa.....	3	1	GDM
.....ugCgguaguagguuguuaa.....	3	1	GDM
.....uUagguaguagguuguuaa.....	2	1	GDM
.....ugagguaguagguuguuaa.....	9	1	GDM
.....ugagguaguagguuguuaa.....	24	1	GDM
.....ugagguaguagguuguuaa.....	2	1	GDM
.....ugagguaguagguuguuaa.....	46	1	GDM
.....ugagguaguagguuguuaa.....	1	1	GDM
.....ugagguaguagguuguuaa.....	29	1	GDM
.....ugagguaguagguuguuaa.....	9	1	GDM
.....ugagguaguagguuguuaa.....	52	1	GDM
.....ugagguaguagguuguuaa.....	39	1	GDM
.....ugCgguaguagguuguuaa.....	3	1	GDM
.....ugagguaguagguuguuaa.....	2	1	GDM
.....ugagguaguagguuguuaa.....	8	1	GDM
.....ugagguaguagguuguuaa.....	34	1	GDM
.....ugagguaguagguuguuaa.....	39	1	GDM
.....ugagguaguagguuguuaa.....	46	1	GDM
.....ugagguaguagguuguuaa.....	24	1	GDM
.....ugagguaguagguuguuaa.....	10	1	GDM
.....ugagguaguagguuguuaa.....	7	1	GDM
.....ugagguaguagguuguuaa.....	9	1	GDM
.....ugagguaguagguuguuaa.....	6	1	GDM
.....ugagguaguagguuguuaa.....	5	1	GDM
.....ugagguaguagguuguuaa.....	24	1	GDM

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaacaauacuacugucuuuccua

.....ugagguaguagCuuguaauag.....	1	1	GDM
.....ugagguaguaUguuuguaauag.....	2	1	GDM
.....ugagguagCagguuuguaauag.....	39	1	GDM
.....ugagguagAagguuuguaauag.....	8	1	GDM
.....uAagguaguagguuuguaauag.....	11	1	GDM
.....Aagguaguagguuuguaauag.....	22	1	GDM
.....ugagguaguagguAguuaauag.....	7	1	GDM
.....ugagguaguagguAguuaauag.....	7	1	GDM
.....ugUgguaguagguuuguaauag.....	17	1	GDM
.....ugagguaguagguuugCuag.....	4	1	GDM
.....ugagguaguagguuAuaauag.....	9	1	GDM
.....uUagguaguagguuuguaauag.....	2	1	GDM
.....ugaggGaguagguuuguaauag.....	3	1	GDM
.....ugagguaguGgguuuguaauag.....	26	1	GDM
.....ugagUuaguagguuuguaauag.....	9	1	GDM
.....ugUgguaguagguuuguaauag.....	17	1	GDM
.....ugagguaguagUuuguaauag.....	29	1	GDM
.....ugagguaguagguGuguaauag.....	2	1	GDM
.....ugagguaguGgguuuguaauag.....	26	1	GDM
.....ugaggCaguagguuuguaauag.....	34	1	GDM
.....ugagguuCuagguuuguaauag.....	1	1	GDM
.....ugagAuaaguagguuuguaauag.....	11	1	GDM
.....ugagguCuagguuuguaauag.....	1	1	GDM
.....ugagguaguagguuugCauag.....	27	1	GDM
.....ugagguaguagguuuguaA.....	480	1	GDM
.....ugagguuAuaagguuuguaauag.....	9	1	GDM
.....ugaCguaguagguuuguaauag.....	2	1	GDM
.....ugagguaguagguuuguaA.....	480	1	GDM
.....ugagguaguagguuugGauag.....	2	1	GDM
.....ugagguaguagguGguuaauag.....	1	1	GDM
.....ugaUguaguagguuuguaauag.....	5	1	GDM
.....ugagguaguagguuAuaauag.....	9	1	GDM
.....ugaggAaguagguuuguaauag.....	5	1	GDM
.....ugagguaguagguuugCuag.....	4	1	GDM
.....ugagguaguagguCuuaauag.....	39	1	GDM
.....ugagguaguagguuugCauag.....	27	1	GDM
.....ugagguaguagguuugGuag.....	46	1	GDM
.....ugagguaguagguuuguaU.....	48	1	GDM
.....ugagguaguCgguuuguaauag.....	2	1	GDM
.....ugagguuAuaagguuuguaauag.....	9	1	GDM
.....ugagguaguaUguuuguaauag.....	2	1	GDM
.....ugaUguaguagguuuguaauag.....	5	1	GDM
.....ugagguaguagguuAguuaauag.....	12	1	GDM
.....ugagguaguagUuuguaauag.....	29	1	GDM
.....ugagguaguagguuuguaCag.....	22	1	GDM
.....ugagguaguagguuuguaCg.....	52	1	GDM
.....ugagguaguagguuugCuag.....	4	1	GDM
.....ugagguaguaAguuuguaauag.....	19	1	GDM
.....ugagguaguagguuuguaA.....	480	1	GDM
.....ugagguaguagguuuguaU.....	48	1	GDM
.....ugagAuaaguagguuuguaauag.....	11	1	GDM
.....uAagguaguagguuuguaauag.....	11	1	GDM
.....ugGgguaguagguuuguaauag.....	45	1	GDM
.....ugaAguaguagguuuguaauag.....	22	1	GDM
.....ugagguaguagguuuguaGag.....	6	1	GDM
.....ugaggCaguagguuuguaauag.....	34	1	GDM
.....ugagguaguagguGuguaauag.....	2	1	GDM
.....ugagguaguagguuuguaCag.....	22	1	GDM
.....Gagguaguagguuuguaauag.....	10	1	GDM
.....ugaAguaguagguuuguaauag.....	22	1	GDM
.....ugagguaguagguuugCauag.....	27	1	GDM
.....ugagguagCagguuuguaauag.....	39	1	GDM
.....ugagguaguagguuuguaUg.....	13	1	GDM
.....ugagguagCagguuuguaauag.....	39	1	GDM
.....Cgagguaguagguuuguaauag.....	47	1	GDM
.....Cgagguaguagguuuguaauag.....	47	1	GDM
.....ugagguaguagguuuguaCag.....	22	1	GDM
.....ugagguaguagguCguuaauag.....	49	1	GDM
.....ugagguaguagguuuguaUg.....	13	1	GDM

