

[illegible]

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuagggggu	cuggccgggggacauuguguug			
.....augguuagugCgcucgac.....	7	1	s52	
.....aAgguuagucACgcucgac.....	2	3	s52	
.....auggGuagugCgcucgac.....	2	2	s52	
.....augguuagugUgcucAacu.....	1	2	s52	
.....augguuagugUgcucGgacu.....	1	2	s52	
.....augguuagugCgcucgacuc.....	2	1	s52	
.....augguuagugCgcCcgacu.....	1	2	s52	
.....augguuagCgCgcucgacuc.....	1	2	s52	
.....augguuagugCgcucgacuc.....	2	1	s52	
.....augguuagugUgcucgUcCc.....	1	3	s52	
.....augguuagugCAcucUacuc.....	5	3	s52	
.....augguuagugUgcucgacucc.....	1	1	s52	
.....augguuagugCgcucgacucc.....	2	1	s52	
.....auggCuagugCgcucgacuccgg.....	1	2	s52	
.....augguuagugUgcucgacuccgg.....	1	1	s52	
.....augguuagugCgcucgacuccgg.....	12	1	s52	
.....augguuCgugCgcucgacuccgg.....	1	2	s52	
.....augguuagugCAcucgacuccgga.....	1	2	s52	
.....augguuagugCgcucgacuccgga.....	30	1	s52	
.....augguCagugUgcucgacuccgga.....	1	2	s52	
.....augguuagugUgcucgacuccgga.....	4	1	s52	
.....augguuagugCgcucgacucUgga.....	1	2	s52	
.....augguuagugCgcucAacuccgga.....	2	2	s52	
.....augUuuagugCgcucgacuccgga.....	1	2	s52	
.....augguCagugCgcucUgacuccgga.....	1	3	s52	
.....augguuagugCgcucgacuccAga.....	1	2	s52	
.....augguuagAgUgcucgacuccgga.....	1	2	s52	
.....augguuagugCgcucgacuccggaA.....	1	2	s52	
.....augguuagugCgcucgacAaccggau.....	1	2	s52	
.....augguuagugUgcucgacAaccggau.....	2	2	s52	
.....augguuagugCgcucgacuccAgUu.....	1	3	s52	
.....augguuagugCgcucgacuccAgau.....	1	2	s52	
.....augguuagugUgcucgacuccggaG.....	3	2	s52	
.....augguuagugCgcucgacuccggau.....	31	1	s52	
.....augguuagugUgcucgacuccggau.....	1	1	s52	
.....augguuagAgUgcucgacuccggau.....	1	2	s52	
.....augguuagCgCgcucgacuccggau.....	2	2	s52	
.....augguuagugCgcucgacuUcgga.....	1	2	s52	
.....augguuagCgCgcucgacuccggauC.....	1	3	s52	
.....augguuagugCgcucgacuccggauC.....	31	2	s52	
.....augguuagugCgcucgacAaccggauC.....	1	3	s52	
.....augguuagugCgcucgacuAaccggauC.....	1	3	s52	
.....augguuagugCgcucgacuccggauC.....	1	3	s52	
.....augguuagAgUgcucgacuccggauC.....	3	3	s52	
.....augguCagugUgcucgacuccggauC.....	1	3	s52	
.....augguuagAgUgcucgacuccggauCg.....	1	3	s52	
.....augguuagugCgcucgacuccggauUg.....	1	2	s52	
.....augguuagugCgcucgacuccggauCg.....	96	2	s52	
.....augguuCgugCgcucgacuccggauCg.....	1	3	s52	
.....augguuagCgCgcucgacuccggauCg.....	10	3	s52	
.....augguuagugCgcucAgacuccggauCg.....	1	3	s52	
.....augguuagugCgcucgacAaccggauCg.....	4	3	s52	
.....augguuagugCgcucgacuccggauCA.....	2	3	s52	
.....augguuagugCgcucUgacuccggauCg.....	4	3	s52	
.....augguuagugCgcucgacuccgUauCg.....	1	3	s52	
.....augguuagugUgcucgaUuccggauCg.....	1	3	s52	
.....augguuagugCgcucgaUuccggauCg.....	1	3	s52	
.....augguuagugCgcucgacuccAgauCg.....	3	3	s52	
.....augguuagugCgcucgacuccCgauCg.....	1	3	s52	
.....augguuagugUgcucAgacuccggauUga.....	1	3	s52	
.....augguuagugUgcucAacuccggauCga.....	3	3	s52	
.....augguuagugCgcucGgacuccggauCga.....	1	3	s52	
.....augguuagugCgcucgacuccUgauCga.....	1	3	s52	
.....augguuagugCgcucAgacuccggauCga.....	1	3	s52	
.....augguuagugCgcucgacuccUggauUga.....	1	3	s52	
.....augguuagugCgcucgacuccAgauCga.....	4	3	s52	
.....augguuagugCgcucUacuccggauCga.....	3	3	s52	
.....augguuagugCgcucgacuccggauCga.....	15	2	s52	
.....augguuagugCgcucgacuccUggauCga.....	2	3	s52	
.....auggGuagugCgcucgacuccggauCga.....	1	3	s52	

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuagggggucuggccgggggacauuguguug

..... .augguuagugCgcucgacuCaggauCga.....	2	3	s52
..... .augguuagugUgcucgacuccggauCga.....	4	2	s52
..... .augguuagugCgcUgacuccggauCga.....	16	3	s52
..... .augguuagugCgcucUacuccggauCgag.....	1	3	s52
..... .augguuagugCgcucgacuccCgauCgag.....	1	3	s52
..... .augguuagugCgcUgacuccggauCgag.....	5	3	s52
..... .augguuagugCgcucgacuccggauCgag.....	2	2	s52
..... .augguuagugCgcUAgacuccggauCgag.....	2	3	s52
..... .augguuagugUgcucAacuccggauCgag.....	2	3	s52
..... .augguuagugUgcucAacuccggauUgag.....	1	3	s52
..... .augguuagugCgcucgacuccggauUag.....	3	3	s52
..... .augguuagugCgcucgacuccggauUagu.....	2	3	s52
..... .augguuagugCgcUGgacuccggauCgagu.....	2	3	s52
..... .augguuagugCgcucgacuccggauCAgu.....	2	3	s52
..... .augguuagugCgcucgacuccggauUgagu.....	1	2	s52
..... .augguuagugUgcucAacuccggauCgagu.....	2	3	s52
..... .augguuagugCgcUgacuccggauCgagu.....	7	3	s52
..... .AgguuagugCgcucgacu.....	1	2	s52
..... .ugguuagugCgcucgacu.....	1	1	s52
..... .AgguuagugCgcucgacucc.....	1	2	s52
..... .AgguuagugCgcucgacuccg.....	6	2	s52
..... .ugguuagugCgcucgacuccgg.....	2	1	s52
..... .AgguuagugCgcucgacuccgg.....	6	2	s52
..... .AgguuagAgUgcucgacuccgga.....	2	3	s52
..... .AgguuagugCgcucgacuccgga.....	9	2	s52
..... .AgguuagugUgcucgacuccgga.....	2	2	s52
..... .ugguuagugUgcucgacuccgga.....	1	1	s52
..... .ugguuagugCgcucgacuccgga.....	4	1	s52
..... .AgguuagugCgcucgacuccggau.....	6	2	s52
..... .ugguuagugCgcucgacuccggau.....	1	1	s52
..... .AgguuagugCgcucgacuccggauC.....	9	3	s52
..... .AgguuagugCgcucgacuccggaua.....	1	2	s52
..... .ugguuagugCgcucgacuccggauC.....	1	2	s52
..... .ugguuagugCgcucgacuccggauCg.....	9	2	s52
..... .AgguuagugCgcucgacuccggauCg.....	15	3	s52
..... .ugguuagugCgcucgacuccggauCg.....	1	3	s52
..... .ugguuagugCgcUgacuccggauCga.....	1	3	s52
..... .ugguuagugUgcucgacuccggauCga.....	3	2	s52
..... .ugguuagugCgcucgacuccUggauUga.....	1	3	s52
..... .ugguuagugCgcucgacuccggauCga.....	1	2	s52
..... .AgguuagugCgcucgacuccggauCga.....	2	3	s52
..... .ugguuagugUgcucAacuccggauCgag.....	1	3	s52
..... .ugguuagugCgcUgacuccggauCgag.....	1	3	s52
..... .ugguuagugCgcucgacuccggauUgagu.....	1	2	s52
..... .gguCagugCgcucgacuccgg.....	1	2	s52
..... .AguuagugCgcucgacuccgg.....	1	2	s52
..... .gguuagugCgcucgacuccgga.....	1	1	s52
..... .AguuagugCgcucgacuccggau.....	4	2	s52
..... .gguuagugCgcucgacuccggauCg.....	1	2	s52
..... .AguuagugCgcucgacuccggauCg.....	3	3	s52
..... .AuuagugCgcucgacucc.....	1	2	s52
..... .AuuagugUgcucgacuccg.....	1	2	s52
..... .AuuagugUgcucgacuccgga.....	1	2	s52
..... .AuuagugUgcucgacuccggaG.....	1	3	s52
..... .AuuagugCgcucgacAccggau.....	1	3	s52
..... .AuuagugCgcucgacuccggauC.....	1	3	s52
..... .guuagugUgcucgacuccggauC.....	1	2	s52
..... .guuagugCgcucgacuccggauUg.....	1	2	s52
..... .guuagugCgcucgacuccggauCg.....	2	2	s52
..... .AuuagugCgcucgacuccggauCg.....	4	3	s52
..... .AuagugCgcucgacuccgg.....	1	2	s52
..... .AuagugCgcucgacuccgga.....	2	2	s52
..... .uuagugCgcucgacuccgga.....	1	1	s52
..... .AuagugCgcucgacuccggau.....	4	2	s52
..... .AuagugCgcucgacuccggaG.....	1	3	s52
..... .AuagugCgcucgacuccggauC.....	2	3	s52
..... .AuagugCgcucgacuccggauCg.....	15	3	s52
..... .uuagugCgcucgacuccggauCg.....	2	2	s52
..... .uuagugUgcUAgacuccggauUga.....	1	3	s52
..... .uagugCgcucgacuccgga.....	1	1	s52

agggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuagggguucuggccgggggacauuguguug

