



gagcugcuugccuccccccguuuuuuggcaauugguagaacucacacucaggugagguaacaggauccggugguucuaagacucugccaaacuauggggcgaggacucagccggcac

.....uuuggcaauugguagaacucacU.....	6	1	Z1_
.....uuuggUaaugguagaacucaca.....	2	1	Z1_
.....uuCggcaauugguagaacucaca.....	5	1	Z1_
.....uuuggcaauugguagaacCcaca.....	13	1	Z1_
.....uuUAggcaauugguagaacucaca.....	3	1	Z1_
.....uuuggcaauugguagaUcucaca.....	2	1	Z1_
.....uuuggcaauugguagaacucacC.....	3	1	Z1_
.....uuuggcaaAgguagaacucaca.....	2	1	Z1_
.....uuuggcaauugguagaacAcaca.....	1	1	Z1_
.....uuuggcaauugAuagaacucaca.....	4	1	Z1_
.....uuuggcaauugguagaacucUca.....	3	1	Z1_
.....uuuggcaauuggAagaacucaca.....	1	1	Z1_
.....uuuggcaauuggCagaacucaca.....	10	1	Z1_
.....uuuggcaauugguGgaacucaca.....	1	1	Z1_
.....Cuuggcaauugguagaacucaca.....	7	1	Z1_
.....uuuggcaauuggGagaacucaca.....	1	1	Z1_
.....uuuAgcaauugguagaacucaca.....	2	1	Z1_
.....uuuggcaauugguagUacucaca.....	1	1	Z1_
.....Auuggcaauugguagaacucaca.....	1	1	Z1_
.....uuuggcaauugguagaAuacaca.....	1	1	Z1_
.....uuuggcaauugguagaacucaUa.....	2	1	Z1_
.....uuuggcaGugguagaacucaca.....	4	1	Z1_
.....uuuggcaauugguagaGcucaca.....	8	1	Z1_
.....uuuggcaauugguagaacucacG.....	16	1	Z1_
.....uuuggcaauugguagaacuUaca.....	1	1	Z1_
.....uuuggcaauugguGgaacucaca.....	9	1	Z1_
.....uuugAcaaugguagaacucaca.....	2	1	Z1_
.....uuuggcaauugguagaacucaca.....	1298	0	Z1_
.....uuUggcaauugguagaacucaca.....	1	1	Z1_
.....uuuggcaauugguaAaacucaca.....	2	1	Z1_
.....Guuggcaauugguagaacucaca.....	1	1	Z1_
.....uuuggcaauugguaUaacucaca.....	1	1	Z1_
.....uuuggcaaCgguagaacucaca.....	4	1	Z1_
.....uuuggcaauugguagaacucacac.....	52	0	Z1_
.....uuuggcaauugguagaacucacaU.....	4	1	Z1_
.....uuuggcaauugguagaacucacaA.....	3	1	Z1_
.....uuuggcaauugguagaacAcacacu.....	3	1	Z1_
.....uuuggcaauugguagaacucacaAu.....	3	1	Z1_
.....uuuggcaauugUuagaacucacacu.....	1	1	Z1_
.....uuugCcauugguagaacucacacu.....	1	1	Z1_
.....uuuggcaauugAuagaacucacacu.....	1	1	Z1_
.....uuuggcaauugguagaacucacacG.....	20	1	Z1_
.....uuuggcaauugguagaacucCcacu.....	2	1	Z1_
.....Guuggcaauugguagaacucacacu.....	7	1	Z1_
.....uuuggcaaCgguagaacucacacu.....	8	1	Z1_
.....uuuCgcauugguagaacucacacu.....	1	1	Z1_
.....uuCggcaauugguagaacucacacu.....	15	1	Z1_
.....uuuggcaauugguagaacCcacacu.....	18	1	Z1_
.....uuuggcaauugguagaacucUcacu.....	1	1	Z1_
.....uuuggcaaAgguagaacucacacu.....	4	1	Z1_
.....uuuggcaauUguagaacucacacu.....	1	1	Z1_
.....uuuggcaauugguagaacucacacC.....	268	1	Z1_
.....uuuggcaCugguagaacucacacu.....	1	1	Z1_
.....uuuggGaaugguagaacucacacu.....	1	1	Z1_
.....uuuggcaauugguagaacucGcacu.....	13	1	Z1_
.....uuuggAaaugguagaacucacacu.....	2	1	Z1_
.....uuuggcaauugguagaacucacGcu.....	6	1	Z1_
.....Cuuggcaauugguagaacucacacu.....	20	1	Z1_
.....uuuggcaauuggGagaacucacacu.....	2	1	Z1_
.....uuuggcaGugguagaacucacacu.....	10	1	Z1_
.....uuuggcaauugguGgaacucacacu.....	11	1	Z1_
.....uuugAcaaugguagaacucacacu.....	4	1	Z1_
.....uuuggcaauugguagaacucacacA.....	85	1	Z1_
.....uuuggcaauugguagaacucaUacu.....	5	1	Z1_
.....uuuUgcauugguagaacucacacu.....	1	1	Z1_
.....uuuggUaaugguagaacucacacu.....	5	1	Z1_
.....uuuggcaaGgguagaacucacacu.....	1	1	Z1_
.....uuuggcaauugguaAaacucacacu.....	5	1	Z1_
.....uuuggcaauugguaUaacucacacu.....	2	1	Z1_

gagcugcuugccucccccguuuuuuggcaauugguagaacucacacuggugagguaacaggauccggugguucuaagacuugccaaacuauuggggcgaggacucagccggcac

.....uuugUcaaugguagaacucacacu.....	4	1	Z1_
.....uuuggcGaugguagaacucacacu.....	18	1	Z1_
.....Auuggcaauugguagaacucacacu.....	4	1	Z1_
.....uuuggcaauuggAagaacucacacu.....	1	1	Z1_
.....uuuAgcaauugguagaacucacacu.....	5	1	Z1_
.....uuuggcaauugguagaGcucacacu.....	12	1	Z1_
.....uCuggcaauugguagaacucacacu.....	8	1	Z1_
.....uuuggcaauugguagaacuUacacu.....	6	1	Z1_
.....uuAggcaauugguagaacucacacu.....	2	1	Z1_
.....uuuggcaauugguagaacucacCcu.....	1	1	Z1_
.....uAuuggcaauugguagaacucacacu.....	3	1	Z1_
.....uuuggcaauugguagaacuAacacu.....	1	1	Z1_
.....uuuggcaauugguagaCucacacu.....	3	1	Z1_
.....uuuggcUaugguagaacucacacu.....	2	1	Z1_
.....uuuggcaauAguagaacucacacu.....	11	1	Z1_
.....uuuggcaauugguagaacucacacu.....	2877	0	Z1_
.....uuuggcaauuggCagaacucacacu.....	15	1	Z1_
.....uuuggcaauugguagUacucacacu.....	2	1	Z1_
.....uuuggcaauugguagaacucacacug.....	175	0	Z1_
.....uuuggcaGugguagaacucacacug.....	2	1	Z1_
.....uuugCcaauugguagaacucacacug.....	1	1	Z1_
.....uuuggcaauugguagaacAcacacug.....	1	1	Z1_
.....uuuggcaauugguagaacucGcacug.....	1	1	Z1_
.....uuuggcaauugguagaacucacacuA.....	17	1	Z1_
.....uuuggcaauuggCagaacucacacug.....	1	1	Z1_
.....uuuggcaauugguagaacuUacacug.....	3	1	Z1_
.....uAuuggcaauugguagaacucacacug.....	2	1	Z1_
.....uuuggcaauugguagaacucaUacug.....	1	1	Z1_
.....uuuggcaauugguagaacCcacacug.....	3	1	Z1_
.....uuuggcaauugguagaacucacacCg.....	10	1	Z1_
.....uuuggcaauugAuagaacucacacug.....	3	1	Z1_
.....uuCggcaauugguagaacucacacug.....	1	1	Z1_
.....uuuggcGaugguagaacucacacug.....	1	1	Z1_
.....uuuggcaauugguagaacucacacugU.....	14	1	Z1_
.....uuuggcaGugguagaacucacacugg.....	1	1	Z1_
.....uuuggcaauugguagaGcucacacugg.....	2	1	Z1_
.....uuuggcGaugguagaacucacacugg.....	2	1	Z1_
.....uuuggcaauugguagaacucacacugA.....	50	1	Z1_
.....uuuggcaauugguagaacCcacacugg.....	2	1	Z1_
.....uuuggcaauugguaAaacucacacugg.....	1	1	Z1_
.....uuuggcaauugguagaAAucacacugg.....	1	1	Z1_
.....uuuggcaauugguagaacucGcacugg.....	1	1	Z1_
.....uuuggcaauugguagaacucacacCgg.....	1	1	Z1_
.....uuuggcaauugguagaacucacacugC.....	1	1	Z1_
.....uuuggcaauAguagaacucacacugg.....	1	1	Z1_
.....uuuggcaauuggCagaacucacacugg.....	1	1	Z1_
.....uuuggcaauugguagaacucacacuAg.....	1	1	Z1_
.....uuuggcaGugguagaacucacacuggu.....	1	1	Z1_
.....uuggcaauugguagaacuca.....	1	0	Z1_
.....uuggcaauugguagaacucaca.....	1	0	Z1_
.....uuggcaauugguagaacucacacu.....	6	0	Z1_
.....uuggcaauugguagaacucacacug.....	1	0	Z1_
.....uuggcaauugguagaacCcacacug.....	1	1	Z1_
.....ugguucuaagacuugccaaacu.....	3	0	Z1_
.....uuuggcaacCgguagaacu.....	1	1	Z2_
.....uuuggcaauugguUgaacu.....	1	1	Z2_
.....uuuggcaauugguagaacu.....	109	0	Z2_
.....uuuggcaauugguagaacC.....	10	1	Z2_
.....uuugAcaauugguagaacuc.....	1	1	Z2_
.....Guuggcaauugguagaacuc.....	1	1	Z2_
.....uuuggcaauugguagGacuc.....	1	1	Z2_
.....uuuggcaauugguagaacuc.....	38	0	Z2_
.....uuuggcaauugguagaacuU.....	4	1	Z2_
.....uuuggcaauugguaAaacuca.....	1	1	Z2_
.....uuuggcaauugguagaacuUa.....	1	1	Z2_
.....uuuggcaauugguagaacuca.....	295	0	Z2_
.....uuuggcaGugguagaacuca.....	2	1	Z2_
.....uuuggcaauugguagaacucC.....	2	1	Z2_

gagcugcuugccucccccguuuuuggcaauugguagaacucacacuggugagguaacaggaucggugguucuaagacuuugggcgaggacucagccggcac