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaaacaauacuacugucuuuccua

.....ugagguaguagguuguuAaag.....	9	1	GDM
.....ugagguaguagguuguGauag.....	2	1	GDM
.....ugGgguaguagguuguauag.....	45	1	GDM
.....ugagguaguagguuguuaU.....	48	1	GDM
.....Ggagguaguagguuguuaag.....	10	1	GDM
.....ugagguaguagguuguuAaag.....	9	1	GDM
.....ugUgguaguagguuguauag.....	17	1	GDM
.....ugagguagAagguuguuaag.....	8	1	GDM
.....ugagguaguagguugAauag.....	1	1	GDM
.....ugagguauUagguuguauag.....	2	1	GDM
.....ugagguaguagguuAguuaag.....	12	1	GDM
.....ugagguaguagguCguuaag.....	49	1	GDM
.....ugagguaguagguuguUuag.....	10	1	GDM
.....Cgagguaguagguuguuaagu.....	367	1	GDM
.....ugagguCguagguuguuaagu.....	28	1	GDM
.....ugagguaguUgguuguuaagu.....	66	1	GDM
.....ugaggGaguagguuguuaagu.....	33	1	GDM
.....ugagguaguagCuuguuaagu.....	57	1	GDM
.....ugagguaguUgguuguuaagu.....	66	1	GDM
.....ugagguaguagguuguuaagA.....	1206	1	GDM
.....ugagguaguagguuguGauagu.....	12	1	GDM
.....ugGgguaguagguuguuaagu.....	484	1	GDM
.....ugagguaguagguCguuaagu.....	410	1	GDM
.....ugagguaguagguGguuaagu.....	23	1	GDM
.....ugagguaguagguuguauCgu.....	12	1	GDM
.....ugaAguaguagguuguuaagu.....	103	1	GDM
.....ugagguaguagguuguuaagC.....	5278	1	GDM
.....ugagguaguagguuguuaagu.....	76	1	GDM
.....ugagguaguUguuguuaagu.....	25	1	GDM
.....ugGgguaguagguuguuaagu.....	484	1	GDM
.....Ggagguaguagguuguuaagu.....	87	1	GDM
.....ugagguaguagguuguuaaCu.....	16	1	GDM
.....ugagguaguagguuguuaagG.....	297	1	GDM
.....ugagguaguGgguuguuaagu.....	261	1	GDM
.....ugagguagAagguuguuaagu.....	81	1	GDM
.....ugGgguaguagguuguuaagu.....	484	1	GDM
.....ugaUguaguagguuguuaagu.....	16	1	GDM
.....uCagguaguagguuguuaagu.....	7	1	GDM
.....ugaCguaguagguuguuaagu.....	4	1	GDM
.....ugagguaguagguugAauagu.....	53	1	GDM
.....uUagguaguagguuguuaagu.....	14	1	GDM
.....ugagguaguagguugAauagu.....	53	1	GDM
.....ugagguaguCgguuguuaagu.....	11	1	GDM
.....Cgagguaguagguuguuaagu.....	367	1	GDM
.....ugagguaguAguuguuaagu.....	96	1	GDM
.....ugagguCguagguuguuaagu.....	28	1	GDM
.....ugagguaguagguGguuaagu.....	23	1	GDM
.....ugagguaguagguuguGauagu.....	294	1	GDM
.....ugagguagAagguuguuaagu.....	81	1	GDM
.....ugagguaguagguuguCauagu.....	239	1	GDM
.....ugagguGguagguuguuaagu.....	273	1	GDM
.....ugagguAguagguuguuaagu.....	55	1	GDM
.....ugagguauUagguuguuaagu.....	26	1	GDM
.....ugagguaguagguCuuguuaagu.....	379	1	GDM
.....ugagguaguagguuguGuagu.....	294	1	GDM
.....ugaggCaguagguuguuaagu.....	215	1	GDM
.....ugagguaguagguuguuaagC.....	5278	1	GDM
.....uCagguaguagguuguuaagu.....	7	1	GDM
.....ugagguagAagguuguuaagu.....	81	1	GDM
.....ugagguagCagguuguuaagu.....	195	1	GDM
.....ugagguaguagguuguuaagu.....	75654	0	GDM
.....ugagguaguagguCguuaagu.....	410	1	GDM
.....ugagguaguagCuuguuaagu.....	57	1	GDM
.....ugagguaguagguCguuaagu.....	379	1	GDM
.....ugUgguaguagguuguuaagu.....	108	1	GDM
.....ugaggCaguagguuguuaagu.....	215	1	GDM
.....ugagguaguagguuguuaaAu.....	67	1	GDM
.....Aagguaguagguuguuaagu.....	210	1	GDM
.....ugagguaguagguuAguuaagu.....	56	1	GDM

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaacaauacuugucuuuccua

.....ugagguaguagguugCauagu.....	239	1	GDM
.....ugagguagCagguuguaauagu.....	195	1	GDM
.....ugagguauuagguuuguaauagu.....	26	1	GDM
.....ugagguGguagguuuguaauagu.....	273	1	GDM
.....ugagguaguagguuuguaauu.....	28	1	GDM
.....ugagguauuagguuuguaauagu.....	68	1	GDM
.....ugagguaguagguuuCuaauagu.....	8	1	GDM
.....Cgagguaguagguuuguaauagu.....	367	1	GDM
.....ugagguaguagguuuCuaauagu.....	8	1	GDM
.....ugaCguaguagguuuguaauagu.....	4	1	GDM
.....uAagguaguagguuuguaauagu.....	121	1	GDM
.....ugagUuaguagguuuguaauagu.....	9	1	GDM
.....ugagguaguagguuuguaauuA.....	67	1	GDM
.....ugagguaguuaCguuuguaauagu.....	4	1	GDM
.....ugagguaguGguuuguaauagu.....	261	1	GDM
.....ugagguaguuaAguuuguaauagu.....	96	1	GDM
.....ugagguaguagguuugGauagu.....	12	1	GDM
.....ugagguaguagguuuguaAagu.....	57	1	GDM
.....ugagguaguCgguuuguaauagu.....	11	1	GDM
.....ugaUguaguagguuuguaauagu.....	16	1	GDM
.....ugagguaguagguuuguaauaCu.....	16	1	GDM
.....ugagguaguagguuuguaauagA.....	1206	1	GDM
.....Agagguaguagguuuguaauagu.....	210	1	GDM
.....ugagguagCagguuuguaauagu.....	195	1	GDM
.....ugagguaguagguuuCuaauagu.....	8	1	GDM
.....ugagguaguagguuuguaauagu.....	75654	0	GDM
.....ugagguaguaggCuauauagu.....	379	1	GDM
.....ugCgguaguagguuuguaauagu.....	20	1	GDM
.....ugagguaguagguuugCuagu.....	8	1	GDM
.....ugagguaguagguuuguuuagu.....	47	1	GDM
.....ugagguaguagguuAguuauagu.....	100	1	GDM
.....ugagguaguuaCguuuguaauagu.....	4	1	GDM
.....ugagguaguagguuuguuuagu.....	47	1	GDM
.....ugagguaguagguuugCauagu.....	239	1	GDM
.....ugagguauuagguuuguaauagu.....	68	1	GDM
.....ugagguauuagguuuguaauagu.....	10	1	GDM
.....ugagguaguagguuuguaCagu.....	277	1	GDM
.....ugaAguaguagguuuguaauagu.....	103	1	GDM
.....ugagguaguagUuuguaauagu.....	542	1	GDM
.....ugagguaguagguuugCuagu.....	8	1	GDM
.....ugagguaguagguuuguaGagu.....	20	1	GDM
.....ugagguaguagguuuuauauagu.....	121	1	GDM
.....ugaggAguagguuuguaauagu.....	55	1	GDM
.....ugUgguaguagguuuguaauagu.....	108	1	GDM
.....uUagguaguagguuuguaauagu.....	14	1	GDM
.....ugagguaguagguuuguaauagu.....	26	1	GDM
.....ugagguaguagguuuuauauagu.....	121	1	GDM
.....uCagguaguagguuuguaauagu.....	7	1	GDM
.....ugCgguaguagguuuguaauagu.....	20	1	GDM
.....ugagCuaguagguuuguaauagu.....	12	1	GDM
.....ugagUuaguagguuuguaauagu.....	9	1	GDM
.....ugagguaguagguuuguaauagG.....	297	1	GDM
.....uUagguaguagguuuguaauagu.....	14	1	GDM
.....ugagguaguaggAguuauagu.....	56	1	GDM
.....ugagguaguagguuuguaauagA.....	1206	1	GDM
.....ugagguaguagguuugAuaauagu.....	53	1	GDM
.....ugagguaguagguGguuauagu.....	26	1	GDM
.....ugagguaguCgguuuguaauagu.....	11	1	GDM
.....ugagguaguagguuuguaauUgu.....	67	1	GDM
.....ugagguaguauUguuuguaauagu.....	25	1	GDM
.....ugaggGaguagguuuguaauagu.....	33	1	GDM
.....ugagguaguagguuAguuauagu.....	100	1	GDM
.....ugagguaguagguuuguaauCgu.....	12	1	GDM
.....ugagguauuagguuuguaauagu.....	10	1	GDM
.....ugagguaguuaCguuuguaauagu.....	4	1	GDM
.....ugagguaguagguuuguaauagu.....	75654	0	GDM
.....ugagguaguagguuugGauagu.....	12	1	GDM
.....ugagguauuagguuuguaauagu.....	26	1	GDM
.....ugagAuaaguagguuuguaauagu.....	76	1	GDM