.....agugUgcucgacuccggau.....	2	1	s52
.....agugCgcucgacuccggau.....	2	1	s52
.....agugCgcucgacuccggauCg.....	4	2	s52
.....agAgUgcucgacuccggauCg.....	1	3	s52
.....agugUgcucgacuccggauGCga.....	1	3	s52
.....agugCgcUgacuccggauCga.....	1	3	s52
.....agugUgcucgacuccggauGCgag.....	1	3	s52
.....AugCgcucgacuccggauC.....	1	3	s52
.....AgCgcucgacuccggauCgag.....	1	3	s52
.....ugCgcucgacuccggauCgaguGguccg.....	1	3	s52
.....ACgcucgacuccggauCg.....	2	3	s52
.....gCgcucUacuccggauCgag.....	1	3	s52
.....agUucgaUuccggauGagag.....	1	3	s52
.....agcucgacuccggauCgaguGgu.....	1	2	s52
.....agcucgacuccAgauCgaguGgu.....	3	3	s52
.....agcucgacuccggauCgaguGguC.....	1	2	s52
.....agcGcgacuccggauCgaguGgucc.....	1	3	s52
.....agcucgacuccggauCgaguGguUcg.....	1	3	s52
.....AcucgacuccggauCgaguGgu.....	1	3	s52
.....AuucgacuccggauCgaguG.....	2	3	s52
.....AcgacuccggauCgaguG.....	2	3	s52
.....AcgacuccggauCgaguGgucc.....	1	3	s52
.....AcgacuccggauCgaguGguccggguu.....	1	3	s52
.....AgacuccggauCgaguGg.....	1	3	s52
.....AgacuccggauCgaguGgucc.....	2	3	s52
.....gGcGccgggaAagaguugu.....	1	3	s52
.....AacuccggauUgaguGgu.....	1	3	s52
.....acGccgggaAagaguuguc.....	1	2	s52
.....acuccgggaGCgaguGgucc.....	4	3	s52
.....acGccgggaAagaguugucU.....	6	3	s52
.....acuccggauCgaguGgucc.....	1	2	s52
.....AuuccggauCgaguuguccggguuCgggg.....	8	3	s52
.....uccggauCgaguuguccggguuCgggg.....	1	2	s52
.....uccggauCgaguGguccggguuCgggg.....	1	3	s52
.....uccggauCgaguuguccggguuCggggCc.....	1	3	s52
.....ccggauCgaguGguccggguuCggg.....	1	3	s52
.....AgauCgaguGguccgggu.....	2	3	s52
.....auCgaguGguccggguuC.....	1	3	s52
.....auCgaguGguccggguua.....	2	2	s52
.....auCgaguGguccggguuCg.....	1	3	s52
.....auCgaguGguccggguuCggg.....	2	3	s52
.....auCgaguuguccggguuCggggCc.....	1	3	s52
.....ACgaguuguccggguuCgggg.....	2	3	s52
.....agaguGguccggguuCgggg.....	1	2	s52
.....agaguuguccggguuCggggCcu.....	1	2	s52
.....aguGguccggguuCggggCcugggcc.....	1	3	s52
.....aguuguccggguuCggggCcuggccgggU.....	1	3	s52
.....uGguccggguuCggggCcugggc.....	1	3	s52
.....AguUcggguuagggUucu.....	1	3	s52
.....AguccggguuCggggCcu.....	2	3	s52
.....AguccggguuCggggCcug.....	2	3	s52
.....AguUcggguuagggguuU.....	1	3	s52
.....GguUcggguuagggUucug.....	1	3	s52
.....AguUcggguuagggUucug.....	4	3	s52
.....AguccggguuCggggCcuggccg.....	1	3	s52
.....AguccggguuCggggCcuggccggg.....	1	3	s52
.....guUcggguGagggUucug.....	1	3	s52
.....guUcggguuagggUucug.....	2	2	s52
.....AuUcggguuagggUucug.....	2	3	s52
.....uccggguuCggggCcuggccg.....	1	2	s52
.....AcggguuCggggCcuggcc.....	1	3	s52
.....AgguuCggggCcuggccg.....	2	3	s52
.....guuCggggCcuggccggg.....	1	2	s52
.....AagCggucugAccgggga.....	3	3	s52
.....uCggggCcuggccggggacauugCguug.....	1	3	s52
.....agCggucCggccgggAac.....	3	3	s52
.....aggggCGuggccgggggaca.....	2	2	s52
.....aggggCcuggccggggaUauug.....	2	2	s52
.....aggggCcuggccggggaUauuA.....	1	3	s52
.....agggUCcuggccggggacGuug.....	1	3	s52

aggcgccggugcccaugguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug

.....aggggCcuggccggggacauugug...	1	1	s52
.....agggUCuggccggggacauugug...	1	2	s52
.....agggUCuggccggggacauugugu..	1	2	s52
.....agggUCuggccggggacGuugugu..	1	3	s52
.....agggUCuggccggggacauuguguu..	11	2	s52
.....agggUCuggccgggAacauuguguu..	1	3	s52
.....agggUCuggccggggacauuguguug	3	2	s52
.....AggUCuggccggggacauugugu..	2	3	s52
.....AggUCuggccggggacauuguguu..	3	3	s52
.....AgggCcuggccggggacauuguguug	3	2	s52
.....AgggCcuggccggggacauugCguug	2	3	s52
.....AggCcuggccggggacauug.....	1	2	s52
.....AgUCuggccggggacauugug...	1	3	s52
.....AggCcuggccggggacauugugu..	1	2	s52
.....AggCcuggccggggacauugCgu..	1	3	s52
.....AgUCuggccggggacauugugu..	2	3	s52
.....AgUCuggccggggacauuguguu..	3	3	s52
.....AgCCuggccggggacauuguguug	1	3	s52
.....AggCcuggccggggacauuguguuU	1	3	s52
.....AgUCuggccggggacauuguguug	7	3	s52
.....AgCcuggccgggAUauug.....	1	3	s52
.....AUCuggccggggacauug.....	1	3	s52
.....AUCuggccggggacauugug...	2	3	s52
.....gUCuggccggggacauugugu..	1	2	s52
.....AUCuggccggggacauuguguu..	1	3	s52
.....AgCcuggccggggacauuguguu..	1	2	s52
.....gUCuggccggggacauuguguu..	1	2	s52
.....AgCcuggccggggacauuguguuU	3	3	s52
.....AUCuggccggggacauuguguug	1	3	s52
.....AgCcuggccggggacauugCguug	1	3	s52
.....UCuggccggggacauug.....	1	2	s52
.....ACuggccggggacauug.....	3	2	s52
.....UCuggccggggacauugug...	1	2	s52
.....ACuggccggggacauugug...	2	2	s52
.....ACuggccggggacAUugug...	1	3	s52
.....ACuggccggggacauugCgu..	1	3	s52
.....ACuggccggggacGuugugu..	1	3	s52
.....ACcuUgccccggggacauuguguu..	1	3	s52
.....ACuggccggggacauuguguug	6	2	s52
.....AcuggccggggacauugC....	1	2	s52
.....AcuAgccccggggacuuCug...	1	3	s52
.....Ccuggccggggacauugug...	1	1	s52
.....AcuggcUggggacauugug...	1	2	s52
.....Acuggccggggacauugug...	2	1	s52
.....AcuggccgggAgacauugug...	1	2	s52
.....Acuggccggggacauugugu..	5	1	s52
.....AcuggcUggggacauuguUu..	1	3	s52
.....AcuggcUggggacauugugu..	2	2	s52
.....AcuggccgggAUauuguAuu..	1	3	s52
.....Acuggccggggacauuguguu..	1	1	s52
.....Acuggccggggacauuguguug	7	1	s52
.....AcuggccggggacAGuguguug	4	2	s52
.....AcugAccggggacauuguguuU	1	3	s52
.....AcuUgccccggggacuuAUguug	1	3	s52
.....AcuggccggggaGauuguguug	1	2	s52
.....AcuggccggggacauuguguuA	1	2	s52
.....AcuUgccccggggacauuguguuU	1	3	s52
.....AcuggccggggacauuguguuU	2	2	s52
.....Auggccggggacauugugu..	1	1	s52
.....AuggccggggacauuguUu..	2	2	s52
.....Auggccggggacauuguguu..	10	1	s52
.....AuggccggggacauuguguA..	1	2	s52
.....cuggccggggaGauuguguu..	1	1	s52
.....AuggccggggacauuguguuA	1	2	s52
.....AuggcUggggacauCguuguug	1	3	s52
.....AuggcAggggacauuguguug	1	2	s52
.....Auggccggggacauuguguug	9	1	s52
.....AuggccggggacauugCguug	2	2	s52
.....uggccccggggacauugugu..	1	0	s52
.....AgggccggggacauuguUu..	2	2	s52

aggcgcgaggccuagguuagugagcucgacuccggauagaguuguccggguuagggggucuggccggggacauuguguug			
.....uggcUggggacauugugu..	1	1	s52
.....Aggccggggacauugugu..	5	1	s52
.....uggccggggacauugugu..	1	0	s52
.....Aggccggggacauugugu..	4	1	s52
.....AggccggggacauuguUuA..	2	3	s52
.....AggccgggggUauuguAu..	1	3	s52
.....AggccggggacGuuguguuA	3	3	s52
.....AggccggggacauuguguuA	1	2	s52
.....Aggccggggacauuguguug	6	1	s52
.....AggccggggacauuguguuU	4	2	s52
.....AggccggggacCuguguug	1	2	s52
.....ggccggggacauugugu..	1	0	s52
.....AgcAggggacauugugu..	1	2	s52
.....ACccggggacauugugu..	2	2	s52
.....ggccggggaUauuguAuA	1	3	s52
.....AgccggggacauugCguug	1	2	s52
.....AgccggggacGuuguguug	1	2	s52
.....AgccggggacauuguguAA	1	3	s52
.....AgccggggacauuguguuU	1	2	s52
.....AgccggggacauuAuguuU	1	3	s52
.....AgccggggaUauuguAuug	1	3	s52
.....Agccggggacauuguguug	4	1	s52
.....AccggggacauuguguuU	2	2	s52
.....Accggggacauuguguug	8	1	s52
.....AccggggacauugCguug	2	2	s52
aggcgcgAuggccuaggg.....	1	1	s23
aggGgcggggccuagguu.....	3	1	s23
aggcgcgAuggccuagguuagug.....	1	1	s23
.ggGgcggggccuagguu.....	1	1	s23
..AcAcgggugccucGugguuagu.....	2	3	s23
.gcgcgAuggccuagguuagug.....	1	1	s23
.gcgcgAuggccuagguuGug.....	1	2	s23
..AcgcgugggccucGugguuagugUg.....	1	3	s23
..AAcggugggccuagUuu.....	1	3	s23
..AUcggugggccuagguu.....	2	2	s23
..AgcggugggccucGugguA.....	1	3	s23
..AgcggugggccuagUuu.....	1	2	s23
..AAcggugggccuagguua.....	2	2	s23
..AgcggugggccuagguuaC.....	1	2	s23
..AgcggugggccucGugguuagug.....	2	2	s23
..AgcggugggccuagguuagugU.....	2	2	s23
..cgcgAuggccuagguuagugU.....	2	2	s23
..cgcgugggccucGugguuagugUg.....	1	2	s23
..cgcgugggccuagguuagAgUgUu.....	1	3	s23
..AgUggugggccuagguuagugCgcucg.....	1	3	s23
..AcgAuggccuagguuagugU.....	3	3	s23
..gcgAuggccuagguuagugU.....	1	2	s23
..gcgAuggccucCugguuagugU.....	1	3	s23
..gcgugggccuagguuGugC.....	1	2	s23
..gcgugggccuagguuaguACgcucga.....	1	2	s23
..Aggugggccuagguuag.....	2	1	s23
..AgguggcAucaugguuagugC.....	1	3	s23
..AggugggccuagguuagugC.....	1	2	s23
..AgAugggccuagguuagugU.....	1	3	s23
..cgugggccuagguuagAgUgc.....	1	2	s23
..cgugggUcucagguuagugUgc.....	1	2	s23
..AggugggccuagguuagugCgcucg.....	2	2	s23
..AgugggccuagguuagugC.....	3	2	s23
..AgugggccuUauugguuagugCgc.....	1	3	s23
..AgugggccuagguuagugCgc.....	1	2	s23
..ggugggccuagguuagugCgcucg.....	1	1	s23
..AugggccuagguuagCgCg.....	1	3	s23
..AugggccuagguuagugCg.....	1	2	s23
..AugggccucGugguuagugCgcucg.....	1	3	s23
..AugggccuagguuagugCgcucg.....	1	2	s23
..AugggccuagguuagugCgcucgacucc.....	1	2	s23
..AgggccuagguuagugU.....	6	2	s23
..AgggccucCugguuagugU.....	1	3	s23
..AgggccuagguuagugC.....	2	2	s23

aggcgccggugcccaugguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug			
.....AggccucaugguuagugCg.....	1	2	s23
.....uggccucaugUuuagCgCg.....	1	3	s23
.....AggccucaugguCagugUgc.....	2	3	s23
.....uggccucaugguuagAgUgc.....	1	2	s23
.....AggccucaugguuagugCgcu.....	2	2	s23
.....AgccucaugguuagugCgcucg.....	1	2	s23
.....AcucaugguCagugUgc.....	3	3	s23
.....AcucaugguuagugCgcuc.....	1	2	s23
.....AcucaugguuagugCgcucg.....	2	2	s23
.....AcucaugguCagugUgcucg.....	2	3	s23
.....AcucaugguuagugCgUucg.....	1	3	s23
.....AcucaugguCagugUgcucga.....	2	3	s23
.....AcucaugguuagugCgcucgac.....	2	2	s23
.....AcucaugguuagAgUgcucgac.....	1	3	s23
.....AcucaugguCagugCgcucgacu.....	1	3	s23
.....AcucaugguuagugCgcucgacuc.....	1	2	s23
.....AcucaugguuagugCgcucUgacuccggau.....	2	3	s23
.....AcucauUguuagugUgcucgacuccggau.....	2	3	s23
.....AcucaugguuagugCgcucgacucUggau.....	1	3	s23
.....AcucaugguuagugCgcucgacuccggau.....	10	2	s23
.....AcucaugguuagugCgcucgacuccAgau.....	2	3	s23
.....UcucaugguuagugCgcucgacuccggauC.....	1	3	s23
.....AcucaugguuagugCgcucgacuccggauC.....	5	3	s23
.....AucaugguuagugCgcua.....	2	3	s23
.....cucaugguCagugCgcuaUg.....	1	3	s23
.....cucaugguuagugCgcucg.....	1	1	s23
.....AucaugguuagugUgcucga.....	1	2	s23
.....AucaugguuUgugCgcucgac.....	1	3	s23
.....cucaugguuagugCgcucgac.....	1	1	s23
.....AucaugguuagugCgcucgacuc.....	1	2	s23
.....AucaugguuagugUgcucgacuccgga.....	1	2	s23
.....AucaugguuagugCgcucgacuccAg.....	1	3	s23
.....cucaugguuagugCgcucgaUuccgga.....	1	2	s23
.....AucaugguuagugCgcucgacucUgga.....	2	3	s23
.....AucaugguuagugCgcucgacuccgga.....	3	2	s23
.....AucaugguuagugCgcucgacuccAgga.....	3	3	s23
.....cucaugguuagugCgcucgacuccAg.....	1	2	s23
.....AucaugguuagugUgcuaAgacuccggau.....	1	3	s23
.....AucaugguuagugCgcucgacuccggau.....	3	2	s23
.....AucaugguuagugCgcucgacuccggaC.....	1	3	s23
.....AucaugguuagugCgcucgacuccggau.....	1	3	s23
.....AucaugguuagugCgcucgacuccggauC.....	9	3	s23
.....AucaugguuagugUgcucgacuccggauC.....	3	3	s23
.....cucaugguuagAgUgcucgacuccggauC.....	1	3	s23
.....AucaugguuagugCgcucgacuccggauCg.....	3	3	s23
.....AcaugguuagugCgcucA.....	1	3	s23
.....AcaugguuagugUgcucA.....	1	3	s23
.....AcaugguuagugCgcucga.....	1	2	s23
.....AcaugguCagugUgcucga.....	1	3	s23
.....ucaugguuagugCgcucgac.....	1	1	s23
.....ucaugguuagAgUgcAagac.....	1	3	s23
.....AcaugguuagugCgcucgac.....	1	2	s23
.....ucaugguCagugCgcucgacu.....	1	2	s23
.....AcauggCuagugCgcucgacu.....	4	3	s23
.....AcaugguuagugCgcucgacA.....	3	3	s23
.....AcaugguuaUugUgcucgacu.....	1	3	s23
.....AcaugguuagugCgcucgacuccg.....	1	2	s23
.....ucaugguuagugCgcucgacuccgg.....	1	1	s23
.....AcaugguuagugUgcucgacuccgga.....	1	2	s23
.....ucaugguuagugCgcucgacuccAg.....	1	2	s23
.....caugguuagugCgcucgac.....	1	1	s23
.....AaugguuagugCgcucgGc.....	1	3	s23
.....AaugguuagugCgcucgac.....	1	2	s23
.....cauggCuagugCgcucgacu.....	1	2	s23
.....AaugguCagugUgcucgacuccgga.....	1	3	s23
.....AGugguagugCgcucgacuccgga.....	1	3	s23
.....AaugguuagugCgcucgacuccgga.....	1	2	s23
.....AaugguuagugCgcucgacuccggGu.....	1	3	s23
.....AaugguuagugCgcucgacuccggau.....	1	2	s23
.....AaugguuagAgUgcucgacuccggau.....	2	3	s23

aggcgccgguggccucaugguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug

.....AaugguuagugUgcucgacuccAgau.....	1	3	s23
.....caugguuagugUgcucgacuccggauC.....	1	3	s23
.....AaugguuagugCgcucgacuccggaua.....	1	2	s23
.....AaugguuagugCgcucgacuccggauU.....	1	3	s23
.....AaugguuagugCgcucgacuccggauCg.....	1	3	s23
.....AaugguuagugCgcucgacuccggauCga.....	2	3	s23
.....augguuagGgUgcUgac.....	1	3	s23
.....augguuagugCgcucgac.....	7	1	s23
.....augguuagugUgcucgac.....	1	1	s23
.....augguuagugCgcUgacu.....	1	2	s23
.....augguuagAgUgcucgCcu.....	1	3	s23
.....augguuagugCgcucgacu.....	3	1	s23
.....augguuagugUgACcgacuc.....	1	3	s23
.....augguuagugUgcUAgacuc.....	1	2	s23
.....augguuagugCgcUgacuc.....	1	2	s23
.....augguuagugCAcucUacuc.....	8	3	s23
.....augguuagugCgcucgacuc.....	1	1	s23
.....augguuagugCgcucgacuccgg.....	2	1	s23
.....augguuagugCgGucgacuccgga.....	1	2	s23
.....augguuagugCgcucgacuccAgga.....	3	2	s23
.....augguuagCgCgcucgacuccgga.....	2	2	s23
.....augguuaUugCgcGcgacuccgga.....	2	3	s23
.....augguuagugCgcUgacuccgga.....	1	2	s23
.....augguuagugUgcucgacuccgga.....	1	1	s23
.....augguuagugCgcucgacuccgga.....	7	1	s23
.....augguuagugCgcucgacuccggau.....	2	1	s23
.....augguuagAgUgcucgUcuccggau.....	1	3	s23
.....augguuagugCgcUgacuccggauC.....	2	3	s23
.....augguuagugCgcucgacuccggauC.....	4	2	s23
.....augguuagugCgcucgacuccggauU.....	1	2	s23
.....augguuagugCgcucgacuccggauC.....	2	3	s23
.....augguuagugCgcucgacuccggauCg.....	3	3	s23
.....augguuagCgCgcucgacuccggauCg.....	2	3	s23
.....augguuagugCgcUgacuccggauCg.....	1	3	s23
.....augguuaAugCgcucgacuccggauCg.....	1	3	s23
.....augguuagugCgcucgacuccggauUg.....	1	2	s23
.....augguuagugCgcucgacuccggauCg.....	20	2	s23
.....augguuagugCgcUgacuccggauCga.....	15	3	s23
.....augguuagugCgcucgacuccggauCga.....	12	2	s23
.....auAguuagugUgcucgacuccggauCga.....	1	3	s23
.....augguuagugCgcucgacuccAgauCga.....	16	3	s23
.....augguuagugCgcucgacuccggauUga.....	1	2	s23
.....augguuagugCgcucgacuccggauCga.....	1	3	s23
.....augguuagugCgcucgCcuuccggauCga.....	1	3	s23
.....augguuagugCgcucgacuAuccggauCga.....	1	3	s23
.....augguuagugCgcucgacuccggauCga.....	1	3	s23
.....augguuagugUgcUAgacuccggauUga.....	4	3	s23
.....augguuagugUgcucAacuccggauCgag.....	1	3	s23
.....augguuagugCgcucgacuccggauCAag.....	2	3	s23
.....augguuagugCgcUAgacuccggauCgag.....	1	3	s23
.....augguuagugUgcUAgacuccggauUgag.....	1	3	s23
.....augguuagugCgcucgacuccggauCCag.....	1	3	s23
.....augguuagugCgcUgacuccggauCgag.....	9	3	s23
.....augguuagugCgcucgacuccggauCUagu.....	1	3	s23
.....augguuagugCgUucgacuccggauCgagu.....	1	3	s23
.....augguuagugCgcucCacuccggauCgagu.....	1	3	s23
.....augguuagugCgcUgacuccggauCgagu.....	1	3	s23
.....AgguuagugCgcUAgacu.....	1	3	s23
.....AgguuagugCgcucgacu.....	3	2	s23
.....AgguuagugCgcucgacuc.....	1	2	s23
.....AgguuagAgUgcucgacucc.....	1	3	s23
.....ugguuagugCgcucgacuccgg.....	1	1	s23
.....AgguCagugUgcucgacuccgga.....	1	3	s23
.....uAguuagugUgcucgacuccgga.....	1	2	s23
.....AgguuagugCgcucgacuccgga.....	4	2	s23
.....AgguuagugCgcucgacuccggauC.....	1	3	s23
.....AgguuagugCgcucgacuccggaua.....	2	2	s23
.....AgguCagugCgcucgacuccggaua.....	3	3	s23