.....uuuggcaauugguagaacucG.....	2	1	Z2_
.....uuuggcaauugguagGacuca.....	2	1	Z2_
.....uuuggUaaugguagaacuca.....	1	1	Z2_
.....uCuuggcaauugguagaacuca.....	1	1	Z2_
.....uuuggcaauugguagaacCca.....	1	1	Z2_
.....Cuuggcaauugguagaacuca.....	1	1	Z2_
.....uuuggcaauugguGgaacuca.....	2	1	Z2_
.....uuCggcaauugguagaacuca.....	1	1	Z2_
.....uuuggcaauuggCagaacuca.....	1	1	Z2_
.....uuuggcaauugguagaacucU.....	5	1	Z2_
.....uuugCcaauugguagaacuca.....	2	1	Z2_
.....uuuggcGauugguagaacuca.....	2	1	Z2_
.....uuuggcaauAguagaacucac.....	1	1	Z2_
.....Guuggcaauugguagaacucac.....	1	1	Z2_
.....uuuggcaauugguagaGcucac.....	2	1	Z2_
.....uuuggcaauugguagUacucac.....	2	1	Z2_
.....uAuggcaauugguagaacucac.....	1	1	Z2_
.....uuuggcaauugguaAaacucac.....	1	1	Z2_
.....uuuggcaaCgguagaacucac.....	2	1	Z2_
.....uuuggcGauugguagaacucac.....	5	1	Z2_
.....uuuggcaauugguagaacucaU.....	41	1	Z2_
.....uuuggcaauuggCagaacucac.....	5	1	Z2_
.....uuuggcaauugguagaacucCc.....	1	1	Z2_
.....Cuuggcaauugguagaacucac.....	3	1	Z2_
.....uuuggcaauugguagaaAucac.....	1	1	Z2_
.....uuCggcaauugguagaacucac.....	2	1	Z2_
.....uuuggcaauugguagaacucaA.....	4	1	Z2_
.....uuuggcaauugAuagaacucac.....	1	1	Z2_
.....uuuggcaauugguagaacucac.....	464	0	Z2_
.....uuuggcaauugguagaacucUc.....	1	1	Z2_
.....uuuggcaGuugguagaacucac.....	6	1	Z2_
.....uuuggcaauugguagaacCcac.....	4	1	Z2_
.....uuuggcaauugguagaacAcac.....	3	1	Z2_
.....uuuggUaaugguagaacucac.....	1	1	Z2_
.....uuuggcaauugguagaacucGc.....	3	1	Z2_
.....uuuggcaauuggCagaacucaca.....	23	1	Z2_
.....uuuggcaauugguagaCucaca.....	1	1	Z2_
.....uuuggcaaCgguagaacucaca.....	21	1	Z2_
.....uuuggcaGuugguagaacucaca.....	38	1	Z2_
.....uuuggUaaugguagaacucaca.....	18	1	Z2_
.....uuuggcaauugguagaacucacC.....	2	1	Z2_
.....uuCggcaauugguagaacucaca.....	27	1	Z2_
.....uCuuggcaauugguagaacucaca.....	15	1	Z2_
.....uuuggcaauugguGgaacucaca.....	34	1	Z2_
.....uGuuggcaauugguagaacucaca.....	4	1	Z2_
.....uuuggcaauUguagaacucaca.....	1	1	Z2_
.....Cuuggcaauugguagaacucaca.....	37	1	Z2_
.....uuuggcaauugguaUaacucaca.....	4	1	Z2_
.....uuuggcGauugguagaacucaca.....	41	1	Z2_
.....uuuggcaauugguagaacAcaca.....	14	1	Z2_
.....uuuggcCaugguagaacucaca.....	1	1	Z2_
.....uuugCcaauugguagaacucaca.....	3	1	Z2_
.....uuuggcaauugguaAaacucaca.....	4	1	Z2_
.....uuuggcaCuugguagaacucaca.....	1	1	Z2_
.....uuugUcaauugguagaacucaca.....	11	1	Z2_
.....uuugAcaauugguagaacucaca.....	14	1	Z2_
.....uuuggcaauugguagaacucUca.....	5	1	Z2_
.....uuuggcaauugguagaacuGaca.....	2	1	Z2_
.....Auuggcaauugguagaacucaca.....	15	1	Z2_
.....uuuggcaauugguagaacCcaca.....	46	1	Z2_
.....uuuggcaaAguagaacucaca.....	7	1	Z2_
.....uuuggcaauuggAgaacucaca.....	2	1	Z2_
.....Guuggcaauugguagaacucaca.....	5	1	Z2_
.....uuuggAaaugguagaacucaca.....	1	1	Z2_
.....uuuggcaauugguagaacuUaca.....	16	1	Z2_
.....uuuAgcaauugguagaacucaca.....	7	1	Z2_
.....uuuggcaauugguagaaAucaca.....	2	1	Z2_
.....uuuggcaauugguagaacucGca.....	31	1	Z2_
.....uuuggcaauugguagaacucaUa.....	15	1	Z2_

gagcugcuugccucccccguuuuuuggcaauugguagaacucacacacuggugagguaacagggaucggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....uuuggcaauugguUgaacucaca.....	5	1	Z2_
.....uuuggcaauugguagaGcucaca.....	34	1	Z2_
.....uuuggcaauuggGagaacucaca.....	2	1	Z2_
.....uuAggcaauugguagaacucaca.....	5	1	Z2_
.....uuuggcaauugguagaacucacG.....	58	1	Z2_
.....uuuUgcaauugguagaacucaca.....	1	1	Z2_
.....uuuggcUauugguagaacucaca.....	12	1	Z2_
.....uuuggcaauugAuaagaacucaca.....	13	1	Z2_
.....uuuggcaauAguagaacucaca.....	13	1	Z2_
.....uuuggcaauugguagaacucaAa.....	1	1	Z2_
.....uAuggcaauugguagaacucaca.....	6	1	Z2_
.....uuuggcaauugguagaacucaca.....	6620	0	Z2_
.....uuuggcaauugguagaacucacU.....	22	1	Z2_
.....uuuggcaauugguagUacucaca.....	2	1	Z2_
.....uuGggcaauugguagaacucaca.....	4	1	Z2_
.....uuuggcaauugguUgaacucacac.....	1	1	Z2_
.....uuuggcaauugguagaacucacAacac.....	1	1	Z2_
.....uuuAgcaauugguagaacucacac.....	1	1	Z2_
.....uuuggcaauugguagaGcucacac.....	3	1	Z2_
.....uuuggcaauugguagaacucaUac.....	1	1	Z2_
.....uuuggcaauugguagaacucacaU.....	21	1	Z2_
.....uuuggcaauugguagaacucacac.....	213	0	Z2_
.....uuuggcaauugguagaacucacaG.....	6	1	Z2_
.....uuuggcaaGgguagaacucacac.....	1	1	Z2_
.....uuuggcaauugguagaacCcacac.....	2	1	Z2_
.....uuuggcaauugguGgaacucacac.....	2	1	Z2_
.....uuuggcaauugguagaacucacaA.....	13	1	Z2_
.....uuuggcaauugguaAaacucacac.....	1	1	Z2_
.....Auggcaauugguagaacucacac.....	1	1	Z2_
.....uuuggcaauugguagaacucGcac.....	2	1	Z2_
.....uuCggcaauugguagaacucacac.....	1	1	Z2_
.....uuuggcaauugguagaacucacaUu.....	23	1	Z2_
.....Guuggcaauugguagaacucacacu.....	12	1	Z2_
.....uuuggcaauugguaAaacucacacu.....	23	1	Z2_
.....uuuggcaauugguagaacucGacacu.....	1	1	Z2_
.....uuuggcaauugguagaacucacGcu.....	78	1	Z2_
.....uuuggcCauugguagaacucacacu.....	5	1	Z2_
.....uuAggcaauugguagaacucacacu.....	28	1	Z2_
.....uuuggcaauugguGgaacucacacu.....	3	1	Z2_
.....uuuggcUauugguagaacucacacu.....	22	1	Z2_
.....uuuggcaauugguagaacucaAacu.....	1	1	Z2_
.....uuuggcaauugguagaacucacacG.....	105	1	Z2_
.....uuuggcaauugguagaacucacacC.....	1492	1	Z2_
.....uuuggcaauugAuaagaacucacacu.....	40	1	Z2_
.....uuuggcaauAguagaacucacacu.....	32	1	Z2_
.....uuuggcaauugguUgaacucacacu.....	21	1	Z2_
.....uuuggcaaCgguagaacucacacu.....	61	1	Z2_
.....uAuggcaauugguagaacucacacu.....	21	1	Z2_
.....uuuggcaauugguagaUcucacacu.....	5	1	Z2_
.....uuuggcaauuggAagaacucacacu.....	9	1	Z2_
.....uuuggcaauugguagaacucacUcu.....	15	1	Z2_
.....uuCggcaauugguagaacucacacu.....	78	1	Z2_
.....uuuggcaauugguagaacucGcacu.....	95	1	Z2_
.....uuuggcaauugguagaacuAacacu.....	4	1	Z2_
.....uuuggcaauugguagaCucacacu.....	2	1	Z2_
.....uuuggcaauUguagaacucacacu.....	5	1	Z2_
.....uuuggcaauugguagaacCcacacu.....	145	1	Z2_
.....uuuAgcaauugguagaacucacacu.....	39	1	Z2_
.....uCuggcaauugguagaacucacacu.....	76	1	Z2_
.....uuuggcaauugguagUacucacacu.....	6	1	Z2_
.....uuuggcaauuggGagaacucacacu.....	1	1	Z2_
.....uuuggGaaugguagaacucacacu.....	4	1	Z2_
.....uuuggcaauCguagaacucacacu.....	1	1	Z2_
.....uuuggcaauugguagaacucCcacu.....	9	1	Z2_
.....uuuggcaauugguagaacucaGacu.....	1	1	Z2_
.....uuuUgcaauugguagaacucacacu.....	1	1	Z2_
.....uuuggcaauugguagaacucacCcu.....	2	1	Z2_
.....uuugCcaauugguagaacucacacu.....	2	1	Z2_
.....uuuggcaCugguagaacucacacu.....	8	1	Z2_