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaacaauacuacugucuuuccua

.....ugCgguaguagguuguuauagu.....	20	1	GDM
.....ugagguaguagguuguuauUgu.....	67	1	GDM
.....ugagguaguagCuuguuauagu.....	57	1	GDM
.....ugagguaguagguuguuauGagu.....	20	1	GDM
.....ugagguaguagguuguuauAagu.....	57	1	GDM
.....ugagguaguagguCguuauagu.....	410	1	GDM
.....ugagguaguagguAguuauagu.....	56	1	GDM
.....ugagguaguagguuguuauCgu.....	12	1	GDM
.....ugagguaguagguAguuauagu.....	100	1	GDM
.....uAagguaguagguuguuauagu.....	121	1	GDM
.....ugagguaguagguuUuuuauagu.....	9	1	GDM
.....ugagguCguagguuguuauagu.....	28	1	GDM
.....ugagguaguagguuguuauCagu.....	277	1	GDM
.....ugaAguaguagguuguuauagu.....	103	1	GDM
.....ugagguaguagguuguuauAuu.....	67	1	GDM
.....ugagguaguagguuguuauagC.....	5278	1	GDM
.....ugagguaguagguuguuauGagu.....	20	1	GDM
.....ugagguaguagguuguuauuu.....	28	1	GDM
.....ugagguaguagguuguuauCuu.....	8	1	GDM
.....ugagguaguauUguuuguuauagu.....	25	1	GDM
.....ugagguaguagUuuuguuauagu.....	542	1	GDM
.....ugagguaguagguuguuauagu.....	261	1	GDM
.....ugagguaguagguuguuauagu.....	55	1	GDM
.....ugagguaguagguuUuuuauagu.....	9	1	GDM
.....ugagguaguagguCguuauagu.....	26	1	GDM
.....ugagguaguagguuguuauuu.....	16	1	GDM
.....ugagguaguagguuguuauagG.....	297	1	GDM
.....ugagguauCuagguuguuauagu.....	10	1	GDM
.....uAagguaguagguuguuauagu.....	121	1	GDM
.....ugagguaguagUuuuguuauagu.....	542	1	GDM
.....ugagguaguagguuguuauagu.....	273	1	GDM
.....ugaUguaguagguuguuauagu.....	16	1	GDM
.....Ggagguaguagguuguuauagu.....	87	1	GDM
.....ugagguaguagguuguuauagu.....	76	1	GDM
.....ugagguaguagguuAuuuauagu.....	121	1	GDM
.....ugagguaguagguuguuauCagu.....	277	1	GDM
.....ugagguaguagguuguuauagu.....	12	1	GDM
.....Ggagguaguagguuguuauagu.....	87	1	GDM
.....ugagguauAuuagguuguuauagu.....	68	1	GDM
.....ugagguaguagguuguuauagu.....	9	1	GDM
.....ugagguaguagguuguuauagu.....	215	1	GDM
.....ugagguaguagguuguuauUgu.....	67	1	GDM
.....ugagguaguagguuguuauAagu.....	57	1	GDM
.....ugagguaguagguuUuuuauagu.....	9	1	GDM
.....ugagguaguagguuguuauagu.....	23	1	GDM
.....ugagguaguagguuguuauagu.....	47	1	GDM
.....ugagguaguagguuguuauagu.....	294	1	GDM
.....ugUgguaguagguuguuauagu.....	108	1	GDM
.....ugagguaguagguuguuauagu.....	12	1	GDM
.....Aagguaguagguuguuauagu.....	210	1	GDM
.....ugagguaguagguuguuauagu.....	66	1	GDM
.....ugagguaguagguuguuauuu.....	28	1	GDM
.....ugagguaguagguuguuauagu.....	96	1	GDM
.....ugagguauCuagguuguuauagu.....	4	1	GDM
.....ugagguaguagguuguuauCgu.....	11	1	GDM
.....ugagguauCuagguuguuauagu.....	4	1	GDM
.....ugagguagAagguuguuauagu.....	83	1	GDM
.....ugUgguaguagguuguuauagu.....	102	1	GDM
.....ugGgguaguagguuguuauagu.....	465	1	GDM
.....ugaAguaguagguuguuauagu.....	112	1	GDM
.....ugagguauAuuagguuguuauagu.....	95	1	GDM
.....uUagguaguagguuguuauagu.....	13	1	GDM
.....ugagguCguagguuguuauagu.....	30	1	GDM
.....ugagguaguagguuguuauGagu.....	10	1	GDM
.....ugagguaguauUguuuguuauagu.....	32	1	GDM
.....ugagguaguagguuAuuuauagu.....	139	1	GDM
.....ugagguaguagguuguuauagu.....	266	1	GDM
.....ugagguaguagguuguuauagu.....	62	1	GDM
.....uAagguaguagguuguuauagu.....	114	1	GDM

ugggaugagguaguagguuguuaguuuuaggguccacacccaccacugggagauaacuaaacaauacuacugucuuuccua