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug			
.....AgguuagugCgcucgacuccggauCg.....	3	3	s23
.....ugguuagCgCgcucgacuccggauCg.....	1	3	s23
.....ugguuagugUgcucAacuccggauUga.....	1	3	s23
.....ugguuagugCAcucgacuccggauCga.....	1	3	s23
.....ugguuagugCgcucgacuccAgauCga.....	1	3	s23
.....ugguuagugCgcUgacuccggauCga.....	1	3	s23
.....ugguuagugCgcucgacuccggauCAag.....	1	3	s23
.....gguuagugCgcucgacuccggauC.....	1	2	s23
.....gguuagugUgcucgacuccggauUg.....	1	2	s23
.....guuagugCgcucgacucc.....	1	1	s23
.....AuuaUugCgcucgacuccgg.....	1	3	s23
.....guuagugCgcucgacuccggauCg.....	1	2	s23
.....AuuagugUgcucgacuccggauCgag.....	1	3	s23
.....AuuagugUgcucgacuccggauCgaguugu.....	1	3	s23
.....AuagugCgcucgacuccggauC.....	1	3	s23
.....uuagugCAcucgacuccggauCga.....	1	3	s23
.....AagugCgcucgacuccggauC.....	1	3	s23
.....agugCgcucgacuccgg.....	1	1	s23
.....agugUgcucgacuccgg.....	1	1	s23
.....agugUgcucgacuccggauAa.....	2	2	s23
.....agugUgcucAacuccggauUga.....	1	3	s23
.....agugCgcucgacuccggauCgag.....	1	2	s23
.....agugCgcUgacuccggauCgag.....	1	3	s23
.....AugCgcCgacuccggau.....	1	3	s23
.....ugCgcucgacuccggauCg.....	1	2	s23
.....AgCgcucgacuccggauCgag.....	1	3	s23
.....ugCgcucgacuccggauCgag.....	1	2	s23
.....AgUgcucgacuccggauCgaguuguc.....	1	3	s23
.....ACgcucgacuccggauCg.....	2	3	s23
.....agcucgacuccggauCgaguGgu.....	1	2	s23
.....agcucgacuccggauCgaguGguc.....	2	2	s23
.....AcucgacuccggauCgaguGg.....	1	3	s23
.....AcucgacuccggauCgaguGguc.....	3	3	s23
.....AucgacuccggauCgaguGgu.....	1	3	s23
.....cucgacuccggauCgaguGguc.....	1	2	s23
.....AucgacuccggauCgaguGgucc.....	1	3	s23
.....AcgacuccggauCgaguGguc.....	1	3	s23
.....AcgacuccggauagaguGgCcc.....	1	3	s23
.....cgacuccggauCgCguGgu.....	1	3	s23
.....AgacuccggauCgaguGgu.....	2	3	s23
.....AgacuccggauCgaguGgucc.....	1	3	s23
.....AgacuccggauCgaguGguccggg.....	1	3	s23
.....gGcGccggaAagaguugu.....	2	3	s23
.....gGcGccggaAagaguuguc.....	1	3	s23
.....acGccggaAagaguuguc.....	7	2	s23
.....acGccggaAagaguugucU.....	4	3	s23
.....cGccggaAagaguugucU.....	1	3	s23
.....AuccggauCgaguuguccggguuCgggg.....	12	3	s23
.....AccggauCgaguGguccggguua.....	1	3	s23
.....uccggauCgaguuguccggguuCgggg.....	1	2	s23
.....uccggauCgaguGguccggguuCgggg.....	2	3	s23
.....uccggauCgaguuguccggguuCggggC.....	7	3	s23
.....AggauCgaguGguccgggu.....	1	3	s23
.....AgauCgaguGguccgggu.....	1	3	s23
.....aAagaguuguccgCguGa.....	2	3	s23
.....auCgaguGguccggguuCg.....	2	3	s23
.....auCgaguGguccggguuCgggg.....	1	3	s23
.....uCgaguGguccggguuCgggg.....	1	3	s23
.....agagAugAcAggguuagggg.....	1	3	s23
.....agagCugAcAggguuagggg.....	1	3	s23
.....gagAugAcAggguuaggg.....	1	3	s23
.....AaguuguccggguuCggggGc.....	1	3	s23
.....gaguGguccggguuCggggCcuaggccgg.....	1	3	s23
.....AGguUcggguuagggguc.....	1	3	s23
.....GGguUcggguuagggguc.....	1	3	s23
.....AguUcggguuagggUucu.....	3	3	s23
.....AguUcggguuagggUucug.....	4	3	s23
.....AguccggguuagggUucugU.....	2	3	s23
.....AuUcggguuagggUucug.....	4	3	s23
.....guUcggguuagggUucugU.....	1	3	s23

aggcgcgggugccuacugguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug

.....AggguuCggggCcgccg.....	4	3	s23
.....ggguuCggggCcgccgggaA.....	1	3	s23
.....AguuCggggCcgcccg.....	1	3	s23
.....AuuCggggCcgccggga.....	1	3	s23
.....guuCgggUCcgccggggacauugu...	1	3	s23
.....AuCggggCcgccggggacauu.....	2	3	s23
.....AuCggggCcgccggggacauug....	1	3	s23
.....AagCggucugAccggga.....	1	3	s23
.....agCggucCggccgggAac.....	3	3	s23
.....aggggCcgAccggggacau.....	1	2	s23
.....aCggUCcgccggggacau.....	1	3	s23
.....aggggCcuUgccggggacCuu.....	1	3	s23
.....agggUCcgccggggacGuugu....	2	3	s23
.....agggUCcgccggggacauugug... .	2	2	s23
.....agggUCcgccggggacauugugu..	1	2	s23
.....agggUCcgccggggacauuguUu..	1	3	s23
.....agggUCcgccggggacUuugugu..	2	3	s23
.....agggUCcgccggggacauuguguu..	5	2	s23
.....agggUCcgcccgAggacauuguguu..	3	3	s23
.....agggUCcgccggggacauuguguuU	1	3	s23
.....agggUCcggcUggggacauuguguug	2	3	s23
.....agggUCcgccggggacauuguguug	3	2	s23
.....AgggCcuUgccggggacauugug... .	1	3	s23
.....gggUCcgccggggacauugug... .	1	2	s23
.....AggUCcgccggggacauugugu..	3	3	s23
.....gggUCcgccggggacauuguguu..	3	2	s23
.....AgggCcuUgccggggacauuguguu..	1	3	s23
.....gggUCcgccggggacauuguguuU	1	3	s23
.....AgggCcgccggggacauuguguuU	2	3	s23
.....AggCcgccggggacau.....	4	2	s23
.....AggCcgccggggacau.....	2	2	s23
.....AggCcgccAggggacauug....	1	3	s23
.....AggCcgccggggacauug....	5	2	s23
.....ggUCcgccggggacGuugu....	1	3	s23
.....AgUCcgccggggacauugug... .	1	3	s23
.....AggCcggcUggggacauugug... .	1	3	s23
.....AgUCcgccggggacauugugu..	1	3	s23
.....AggCcgccggggacauuguguu..	2	2	s23
.....AggCcggcUggggacauuguguu..	2	3	s23
.....AgUCcgccggggacauuguguu..	4	3	s23
.....AggCcggcUggggacauuguguug	1	3	s23
.....AggCcgccggggacauugCguug	1	3	s23
.....AgUCcgccggggacauuguguug	4	3	s23
.....AUcggccggggacauug....	1	3	s23
.....AgCcgccggggacauug....	1	2	s23
.....AUcggccggggacauuguguu..	1	3	s23
.....AgCcgccggggacauuguguuU	1	3	s23
.....ggCcggcUggggacauuguguug	1	2	s23
.....ACcgccggggaGauug....	5	3	s23
.....ACcgccggggacauug....	2	2	s23
.....ACcgccggggacauuguUuu..	1	3	s23
.....UCcggcAggggacauuguguu..	1	3	s23
.....AcugccggggaUuuUu....	2	3	s23
.....Acugccggggacauugug... .	2	1	s23
.....CcgccggggacauuguU... .	1	2	s23
.....AcuggcGggggacauugug... .	5	2	s23
.....AcugcccggggacauuguU... .	1	2	s23
.....AcugcccgggAacauugugu..	4	2	s23
.....AcuggUcggggacauuguguu..	1	2	s23
.....AcuggcUggggacauuguguA..	4	3	s23
.....Acugcccggggacauuguguu..	9	1	s23
.....AcugcccggggacGuuguguu..	3	2	s23
.....AcugcccggggacauuguguA..	3	2	s23
.....AcugcccggggacauuguUuu..	1	2	s23
.....AcugcccggggacauuguAuu..	1	2	s23
.....AcugcccggggGcGuuguguug	1	3	s23
.....AcugcccggggacGuuguguuU	1	3	s23
.....AcuUgccggggacauuguguuU	1	3	s23
.....AcugcccggggacauuguguuU	4	2	s23
.....Acugcccggggacauuguguug	8	1	s23