gagcugcuugccucccccguuuuuggcaauugguagaacucacacuggugagguaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....uuuggcaauugguagaaAucacacu.....	9	1	Z2_
.....uuuggcaauugguGgaacucacacu.....	65	1	Z2_
.....uuuggcaauugUuagaacucacacu.....	3	1	Z2_
.....Auuggcaauugguagaacucacacu.....	24	1	Z2_
.....uuGggcaauugguagaacucacacu.....	3	1	Z2_
.....uuuggcGaugguagaacucacacu.....	93	1	Z2_
.....uuuggcaauuggCagaacucacacu.....	72	1	Z2_
.....uuuGcaauugguagaacucacacu.....	1	1	Z2_
.....uuuggcaauugguagaacuUacacu.....	25	1	Z2_
.....uuuggcaaAagguagaacucacacu.....	18	1	Z2_
.....uuuggcaauugguaUaacucacacu.....	9	1	Z2_
.....uGuggcaauugguagaacucacacu.....	2	1	Z2_
.....Cuuggcaauugguagaacucacacu.....	113	1	Z2_
.....uuuggUaaugguagaacucacacu.....	44	1	Z2_
.....uuuggcaauugguagaacucacacA.....	441	1	Z2_
.....uuuggcaauugguagaacucacacA.....	2	1	Z2_
.....uuuggcaauugguagaacucacUacu.....	45	1	Z2_
.....uuugUcauugguagaacucacacu.....	2	1	Z2_
.....uuuggcaauugguagaGcucacacu.....	109	1	Z2_
.....uuuggcaGugguagaacucacacu.....	95	1	Z2_
.....uuuggcaauugguagaacucUcacu.....	13	1	Z2_
.....uuuggAaaugguagaacucacacu.....	17	1	Z2_
.....uuuggcaauugguagaacucacacu.....	19740	0	Z2_
.....uuuggcaaGgguaaacucacacu.....	3	1	Z2_
.....uuuggcaauugguagaacGcacacu.....	1	1	Z2_
.....uuuggcaauugguagaacAcacacu.....	38	1	Z2_
.....uuugAcauugguagaacucacacu.....	31	1	Z2_
.....uuuggcaauugguagaacCcacacug.....	10	1	Z2_
.....uuugAcauugguagaacucacacug.....	1	1	Z2_
.....uuuggcaauugguagaacAcacacug.....	1	1	Z2_
.....uuuggcaauugguUgaacucacacug.....	1	1	Z2_
.....Auuggcaauugguagaacucacacug.....	4	1	Z2_
.....uuuggcaauugguagaacucacacug.....	1705	0	Z2_
.....uuuggcaauugAuaaacucacacug.....	3	1	Z2_
.....uuuggcaauugguagaacuUacacug.....	2	1	Z2_
.....uuuggcaauugguagaacucacacuC.....	3	1	Z2_
.....uuuggcaauugguagaacucGcacug.....	7	1	Z2_
.....uuuggcaaAagguagaacucacacug.....	1	1	Z2_
.....uuuggcaauugguagaacucacGcug.....	3	1	Z2_
.....uuuggcaauugguagaacucUacug.....	2	1	Z2_
.....uCuuggcaauugguagaacucacacug.....	8	1	Z2_
.....uuuggcaauugguagaacucUcacug.....	7	1	Z2_
.....uuuggcaauugguagaacucacacuA.....	70	1	Z2_
.....uuuggcaauugguagaacucacacAug.....	1	1	Z2_
.....uuuggcGaugguagaacucacacug.....	7	1	Z2_
.....uuuggcaauuggAgaacucacacug.....	2	1	Z2_
.....uAuuggcaauugguagaacucacacug.....	1	1	Z2_
.....uuuggcaauugguagaacuAacacug.....	1	1	Z2_
.....uuuggcaCuugguagaacucacacug.....	1	1	Z2_
.....uuuggcaauugguagaGcucacacug.....	12	1	Z2_
.....uuuggcaaGgguaaacucacacug.....	1	1	Z2_
.....uuuggcaauugguagaacucacaUug.....	4	1	Z2_
.....uuuggcaauugguagaacucacacCg.....	14	1	Z2_
.....uuAggcaauugguagaacucacacug.....	4	1	Z2_
.....uGuggcaauugguagaacucacacug.....	2	1	Z2_
.....uuuggcaauugguGgaacucacacug.....	2	1	Z2_
.....Cuuggcaauugguagaacucacacug.....	11	1	Z2_
.....uuuggcUaugguagaacucacacug.....	2	1	Z2_
.....uuuggcaauuggCagaacucacacug.....	6	1	Z2_
.....uuuggcaGugguagaacucacacug.....	4	1	Z2_
.....uuuggUaaugguagaacucacacug.....	3	1	Z2_
.....uuGggcaauugguagaacucacacug.....	7	1	Z2_
.....uuuggcaauugguagaacucacacuU.....	5	1	Z2_
.....uuuggcaaCgguaaacucacacug.....	3	1	Z2_
.....uuuggcaauAguagaacucacacug.....	3	1	Z2_
.....uuuAgcaauugguagaacucacacug.....	2	1	Z2_
.....uuuggcaauugguagaacucacCcu.....	1	1	Z2_
.....uuuggcaCuugguagaacucacacugg.....	10	1	Z2_
.....uuuggcaaCgguaaacucacacugg.....	7	1	Z2_

gagcugcuugccucccccguuuuuggcaauuguaaagaaacucacacuggugagguuaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....uuuggcaauCguagaacucacacugg.....	1	1	Z2_
.....uuuggcaauugguagaacucacacGgg.....	2	1	Z2_
.....uuuggcaauugguagaAaAucacacugg.....	1	1	Z2_
.....uuuggcaauugguagaacucaUacugg.....	5	1	Z2_
.....uuuggcaauugguAaacucacacugg.....	4	1	Z2_
.....uuuggcaauugguagaacuUacacugg.....	3	1	Z2_
.....uuuggcaauugguagaacucacacuAag.....	2	1	Z2_
.....uuuggcaauugguagaacucacUcugg.....	3	1	Z2_
.....uuuggcaauuggCagaacucacacugg.....	10	1	Z2_
.....uuuggcaauugguagaGcucacacugg.....	6	1	Z2_
.....uuuggcaauugguagaacucGcacugg.....	17	1	Z2_
.....uuuggcaauugguagaacucacacugC.....	18	1	Z2_
.....uuuggcGaugguagaacucacacugg.....	22	1	Z2_
.....uuuggcaauugguagaacAcacacugg.....	11	1	Z2_
.....uuuggcaauugguCgaacucacacugg.....	1	1	Z2_
.....uuuggcaaAagguagaacucacacugg.....	2	1	Z2_
.....uuuggcaauugguagaacucacacugU.....	78	1	Z2_
.....uuuggcaauugguagaacucCcacugg.....	3	1	Z2_
.....uuuggcaauugguagaacCcacacugg.....	22	1	Z2_
.....uuuggcaauugguagaacGcacacugg.....	2	1	Z2_
.....uuuggcaauugguGgaacucacacugg.....	11	1	Z2_
.....uuuggcaauugguUaacucacacugg.....	2	1	Z2_
.....uuugAcaauugguagaacucacacugg.....	8	1	Z2_
.....uuuggcaauugguagaacuAacacugg.....	3	1	Z2_
.....uuuggcaaGgguagaacucacacugg.....	1	1	Z2_
.....uuuggcaauugguagaUcucacacugg.....	1	1	Z2_
.....uuuggcaauugguUgaacucacacugg.....	2	1	Z2_
.....uuuggcUauugguagaacucacacugg.....	2	1	Z2_
.....uuuggUaaugguagaacucacacugg.....	9	1	Z2_
.....uuuggcaauugguagaacucUcacugg.....	3	1	Z2_
.....uuuggAaaugguagaacucacacugg.....	1	1	Z2_
.....uuuggcaauugguagaacucacacuCg.....	1	1	Z2_
.....uuuggcaauugguagaacucacacAag.....	3	1	Z2_
.....uuuggcaauugguagaacucacGcugg.....	18	1	Z2_
.....uuuggcaauugguagaacucacacugA.....	275	1	Z2_
.....uuuggcaauugguagaacucacCcugg.....	2	1	Z2_
.....uuuggcaauugguagaacucacacCgg.....	16	1	Z2_
.....uuuggcaauUguagaacucacacugg.....	1	1	Z2_
.....uuuggcaauugguagaacucacaUugg.....	5	1	Z2_
.....uuuggcaauAguagaacucacacugg.....	5	1	Z2_
.....uuuggcaauuggGagaacucacacugg.....	1	1	Z2_
.....uuuggcaauugguagaacucacUcuggu.....	1	1	Z2_
.....uuuggcaauugguagaacucacacuAgu.....	3	1	Z2_
.....uuuggcaauugguagaacucacacugUu.....	5	1	Z2_
.....uuuggcaauugguagaGcucacacuggu.....	1	1	Z2_
.....uuuggcGaugguagaacucacacuggu.....	1	1	Z2_
.....uuuggcaauugguagaacCcacacuggu.....	4	1	Z2_
.....uuuggcaauugguGgaacucacacuggu.....	1	1	Z2_
.....uuuggcaauugguagaacucaUacuggu.....	2	1	Z2_
.....uuuggcaauugguagaacucacacCgg.....	7	1	Z2_
.....uuuggcaauugguagaacucGcacuggu.....	2	1	Z2_
.....uuuggcaaCgguagaacucacacuggu.....	1	1	Z2_
.....uuuggcaauugguagaacAcacacuggu.....	3	1	Z2_
.....uuuggcaauugguagaacucacGcuggu.....	3	1	Z2_
.....uuuggcaauugguagaacucacacAaggu.....	1	1	Z2_
.....uuuggcaGugguagaacucacacuggu.....	4	1	Z2_
.....uuuggcaauuggCagaacucacacuggu.....	1	1	Z2_
.....uuugAcaauugguagaacucacacuggu.....	2	1	Z2_
.....uuggcaauugguagaacuca.....	3	0	Z2_
.....uuggcaauugguagaacucaca.....	5	0	Z2_
.....uuggUaaugguagaacucaca.....	1	1	Z2_
.....uuggcaauugguagaacucacacu.....	28	0	Z2_
.....uuggcaauugguagUacucacacu.....	2	1	Z2_
.....uuggcaauugguagaacucacacC.....	2	1	Z2_
.....uuggUaaugguagaacucacacug.....	1	1	Z2_
.....uuggcaauugguagaacucacacug.....	5	0	Z2_
.....uuggcaauugguagaacucacacugA.....	3	1	Z2_
.....uggcaauugguagaacucacacugA.....	2	1	Z2_
.....gugguucuaagacuugccaaacA.....	1	1	Z2_