.....ugagguaguagguuguuauu.....	15	1	GDM
.....ugagguaguagguuguuauuG.....	301	1	GDM
.....ugagguaguagguuguGauaguu.....	10	1	GDM
.....ugagguaguagguuguCuaguu.....	9	1	GDM
.....ugagguaguagguuguuu.....	8	1	GDM
.....ugagguaguagguuguuu.....	54	1	GDM
.....ugagguaguagguuguuuagGu.....	58	1	GDM
.....ugUgguaguagguuguuu.....	102	1	GDM
.....ugaUgguaguagguuguuu.....	20	1	GDM
.....Ggagguaguagguuguuu.....	128	1	GDM
.....uAagguaguagguuguuu.....	114	1	GDM
.....ugagguaguagguuguuuauu.....	1555	1	GDM
.....ugagguaguagguuguuuUggu.....	84	1	GDM
.....ugagguaguagguuuCuauaguu.....	24	1	GDM
.....ugagUuaguagguuguuu.....	5	1	GDM
.....ugagguaguagguuguuuGuaaguu.....	506	1	GDM
.....ugagguaguagguuguuu.....	54	1	GDM
.....ugagguaguagguuguuu.....	9	1	GDM
.....ugaggGaguagguuguuu.....	39	1	GDM
.....ugagguaguagguuguuu.....	73	1	GDM
.....ugagguGguagguuguuu.....	214	1	GDM
.....ugagguaguagguuguuuagCu.....	416	1	GDM
.....ugagguUguagguuguuu.....	71	1	GDM
.....ugagguaguagguugCauaguu.....	302	1	GDM
.....ugagguCguagguuguuu.....	30	1	GDM
.....ugagguaguagguGguuu.....	38	1	GDM
.....ugagguaguagguuguuuagAu.....	51	1	GDM
.....ugaAguagguuguuu.....	112	1	GDM
.....ugagguAuagguuguuu.....	95	1	GDM
.....Ggagguaguagguuguuu.....	128	1	GDM
.....ugGgguaguagguuguuu.....	465	1	GDM
.....ugaggCaguagguuguuu.....	266	1	GDM
.....ugagguaguagguuguuuagC.....	6522	1	GDM
.....ugagguaguagguuguuu.....	9	1	GDM
.....uCagguaguagguuguuu.....	1	1	GDM
.....ugagguaguagguugAuaguu.....	58	1	GDM
.....Agagguaguagguuguuu.....	205	1	GDM
.....ugaggCaguagguuguuu.....	266	1	GDM
.....ugCgguaguagguuguuu.....	15	1	GDM
.....ugagguaguagguugGauaguu.....	10	1	GDM
.....ugagguaguagCuuguuu.....	48	1	GDM
.....ugagguaguagguuuauu.....	15	1	GDM
.....ugagguaguagguuguuuCguu.....	11	1	GDM
.....Cgagguaguagguuguuu.....	422	1	GDM
.....ugagguaguagCuuguuu.....	48	1	GDM
.....ugagguaguagguuuCguu.....	11	1	GDM
.....ugagguaguagguuguuuagGu.....	58	1	GDM
.....ugagguaguagguuuAuaguu.....	139	1	GDM
.....ugagguaguagguuguuagGauu.....	10	1	GDM
.....uUagguaguagguuguuu.....	13	1	GDM
.....ugagUuaguagguuguuu.....	5	1	GDM
.....ugagCuaguagguuguuu.....	13	1	GDM
.....ugagguaguagguCguuu.....	391	1	GDM
.....ugagguaguGgguuguuu.....	299	1	GDM
.....ugagguaguagguuuguu.....	68	1	GDM
.....ugaCguaguagguuguuu.....	12	1	GDM
.....ugagguaguagguuuauu.....	2	1	GDM
.....ugagguagCagguuguuu.....	250	1	GDM
.....ugagguaguagguuguuu.....	80128	0	GDM
.....ugagguaguagUuuguuu.....	702	1	GDM
.....ugagguaguagguuguuagCaguu.....	369	1	GDM
.....ugagguGguagguuguuu.....	214	1	GDM
.....ugagguaguagguCguuu.....	391	1	GDM
.....ugagguaguagguCguuu.....	38	1	GDM
.....ugaggAguagguuguuu.....	62	1	GDM
.....ugagguaguUgguuguuu.....	78	1	GDM
.....ugagguaguagguuguuuagGu.....	301	1	GDM
.....ugaggCaguagguuguuu.....	39	1	GDM
.....ugagguaguagUuuguuu.....	702	1	GDM

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaacaauacuugucuuuccua

.....ugagguaguagguuguuGuaguuu.....	506	1	GDM
.....ugagguaguagguuguuauaguuu.....	80128	0	GDM
.....ugagguaguagguuguuauaguuu.....	62	1	GDM
.....ugagguaguagguuguuauaguuu.....	380	1	GDM
.....ugagguaguagguuguuauaguuu.....	58	1	GDM
.....ugagguaguagguuguuauaguuu.....	128	1	GDM
.....ugagguaguagguuguuauaguuu.....	23	1	GDM
.....ugagguaguagguuguuauaguuu.....	250	1	GDM
.....ugagguaguagguuguuauaguuu.....	68	1	GDM
.....ugagguaguagguuguuauaguuu.....	83	1	GDM
.....ugagguaguagguuguuauaguuu.....	10	1	GDM
.....ugagguaguagguuguuauaguuu.....	54	1	GDM
.....ugagguaguagguuguuauaguuu.....	87	1	GDM
.....ugagguaguagguuguuauaguuu.....	58	1	GDM
.....ugagguaguagguuguuauaguuu.....	422	1	GDM
.....ugagguaguagguuguuauaguuu.....	416	1	GDM
.....ugagguaguagguuguuauaguuu.....	121	1	GDM
.....ugagguaguagguuguuauaguuu.....	87	1	GDM
.....ugagguaguagguuguuauaguuu.....	78	1	GDM
.....ugagguaguagguuguuauaguuu.....	58	1	GDM
.....ugagguaguagguuguuauaguuu.....	8	1	GDM
.....ugagguaguagguuguuauaguuu.....	13	1	GDM
.....ugagguaguagguuguuauaguuu.....	121	1	GDM
.....ugagguaguagguuguuauaguuu.....	15	1	GDM
.....ugagguaguagguuguuauaguuu.....	30	1	GDM
.....ugagguaguagguuguuauaguuu.....	380	1	GDM
.....ugagguaguagguuguuauaguuu.....	13	1	GDM
.....ugagguaguagguuguuauaguuu.....	299	1	GDM
.....ugagguaguagguuguuauaguuu.....	39	1	GDM
.....ugagguaguagguuguuauaguuu.....	18	1	GDM
.....ugagguaguagguuguuauaguuu.....	114	1	GDM
.....ugagguaguagguuguuauaguuu.....	23	1	GDM
.....ugagguaguagguuguuauaguuu.....	299	1	GDM
.....ugagguaguagguuguuauaguuu.....	71	1	GDM
.....ugagguaguagguuguuauaguuu.....	121	1	GDM
.....ugagguaguagguuguuauaguuu.....	302	1	GDM
.....ugagguaguagguuguuauaguuu.....	84	1	GDM
.....ugagguaguagguuguuauaguuu.....	369	1	GDM
.....ugagguaguagguuguuauaguuu.....	83	1	GDM
.....ugagguaguagguuguuauaguuu.....	114	1	GDM
.....ugagguaguagguuguuauaguuu.....	71	1	GDM
.....ugagguaguagguuguuauaguuu.....	12	1	GDM
.....ugagguaguagguuguuauaguuu.....	6522	1	GDM
.....ugagguaguagguuguuauaguuu.....	18	1	GDM
.....ugagguaguagguuguuauaguuu.....	114	1	GDM
.....ugagguaguagguuguuauaguuu.....	13	1	GDM
.....ugagguaguagguuguuauaguuu.....	13	1	GDM
.....ugagguaguagguuguuauaguuu.....	18	1	GDM
.....ugagguaguagguuguuauaguuu.....	24	1	GDM
.....ugagguaguagguuguuauaguuu.....	214	1	GDM
.....ugagguaguagguuguuauaguuu.....	20	1	GDM
.....ugagguaguagguuguuauaguuu.....	205	1	GDM
.....ugagguaguagguuguuauaguuu.....	23	1	GDM
.....ugagguaguagguuguuauaguuu.....	10	1	GDM
.....ugagguaguagguuguuauaguuu.....	68	1	GDM
.....ugagguaguagguuguuauaguuu.....	73	1	GDM
.....ugagguaguagguuguuauaguuu.....	302	1	GDM
.....ugagguaguagguuguuauaguuu.....	15	1	GDM
.....ugagguaguagguuguuauaguuu.....	422	1	GDM
.....ugagguaguagguuguuauaguuu.....	58	1	GDM
.....ugagguaguagguuguuauaguuu.....	78	1	GDM
.....ugagguaguagguuguuauaguuu.....	48	1	GDM
.....ugagguaguagguuguuauaguuu.....	23	1	GDM
.....ugagguaguagguuguuauaguuu.....	73	1	GDM
.....ugagguaguagguuguuauaguuu.....	13	1	GDM
.....ugagguaguagguuguuauaguuu.....	51	1	GDM
.....ugagguaguagguuguuauaguuu.....	702	1	GDM
.....ugagguaguagguuguuauaguuu.....	6522	1	GDM
.....ugagguaguagguuguuauaguuu.....	32	1	GDM