aggcgcgguaggccuagguuagugagcucgacuccggauagaguuguccggguuaggggu	cuggccggggacauuguguug			
.....AcuggccggggacauuguguAU	2	3		s23
.....AcuggcUggggacauuguguug	6	2		s23
.....Auggccggggacauugug...	2	1		s23
.....cuggccggggacauuguU...	1	1		s23
.....AuggccggggacauuguA...	1	2		s23
.....AuggcUggggacauugug...	1	2		s23
.....AuggcUggggacauugugu..	2	2		s23
.....Auggccggggacauugugu..	4	2		s23
.....Auggccggggacauugugu..	2	1		s23
.....AuggccggggacauuguUu..	2	2		s23
.....AuggcUggggacauuguguu..	1	3		s23
.....AuggcUggggacauuguguu..	2	2		s23
.....AuggccggggacauCAuguu..	1	3		s23
.....Auggccggggacauuguguug	1	2		s23
.....AuggcUggggacauuguguug	1	2		s23
.....Auggccggggacauuguguug	1	1		s23
.....Aggccggggacauugugu..	1	2		s23
.....AggccggggacauuguUu..	1	2		s23
.....Aggccggggacauugugu..	4	1		s23
.....AggcUggggacauugugu..	2	2		s23
.....AggccggggacGuuAugu..	2	3		s23
.....AggccggggacUuugCguu..	1	3		s23
.....AggccggggacauuguUuu..	1	2		s23
.....Aggccggggacauuguguu..	6	1		s23
.....AggccgggAGcauuguguu..	1	3		s23
.....AggccggggGcGuuguguug	1	3		s23
.....AggcUggggacauuguguug	1	2		s23
.....AggccggggacauugCguug	9	2		s23
.....AggcAggggacauugAguug	2	3		s23
.....Aggccggggacauuguguug	14	1		s23
.....AggccggggacauuguguuU	1	2		s23
.....AggccggggacauuguguuU	3	3		s23
.....AggcAggggacauuguguug	1	2		s23
.....AgAccggUgacauuguguug	1	3		s23
.....ugAccggUgacauuguguuA	1	3		s23
.....Aggccggggacauuguguug	1	2		s23
.....AggccggggacauuguAuuU	1	3		s23
.....AgcUggggacauuguguu..	2	2		s23
.....Agccggggacauuguguu..	2	1		s23
.....ggccggggacauuguguu..	1	0		s23
.....AgccggggacauuguAuu..	1	2		s23
.....ggccggggacauuguguug	2	0		s23
.....AgccggggacUuuguguug	8	2		s23
.....AgccggggacauugCguug	2	2		s23
.....AgccggggacauuguguuA	2	2		s23
.....ggccggggacauuguguuA	1	1		s23
.....ggcUgggUacauuguguuU	1	3		s23
.....AgcUggggacauuguguug	1	2		s23
.....ggcUggggacauuguguug	1	1		s23
.....Agccggggacauuguguug	3	1		s23
.....gcUggggacauuguguug	1	1		s23
.....gccggggacauuguguug	1	0		s23
.....gccggggacauuguguuU	1	2		s23
.....Accggggacauuguguug	7	1		s23
.....AccggCgacauuguguuU	1	3		s23
.....AccggggacauuguguuA	2	2		s23
.....gcAggggacauugAguug	1	2		s23
aggcgcgguaggccucGug.....	1	1		s35
aggcgUguggcAucGugguu.....	1	3		s35
agCGgUggggccuagguua.....	1	3		s35
aggcgcgAuggccuagguua.....	1	1		s35
aggcUcgguUccuagguuagu.....	1	2		s35
aggcgcgguaggccuagguuagAg.....	1	1		s35
aggcgcgguaggccuagguuagug.....	2	0		s35
aggcAcggugggccuagguuagAg.....	1	2		s35
aggcgcgguaggccuagguuagugC.....	1	1		s35
aggcgcgAuggccuagguuagugU.....	2	2		s35
aggcgcgguaggcAucagguuagugC.....	1	2		s35
CggcgcgAuggccuagguuagugU.....	1	3		s35

aggcgcgguaggccuauugugagcucgacuccggauagaguuguccggguuaggggucugggccggggacauuguguug			
aggcgcgguaggccuauugugagAgUgc.....	1	2	s35
aggcgcgAgugggccuauugugagcAc.....	1	2	s35
.ggcgcgguaggccuauuggu.....	2	0	s35
.ggcgcgguaggccuauugug.....	1	0	s35
.ggcgcgAgugggccuauugugU.....	3	2	s35
.ggcgcgguaggccuauuggu.....	1	0	s35
.AcgcgguaggccucGugguuag.....	2	2	s35
.AcgcgguaggccuauugguuagA.....	3	2	s35
.ggcgcgguaggccuauugguuagug.....	1	1	s35
.AcgcgAgugggccuauugguuagug.....	1	2	s35
.ggcgcgAgugggccuauugguuagugU.....	1	2	s35
.ggcgcgguaggccuauugguuagugC.....	1	1	s35
.gcAcgguaggccuauugguuagugU.....	1	2	s35
.ggcgUggguaggccuauugguuagugU.....	1	2	s35
.AcAcgguaggccuauugguuagugCg.....	1	3	s35
.AcgcgguaggccuauugguuagugCgcucg.....	1	2	s35
..AgcgguaggccuauUguu.....	1	2	s35
..AgUggguaggccuauuggu.....	1	2	s35
..AgcgguaggccuauugguA.....	1	2	s35
..AgUggguaggccucGuggu.....	2	3	s35
..AUcgguaggccucGuggu.....	1	3	s35
..Agcgguaggccuauuggu.....	1	1	s35
..AgcgguaggccucGuggu.....	3	2	s35
..AgcgguaggccuauugUuu.....	2	2	s35
..AgcgguaggccucGugguua.....	2	2	s35
..Agcgguaggccuauugguua.....	4	1	s35
..AgUggguaggccuauugguua.....	2	2	s35
..AAcgguaggccuauugguua.....	1	2	s35
..AgcgguaggccuauugUuuG.....	1	3	s35
..AAcgguaggccuauugUuuag.....	1	3	s35
..AgcgguaggccuauugguuaUu.....	1	2	s35
..AAcgguaggccuauugguuagA.....	1	3	s35
..Agcgguaggccuauugguuagug.....	1	1	s35
..AgUggguaggccucGugguuagug.....	1	3	s35
..AgcUgguaggccuauugguuagug.....	1	2	s35
..cgcgguaggccuauugguCagug.....	1	1	s35
..AgcgguaggccucGugguuagug.....	1	2	s35
..AgcgguaggccucGugguuagugC.....	2	3	s35
..cgcgAugggccuauugguuagugU.....	1	2	s35
...AcgguaggccucGugguua.....	1	2	s35
....AgguaggccuauugguuaUu.....	1	2	s35
....AgguaggccuauugguuagAg.....	1	2	s35
....AgguaggccuauugguuagugC.....	3	2	s35
....cgAugggccuauugguCgugU.....	1	3	s35
....AgguaggccucGugguuagugU.....	1	3	s35
....AgguaggccuauugguuagugUgc.....	1	2	s35
....AgguaggccuauugguuagugCgcucgacuc.....	1	2	s35
....ggugggccucGugguuagugU.....	1	2	s35
....AugggccuauugguuagAgU.....	1	3	s35
....ggugggccuauugguuagugCgcucg.....	1	1	s35
....AugggccuauugguuagugCgcucg.....	1	2	s35
....AugggccuauugguuagugCg.....	2	2	s35
....AgggccuauugguuagugU.....	10	2	s35
....AggUcucuaugguuagugCgcucgacuc.....	1	3	s35
.....AccucaugguuagugCgcuc.....	2	2	s35
.....AccucaugguuagugCgcucg.....	1	2	s35
.....AccucaugguuagugCgcucga.....	1	2	s35
.....AccucaugguuagugCgcucgacu.....	1	2	s35
.....AccucUugguuagugCgcucgacu.....	1	3	s35
.....AccucaugguuagugCgcucgacuc.....	2	2	s35
.....AcucaugguuagugCgcuc.....	2	2	s35
.....AcucaugguuagugCgcuc.....	1	2	s35
.....AcucaugguCagugUgcucg.....	3	3	s35
.....AcucCugguuagugCgcucg.....	1	3	s35
.....AcucaugguCagugCgcucg.....	2	3	s35
.....AcucaugguuagugCgcucg.....	9	2	s35
.....AcucaugguuagugCgcucga.....	1	2	s35
.....AcucaugguuagugCgcucgac.....	1	2	s35
.....AcucaugguuagugCgcucgacu.....	2	2	s35
.....AcucaugguuagugCgcucgacuccgga.....	2	2	s35

aggcgcgguggccucaugguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug			
.....AcucaugguuagugCgcucgUcuccgga.....	1	3	s35
.....AcucaugguuagugCgcucgacuccggau.....	4	2	s35
.....AcucaugguuagAgUgcucgacuccggau.....	2	3	s35
.....AcucaugguuagugCgcucgacuccggauC.....	4	3	s35
.....AucaugguCagugUgcucg.....	2	3	s35
.....AucGugguuagugUgcucg.....	1	3	s35
.....AucaugguuagugCgcucg.....	2	3	s35
.....AucaugguuagugCgcucgaU.....	1	3	s35
.....AucaugguuagugUgcucgacu.....	2	2	s35
.....AucaugguuagugCgcucgacAcc.....	2	3	s35
.....AucaugguuagugCgcucgacuccAgau.....	1	3	s35
.....AucaugguuagugUgcucgacuccggau.....	1	2	s35
.....AucaugguuagugUgcuaAgacuccggau.....	2	3	s35
.....AucaugguuagugCAcucgacuccggau.....	1	3	s35
.....AucaugguuagugCgcucgacuccggau.....	1	3	s35
.....AucaugguuagugUgcucgacuccggauA.....	1	3	s35
.....cucaugguuagugUgcucgacuccggauC.....	1	2	s35
.....AucaugguuagugCgcucgacuccggauC.....	5	3	s35
.....AcaugguuagugCgcucg.....	1	2	s35
.....AcaugguCagugCgcucg.....	1	3	s35
.....ucauUguCagugUgcucg.....	1	3	s35
.....AcaugguCagugUgcucga.....	1	3	s35
.....AcaugguuagugUgcucgac.....	1	2	s35
.....AcaugguuagugCgcucUac.....	3	3	s35
.....AcaugguuagugCgcucgac.....	2	2	s35
.....AcaugguuagugCgcucgacu.....	1	2	s35
.....AcaugguuGgugCgcucgacuc.....	1	3	s35
.....AcaugguuagugCgcucgacuccgga.....	1	2	s35
.....AcaugguuagugCAcucgacuccgga.....	1	3	s35
.....ucaugguuagugCgcucgacuccggau.....	1	1	s35
.....AcaugguuagugCgcucgacuccggau.....	3	2	s35
.....uUaugguuagugCgcuaGacuccggau.....	1	3	s35
.....ucaugguuaguuUgcucgaUuccggau.....	1	3	s35
.....ucaugguuagugUgcucAacuccggauC.....	1	3	s35
.....ucaugguuagugCgcucgacuccggauCg.....	1	2	s35
.....AaugguuagugCgcucgac.....	3	2	s35
.....AaugguuagCgUgcucgac.....	1	3	s35
.....AaugguuagAgUgcucgac.....	3	3	s35
.....AaugguuagugCgcucgacucc.....	1	2	s35
.....AaugguCagugUgcucgacuccgg.....	2	3	s35
.....AaugguuaguACgcucgacuccgga.....	2	3	s35
.....AaugguuagugCgcucgacuccgga.....	1	2	s35
.....AaugguCagugUgcucgacuccggau.....	1	3	s35
.....AaugguuagugUgcucgacuccggau.....	1	2	s35
.....AaugguuagAgUgcucgacuccggau.....	1	3	s35
.....AaugguuagugCgcucgacuccggau.....	1	2	s35
.....AaugguuagugCgcucgacuccggauU.....	1	3	s35
.....caugguuGgugCgcucgacuccggauC.....	1	3	s35
.....caugguCagugUgcucgacuccggauU.....	1	3	s35
.....AaugguuagugCgcucgacuccggauC.....	1	3	s35
.....AaugguuagugCgcucgacuccggauCga.....	1	3	s35
.....augguuagugCgcuaGac.....	2	2	s35
.....augguuagugCgcucGc.....	1	2	s35
.....augguuagugCgcucgac.....	11	1	s35
.....augguuaguUUgcucgac.....	1	2	s35
.....augguuagAgUgcucgac.....	1	2	s35
.....augguuagGgUgcucgac.....	1	2	s35
.....augguuagGgCgcuaGac.....	1	3	s35
.....augguuagugCgcucgacu.....	1	1	s35
.....augguuagAgUgcucgacuG.....	1	3	s35
.....augguuagugUgcucgUcCc.....	1	3	s35
.....augguuagugCAcucUacuc.....	5	3	s35
.....augguuagugCgcucgacCc.....	1	2	s35
.....augguuagugCgcucgacuc.....	2	1	s35
.....augguuagugCgcucgacucc.....	1	1	s35
.....augguuagugCgcucgacucU.....	1	2	s35
.....auggCuagugCgcucgacucc.....	1	2	s35
.....augguuagugUgcucgacucc.....	2	1	s35
.....augguuagugCgcucgacuccg.....	1	1	s35
.....augguuagugCgcucgaUuccgg.....	1	2	s35