gagcugcuugccuccccccguuuuuuggcaaugguagaacucacacuggugagguaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....ugguucuaagacuugccaaacU.....	11	0	Z2_
.....ugguucuaagacuugccaaacG.....	2	1	Z2_
.....Cuuggcaaugguagaacu.....	4	1	GDM
.....uuuggcaaugguagaGcu.....	2	1	GDM
.....uuugAcaaugguagaacu.....	1	1	GDM
.....uuCggcaaugguagaacu.....	1	1	GDM
.....uuuggcaaugguagaacA.....	12	1	GDM
.....uuuggcaaugguagaacC.....	27	1	GDM
.....uuuggcGaugguagaacu.....	4	1	GDM
.....uuuggcaaugguagaacA.....	12	1	GDM
.....uuuggcaaugguagaacu.....	281	0	GDM
.....uuuggcaaugguagaacC.....	27	1	GDM
.....uuuggcaaugguagaacu.....	281	0	GDM
.....Cuuggcaaugguagaacu.....	4	1	GDM
.....uuuggcaauggCagaacu.....	2	1	GDM
.....uuuggcGaugguagaacu.....	4	1	GDM
.....Cuuggcaaugguagaacu.....	4	1	GDM
.....uuGggcaaugguagaacu.....	2	1	GDM
.....uuuggcaaugguGgaacu.....	2	1	GDM
.....uuuggcaaugguagaacu.....	281	0	GDM
.....uuuggcaaugguagaacA.....	12	1	GDM
.....uuuggcaaugguagaacG.....	1	1	GDM
.....Guuggcaaugguagaacu.....	1	1	GDM
.....uuuggcGaugguagaacu.....	4	1	GDM
.....uuuggcaaugguagaGcu.....	2	1	GDM
.....uuuggcUaugguagaacu.....	2	1	GDM
.....uGuggcaaugguagaacu.....	1	1	GDM
.....uuuggcaaugguagaacC.....	27	1	GDM
.....uuuggcaauggCagaacu.....	2	1	GDM
.....uuuggcaaugguagaacuc.....	145	0	GDM
.....uuuggcaaugguagaacUA.....	3	1	GDM
.....uuuggcaaugguagaacuc.....	145	0	GDM
.....uuuggcaaugguagaacuU.....	12	1	GDM
.....uuuggcaaugguagGacuc.....	1	1	GDM
.....uuuggcaaugguagaacuc.....	145	0	GDM
.....uuuggcaaugguagaacuU.....	12	1	GDM
.....uuCggcaaugguagaacuc.....	2	1	GDM
.....uuuggcaaugguagaacuU.....	12	1	GDM
.....uuuggcaaugguagaacuA.....	3	1	GDM
.....uCuggcaaugguagaacuc.....	2	1	GDM
.....uuuggcaaugguagaacAca.....	1	1	GDM
.....uAuggcaaugguagaacuca.....	3	1	GDM
.....uuuggcaaugguagaGcuca.....	5	1	GDM
.....uuuggcaaugguagaacucU.....	8	1	GDM
.....Auuggcaaugguagaacuca.....	3	1	GDM
.....uuuggcaaugAuagaacuca.....	2	1	GDM
.....uCuggcaaugguagaacuca.....	2	1	GDM
.....uuuggcaauggCagaacuca.....	3	1	GDM
.....uuuggcaaugguagaGcuca.....	5	1	GDM
.....uuuggcaaugguagaacucG.....	6	1	GDM
.....uuuggcaaugguagaacucU.....	8	1	GDM
.....uuuggcaaugguagaacuca.....	794	0	GDM
.....uuuggcaaugguagGacuca.....	3	1	GDM
.....uuuggcaaugguGgaacuca.....	1	1	GDM
.....uuuggcaaaCgguaacuca.....	3	1	GDM
.....uuuggcGaugguagaacuca.....	3	1	GDM
.....uuuggcaaGgguaacuca.....	1	1	GDM
.....uuuggcCaugguaacuca.....	1	1	GDM
.....uAuggcaaugguagaacuca.....	3	1	GDM
.....uuuggcaaugguagaGcuca.....	5	1	GDM
.....uuuggcaaugguagaacuca.....	794	0	GDM
.....uuuggcaaugguagGacuca.....	3	1	GDM
.....uuuggcaaugguagaacucG.....	6	1	GDM
.....uuuggcaaugguagaacCca.....	2	1	GDM
.....uuuggcaaugguagGacuca.....	3	1	GDM
.....uuuggUaaugguagaacuca.....	5	1	GDM
.....uuuggcaaugguagaacucU.....	8	1	GDM
.....uuuggcaaugguagaacuca.....	794	0	GDM



gagcugcuugccucccccguuuuuggcaauugguagaacucacacuggugagguaacaggaucggugguucuaagacuuugggcgaggacucagccggcac

.....uuuggcaaCgguagaacuca.....	3	1	GDM
.....uuuggcaauugguagaacua.....	2	1	GDM
.....uuuggcaGugguagaacuca.....	4	1	GDM
.....uAuggcaauugguagaacuca.....	3	1	GDM
.....uuuggcGauugguagaacuca.....	3	1	GDM
.....uuuggUauugguagaacuca.....	5	1	GDM
.....uuuggcaaAgguagaacuca.....	1	1	GDM
.....uuuggcaauugguagaacCca.....	2	1	GDM
.....uuCggcaauugguagaacuca.....	1	1	GDM
.....Cuuggcaauugguagaacuca.....	7	1	GDM
.....uuuggcaauugguagaacucG.....	6	1	GDM
.....uuuggcaauGauagaacuca.....	2	1	GDM
.....uuuggcaauuggCagaacuca.....	3	1	GDM
.....uCuuggcaauugguagaacuca.....	2	1	GDM
.....uuAggcaauugguagaacuca.....	2	1	GDM
.....uuuggcaauuggCagaacucac.....	2	1	GDM
.....Cuuggcaauugguagaacucac.....	2	1	GDM
.....uAuggcaauugguagaacucac.....	1	1	GDM
.....uuuggcaauugguagaacCcac.....	2	1	GDM
.....uuuggcaauugguagaacAcac.....	3	1	GDM
.....uuuggcaauugguagaacucUc.....	1	1	GDM
.....uuuggcGauugguagaacucac.....	2	1	GDM
.....uuuggcaauuggAagaacucac.....	1	1	GDM
.....uuuggcaauugguGgaacucac.....	3	1	GDM
.....uuuggcaauugguagaacuUac.....	4	1	GDM
.....Auuggcaauugguagaacucac.....	3	1	GDM
.....uuuggcaauugguagaGcucac.....	3	1	GDM
.....uuuAgcaauugguagaacucac.....	4	1	GDM
.....uuuggcaaCgguagaacucac.....	3	1	GDM
.....uuuggcaauGauagaacucac.....	2	1	GDM
.....uuuggcaauugguagaacucaU.....	66	1	GDM
.....uCuuggcaauugguagaacucac.....	3	1	GDM
.....uuuggcaauugguagaacucaU.....	66	1	GDM
.....uuuggcaauugguagaacucaA.....	8	1	GDM
.....uuuggcaauugguagaacucac.....	594	0	GDM
.....uuuAgcaauugguagaacucac.....	4	1	GDM
.....Cuuggcaauugguagaacucac.....	2	1	GDM
.....uuuggcaaAgguagaacucac.....	1	1	GDM
.....uuuggcUauugguagaacucac.....	1	1	GDM
.....uuuggcaauugguagaacuUac.....	4	1	GDM
.....uuuggcaauugguagaacuUac.....	4	1	GDM
.....uuuggcaGugguagaacucac.....	3	1	GDM
.....uuuggcaauugguagaacucaA.....	8	1	GDM
.....uuugCcauugguagaacucac.....	1	1	GDM
.....uuuAgcaauugguagaacucac.....	4	1	GDM
.....uuuggcaaCgguagaacucac.....	3	1	GDM
.....uuuggcaauugguagaacAcac.....	3	1	GDM
.....uuuggcaauugguaAaacucac.....	1	1	GDM
.....uuuggcaauugguUgaacucac.....	1	1	GDM
.....uuuggcaauugguagaacucac.....	594	0	GDM
.....uuuggcaauugguGgaacucac.....	3	1	GDM
.....uuuggcaauugguagaacucaU.....	66	1	GDM
.....uuuggcaauGauagaacucac.....	2	1	GDM
.....uCuuggcaauugguagaacucac.....	3	1	GDM
.....uuGggcaauugguagaacucac.....	2	1	GDM
.....uuGggcaauugguagaacucac.....	2	1	GDM
.....uuuggcaauugguagaacucaA.....	8	1	GDM
.....uuuggcaGugguagaacucac.....	3	1	GDM
.....uuuggcaauuggCagaacucac.....	2	1	GDM
.....uuuggcGauugguagaacucac.....	2	1	GDM
.....Auuggcaauugguagaacucac.....	3	1	GDM
.....uuCggcaauugguagaacucac.....	1	1	GDM
.....uuuggcaauugguagaacucac.....	594	0	GDM
.....uuuggcaauugguagaacucaAa.....	2	1	GDM
.....uuuggcaauugguagaacucacC.....	5	1	GDM
.....Cuuggcaauugguagaacucaca.....	50	1	GDM
.....uuuggcaaAgguagaacucaca.....	7	1	GDM
.....uuuggcaauugguaUaacucaca.....	5	1	GDM
.....uuuggcaauugguagaCucaca.....	4	1	GDM