ugggaugagguaguagguuguuaguuuuaggguccacacccaccacugggagauaacuaaacaaucaucugucuuuccua

....ugaCguaguagguuguuauaguu.....	12	1	GDM
....ugagguaguagguuguuGuaguu.....	506	1	GDM
....ugagguaguagguuguuCaaguu.....	369	1	GDM
....uUagguaguagguuguuauaguu.....	13	1	GDM
....ugagguaguagguuuCuuaaguu.....	24	1	GDM
....ugaUguaguagguuguuauaguu.....	20	1	GDM
....ugagguaguagguuguuAaaguu.....	58	1	GDM
....ugagguaguagguCuguaaguu.....	380	1	GDM
....ugUgguaguagguuguuauaguu.....	102	1	GDM
....ugagguaguagguuuAuaaguu.....	139	1	GDM
....ugaAguaguagguuguuauaguu.....	112	1	GDM
....ugagguaguagguuAguuauaguu.....	114	1	GDM
....ugagguaguagguuUguuauaguu.....	32	1	GDM
....ugagUuaguagguuguuauaguu.....	5	1	GDM
....Aagguaguagguuguuauaguu.....	205	1	GDM
....ugagguauUuagguuguuauaguu.....	23	1	GDM
....ugGgguaguagguuguuauaguu.....	465	1	GDM
....ugagguaguagguuguuauUguu.....	84	1	GDM
....ugagguaguagguuguuauagCu.....	416	1	GDM
....ugagguaguagguuguuauaguuA.....	1555	1	GDM
....ugagguaguagguuguuauaguuA.....	1555	1	GDM
....ugagguaguagguuguuauaguuA.....	51	1	GDM
....ugagguaguagguuguuauaguuG.....	301	1	GDM
....ugagguaguagguugAuaaguu.....	58	1	GDM
....ugagguaguagguuguuauaguu.....	87	1	GDM
....ugagguaguagguGuguaaguu.....	23	1	GDM
....ugagguaguagguCguuaguu.....	8	1	GDM
....ugCgguaguagguuguuauaguu.....	15	1	GDM
....ugagguaguagguuguuauaguu.....	80128	0	GDM
....ugagguaguagguCguuauaguu.....	391	1	GDM
....ugagguauAuaagguuguuauaguu.....	95	1	GDM
....ugagguagCagguuguuauaguu.....	250	1	GDM
....ugagguaguagguGguuauaguu.....	38	1	GDM
....ugagguaguagguuguuauaguuuu.....	772	0	GDM
....ugagguCguagguuguuauaguuuu.....	4	1	GDM
....ugUgguaguagguuguuauaguuuu.....	1	1	GDM
....ugagguaguagguuguuauaguuuu.....	2	1	GDM
....ugagguagGagguuguuauaguuuu.....	13	1	GDM
....ugagguGguagguuguuauaguuuu.....	3	1	GDM
....ugagguagGagguuguuauaguuuu.....	13	1	GDM
....ugagguaguagguCguuauaguuuu.....	6	1	GDM
....ugagguaguagguuguuauaguuuu.....	772	0	GDM
....ugagguaguagguCuguaaguuuu.....	3	1	GDM
....ugGgguaguagguuguuauaguuuu.....	7	1	GDM
....ugagguaguagguuguuauaguuuu.....	1	1	GDM
....ugagguCguagguuguuauaguuuu.....	4	1	GDM
....ugagguaguagguCguuauaguuuu.....	6	1	GDM
....ugagguaguagguCguuauaguuuu.....	6	1	GDM
....ugagguaguagguuguuauaguuCu.....	3	1	GDM
....ugagguagCagguuguuauaguuuu.....	4	1	GDM
....ugagguaguagguuguuauaguuA.....	1	1	GDM
....ugagguaguagguuguuauaguuuuA.....	280	1	GDM
....ugagguaguagguCuguaaguuuu.....	3	1	GDM
....ugagguaguagguuguuauaguuuu.....	772	0	GDM
....Ggagguaguagguuguuauaguuuu.....	3	1	GDM
....ugagguaguCgguuguuauaguuuu.....	1	1	GDM
....ugagguaguagguuguuauaguuuuA.....	280	1	GDM
....Cgagguaguagguuguuauaguuuu.....	2	1	GDM
....Aagguaguagguuguuauaguuuu.....	1	1	GDM
....ugGgguaguagguuguuauaguuuu.....	7	1	GDM
....ugagguaguagguuguuGuaguuuu.....	5	1	GDM
....ugagguaguagguuguuauaguuCu.....	3	1	GDM
....ugagguaguagguugCauaguuuu.....	3	1	GDM
....ugagguaguagguuguuauagCu.....	2	1	GDM
....ugagguaguagguuguuauaguuuuG.....	128	1	GDM
....ugagguaguagguuAguuauaguuuu.....	1	1	GDM
....ugagguaguagguugCauaguuuu.....	3	1	GDM
....ugagguaguagguuUguuauaguuuu.....	1	1	GDM
....ugagguaguagguuUuaguuauaguuuu.....	4	1	GDM