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuagggggu	cuggccgggggacauuguguug			
.....augguuagugCgcucgacuccAg	.....	1	2	s35
.....augguuagugCgcUgacuccgg	.....	1	2	s35
.....augguuagugCgcucgacuccgg	.....	2	1	s35
.....augguuagugCgcUgacuccgga	.....	1	2	s35
.....augguuagugCgcucgacuccAgA	.....	1	2	s35
.....augguuagugUgcuAgacuccgga	.....	1	2	s35
.....augguuagugUgcuagacuccgga	.....	1	2	s35
.....augguuagugACgcucgacuccgga	.....	1	2	s35
.....UugguuGgugCgcucgacuccgga	.....	1	3	s35
.....augguuagugCgcucgacuccgga	.....	7	1	s35
.....augguuagugCgcucgacuccggaA	.....	1	2	s35
.....augguuagAgUgcuGgucuccggau	.....	1	3	s35
.....augguuGgugCgcucgacuccggau	.....	1	2	s35
.....augguuagugCgcucgacAccggau	.....	2	2	s35
.....augguuagAgUgcuGgucuccggau	.....	2	2	s35
.....augguCagugUgcuGgucuccggau	.....	1	2	s35
.....augguuagugCgcucgacuccggau	.....	3	1	s35
.....augguuagugUgcuGgucuccggA	.....	1	2	s35
.....augguuagugCgcUgacuccggauC	.....	1	3	s35
.....augguuagugCgcucgacuccggauC	.....	6	2	s35
.....augguuagugCgcucgacuccggauU	.....	1	2	s35
.....augguuagAgUgcuGgucuccggauC	.....	1	3	s35
.....augguuagugCgcucgacuccggaua	.....	1	1	s35
.....augguuagGgCgcucgacuccggauU	.....	1	3	s35
.....augguuagugUgcuGgacAccggauC	.....	1	3	s35
.....augguuagugUgcuGgacuccggaua	.....	1	1	s35
.....augguuagugUgcuGgacuccggauC	.....	1	2	s35
.....augguuagugCgcucgacuccggauCg	.....	3	3	s35
.....augguuagugCgcCcgacuccggauCg	.....	1	3	s35
.....augguuagugCgcucgacAccggauCg	.....	2	3	s35
.....augguuagugCgcUgacuccggauCg	.....	4	3	s35
.....augguuagugCgcucgacuccggauCg	.....	1	3	s35
.....augguuagugCgcucgacuccAgauCg	.....	1	3	s35
.....auAgguuagugUgcuGgacuccggauCg	.....	1	3	s35
.....augguuagugCgcucgacuccggauCg	.....	18	2	s35
.....augguuagugCgcucgacuccggauUU	.....	1	3	s35
.....augguuagugCgcUgacuccggauCga	.....	9	3	s35
.....augguuagugCgcucgacuccggauCga	.....	6	2	s35
.....augguuagugCgcucgacuccggauCga	.....	2	3	s35
.....augguuagugUgcuCgacuccggauCga	.....	2	3	s35
.....augguuagugUgcuCgacuccggauUga	.....	3	3	s35
.....augguuagugCgcucgacAccggauCga	.....	1	3	s35
.....augguuagugCgcucgacuccAgauCga	.....	5	3	s35
.....augguuagugCgcucgacuccggauCgaC	.....	1	3	s35
.....augguuagugUgcuCgacuccggauCgag	.....	2	3	s35
.....augguuagugCgcUgacuccggauCgag	.....	5	3	s35
.....augguuagugCgcAcgacuccggauCgag	.....	1	3	s35
.....augguuagugCgcucgacuccggauCAg	.....	1	3	s35
.....augguuagugUgcuGgacuccggauUgaA	.....	1	3	s35
.....augguuagugCgcUgacuccggauCgagu	.....	4	3	s35
.....AgguuagugCgcUgacu	.....	1	3	s35
.....ugguuagugCgcucAacuc	.....	1	2	s35
.....ugguuagugCgcucgacuc	.....	2	1	s35
.....AgguuagugCgcucgacucc	.....	1	2	s35
.....AgguuagugCgcucgacuccAgA	.....	1	3	s35
.....ugguuagugCgcUgacuccgga	.....	1	2	s35
.....AgguuagugCgcucgacuccgga	.....	3	2	s35
.....AgguuagAgUgcuGgacuccggau	.....	1	3	s35
.....AgguuagugCgcucgacuccggau	.....	2	2	s35
.....AgguuagugCgcCcgacuccggau	.....	1	3	s35
.....AgguuagugCgcucgacuccggauC	.....	3	3	s35
.....ugguuagugCgcucgacuccggauC	.....	1	2	s35
.....ugguuagugUgcuGgacAccggauC	.....	1	3	s35
.....AgguuagugCgcucgacuccggauG	.....	1	3	s35
.....AgguuagugCgcucgacuccggauU	.....	1	3	s35
.....AgguuagugUgcuGgacuccggauC	.....	1	3	s35
.....ugguuagugCgcucgacuccggauCg	.....	1	2	s35
.....AgguuagugCgcucgacuccggauCg	.....	2	3	s35
.....ugguuagugUgcuCgacuccggauUga	.....	1	3	s35
.....AgguuagAgUgcuGgacuccgg	.....	1	3	s35

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug			
.....gguuagugCgcucgacuccgg.....	1	1	s35
.....gguuagAgUgcucgacuccgga.....	1	2	s35
.....gguCagugUgcucgacuccggau.....	1	2	s35
.....AguuagAgUgcucgacuccggaua.....	1	3	s35
.....gguuagugUgcucAgacuccggauUga.....	1	3	s35
.....AguuagugCgcucgacuccggauCgag.....	1	3	s35
.....guuagugCgcucUgacuccg.....	1	2	s35
.....AuuagugCgcucgacuccgg.....	2	2	s35
.....ACuagugCgcucgacuccgga.....	2	3	s35
.....AuuagAgUgcucgacuccggau.....	1	3	s35
.....AuuagugCgcucgacuccggau.....	1	2	s35
.....AuuagugCgcucgacuccggaA.....	1	3	s35
.....AuuagAgUgcucgacuccggaua.....	1	3	s35
.....AuagugUgcucgacuUcgga.....	1	3	s35
.....AuagugUgcucgacuUccggau.....	1	3	s35
.....AuagugUgcucgacuccggauCga.....	1	3	s35
.....AagAgUgcucgacuccgga.....	3	3	s35
.....AagugCgcucgacuccggau.....	1	2	s35
.....uagugUgcucgacuUccggau.....	1	2	s35
.....agugCgcucgacuAaccgga.....	1	2	s35
.....agugCgcucgacuccgga.....	1	1	s35
.....agugUgcucAacuccgga.....	1	2	s35
.....agugCgcucgCaccgga.....	1	3	s35
.....agAgUgcucgacuccggau.....	1	3	s35
.....agugUgcucgacuccggaG.....	2	2	s35
.....agugCgcucgacuAaccggaCga.....	1	3	s35
.....AugCgcucgacuccggauCgag.....	1	3	s35
.....GgGgcucgacuccggauC.....	1	3	s35
.....AUgcucgacuccggauCg.....	1	3	s35
.....agAuccgacuccggauGga.....	1	2	s35
.....agcucgacAaccggaCgag.....	1	2	s35
.....agcucgacuccggauCgaguGguc.....	1	2	s35
.....agcucAacuccggauCgaguGgucc.....	2	3	s35
.....agcucgacuccggauCgaguGgucc.....	2	2	s35
.....AcucgacuccggauCgaguGguc.....	1	3	s35
.....gcuAacuccggauCgaguGgucc.....	1	3	s35
.....AuccgacuccggauCgaguGgu.....	3	3	s35
.....AuccgacuccggauCgaguGguc.....	1	3	s35
.....AuccgacuccggauCgaguGgucc.....	2	3	s35
.....AcgacuccggauCgaguGguc.....	1	3	s35
.....AgacuccggauCgaguGguc.....	1	3	s35
.....cgacuccggauCgaguGguc.....	1	2	s35
.....AgacuccggauCgaguGgucc.....	6	3	s35
.....AgacuccggauCgaguCgucc.....	1	3	s35
.....AgacuccggauCgaguugucc.....	2	2	s35
.....cgacuccggauCgaguGguccU.....	1	3	s35
.....gGcGccggaAagaguugu.....	1	3	s35
.....AacuccggauCgaguGgu.....	1	3	s35
.....gGcGccggaAagaguuguc.....	3	3	s35
.....acGccggaAagaguuguc.....	3	2	s35
.....acAccggauCgaguGgucc.....	1	3	s35
.....acGccggaAagaguugucU.....	2	3	s35
.....acuccggauCgaguuguccg.....	1	1	s35
.....cGccggaAagaguugucU.....	1	3	s35
.....AuccggauCgaguuguccggguuCggg.....	1	3	s35
.....AuccggauCgaguuguccggguuCgggg.....	13	3	s35
.....AuccggauagaguuguccggguuCggggC.....	1	3	s35
.....uccggauCgaguuguccggguuCggg.....	1	2	s35
.....uccggauCgaguGguccggguuCgggg.....	1	3	s35
.....uccggauCgaguuguccggguuCggggC.....	1	3	s35
.....uccggauCgaguuguccggguuCggggCc.....	1	3	s35
.....AccggauCgaguGguccgggu.....	1	3	s35
.....AggauCgaguGguccgggu.....	1	3	s35
.....auCgaguGguccggguuCg.....	3	3	s35
.....auCgaguGguccggguuaA.....	2	3	s35
.....auCgaguGguccggguuCggg.....	1	3	s35
.....agaguGguccggguuCgA.....	1	3	s35
.....agaguGguccggguuCgg.....	1	2	s35
.....agaguGguccggguuCggggCcu.....	1	3	s35
.....agaguGguccggguuCggggCcuggc.....	2	3	s35

agggcgcgggugcccaugguuagugagcucgacuccggauagaguuguccggguuagggguucuggccggggacauuguguug