gagcugcuugccuccccccguuuuuuggcaauugguagaacucacacuggugagguaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....uuuggcaauugguagaaAucaca.....	2	1	GDM
.....uuuggcaauugguagaacCcaca.....	46	1	GDM
.....uuuggcaauugguGgaacucaca.....	23	1	GDM
.....uuuAgcaauugguagaacucaca.....	18	1	GDM
.....uuuggcaauugguagaacucacC.....	5	1	GDM
.....uuCggcaauugguagaacucaca.....	24	1	GDM
.....uuuggcaauUguagaacucaca.....	5	1	GDM
.....uuuggcaauugAuagaacucaca.....	13	1	GDM
.....uuuggcaauugguGgaacucaca.....	2	1	GDM
.....uuuggcaauugguagaacucacG.....	87	1	GDM
.....uuuggUaaugguagaacucaca.....	12	1	GDM
.....uuuggcaauugguagaacAcaca.....	15	1	GDM
.....uuCggcaauugguagaacucaca.....	24	1	GDM
.....uuuggcaaCgguagaacucaca.....	29	1	GDM
.....Cuuggcaauugguagaacucaca.....	50	1	GDM
.....uuugAcaauugguagaacucaca.....	11	1	GDM
.....uuuggcaauAguaagaacucaca.....	13	1	GDM
.....uuAggcaauugguagaacucaca.....	20	1	GDM
.....uuuggcaauugguagaacucaca.....	7511	0	GDM
.....uuuUgcaauugguagaacucaca.....	2	1	GDM
.....uuuggcaauugguagUacucaca.....	4	1	GDM
.....uuuggcaauugguagaacucUca.....	5	1	GDM
.....uuuUgcaauugguagaacucaca.....	2	1	GDM
.....uuuggcaauugguagaacucaAa.....	2	1	GDM
.....Guuggcaauugguagaacucaca.....	5	1	GDM
.....uCuuggcaauugguagaacucaca.....	28	1	GDM
.....uuuAgcaauugguagaacucaca.....	18	1	GDM
.....uuuggcaauuggAgaacucaca.....	8	1	GDM
.....uuuggcaaCgguagaacucaca.....	29	1	GDM
.....uCuuggcaauugguagaacucaca.....	28	1	GDM
.....uuuggcaauugguagaacucUca.....	5	1	GDM
.....uuuggcaauugguagaacucacG.....	87	1	GDM
.....uuGggcaauugguagaacucaca.....	3	1	GDM
.....uuuggcaauugAuagaacucaca.....	13	1	GDM
.....uuuggcaaAgguagaacucaca.....	7	1	GDM
.....uuuggcaauugguGgaacucaca.....	23	1	GDM
.....uuuggcaauugguagaacucaUa.....	18	1	GDM
.....uuuggcaauugguagaacucacU.....	63	1	GDM
.....uuuggcaauugguagaacucGca.....	49	1	GDM
.....uuuggcGaugguagaacucaca.....	34	1	GDM
.....uuGggcaauugguagaacucaca.....	3	1	GDM
.....uuuggcaauugguagaacuUaca.....	12	1	GDM
.....uuuggcaauuggAgaacucaca.....	8	1	GDM
.....uAuggcaauugguagaacucaca.....	15	1	GDM
.....uuuggcaauugguagaacucGca.....	49	1	GDM
.....Cuuggcaauugguagaacucaca.....	50	1	GDM
.....uuuggcaauugguagaacCcaca.....	46	1	GDM
.....uuuggcaauugguUgaacucaca.....	10	1	GDM
.....uuuggcaauAguaagaacucaca.....	13	1	GDM
.....uuuggcUaugguagaacucaca.....	9	1	GDM
.....uuuggcaauugguagaacucacG.....	87	1	GDM
.....uuuggcaauugguagaGcucaca.....	57	1	GDM
.....uuuggcaauugguagaacCcaca.....	46	1	GDM
.....uuuggcaauugguagaacuUaca.....	12	1	GDM
.....uuuggcaGuugguagaacucaca.....	35	1	GDM
.....uAuggcaauugguagaacucaca.....	15	1	GDM
.....uuuggcaauugguUgaacucaca.....	10	1	GDM
.....uAuggcaauugguagaacucaca.....	14	1	GDM
.....uuuggcaauugAuagaacucaca.....	13	1	GDM
.....uuuggcaauugUuagaacucaca.....	2	1	GDM
.....uuuggcaauugguagaacucaUa.....	18	1	GDM
.....uuuggcaauugguagaacucCca.....	2	1	GDM
.....uuuggcaauugguaAaacucaca.....	7	1	GDM
.....uuuggcGaugguagaacucaca.....	34	1	GDM
.....uuuAgcaauugguagaacucaca.....	18	1	GDM
.....uuuggcaauugguagaacAcaca.....	15	1	GDM
.....uuuggcaauugUuagaacucaca.....	2	1	GDM
.....uuAggcaauugguagaacucaca.....	20	1	GDM
.....uuuggcaauugguagaacucacU.....	63	1	GDM

gagcugcuugccuccccccguuuuuuggcaauugguagaacucacacuggugagguaacaggaucggugguucuaagacuuugggcgaggacucagccggcac

.....uuuggcaauuggCagaacucaca.....	34	1	GDM
.....uuuggcaauuggGagaacucaca.....	1	1	GDM
.....uuuggcaauugguagaacucacUa.....	18	1	GDM
.....uuuggcaaCgguagaacucaca.....	29	1	GDM
.....uuuggUaaugguagaacucaca.....	12	1	GDM
.....uuuggcaauugguagaacucacC.....	5	1	GDM
.....uuuggcaauuAguagaacucaca.....	13	1	GDM
.....uuuggcaauuggCagaacucaca.....	34	1	GDM
.....uuuggcaauugguagaacGcaca.....	1	1	GDM
.....uuuggcaauugguagaacucaca.....	7511	0	GDM
.....uuuggcaGugguagaacucaca.....	35	1	GDM
.....uuuggcaauugguagaacAcaca.....	15	1	GDM
.....uuuggcaauugguagaacucGca.....	49	1	GDM
.....uuugAcaauugguagaacucaca.....	11	1	GDM
.....uuuggcaauugguagaacuUaca.....	12	1	GDM
.....uuuggcaauuggAagaacucaca.....	8	1	GDM
.....uuuggcaGugguagaacucaca.....	35	1	GDM
.....uuuggcaauugguUgaacucaca.....	10	1	GDM
.....uuuGgcaauugguagaacucaca.....	2	1	GDM
.....uuuggcaauugguagUacucaca.....	4	1	GDM
.....uuuggcaauugguagaacucUca.....	5	1	GDM
.....uuuggcaauugguagaacucacU.....	63	1	GDM
.....uuuggcaauuggCagaacucaca.....	34	1	GDM
.....uuuggUaaugguagaacucaca.....	12	1	GDM
.....uGuggcaauugguagaacucaca.....	2	1	GDM
.....uuuggcaauugguGgaacucaca.....	2	1	GDM
.....uuuggcaauugguagaUcucaca.....	7	1	GDM
.....uuuggcaauugguGgaacucaca.....	23	1	GDM
.....uuGggcaauugguagaacucaca.....	3	1	GDM
.....Auuggcaauugguagaacucaca.....	14	1	GDM
.....Guuggcaauugguagaacucaca.....	5	1	GDM
.....uuuggcaauugguagUacucaca.....	4	1	GDM
.....uuuggcaauugguagaGcucaca.....	57	1	GDM
.....uuuggcaauugguagaacucaca.....	7511	0	GDM
.....uuuggcaauugguagaacucCca.....	2	1	GDM
.....uuuggcUaugguagaacucaca.....	9	1	GDM
.....uCuggcaauugguagaacucaca.....	28	1	GDM
.....uuuggcaauugguUaacucaca.....	5	1	GDM
.....uuuggcCaugguagaacucaca.....	1	1	GDM
.....uuuggcUaugguagaacucaca.....	9	1	GDM
.....uuCggcaauugguagaacucaca.....	24	1	GDM
.....uuuggcGaugguagaacucaca.....	34	1	GDM
.....uuuggcaauugguagaUcucaca.....	7	1	GDM
.....uAuggcaauugguagaacucaca.....	15	1	GDM
.....uuuggcaauugguaAaacucaca.....	7	1	GDM
.....uuuggcaauugguagaCucaca.....	4	1	GDM
.....Auuggcaauugguagaacucaca.....	14	1	GDM
.....uuuggcaaAgguagaacucaca.....	7	1	GDM
.....uuuggcaauugguagaGcucaca.....	57	1	GDM
.....uuugAcaauugguagaacucaca.....	11	1	GDM
.....uuuggAaaugguagaacucaca.....	3	1	GDM
.....uuuggcaauugguagaaAucaca.....	2	1	GDM
.....uuuggcaauugguaUaacucaca.....	5	1	GDM
.....uuuggcaauugguagaUcucaca.....	7	1	GDM
.....uuAggcaauugguagaacucaca.....	20	1	GDM
.....uuuggcaauUguagaacucaca.....	5	1	GDM
.....uuugCcaauugguagaacucaca.....	1	1	GDM
.....uuuggcaauugguagaacucacGc.....	1	1	GDM
.....uuuggcaauugguUgaacucacac.....	1	1	GDM
.....uuuggcaauugguagaacucacaA.....	8	1	GDM
.....Cuuggcaauugguagaacucacac.....	1	1	GDM
.....uuuggcaauugguagaacucacaG.....	4	1	GDM
.....uuuggcaauugguagaacAcacac.....	1	1	GDM
.....uuuggcaauugguagaacucacaU.....	26	1	GDM
.....uuuggcaauugguagaacucacaU.....	26	1	GDM
.....uuuggcaauugguagaacucacac.....	157	0	GDM
.....uuuggcaauugguagaacucacac.....	157	0	GDM
.....uuCggcaauugguagaacucacac.....	1	1	GDM
.....uuuggcaauugguagaacucacaA.....	8	1	GDM

gagcugcuugccucccccguuuuuggcaauugguagaacucacacuggugagguaacaggauccggugguucuaagacuuugcgaacuauggggcgaggacucagccggcac