ugggaugagguaguagguuguuaguuuagggucacacccaccacugggagauaacuaucacucugucuuuccua

.....ugagguaguagguuguCuaguuu.....	1	1	GDM
.....ugagguaguagguuguuauaguuC.....	45	1	GDM
.....ugagguaguagUuuuguauaguuu.....	4	1	GDM
.....ugagguagCagguuguauaguuu.....	4	1	GDM
.....ugagguagGgguguauaguuu.....	4	1	GDM
.....ugagguagGagguuguauaguuu.....	13	1	GDM
.....ugagguaguagguuguuUuaguuu.....	1	1	GDM
.....ugaggCaguagguuguauaguuu.....	3	1	GDM
.....ugagguaguagguuguauaguuC.....	45	1	GDM
.....Ggagguaguagguuguauaguuu.....	3	1	GDM
.....ugagguagAagguuguauaguuu.....	1	1	GDM
.....ugagguGguagguuguauaguuu.....	3	1	GDM
.....ugagguaguGgguguauaguuu.....	4	1	GDM
.....ugagguaguagguuguauaguuG.....	128	1	GDM
.....ugagguaguagggCuuguauaguuu.....	3	1	GDM
.....ugagguaguagguuguauaguuC.....	45	1	GDM
.....ugagguaguagguuguauagCu.....	2	1	GDM
.....ugagguaguagguuguauaguuA.....	280	1	GDM
.....ugaggCaguagguuguauaguuu.....	3	1	GDM
.....ugagguaguagguuguauaguuG.....	128	1	GDM
.....ugGgguaguagguuguauaguuu.....	7	1	GDM
.....ugagguaguagguuguuGuaguuu.....	5	1	GDM
.....ugaAguaguagguuguauaguuu.....	1	1	GDM
.....ugagguaguagguuguauaguuuu.....	17	0	GDM
.....ugagguaguagggGuuguauaguuuu.....	1	1	GDM
.....ugagguGguagguuguauaguuuu.....	1	1	GDM
.....ugagguaguagguuguauaguuuC.....	1	1	GDM
.....ugagguagGagguuguauaguuuu.....	2	1	GDM
.....ugagguaguagguuguauaguuuAu.....	4	1	GDM
.....ugagguaguagguuguauaguuGu.....	5	1	GDM
.....ugagguaguagguuguauGguuuu.....	9	1	GDM
.....ugagguaguagguuguauaguuuu.....	17	0	GDM
.....ugagguaguagguuguauaguuGu.....	5	1	GDM
.....ugagguaguagggCuuguauaguuuu.....	1	1	GDM
.....ugagguaguagguuguauaguuCu.....	1	1	GDM
.....ugagguaguagguuguauaguuuu.....	17	0	GDM
.....ugagguagGagguuguauaguuuu.....	2	1	GDM
.....ugagguaguagguuguauaguuuAu.....	4	1	GDM
.....ugagguaguagguuguauaguuuCa.....	2	1	GDM
.....ugagguaguagguuguauaguuuuC.....	2	1	GDM
.....ugagguaguagguuguauaguuuGa.....	1	1	GDM
.....ugagguaguagguuguauaguuuuU.....	3	1	GDM
.....ugagguaguagguuguauaguuuuU.....	3	1	GDM
.....ugagguaguagguuguauaguuuuag.....	4	0	GDM
.....ugagguaguagguuguauaguuuuagg.....	1	0	GDM
.....gagguaguagguuguauag.....	1	0	GDM
.....gagguaguagguuguauagC.....	1	1	GDM
.....gagguaguagguuguauaguu.....	17	0	GDM
.....gagguaguagguuguauaguu.....	17	0	GDM
.....gagguuAuagguuguauaguu.....	2	1	GDM
.....gagguaguagguuguauaguu.....	9	0	GDM
.....gagguaguagguCguauaguu.....	1	1	GDM
.....Uagguaguagguuguauaguu.....	3	1	GDM
.....gagguaguagguuguauaguu.....	9	0	GDM
.....gagguaguagguuguauaguu.....	9	0	GDM
.....Aagguaguagguuguauaguu.....	2	1	GDM
.....agguaguagguuguauaguu.....	1	0	GDM
.....agguaguagguAguauaguu.....	1	1	GDM
.....agguaguagguuguauaguu.....	1	0	GDM
.....agguaguagUuuuguauaguuuu.....	2	1	GDM
.....Uguaguagguuguauaguu.....	2	1	GDM
.....guaguagguuguauaguu.....	1	0	GDM
.....guaguagguuguauagGu.....	1	1	GDM
.....uaguagguuguauaguuuu.....	1	0	GDM
.....uuagggucacacccaccacuggga.....	2	0	GDM
.....cuaucacacCcuacugucuu.....	1	1	GDM
.....cuauaUaauucucugucuu.....	1	1	GDM
.....cuaucacacucugucuu.....	1	1	GDM
.....cuaCacaauucucugucuu.....	1	1	GDM

ugggaugagguaguagguuguauuuuaggguccacacccaccacugggagauaacuaaucaaucuacugucuuuccua

.....cuauacaaAacuacugucuuu....	1	1	GDM
.....cuauacaaucCacugucuuu....	1	1	GDM
.....cuaCacaauucacugucuuuc...	1	1	GDM
.....uauacaaucacugCcuuu....	1	1	GDM
.....uauacaaucacugucuuu....	6	0	GDM
.....uauacaaucacugucuuu....	6	0	GDM
.....uauacaaucacugucuuucU..	1	1	GDM
...Aaugagguaguagguuguauu.....	1	1	Z2_
...Aaugagguaguagguuguauuagu.....	4	1	Z2_
...augagguaguagguuguauu.....	1	0	Z2_
...Cugagguaguagguuguauua.....	3	1	Z2_
...Cugagguaguagguuguauuagu.....	11	1	Z2_
...augagguaguagguuguauuaguuu.....	8	0	Z2_
...augagguaguagguCguauaguuu.....	1	1	Z2_
...Cugagguaguagguuguauuaguuu.....	9	1	Z2_
...aAgagguaguagguuguauuaguuu.....	1	1	Z2_
...ugagguaguGgguuguauu.....	9	1	Z2_
...ugagguaguagguuguauu.....	2097	0	Z2_
...ugagguaguagguugAau.....	1	1	Z2_
...ugagguaguagguuAuu.....	1	1	Z2_
...ugagguaguagguugCau.....	5	1	Z2_
...ugagguaguUgguuguauu.....	2	1	Z2_
...ugGgguaguagguuguauu.....	22	1	Z2_
...ugagguagAagguuguauu.....	1	1	Z2_
...ugagguaguagUuuguauu.....	338	1	Z2_
...ugUgguaguagguuguauu.....	3	1	Z2_
...ugagguGguagguuguauu.....	3	1	Z2_
...ugaggAaguagguuguauu.....	1	1	Z2_
...ugCgguaguagguuguauu.....	1	1	Z2_
...ugaggCaguagguuguauu.....	7	1	Z2_
...ugagguaguagguuguuaC.....	129	1	Z2_
...ugagAuuaguagguuguauu.....	2	1	Z2_
...ugagguaguagguCguauu.....	19	1	Z2_
...ugagguaguagguuguuUu.....	2	1	Z2_
...ugagguaguagguGguauu.....	2	1	Z2_
...ugagguagCagguuguauu.....	3	1	Z2_
...ugaAguaguagguuguauu.....	4	1	Z2_
...ugagguaguagCuuguauu.....	1	1	Z2_
...Cgagguaguagguuguauu.....	11	1	Z2_
...ugagguaguagguugGau.....	2	1	Z2_
...ugagguaguagguAguauu.....	1	1	Z2_
...ugagguaAuuagguuguauu.....	2	1	Z2_
...Cgagguaguagguuguauu.....	1	1	Z2_
...uAagguaguagguuguauu.....	2	1	Z2_
...ugagguaguagguuguuaA.....	27	1	Z2_
...ugagguaguagguCuguaau.....	8	1	Z2_
...ugagguuaUuagguuguauu.....	1	1	Z2_
...ugagguaguagguuguuaG.....	7	1	Z2_
...Agagguaguagguuguauu.....	2	1	Z2_
...ugagguaguagguugCaua.....	1	1	Z2_
...ugagguaguGgguuguuaa.....	2	1	Z2_
...ugagguaguagguuguuaU.....	1	1	Z2_
...ugagguuaUuagguuguuaa.....	2	1	Z2_
...ugGgguaguagguuguuaa.....	6	1	Z2_
...ugagguaguagguuguuaa.....	417	0	Z2_
...ugagguaguagguGguuaa.....	1	1	Z2_
...ugagguGguagguuguuaa.....	2	1	Z2_
...ugagguaguagguuguuaCa.....	3	1	Z2_
...ugagguaguagguuguGua.....	4	1	Z2_
...ugagguaguagguCguuaa.....	2	1	Z2_
...ugagguuaAuuagguuguuaa.....	2	1	Z2_
...ugagguaguagUuuguuaa.....	9	1	Z2_
...uAagguaguagguuguuaa.....	1	1	Z2_
...ugagguaguagguCuguaa.....	1	1	Z2_
...ugagguaguagguuUuuaa.....	1	1	Z2_
...ugagguagCagguuguuaa.....	3	1	Z2_
...ugagguaguUgguuguuaa.....	1	1	Z2_
...ugagguagAagguuguuaa.....	1	1	Z2_