.....agaguGguccggguuCggggCcuaggcgg.....	1	3	s35
.....AaguGguccggguuCggg.....	2	3	s35
.....aguGguccggguuCgggg.....	2	2	s35
.....aguGguccggguuCggAg.....	1	3	s35
.....aguGguccggguuCgggU.....	1	3	s35
.....aguGguccggguuCggggCcuaggcc.....	1	3	s35
.....aguGguccggguuCggggCcuaggccggga.....	1	3	s35
.....AuuguccggguuCggggCcu.....	2	3	s35
.....AguUcggguuagggUucu.....	10	3	s35
.....AguUcggguuagggguu.....	1	2	s35
.....GguUcggguuagggUucug.....	1	3	s35
.....AguUcggguuagggUucug.....	8	3	s35
.....AuUcggguuagggUucug.....	2	3	s35
.....AuuccggguuCggggCcuaggccg.....	1	3	s35
.....uccggguuCggggCcuaggccg.....	1	2	s35
.....AccggguuCggggCcuaggccg.....	1	3	s35
.....AccggguuCggggCcuaggccggg.....	1	3	s35
.....uccggguuCgggUCcuaggccggggacau.....	1	3	s35
.....AgggguuCggggCcuaggcc.....	2	3	s35
.....AgggguuCggggCcuaggccg.....	1	3	s35
.....AguuCggggCcuaggccggggacau.....	1	3	s35
.....AuuCggggCcuaggccggggga.....	1	3	s35
.....AuuCggggCcuaggccggggacauug.....	1	3	s35
.....guuCggggCcuaggccggggacauuguguA.....	1	3	s35
.....ACggggCcuaggccggggga.....	1	3	s35
.....agCggucugAccgggggaG.....	1	3	s35
.....agCggucCggccgggAac.....	1	3	s35
.....CggggCcuaggccgggggaca.....	1	2	s35
.....aggggCcuaggccgggggacau.....	3	1	s35
.....aggggCcuaggccgggggacGuug.....	1	2	s35
.....CgggUCcuaggccgggggacauug.....	1	3	s35
.....agggUCcuaggccgggggacauug.....	2	2	s35
.....agggUCcuaggccgggggacGuug.....	1	3	s35
.....agggUCcuaggccgggggacauugugu.....	4	2	s35
.....agggUCcuaggccgggggacauugugu.....	3	2	s35
.....aggggCcuaggcUggggacauuguguA.....	1	3	s35
.....agAgUCcuaggccgggggacauugugu.....	1	3	s35
.....agggUCcuaggccgggggacauuguguA.....	1	3	s35
.....agggUCcuaggcUggggacauuguguug.....	4	3	s35
.....agggUCcuaggccgAggacauuguguug.....	1	3	s35
.....agggUCcuaggccgggggacauuguguug.....	2	2	s35
.....AgggCcuaggccgggggacauug.....	4	2	s35
.....AggUCcuaggccgggggacauugu.....	1	3	s35
.....AgggCcuaggccgAggacauug.....	1	3	s35
.....AgggCcuaggccgggggacGuug.....	1	3	s35
.....ggggCcuaggccgggggacauuguguU.....	1	2	s35
.....AggUCcuaggccgggggacauuguguug.....	4	3	s35
.....AggCcuaggccgggggacauug.....	2	2	s35
.....AgggCcuaggccgggggacauug.....	1	1	s35
.....AggCcuaggccgggggacauug.....	1	2	s35
.....AggCcuaggccgggggacauug.....	1	3	s35
.....AggCcuaggccgggggacauug.....	1	2	s35
.....ggUCcuaggUcgggggacauugugu.....	1	3	s35
.....ggUCcuaggccgggggacauuguguA.....	1	3	s35
.....ggUCcuaggcAggggacauugugu.....	1	3	s35
.....AgUCcuaggccgggggacauugugu.....	6	3	s35
.....ggUCcuaggcUgggggacauuguguug.....	1	3	s35
.....AgUCcuaggccgggggacauuguguug.....	3	3	s35
.....AggCcuaggccgggggacauuguguU.....	2	3	s35
.....ggCcuAgUcgggggacau.....	1	3	s35
.....ggCcuaggccgggggacauug.....	1	1	s35
.....AgCcuaggccgggggacauug.....	1	2	s35
.....AUCcuaggccgggggacauug.....	1	3	s35
.....AgCcuaggccgggggacauugugu.....	1	2	s35
.....AgCcuaggccgggggacAuugugu.....	1	3	s35
.....AUCcuaggccgggggacauuguguug.....	1	3	s35
.....ACcuaggccgggggacauug.....	3	2	s35
.....ACcuUgcccgggggacauug.....	1	3	s35
.....ACcuaggccgggggacauugu.....	2	2	s35
.....ACcuaggccgggggacauug.....	2	2	s35

aggcgccggugcccaugguuagugagcucgacuccggauagaguuguccggguuagggguucuggccggggacauuguguug

.....ACuggccggggacauuguU...	1	3	s35
.....ACuggccggggAcauugugu..	1	3	s35
.....ACuggccggggacauCguugu..	1	3	s35
.....ACuggccggggacauuguguA..	1	3	s35
.....ACuggccggggacauugCguug	3	3	s35
.....AcuggccggggacGuugu....	1	2	s35
.....AcuggccggggacGuugug...	2	2	s35
.....Ccuggccggggacauugug...	1	1	s35
.....Acuggccggggacauugug...	3	1	s35
.....AcuggccggggacauuguA...	3	2	s35
.....AcuggccggggacGuugugu..	1	2	s35
.....Acuggccggggacauugugu..	4	1	s35
.....AcuggccggggAUuuuguAu..	1	3	s35
.....AcuggcUggggacauuguguu..	1	2	s35
.....AcuggccggggacGuuguguu..	2	2	s35
.....AcugAccggUgacauuguguu..	3	3	s35
.....Acuggccggggacauuguguu..	2	1	s35
.....AcuggccggggacauuguUuu..	1	2	s35
.....AcuggccggggAGuuuguguu..	1	2	s35
.....AcuggcUggggCcauuguguu..	1	3	s35
.....AcugCcggggacauuguguu..	1	2	s35
.....Acuggccggggacauuguguug	2	1	s35
.....AcuggccggggacauuguguuU	1	2	s35
.....AcuggccggggAGuuuguguug	1	2	s35
.....AcuggccggggacGuuguguuA	1	3	s35
.....AcuggccggggacauugCguug	2	2	s35
.....cuggccggggacauugCg...	1	1	s35
.....cuggccggggacauugug...	1	0	s35
.....Auggccggggacauugug...	2	1	s35
.....cuggccggggAGuuugug...	1	1	s35
.....AuggcAGgggacauugug...	1	2	s35
.....AuggccggggacauuguU...	1	2	s35
.....AuggcUggggacauugug...	1	2	s35
.....Auggccggggacauugugu..	5	1	s35
.....AuggcUggggacauuguguu..	1	2	s35
.....AuggccggggAUuuuguAu..	2	3	s35
.....AuggccggggacaGCguugu..	1	3	s35
.....AuggcAGgggacauuguguu..	1	2	s35
.....Auggccggggacauuguguu..	7	1	s35
.....cuggccggggacauuguguu..	1	0	s35
.....AuggccggggAAuuuguu..	1	2	s35
.....AuggccggggacauuguUuu..	2	2	s35
.....AuggccggggacCuuguguu..	1	2	s35
.....ACggccggggacauuguguug	2	2	s35
.....AuggccggggacauuguguAU	1	3	s35
.....AuggcUggggacauugCguug	2	3	s35
.....Auggccggggacauuguguug	10	1	s35
.....AuggccggggacauuguguuU	1	2	s35
.....cuggccggggacGuuguguug	1	1	s35
.....AuggccggggacauugCguug	1	2	s35
.....Aggccggggacauugugu..	2	1	s35
.....uggccggggAcauugugu..	1	1	s35
.....Aggccggggacauuguguu..	9	1	s35
.....uggccggggAGuuuguguu..	1	1	s35
.....AggcUggggAGuuuguguu..	1	3	s35
.....AggcUggggacauuguguu..	1	2	s35
.....uggccggggacauuguUuu..	1	1	s35
.....uggcUggggacauuguguu..	1	1	s35
.....AggccggggacauuguguA..	1	2	s35
.....Aggccggggacauuguguug	10	1	s35
.....uggcUggggacauuguguug	1	1	s35
.....AggccggggAcauuguguuA	2	3	s35
.....AgUccggggacauuguguuU	1	3	s35
.....AggccggggacauuguguuU	1	2	s35
.....uggccggggacauuguguCg	1	1	s35
.....Agccggggacauuguguu..	4	1	s35
.....ggccggggAAuuuguguu..	1	1	s35
.....AgccggAGacauuguguu..	1	2	s35
.....AgccggggacaCguuguu..	2	2	s35
.....AgccgggAcauuguguuA..	1	3	s35