.....uuuggcaauugguagaacucacac.....	157	0	GDM
.....uuuggcaauugguagaacucacaG.....	4	1	GDM
.....uuuggcaauugguagaacCcacac.....	1	1	GDM
.....uuuggcaauugguagaacucacaU.....	26	1	GDM
.....uuuggcaauugguagaacucacaA.....	8	1	GDM
.....uuuggcGauugguagaacucacac.....	45	1	GDM
.....uuuggcaauugguagaacucacUcu.....	11	1	GDM
.....uuuggcaauugguagaacucacUcu.....	11	1	GDM
.....uuugCcaauugguagaacucacac.....	4	1	GDM
.....uAuggcaauugguagaacucacac.....	11	1	GDM
.....uuuggcaauugguagaacucacGcu.....	53	1	GDM
.....uuuggcaaCgguagaacucacac.....	40	1	GDM
.....uuuggcaauugguUgaacucacac.....	14	1	GDM
.....uuuggcaGugguagaacucacac.....	62	1	GDM
.....uuuggcCaugguagaacucacac.....	3	1	GDM
.....uuugAcaauugguagaacucacac.....	15	1	GDM
.....uuugUcaauugguagaacucacac.....	3	1	GDM
.....uuuggcaauugguagaacucacacG.....	74	1	GDM
.....uuuggAaaugguagaacucacac.....	7	1	GDM
.....uuuggcaauugguagaacucacGcu.....	53	1	GDM
.....uuuggcaauugguaUaacucacac.....	8	1	GDM
.....uuuggcaauugguagaacucacac.....	11720	0	GDM
.....uuuggcaauugguagaacucaUacu.....	10	1	GDM
.....uuuggcaauugguagaacCcacac.....	91	1	GDM
.....uuuggcGauugguagaacucacac.....	45	1	GDM
.....uuuggcaauugguagaacucacaGu.....	5	1	GDM
.....uuuggcaauugguagaacuUacac.....	29	1	GDM
.....uGuggcaauugguagaacucacac.....	5	1	GDM
.....uuuggcaGugguagaacucacac.....	62	1	GDM
.....uuGggcaauugguagaacucacac.....	5	1	GDM
.....uuuggcaauugguagaacucaUacu.....	10	1	GDM
.....uuuggcUaugguagaacucacac.....	8	1	GDM
.....uuuggcaauugguagaacucaAacu.....	4	1	GDM
.....uuuggcaauugguagaacucaAacu.....	4	1	GDM
.....uuuggcaauugguagaacucacac.....	11720	0	GDM
.....uuuggcaauuggCagaacucacac.....	36	1	GDM
.....uuuggcaauugguagaacucacaUu.....	15	1	GDM
.....uuuggcaauugguagaacAcacac.....	25	1	GDM
.....uCuggcaauugguagaacucacac.....	52	1	GDM
.....uuuggcaauugguagUacucacac.....	15	1	GDM
.....Cuuggcaauugguagaacucacac.....	58	1	GDM
.....uuuggcaauugguagaacAcacac.....	25	1	GDM
.....uuuggcaauugguagaacucGcac.....	46	1	GDM
.....uuuggcaauAguagaacucacac.....	21	1	GDM
.....uuuggcaauugguagaacucacacA.....	388	1	GDM
.....uuuggcaauugguagaacuUacac.....	29	1	GDM
.....uuuggcaauugguaAaacucacac.....	7	1	GDM
.....uuuggcaauugguagaacucacaAu.....	2	1	GDM
.....uuuggcaaAguagaacucacac.....	14	1	GDM
.....uuuggcaauuggCagaacucacac.....	36	1	GDM
.....uuuAgcaauugguagaacucacac.....	32	1	GDM
.....uuuggcaauugguagaUcucacac.....	3	1	GDM
.....uuuggcaauugguGgaacucacac.....	56	1	GDM
.....uuuggcaauugguUgaacucacac.....	14	1	GDM
.....uuuggcaauugAuaagaacucacac.....	11	1	GDM
.....uuuggcaauugguagaGcucacac.....	67	1	GDM
.....uuuggcaauugguaUaacucacac.....	8	1	GDM
.....uuuggcaauugUuagaacucacac.....	3	1	GDM
.....uuugUcaauugguagaacucacac.....	3	1	GDM
.....uuuggcUaugguagaacucacac.....	8	1	GDM
.....uuCggcaauugguagaacucacac.....	53	1	GDM
.....uuuggcaauugguagaacucGcac.....	46	1	GDM
.....uuuggcGauugguagaacucacac.....	45	1	GDM
.....uuuggcaaAguagaacucacac.....	14	1	GDM
.....uuuggcaaCgguagaacucacac.....	40	1	GDM
.....uGuggcaauugguagaacucacac.....	5	1	GDM
.....Auuggcaauugguagaacucacac.....	23	1	GDM
.....uuAggcaauugguagaacucacac.....	19	1	GDM
.....uuuggcaauAguagaacucacac.....	21	1	GDM

gagcugcuugccucccccguuuuuuggcaauugguagaacucacacuggugagguaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....uuuggcaauugguagaacucacGcu.....	53	1	GDM
.....uuuggcaCugguagaacucacacu.....	2	1	GDM
.....uuAggcaauugguagaacucacacu.....	19	1	GDM
.....uuGggcaauugguagaacucacacu.....	5	1	GDM
.....uuuggcaauugguaAaacucacacu.....	7	1	GDM
.....uuuUgcaauugguagaacucacacu.....	5	1	GDM
.....uuuAgcaauugguagaacucacacu.....	32	1	GDM
.....uuuggcaauugguagUacucacacu.....	15	1	GDM
.....uuuggcaauugguagaacucaAacu.....	4	1	GDM
.....uuuggcaauugguagaacucacacu.....	11720	0	GDM
.....uuuggcaauuggCagaacucacacu.....	36	1	GDM
.....uuuggcaauugguagaacuAacacu.....	2	1	GDM
.....uuuggcaauugguagaGcucacacu.....	67	1	GDM
.....uuuggcaauugguagaacucGcacu.....	46	1	GDM
.....uuuggcCaugguagaacucacacu.....	3	1	GDM
.....uuuggUaaugguagaacucacacu.....	27	1	GDM
.....uuuggcaaAgguagaacucacacu.....	14	1	GDM
.....uGuggcaauugguagaacucacacu.....	5	1	GDM
.....uuuggcaCugguagaacucacacu.....	2	1	GDM
.....uuuggcaauugguagaCucacacu.....	2	1	GDM
.....uuuggcaGugguagaacucacacu.....	62	1	GDM
.....uuGggcaauugguagaacucacacu.....	5	1	GDM
.....uuuggcaauugguagaacuUacacu.....	29	1	GDM
.....Auuggcaauugguagaacucacacu.....	23	1	GDM
.....uuugAcauugguagaacucacacu.....	15	1	GDM
.....uuuggcaauugguagaacucacCcu.....	3	1	GDM
.....uuuggUaaugguagaacucacacu.....	27	1	GDM
.....uuuggcaauugguagaaAucacacu.....	2	1	GDM
.....uuuggcaauugguagaacucacacG.....	74	1	GDM
.....uuuggcaauugguagaacucUcacu.....	7	1	GDM
.....uuuggcaauuggAagaacucacacu.....	8	1	GDM
.....uuuggcaauugguagaacucacaUu.....	15	1	GDM
.....uuuggAaaugguagaacucacacu.....	7	1	GDM
.....uuuggcaauugguagaacucacUcu.....	11	1	GDM
.....uuuggcaauugguagaacucUcacu.....	7	1	GDM
.....uuuggcaauugguagaacAacacu.....	25	1	GDM
.....uuugCcauugguagaacucacacu.....	4	1	GDM
.....uuAggcaauugguagaacucacacu.....	19	1	GDM
.....uuuggcaauugguGgaacucacacu.....	56	1	GDM
.....uuCggcaauugguagaacucacacu.....	53	1	GDM
.....uuuggcaauuggAuaaacucacacu.....	11	1	GDM
.....Cuuggcaauugguagaacucacacu.....	58	1	GDM
.....uuuggcaauCguagaacucacacu.....	1	1	GDM
.....uuuggcaauugguUgaacucacacu.....	14	1	GDM
.....uuuggcaauugguagaacucacCcu.....	3	1	GDM
.....uuuggcaauugguagaacCcacacu.....	91	1	GDM
.....uuuggcaauugguaAaacucacacu.....	7	1	GDM
.....uuuAgcaauugguagaacucacacu.....	32	1	GDM
.....uuuggcaauugguagaacGcacacu.....	1	1	GDM
.....uuuggcaauugguagaacucaUacu.....	10	1	GDM
.....uuuggcaaGgguagaacucacacu.....	4	1	GDM
.....uAuggcaauugguagaacucacacu.....	11	1	GDM
.....uCuggcaauugguagaacucacacu.....	52	1	GDM
.....uuuggcaauugguagaacCcacacu.....	91	1	GDM
.....Auuggcaauugguagaacucacacu.....	23	1	GDM
.....uuuggcaauugguagaacucacacA.....	388	1	GDM
.....uuugAcauugguagaacucacacu.....	15	1	GDM
.....uuuggcaauugguaUaacucacacu.....	8	1	GDM
.....uuuggcaauuggAuaaacucacacu.....	11	1	GDM
.....uCuggcaauugguagaacucacacu.....	52	1	GDM
.....uuuggcaauugguGgaacucacacu.....	56	1	GDM
.....uuuggcaauugguagUacucacacu.....	15	1	GDM
.....Guuggcaauugguagaacucacacu.....	8	1	GDM
.....uAuggcaauugguagaacucacacu.....	11	1	GDM
.....uuuggcaauAguagaacucacacu.....	21	1	GDM
.....uuuggcUaugguagaacucacacu.....	8	1	GDM
.....Guuggcaauugguagaacucacacu.....	8	1	GDM
.....uuuggcaauugguagaacucacacG.....	74	1	GDM
.....uuuggcaauugguagaacucacaUu.....	15	1	GDM