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaaacaaucaucugucuuuccua

.....ugUgguaguagguuguuaa.....	2	1	Z2_
.....ugaAguaguagguuguuaag.....	7	1	Z2_
.....ugGgguaguagguuguuaag.....	18	1	Z2_
.....ugagguaguaUgguuguuaag.....	4	1	Z2_
.....ugUgguaguagguuguuaag.....	11	1	Z2_
.....ugagguaguagguuguuaCag.....	6	1	Z2_
.....ugagguaguagguuAguuaag.....	1	1	Z2_
.....ugagguaguagUuuguuaag.....	8	1	Z2_
.....ugaggCaguagguuguuaag.....	8	1	Z2_
.....ugagguaguagguuguuaAag.....	3	1	Z2_
.....ugagAuaaguagguuguuaag.....	1	1	Z2_
.....ugagguagCagguuguuaag.....	8	1	Z2_
.....ugaggGaguagguuguuaag.....	1	1	Z2_
.....ugagguaguGgguuguuaag.....	10	1	Z2_
.....ugagguuaUuagguuguuaag.....	2	1	Z2_
.....ugaUgguaguagguuguuaag.....	2	1	Z2_
.....ugagguaguagguuguuaaA.....	120	1	Z2_
.....ugagguaguagguuguuaaC.....	8	1	Z2_
.....uAagguaguagguuguuaag.....	1	1	Z2_
.....Cgagguaguagguuguuaag.....	18	1	Z2_
.....ugagguaguagguCuguuaag.....	15	1	Z2_
.....ugagguaguagguuguuaag.....	2949	0	Z2_
.....ugagguGguagguuguuaag.....	6	1	Z2_
.....ugagUuaguagguuguuaag.....	1	1	Z2_
.....ugagguaguagguuguuGuag.....	9	1	Z2_
.....ugagguaguagguuAuaaag.....	8	1	Z2_
.....ugaggAaguagguuguuaag.....	1	1	Z2_
.....Agagguaguagguuguuaag.....	5	1	Z2_
.....ugagguaguUgguuguuaag.....	5	1	Z2_
.....ugagguaguaAguuguuaag.....	3	1	Z2_
.....ugagguaguagguuguuaaU.....	6	1	Z2_
.....ugagguuaAuaagguuguuaag.....	2	1	Z2_
.....ugagguaguagguCguuaag.....	10	1	Z2_
.....ugagguagAagguuguuaag.....	1	1	Z2_
.....ugagguaguagguugCauaag.....	17	1	Z2_
.....ugagguCguagguuguuaag.....	1	1	Z2_
.....ugagguaguagguCguuaag.....	1	1	Z2_
.....ugagguaguagguAguuaaag.....	2	1	Z2_
.....ugUgguaguagguuguuaaagu.....	31	1	Z2_
.....Agagguaguagguuguuaaagu.....	51	1	Z2_
.....ugagguaguaAguuguuaaagu.....	34	1	Z2_
.....ugagguaguagguAguuaaagu.....	22	1	Z2_
.....ugagguagCagguuguuaaagu.....	91	1	Z2_
.....ugagguaguagguuguuaaagG.....	90	1	Z2_
.....ugagguuaCuagguuguuaaagu.....	1	1	Z2_
.....ugaAguaguagguuguuaaagu.....	54	1	Z2_
.....ugagguaguagCuuguuaaagu.....	7	1	Z2_
.....ugagguaguagguuguCuagu.....	6	1	Z2_
.....ugagAuaaguagguuguuaaagu.....	39	1	Z2_
.....ugagguaguagguuguuGuagu.....	124	1	Z2_
.....uUagguaguagguuguuaaagu.....	11	1	Z2_
.....ugagguaguagguuguuaaUu.....	9	1	Z2_
.....ugagguaguCgguuguuaaagu.....	5	1	Z2_
.....ugagguaguagguugCauagu.....	101	1	Z2_
.....Ggagguaguagguuguuaaagu.....	29	1	Z2_
.....ugaggCaguagguuguuaaagu.....	82	1	Z2_
.....ugagguaguagguuguuaGagu.....	3	1	Z2_
.....ugagguaguagguuAguuaaagu.....	27	1	Z2_
.....ugagguagAagguuguuaaagu.....	28	1	Z2_
.....ugagguaguagguuUuaaagu.....	3	1	Z2_
.....ugagguaguagguCguuaaagu.....	141	1	Z2_
.....ugagguaguagguuAuaaagu.....	43	1	Z2_
.....ugagguuaUuagguuguuaaagu.....	6	1	Z2_
.....ugagguaguGgguuguuaaagu.....	98	1	Z2_
.....ugagguaguagguCuguuaaagu.....	127	1	Z2_
.....ugagguaguagguuguuaagC.....	1702	1	Z2_
.....ugagguaguagguCguuaaagu.....	7	1	Z2_
.....ugGgguaguagguuguuaaagu.....	176	1	Z2_
.....ugagguaguagguuguuaagA.....	263	1	Z2_