gagcugcuugccucccccguuuuuggcaauugguagaacucacacuggugagguaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....uuuggcaaCgguagaacucacacu.....	40	1	GDM
.....uuCggcaauugguagaacucacacu.....	53	1	GDM
.....uuuggcaauugguagaacucacacC.....	1052	1	GDM
.....uuuggcaauugguagaacucacacC.....	1052	1	GDM
.....uuuggAaaugguagaacucacacu.....	7	1	GDM
.....uuuggcaauugguagaacucacacA.....	388	1	GDM
.....uuuggcaauuggAagaacucacacu.....	8	1	GDM
.....uuuggcaauugguagaacuAacacu.....	2	1	GDM
.....uuuggcaauugguagaaAucacacu.....	2	1	GDM
.....uuuggUaaugguagaacucacacu.....	27	1	GDM
.....Cuuggcaauugguagaacucacacu.....	58	1	GDM
.....uuuggcaauugguagaacucUcacu.....	7	1	GDM
.....uuuggcaauugguagaacucCcacu.....	1	1	GDM
.....uuuggcaaaGgguagaacucacacu.....	4	1	GDM
.....uuuggcaauugguagaacucacacC.....	1052	1	GDM
.....uuuggcaauugguagaGcucacacu.....	67	1	GDM
.....uuuggcaauugguagaUcucacacu.....	3	1	GDM
.....uuugUcauugguagaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaGcucacacug.....	2	1	GDM
.....uuuggcaauugguagaacucacacug.....	574	0	GDM
.....uuuggcaaAugguagaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaacAacacacug.....	1	1	GDM
.....uuuggcaauugguagaacucacacuA.....	34	1	GDM
.....uuuggcaauugguagaacucacacAg.....	1	1	GDM
.....uuuggcaauugguagaacucacacuU.....	5	1	GDM
.....uuCggcaauugguagaacucacacug.....	2	1	GDM
.....uuuggcaauugguagaacucacacuU.....	5	1	GDM
.....uuuggcaGugguagaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaacucacGcug.....	3	1	GDM
.....uuuggcaauugguagaacucacaAug.....	1	1	GDM
.....uuuggcaauAguagaacucacacug.....	1	1	GDM
.....Auuggcaauugguagaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaacucacacuA.....	34	1	GDM
.....uuuggcUaugguagaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaacucacacuA.....	34	1	GDM
.....uuuggcaauugguGgaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaacucacacug.....	574	0	GDM
.....uuuggcaauugguagaacuUacacug.....	2	1	GDM
.....uuuggcaauugguagaacucacacCg.....	37	1	GDM
.....uuuggcaauugguagaacucacacCg.....	36	1	GDM
.....uCuggcaauugguagaacucacacug.....	1	1	GDM
.....uuuggUaaugguagaacucacacug.....	3	1	GDM
.....uuuggcaauugguagUacucacacug.....	2	1	GDM
.....uuuggcaauugguagaacCcacacug.....	2	1	GDM
.....uuuggcaauugguagaacCcacacug.....	2	1	GDM
.....uuugAcauugguagaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaacucacGcug.....	3	1	GDM
.....uAuggcaauugguagaacucacacug.....	1	1	GDM
.....uuAggcaauugguagaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaacucacacug.....	574	0	GDM
.....uuuggcaauugAuagaacucacacug.....	1	1	GDM
.....uuuggcaauugguagaGcucacacug.....	2	1	GDM
.....uuuggcaauugguagaacucacacCg.....	37	1	GDM
.....uuuAgcaauugguagaacucacacug.....	3	1	GDM
.....uuuggcaauugguagaacucacacCg.....	37	1	GDM
.....uuuggcaauuggCagaacucacacug.....	3	1	GDM
.....uuuggcaauugguagaacucGcacug.....	1	1	GDM
.....Cuuggcaauugguagaacucacacug.....	3	1	GDM
.....uuuggcGaugguagaacucacacug.....	3	1	GDM
.....uuuggcaauugguagaacucacaUug.....	1	1	GDM
.....Cuuggcaauugguagaacucacacug.....	3	1	GDM
.....uuuggcaauuggCagaacucacacug.....	3	1	GDM
.....uuuggUaaugguagaacucacacug.....	3	1	GDM
.....uuuggcGaugguagaacucacacugg.....	3	1	GDM
.....uuuggcaaaCgguagaacucacacugg.....	5	1	GDM
.....uuuggcaauugguagaacucacacugA.....	138	1	GDM
.....uuuggcaauugguagaacucGcacugg.....	2	1	GDM
.....uuuggcaauugguagaaAucacacugg.....	1	1	GDM
.....uuuggcaGugguagaacucacacugg.....	4	1	GDM

gagcugcuugccucccccguuuuuggcaauugguagaacucacacugggugagguaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....uuuggcaauuggCagaacucacacugg.....	5	1	GDM
.....uuuggcaauugguagaacucacacugU.....	19	1	GDM
.....uuuggcCaugguagaacucacacugg.....	1	1	GDM
.....uuuggcaauugguagaacucacacuÅg.....	4	1	GDM
.....uuuggcaauugguagaacucacacugU.....	19	1	GDM
.....uuuggcaauugguagaGcucacacacugg.....	4	1	GDM
.....uuuggcaauugguaÅaacucacacacugg.....	3	1	GDM
.....uuuggcaauugguagaacucGcacacugg.....	2	1	GDM
.....uuuggcaauugguagaacucacaUugg.....	2	1	GDM
.....uuuggcaauugguagaacucacacGgg.....	6	1	GDM
.....uuuggcaauugguagaacCcacacacugg.....	4	1	GDM
.....uuuggcaauugguGgaacucacacacugg.....	3	1	GDM
.....uuuggcaauugguagaacucacGcugg.....	7	1	GDM
.....uuuggcaauugguagaacucUcacacugg.....	1	1	GDM
.....uuuggcaauugguGgaacucacacacugg.....	3	1	GDM
.....uuuggUaaugguagaacucacacacugg.....	1	1	GDM
.....uuuggcaauugguagaacCcacacacugg.....	4	1	GDM
.....uuuggcaauugguagaacucacacCgg.....	2	1	GDM
.....uuuggcaauuggCagaacucacacacugg.....	5	1	GDM
.....uuuggcaauugguagaGcucacacacugg.....	4	1	GDM
.....uuuggcaauugguagaacuÅaacacacugg.....	1	1	GDM
.....uuuggcaauugguagaacucacacugU.....	19	1	GDM
.....uuuggcaauÅaguagaacucacacacugg.....	1	1	GDM
.....uuuggcaauugguagaacucacacugÅ.....	138	1	GDM
.....uuuggcaauugguGgaacucacacacugg.....	3	1	GDM
.....uuuggcaauugguaÅaacucacacacugg.....	3	1	GDM
.....uuuggcaauugguagaacucacGcugg.....	7	1	GDM
.....uuuggcaGugguagaacucacacacugg.....	4	1	GDM
.....uuuggcUaugguagaacucacacacugg.....	1	1	GDM
.....uuuggcaauugguagaacucacacacugC.....	5	1	GDM
.....uuuggcaauugguagaacucacacÅgg.....	1	1	GDM
.....uuuggcaauugguagaacucacacacugC.....	5	1	GDM
.....uuuggcGaugguagaacucacacacugg.....	3	1	GDM
.....uuuggcaauugguagaacucacacacugC.....	5	1	GDM
.....uuugAcauugguagaacucacacacugg.....	1	1	GDM
.....uuuggcaauugguagaacucacacuUg.....	1	1	GDM
.....uuuggcaauugguagaacucacacuÅg.....	4	1	GDM
.....uuuggcaaCgguagaacucacacacugg.....	5	1	GDM
.....uuuggcaauugguagaacucacacGgg.....	6	1	GDM
.....uuuggcaauugguagaacucacacCgg.....	2	1	GDM
.....uuuggcaaCgguagaacucacacacugg.....	5	1	GDM
.....uuuggcaauugguagaacAcacacacugg.....	2	1	GDM
.....uuuggcaauugguagaacAcacacacugg.....	2	1	GDM
.....uuuggcaaÅgguagaacucacacacugg.....	1	1	GDM
.....uuuggcaauugguagaacuUcacacugg.....	2	1	GDM
.....uuuggcaauugguagaGcucacacacugg.....	4	1	GDM
.....uuuggcaauugguagaacucacacugÅ.....	138	1	GDM
.....uuuggcaauuggCagaacucacacacugg.....	5	1	GDM
.....uuuggcaauugguagaacucacacCggu.....	2	1	GDM
.....uuuggcaauuggCagaacucacacacuggu.....	2	1	GDM
.....uuuggcaauugguagaacucacacuÅgu.....	1	1	GDM
.....uuuggcaauugguagaacucaUcacuggu.....	2	1	GDM
.....uuuggcaauugguagaacCcacacacuggu.....	2	1	GDM
.....uuuggcaGugguagaacucacacacuggu.....	1	1	GDM
.....uuuggcaauugguagaacucUcacuggu.....	1	1	GDM
.....uuuggUaaugguagaacucacacacuggu.....	1	1	GDM
.....uuuggcaauugguagaacucacacCggu.....	2	1	GDM
.....Cuggcaauugguagaacucac.....	1	1	GDM
.....uuggcaauugguagaacucaca.....	12	0	GDM
.....uuggcaauugguagaacucaca.....	12	0	GDM
.....uuUgcaauugguagaacucaca.....	3	1	GDM
.....uuUgcaauugguagaacucaca.....	3	1	GDM
.....uuggcaauugguagaacucaca.....	12	0	GDM
.....uCGgcaauugguagaacucaca.....	1	1	GDM
.....uuggcaauugguagaacucacaU.....	1	1	GDM
.....uuggcaauugguagaacucacacu.....	30	0	GDM
.....uuggcaauugguagaacucacacu.....	30	0	GDM
.....uuÅgcaauugguagaacucacacu.....	1	1	GDM
.....uuggcaauugguagaacuUcacacu.....	1	1	GDM

gagcugcuugccuccccccguuuuuggcaaugguagaacucacacacugggugagguaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

.....uuggcaaugguagaacucacacA.....	1	1	GDM
.....uuggcaaugguagaacucacacu.....	30	0	GDM
.....uuggcaaugguagaacucacacug.....	4	0	GDM
.....caaugguagaacucacacu.....	1	0	GDM
.....ugguucuaagacuugccaaacu.....	7	0	GDM
.....ugguucuaagacuugccaaacu.....	7	0	GDM
.....uuuggcaaugGagaacu.....	1	1	Z3_
.....uuuggcaaugguagGacu.....	1	1	Z3_
.....uuuggcUaugguagaacu.....	1	1	Z3_
.....uuCggcaaugguagaacu.....	1	1	Z3_
.....uuuggcaaugguagaacu.....	36	0	Z3_
.....uuuggcaaugguagaacA.....	2	1	Z3_
.....uuuggcaaugguagaacC.....	5	1	Z3_
.....uuuggcaaugguagaacA.....	1	1	Z3_
.....uCuggcaaugguagaacuc.....	1	1	Z3_
.....uuuggcaaugguagaacuU.....	1	1	Z3_
.....uuuggcaaugguagaacuc.....	16	0	Z3_
.....uuuggcaaCgguagaacuca.....	1	1	Z3_
.....uuuggcaaugguagUacuca.....	1	1	Z3_
.....uCuggcaaugguagaacuca.....	1	1	Z3_
.....uuuggcaaugguagaacucG.....	1	1	Z3_
.....uuuggcaaugguagaacuca.....	112	0	Z3_
.....uuuggcaaugguagaacCca.....	1	1	Z3_
.....uuuggcaaugguagGacuca.....	1	1	Z3_
.....uuuggcaaugguagaGcucac.....	1	1	Z3_
.....uuuggcaaugguagaacAcac.....	2	1	Z3_
.....uuCggcaaugguagaacucac.....	2	1	Z3_
.....uuuggcaaugguagaacCcac.....	2	1	Z3_
.....uuuggcaaugguagaacucaU.....	22	1	Z3_
.....uuuggcaaugguGgaacucac.....	2	1	Z3_
.....uuuggcaauggAgaacucac.....	1	1	Z3_
.....uuuggcaaugguagaacucaA.....	3	1	Z3_
.....uuuggcaaugguagaacucac.....	95	0	Z3_
.....uuuggcaaugguagaacucaUa.....	3	1	Z3_
.....uuuggcaaugguagaacucaAa.....	1	1	Z3_
.....Cuuggcaaugguagaacucaca.....	8	1	Z3_
.....uuuggcaaugguagaacAcaca.....	6	1	Z3_
.....uuuggcaaGgguagaacucaca.....	1	1	Z3_
.....uuuggcaaugguagaacucacG.....	29	1	Z3_
.....uGuggcaaugguagaacucaca.....	2	1	Z3_
.....uuuggcaGugguagaacucaca.....	5	1	Z3_
.....uuuggcaauAguagaacucaca.....	5	1	Z3_
.....uuuggcaauAguagaacucaca.....	1	1	Z3_
.....uuuggcaaugguGgaacucaca.....	2	1	Z3_
.....uuuggcaCugguagaacucaca.....	2	1	Z3_
.....uuuggcaauggAgaacucaca.....	1	1	Z3_
.....uuuggcaaugguagaacucacC.....	2	1	Z3_
.....uuuggcaauggCagaacucaca.....	8	1	Z3_
.....uuuggcaaugguagaacCcaca.....	10	1	Z3_
.....uuuggcaaugguagaacuUaca.....	2	1	Z3_
.....uuuUgcaaugguagaacucaca.....	2	1	Z3_
.....uuuggcaaugAuagaacucaca.....	1	1	Z3_
.....uuuggcaaugguagUacucaca.....	2	1	Z3_
.....uuuggcaaugguagaacucacU.....	16	1	Z3_
.....uuuggcaaugguagaUcucaca.....	1	1	Z3_
.....Auuggcaaugguagaacucaca.....	2	1	Z3_
.....uuuggAaugguagaacucaca.....	1	1	Z3_
.....uCuggcaaugguagaacucaca.....	8	1	Z3_
.....uuuggcaaugguagaacucaca.....	1555	0	Z3_
.....uuuggcGaugguagaacucaca.....	14	1	Z3_
.....Guuggcaaugguagaacucaca.....	1	1	Z3_
.....uuCggcaaugguagaacucaca.....	9	1	Z3_
.....uuuggcaaugguaAaacucaca.....	2	1	Z3_
.....uAuggcaaugguagaacucaca.....	4	1	Z3_
.....uuuggcaauggGagaacucaca.....	1	1	Z3_
.....uuuggcaaugguagaacucGca.....	6	1	Z3_
.....uuuggcaaCgguagaacucaca.....	9	1	Z3_
.....uuuggcUaugguagaacucaca.....	1	1	Z3_



gagcugcuugccucccccguuuuuggcaauugguagaacucacacuggugagguaacaggauccggugguucuaagacuugccaaacuauggggcgaggacucagccggcac

uuuggcaauugguagaGcucaca	5	1	Z3_
uuuggUaaugguagaacucaca	3	1	Z3_
uuAggcaauugguagaacucaca	4	1	Z3_
uuuggcaauugguagaacucacaG	3	1	Z3_
uuuggcaauugguagaacUacac	1	1	Z3_
uuuggcaauugguagaacucacaA	2	1	Z3_
uuuggcaauugguagaacucacaU	5	1	Z3_
uuuggcaauugguagaacucacac	32	0	Z3_
uuuggcaauugguagaacucacacC	475	1	Z3_
Auuggcaauugguagaacucacacu	9	1	Z3_
uuuggcaaaAgguagaacucacacu	5	1	Z3_
uuuggcaauugguagaacucacacG	27	1	Z3_
uuugUcaauugguagaacucacacu	1	1	Z3_
uuuggcaauugguUgaacucacacu	8	1	Z3_
uuuggcaauugguagUacucacacu	3	1	Z3_
uuuggcaauugguagaacucacacA	170	1	Z3_
uuuggcaauugguagaacucGcacu	22	1	Z3_
uuuggcaauuggAgaacucacacu	2	1	Z3_
uuuggcaauugguagaGucacacu	1	1	Z3_
uuCggcaauugguagaacucacacu	27	1	Z3_
uuuggcaaaCgguagaacucacacu	16	1	Z3_
uuuggUaaugguagaacucacacu	15	1	Z3_
uuuggcaauugguagaacucAacu	1	1	Z3_
uuuggcaauugguagaacAcacacu	1	1	Z3_
uuuggcaauugguagaacucacUcu	5	1	Z3_
uuuggcaauugguagaacUacacu	7	1	Z3_
uuuUgcaauugguagaacucacacu	2	1	Z3_
uCuggcaauugguagaacucacacu	22	1	Z3_
uuuggcaaaGgguagaacucacacu	2	1	Z3_
uuuggcaauugguagaacucacacu	4712	0	Z3_
uuAggcaauugguagaacucacacu	7	1	Z3_
uuuggcaauugguagaacucacaUu	5	1	Z3_
uuuggcaauuggGagaacucacacu	1	1	Z3_
uGuggcaauugguagaacucacacu	1	1	Z3_
uuuAgcaauugguagaacucacacu	4	1	Z3_
Guuggcaauugguagaacucacacu	5	1	Z3_
uuuggcaauugUuagaacucacacu	1	1	Z3_
uAuggcaauugguagaacucacacu	8	1	Z3_
uuuggcaauugguagaUcucacacu	2	1	Z3_
uuuggcaauugguagaacucacaAu	1	1	Z3_
uuuggAaauugguagaacucacacu	1	1	Z3_
uuuggcaauugguagaacucacCcu	1	1	Z3_
uuuggcaauuggCagaacucacacu	18	1	Z3_
uuuggcaauugguagaacucacuUacu	7	1	Z3_
uuugAcaauugguagaacucacacu	5	1	Z3_
uuuggcaauugguGgaacucacacu	17	1	Z3_
uuuggcaauugAuaagaacucacacu	7	1	Z3_
uuuggcaauugguagaacucacGcu	16	1	Z3_
uuugcGaugguagaacucacacu	15	1	Z3_
Cuuggcaauugguagaacucacacu	47	1	Z3_
uuuggcaauugguagaacCcacacu	33	1	Z3_
uuuggcaauugguUaacucacacu	2	1	Z3_
uuuggcaauugguagaCucacacu	2	1	Z3_
uuuggcaauugguagaacucCcacu	3	1	Z3_
uuuggcaauugguagaAaucacacu	2	1	Z3_
uuuggGaaugguagaacucacacu	1	1	Z3_
uuuggcUaugguagaacucacacu	3	1	Z3_
uuuggcaauugguagaacucUcacu	3	1	Z3_
uuuggcaauugguAaacaacucacacu	7	1	Z3_
uuuggcaGugguagaacucacacu	22	1	Z3_
uuuggcaauugguagaGcucacacu	23	1	Z3_
uuuggcaaaGgguagaacucacacug	1	1	Z3_
uuuggcaauugguUgaacucacacug	2	1	Z3_
uuuggcaauugguagaacucacacuC	2	1	Z3_
uCuggcaauugguagaacucacacug	1	1	Z3_
Cuuggcaauugguagaacucacacug	1	1	Z3_
uuuggUaaugguagaacucacacug	1	1	Z3_

gagcugcuugccuccccccguuuuuggcaauugguagaacucacacugggugagguaaacaggauccggugguucuaagacuugccaacuauggggcgaggacucagccggcac

.....uuuggcaauugguagaacucUcacug.....	1	1	Z3_
.....uuuggcaauugguagaacucacacCg.....	5	1	Z3_
.....uuuggcaauugguagaGcucacacug.....	2	1	Z3_
.....uuuggcaauugguagaacucacacuA.....	13	1	Z3_
.....uuugAcaauugguagaacucacacug.....	1	1	Z3_
.....uuuAgcaauugguagaacucacacug.....	1	1	Z3_
.....uuuggcaauugguagaacuUacacug.....	1	1	Z3_
.....uuuggcaauugAuaagaacucacacug.....	4	1	Z3_
.....uuuggcaauugguagaacucacUcug.....	1	1	Z3_
.....uuCggcaauugguagaacucacacug.....	1	1	Z3_
.....uuuggcGauugguagaacucacacug.....	3	1	Z3_
.....Guuggcaauugguagaacucacacug.....	1	1	Z3_
.....uuuggcaauugguagaacucacacug.....	252	0	Z3_
.....uuAggcaauugguagaacucacacug.....	1	1	Z3_
.....uuuggcaaCgguaagaacucacacug.....	1	1	Z3_
.....uuuggcaauugguagaacCcacacug.....	2	1	Z3_
.....uuuggcaauugguagaacucacGcug.....	2	1	Z3_
.....uuuggcaauugguagaacucGcacugg.....	6	1	Z3_
.....uuuggcaauuggCagaacucacacugg.....	1	1	Z3_
.....uuuggcaauugguGgaacucacacugg.....	2	1	Z3_
.....uuuggcaauugguagaacucacacCgg.....	4	1	Z3_
.....uuuggcaauugguagaaAucacacugg.....	1	1	Z3_
.....uuuggcGauugguagaacucacacugg.....	4	1	Z3_
.....uuuggcaauugguagaacucacacugA.....	66	1	Z3_
.....uuuggAaaugguagaacucacacugg.....	1	1	Z3_
.....uuuggcaauugguagaacucacacuAg.....	1	1	Z3_
.....uuuggcaauugguagaacucacacugU.....	12	1	Z3_
.....uuuggcaauugguagaacCcacacugg.....	6	1	Z3_
.....uuuggcaaCgguaagaacucacacugg.....	2	1	Z3_
.....uuuggcaauugguagaacucacacugC.....	3	1	Z3_
.....uuugAcaauugguagaacucacacugg.....	1	1	Z3_
.....uuuggcaauAguaagaacucacacugg.....	6	1	Z3_
.....uuuggcaCugguagaacucacacugg.....	1	1	Z3_
.....uuuggUaaugguagaacucacacugg.....	1	1	Z3_
.....uuuggcaauugguagaacuUacacugg.....	1	1	Z3_
.....uuuggcaauugguagaGcucacacugg.....	1	1	Z3_
.....uuuggcaauugguaAaacucacacugg.....	2	1	Z3_
.....uuuggcaauUguaagaacucacacuggu.....	1	1	Z3_
.....uuuggcaauugguagaacuAacacuggu.....	1	1	Z3_
.....uuuggcaaAgguagaacucacacuggu.....	2	1	Z3_
.....uuuggcaauugguagaGcucacacuggu.....	1	1	Z3_
.....uuuggcaGugguagaacucacacuggu.....	1	1	Z3_
.....uggcaauugguUgaacucacacu.....	1	1	Z3_
.....uggcaauugguagaacucacacu.....	12	0	Z3_
.....uggcaauugguagaacucacacC.....	2	1	Z3_
.....uggcaauugguagaacucacacugA.....	4	1	Z3_