ugggaugagguaguagguuguuagggucacacccaccacugggagauaacuaacaaucaucugucuuuccua

.....ugagguaguagguuguuagguu.....	85	1	Z2_
.....ugagguauauagguuguuauagu.....	19	1	Z2_
.....ugagguaguagguuguuaggu.....	3	1	Z2_
.....ugCgguaguagguuguuauagu.....	4	1	Z2_
.....ugagguaguagguuCuauagu.....	3	1	Z2_
.....ugagguaguagguuguuauaCu.....	1	1	Z2_
.....uAagguaguagguuguuauagu.....	42	1	Z2_
.....ugagguaguagguuguuauUgu.....	29	1	Z2_
.....ugagguaguagguuguuauagu.....	28443	0	Z2_
.....ugagguaguagguuguuauagu.....	8	1	Z2_
.....ugaggGaguagguuguuauagu.....	19	1	Z2_
.....ugagguaguagguuguuauAagu.....	17	1	Z2_
.....ugaggAaguagguuguuauagu.....	20	1	Z2_
.....ugagguaguagguuguuauAuu.....	35	1	Z2_
.....Cgagguaguagguuguuauagu.....	128	1	Z2_
.....ugagguaguagguuguuauCgu.....	8	1	Z2_
.....ugagUuaguagguuguuauagu.....	5	1	Z2_
.....ugagguaguauUguuguuauagu.....	5	1	Z2_
.....ugagguaguagguuguuauUuagu.....	13	1	Z2_
.....ugagguaguagguuguuauAuu.....	22	1	Z2_
.....ugagguCguagguuguuauagu.....	18	1	Z2_
.....ugaUguaguagguuguuauagu.....	7	1	Z2_
.....ugagguGguagguuguuauagu.....	93	1	Z2_
.....ugagguaguUgguuguuauagu.....	16	1	Z2_
.....ugagguaguagUuuuguuauagu.....	122	1	Z2_
.....ugagguaguagguuguuauCuu.....	110	1	Z2_
.....ugagguaguagguuAguuauagu.....	38	1	Z2_
.....ugUgguaguagguuguuauagu.....	37	1	Z2_
.....ugCgguaguagguuguuauagu.....	13	1	Z2_
.....ugagguGguagguuguuauagu.....	113	1	Z2_
.....ugaggGaguagguuguuauagu.....	13	1	Z2_
.....ugGgguaguagguuguuauagu.....	183	1	Z2_
.....ugagguaguagguCguuauagu.....	140	1	Z2_
.....ugagguaguagguuguuauCgu.....	9	1	Z2_
.....Aagguaguagguuguuauagu.....	72	1	Z2_
.....ugagguaguagguuguuauagGu.....	17	1	Z2_
.....ugagguaguauCguuuguuauagu.....	2	1	Z2_
.....ugagguaguagguCguuauagu.....	135	1	Z2_
.....ugagguaguagguuguuauAuu.....	21	1	Z2_
.....ugagguauCuagguuguuauagu.....	3	1	Z2_
.....ugagguUguagguuguuauagu.....	25	1	Z2_
.....ugaggCaguagguuguuauagu.....	110	1	Z2_
.....ugagguaguCgguuguuauagu.....	3	1	Z2_
.....ugagguaguagguuguuauAgu.....	29	1	Z2_
.....ugagguaguGgguuguuauagu.....	106	1	Z2_
.....ugagguaguagCuuguuauagu.....	8	1	Z2_
.....ugagguaguagguuguuauUuu.....	7	1	Z2_
.....ugagguaguagguGguuauagu.....	8	1	Z2_
.....ugagguaguauAguuuguuauagu.....	39	1	Z2_
.....ugagguauauagguuguuauagu.....	40	1	Z2_
.....ugagguaguagguuguuauagCu.....	162	1	Z2_
.....ugagguaguagguuguuauUgu.....	35	1	Z2_
.....ugagguaguagguuguuauaguG.....	75	1	Z2_
.....ugagguaguUgguuguuauagu.....	14	1	Z2_
.....ugagguaguagguuguuauCagu.....	100	1	Z2_
.....ugagguaguagguuCuauagu.....	11	1	Z2_
.....Ggagguaguagguuguuauagu.....	35	1	Z2_
.....ugagguaguagUuuuguuauagu.....	197	1	Z2_
.....uUagguaguagguuguuauagu.....	3	1	Z2_
.....ugagguaguauUguuguuauagu.....	3	1	Z2_
.....ugagguaguagguuguuauagu.....	3	1	Z2_
.....ugagguaguagguuguuauaguA.....	359	1	Z2_
.....ugagCuaguagguuguuauagu.....	3	1	Z2_
.....ugaUguaguagguuguuauagu.....	5	1	Z2_
.....ugaAguaguagguuguuauagu.....	40	1	Z2_
.....ugagguagCagguuguuauagu.....	78	1	Z2_
.....ugagguaguagguuUuuauagu.....	8	1	Z2_
.....ugagguaguagguuguuauGagu.....	2	1	Z2_
.....ugagguaguagguuAuuauagu.....	54	1	Z2_

ugggaugagguaguagguuguuaguuuuaggguccacacccaccacugggagauaacuaucacucucugucuuuccua

.....uAagguaguagguuguuauaguu.....	47	1	Z2_
.....ugagguagAagguuguuauaguu.....	21	1	Z2_
.....uCagguaguagguuguuauaguu.....	3	1	Z2_
.....ugagguaguagguuguuauaguu.....	38	1	Z2_
.....ugagguaguagguuguuauaguu.....	21	1	Z2_
.....ugagguaguagguuguuauaguuC.....	1995	1	Z2_
.....ugagguaguagguuguuauaguu.....	7	1	Z2_
.....ugagguaguagguuguuauaguu.....	9	1	Z2_
.....ugagguaguagguuguuauaguu.....	12	1	Z2_
.....ugagguaguagguuguuauaguu.....	6	1	Z2_
.....ugagguaguagguuguuauaguu.....	6	1	Z2_
.....ugagguaguagguuguuauaguu.....	2	1	Z2_
.....Cgagguaguagguuguuauaguu.....	150	1	Z2_
.....ugagguaguagguuguuauaguu.....	23	1	Z2_
.....ugagguaguagguuguuauaguu.....	25	1	Z2_
.....ugagguaguagguuguuauaguu.....	171	1	Z2_
.....ugagguaguagguuguuauaguu.....	30670	0	Z2_
.....ugagguaguagguuguuauaguu.....	1	1	Z2_
.....ugagguaguagguuguuauaguu.....	1	1	Z2_
.....ugaUguaguagguuguuauaguu.....	9	1	Z2_
.....ugagguaguagguuguuauaguuG.....	64	1	Z2_
.....ugagguaguagguuguuauaguu.....	3	1	Z2_
.....ugagguaguagguuguuauaguuCu.....	3	1	Z2_
.....ugGgguaguagguuguuauaguu.....	2	1	Z2_
.....ugagguaguagguuguuauaguuA.....	160	1	Z2_
.....ugCgguaguagguuguuauaguu.....	1	1	Z2_
.....ugagguaguagguuguuauaguu.....	4	1	Z2_
.....ugagguaguagguuguuauaguu.....	4	1	Z2_
.....ugagguaguagguuguuauaguu.....	1	1	Z2_
.....ugagguaguagguuguuauaguu.....	1	1	Z2_
.....Cgagguaguagguuguuauaguu.....	4	1	Z2_
.....ugagguaguagguuguuauaguu.....	350	0	Z2_
.....ugagguaguagguuguuauaguu.....	1	1	Z2_
.....ugagguaguagguuguuauaguu.....	7	1	Z2_
.....ugagguaguagguuguuauaguu.....	1	1	Z2_
.....ugagguaguagguuguuauaguu.....	2	1	Z2_
.....ugagguaguagguuguuauaguu.....	2	1	Z2_
.....ugagguaguagguuguuauaguuC.....	35	1	Z2_
.....ugagguaguagguuguuauaguu.....	3	1	Z2_
.....ugagguaguagguuguuauaguu.....	3	1	Z2_
.....ugagguaguagguuguuauaguu.....	3	0	Z2_
.....ugagguaguagguuguuauaguu.....	3	1	Z2_
.....ugagguaguagguuguuauaguu.....	2	1	Z2_
.....ugagguaguagguuguuauaguu.....	10	1	Z2_
.....ugagguaguagguuguuauaguu.....	4	0	Z2_
.....gagguaguagguuguuauaguuG.....	1	1	Z2_
.....Ugguaguagguuguuauaguu.....	3	1	Z2_
.....agguaguagguuguuauaguu.....	6	1	Z2_
.....guaguagguuguuauaguu.....	1	0	Z2_
.....uaguagguuguuauaguuuuagg.....	1	0	Z2_
.....uuagggucacacccaccacuggg.....	2	0	Z2_
.....uuagggucacacccaccacuggA.....	1	1	Z2_
.....cuaucacucucugucuuu.....	3	1	Z2_
.....cuaucacucucugucuuu.....	1	1	Z2_