aggcgccggugcccaugguuagugagcucgacuccggauagaguuguccggguuaggggu	cuggccggggacauuguguug			
.....AgccggggacauugCguu.	1	2	s35	
.....AgccggggacauuguUuuA	1	3	s35	
.....Agccggggacauuguguug	1	1	s35	
.....AgccggggacauuguguuA	1	2	s35	
.....ggccggggacauuguguug	1	0	s35	
.....AgccggggacauuguguuU	6	2	s35	
.....AgUcggggacauuAuguug	3	3	s35	
.....Accggggacauuguguug	1	1	s35	
.....AUcggggacauuAuguug	1	3	s35	
.....AcUggggacauuguguug	2	2	s35	
.....AccgAggacauugCguug	2	3	s35	
.....AccggggauCuuguguug	1	3	s35	
.....Accggggauuuguguug	1	2	s35	
.....AccggggacauugCguug	1	2	s35	
.....AccggggacauuguguuU	1	2	s35	
.....gcgggggacCuuUuguuA	1	3	s35	
.....AccgggCacauugCguug	1	3	s35	
.....AccggggacauuguguuA	2	2	s35	
.....gguggcGucaugguuagAgUgc.	1	3	s06	
aggcAcggugggccucaug.	1	1	s72	
aggcgccgAugggccucaugguuag.	2	1	s72	
aggcgccgAugggccucaugguuagCgU.	1	3	s72	
aggUgcggugggccucGugguuagugCg.	1	3	s72	
aggcgccggugggccucaugguuagAgUgc.	1	2	s72	
..gcgcgAugggccucaugguuagugU.	1	2	s72	
..AgUggugggccucaugguu.	1	2	s72	
..AAcggugggccucaugUuu.	1	3	s72	
..AAcggugggccucGugguuu.	1	3	s72	
..AAcggugggccucaugguuagAg.	1	3	s72	
...AUggugggccucaugguu.	1	2	s72	
...Acggugggccucaugguu.	1	1	s72	
...Acggugggccucaugguuagu.	1	1	s72	
...gcggugggccucaugguuagugUAucuga.	1	2	s72	
...AgAugggccucaugguuagug.	2	2	s72	
...gAugggccucCugguuagug.	1	2	s72	
...AugggccucaugguuagugCgc.	1	2	s72	
...AugggccucaugguuagugCg.	1	2	s72	
...AgggccucaugguuagugU.	3	2	s72	
...AgggccucaugguuagugC.	1	2	s72	
...AgggccucaugguuagugCgc.	1	2	s72	
...ggccucaugguuagAgUg.	1	2	s72	
...AgUcucaugguuagugUgcucgacuccg.	1	3	s72	
...AgccucaugguuagugCgcucgacuccg.	1	2	s72	
...AgccucaugguuagugCgcucgacuccgg.	1	2	s72	
...AccucaugguuagugCgcucgacucc.	1	2	s72	
...AccucaugguuagugCgcucgacuccggau.	1	2	s72	
...AcucaugguuagugCgc.	1	2	s72	
...AcucaugguuagugCgcUgacuccgga.	1	3	s72	
...AcucaugguuagugCgcucgacuccgga.	3	2	s72	
...AcucaugguuagAgUgcucgacuccggau.	1	3	s72	
...AcucaugguuagugUgcUgacuccggau.	1	3	s72	
...AcucaugguuagugUgcucgacuccgAau.	1	3	s72	
...AcucaugguuagugCgcucgacuccggauC.	1	3	s72	
...AuAuugguuagugCgcucgac.	1	3	s72	
...AucaugguuagAgUgcucgacuccgg.	1	3	s72	
...AucaugguuagugCgcucgacuccgg.	1	2	s72	
...cucaugguuagugCgcucgacuccgga.	1	1	s72	
...AucaugguuagugCgcucgacuccggau.	2	2	s72	
...AucaugguuagugCgcUgacuccggau.	1	3	s72	
...AucaugguuagugCgcUgacuccggau.	1	3	s72	
...cucaugguuagugCgcucgacucAggauC.	1	3	s72	
...AucaugguuagugCgcucgacuccggauC.	7	3	s72	
...AucaugguuagugUgcucgacuccggauC.	1	3	s72	
...AucaugguuagugUgcucgacuccggauCg.	1	3	s72	
...AucaugguuagugCgcucgacuccggauCg.	2	3	s72	
...AcaugguuagAgCgcucg.	1	3	s72	
...AcaugguuagugCgcucgac.	1	2	s72	
...ucaugguuagugCgcucgacuccAga.	1	2	s72	

aggcgccgguggccucaugguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug			
.....ucaugguuagugCgcucgacuccggau.....	1	1	s72
.....ucaugguuagugCgcucgacuccAgau.....	1	2	s72
.....ucaugguuagugCgcUgacuccggauC.....	1	3	s72
.....AcaugguuagugCgcucgacuccggauC.....	1	3	s72
.....AaugguuagugUgcucgacuccgg.....	1	2	s72
.....AaugguuagugUgcAacgacuccggga.....	1	3	s72
.....caugguuagugCgcucgacuccggau.....	1	2	s72
.....AaugguuagugCgcucgacuccggau.....	1	2	s72
.....caugguuagugCgcucgacuccggauC.....	1	2	s72
.....AaugguuagugCgcucgacuccggauC.....	1	3	s72
.....augguuagugUgcucgac.....	1	1	s72
.....augUuuagAgagcuccCacu.....	1	3	s72
.....auggCuagugCgcucgacuc.....	1	2	s72
.....augguuagugCgcucgacuc.....	1	1	s72
.....augguuagugUgcUAgacuc.....	1	2	s72
.....augguuagugCAcucUacuc.....	1	3	s72
.....augguuagugCgcucgacuc.....	2	1	s72
.....augguuGgugCgcucgacucc.....	1	2	s72
.....augguuagugCgcucgacucc.....	8	1	s72
.....aCgguCagugCgcucgacucc.....	1	3	s72
.....auggCuagugCgcucgacucc.....	1	2	s72
.....augguuagugUgcucgacucc.....	1	1	s72
.....augguuagugCgcucgacuccg.....	4	1	s72
.....auggCuagugCgcucgacuccg.....	2	2	s72
.....augguCagugCgcucgacuccgA.....	1	3	s72
.....augguuagCgCgcucgacuccgg.....	2	2	s72
.....augguuagugCgcucgacuccgg.....	1	2	s72
.....augguuagugCgcucgacuccgg.....	20	1	s72
.....augguuagugUgcucgacuccgg.....	2	1	s72
.....augguuagugCgcucAacuccggga.....	1	2	s72
.....augguuagugCgcucgacAaccggga.....	1	2	s72
.....augguuagugCgcucgacuccggga.....	92	1	s72
.....augguuaguAAGcucgacuccggga.....	1	2	s72
.....augguuCGugCgcucgacuccggga.....	3	2	s72
.....augguuagugUgcucggaUuccggga.....	1	2	s72
.....augguuagugUgcucgacuccggga.....	1	2	s72
.....augguuagCgCgcucAacuccggga.....	1	3	s72
.....auggCuagugCgcucgacuccggga.....	9	2	s72
.....augguuagugUgcucgacuccggga.....	12	1	s72
.....augguuagCgCgcucgacuccggga.....	2	2	s72
.....augguuagCgUgcucgacuccggga.....	1	2	s72
.....augguuagugUgcUAgacuccggga.....	2	2	s72
.....augguuagugCgcucgacuccggga.....	2	2	s72
.....augguuagAgUgcucgacuccggau.....	2	2	s72
.....augguuagugUgcucgacuccgggaG.....	1	3	s72
.....augguuagugCgcucgacuccgggaG.....	1	3	s72
.....augguuagugCgcucgacuccggga.....	61	1	s72
.....augguuagAgUgcucgacuccgggaG.....	1	3	s72
.....augguuagugUgcucAacuccggga.....	1	2	s72
.....augguuagugUgcucggaUuccggga.....	1	2	s72
.....augguCagugUgcucgacuccggga.....	2	2	s72
.....augguuagCgCgcucgacuccggga.....	2	2	s72
.....augguuagAgCgcucgacuccggga.....	1	2	s72
.....augguuagugUgcucgacuccgggaG.....	19	2	s72
.....augguuagugUgcucgacuccgggaA.....	1	2	s72
.....auggCuagugCgcucgacuccggga.....	2	2	s72
.....augguuAaugCgcucgacuccggga.....	2	2	s72
.....augguCagugUgcucgacuccgggaC.....	1	3	s72
.....augguuagAgUgcucgacuccgggaC.....	3	3	s72
.....augguuagugCgcucgacuccgggaC.....	1	3	s72
.....augguuagugCgcucgacCccgggaC.....	2	3	s72
.....augguuagugCAcucgacuccgggaC.....	2	3	s72
.....augguuagugCgcCcgacuccgggaC.....	1	3	s72
.....augguuagCgCgcucgacuccgggaC.....	3	3	s72
.....auggCuagugCgcucgacuccgggaC.....	6	3	s72
.....augguuagugCgcUGacuccgggaC.....	1	3	s72

aggcgcggugggccuagguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug			
.....augguuagugCgcUgacuccggauC.....	1	3	s72
.....augguuagugCgcucgacuccggauC.....	80	2	s72
.....augguuagugCgcUAgacuccggauC.....	1	3	s72
.....augguuagAgUgucgacuccggauU.....	1	3	s72
.....augguuagugCgcucgaUuccggauC.....	1	3	s72
.....augguuagugUgucgacuccggauC.....	3	2	s72
.....augguuCgugCgcucgacuccggauCg.....	2	3	s72
.....augguuagAgCgcucgacuccggauCg.....	1	3	s72
.....augguuagugCgcucgacAccggauCg.....	9	3	s72
.....augguuagAgUgucgacuccggauCg.....	4	3	s72
.....augguuagugCgcucgacCccggauCg.....	1	3	s72
.....augguuagugCgcucgCccuccggauCg.....	1	3	s72
.....augguuagugCgcucgacucccgAAuCg.....	2	3	s72
.....augguuagugCgcucgacuccggauCg.....	330	2	s72
.....augguuagugCgcucgacuccggauCg.....	1	3	s72
.....augguuagugUgucgacuccggauCg.....	1	2	s72
.....augguuagCgCgcucgacuccggauCg.....	15	3	s72
.....augguuagugCgcucgacuccggauCg.....	1	3	s72
.....augguuaguUcgcucgacuccggauCg.....	1	3	s72
.....auggCuagugCgcucgacuccggauCg.....	13	3	s72
.....auAguuagugCgcucgacuccggauCg.....	2	3	s72
.....augguuagugCgcCcgacuccggauCg.....	1	3	s72
.....augguuagugCgcucgacuccAgauCg.....	3	3	s72
.....augguuagugCgcucgacuccUggauCg.....	3	3	s72
.....augguuagugCgcucgacuAcggauCg.....	2	3	s72
.....augguuagugCgcucgacuccggauUg.....	2	2	s72
.....augguCaugCgcucgacuccggauCg.....	1	3	s72
.....augguuagugUgucAcacuccggauCga.....	3	3	s72
.....augguuagugCgcCcgacuccggauCga.....	1	3	s72
.....augguuagugCgcucgacuccggauUga.....	1	2	s72
.....augguuagugCgcucgacucccgAAuCga.....	1	3	s72
.....augguuagugAAcucgacuccggauCga.....	1	3	s72
.....augguuagugCgcUgacuccggauCga.....	13	3	s72
.....augguuagugCgcucgacuccggauCga.....	45	2	s72
.....augguCaugCgcucgacuccggauCga.....	2	3	s72
.....augguuagugCgcucgacuccggauUga.....	2	3	s72
.....augguuagugUgcuAgacuccggauUga.....	1	3	s72
.....augguuagugCgcUGacuccggauCga.....	1	3	s72
.....augguuagugUgucgacuccggauCga.....	3	2	s72
.....augguuagugCgcucgacAccggauCga.....	3	3	s72
.....augguuagCgCgcucgacuccggauCga.....	2	3	s72
.....augguuagugCgcucgacuAcggauCga.....	1	3	s72
.....augguuagugCgcucgacuccAgauCga.....	2	3	s72
.....augguuagugCgcucgacuccUggauCga.....	4	3	s72
.....augguuagAgUgucgacuccggauCga.....	2	3	s72
.....auggCuagugCgcucgacuccggauCga.....	2	3	s72
.....augguuCgugCgcucgacuccggauCga.....	1	3	s72
.....augguuagugCgcucgacuccggauCgag.....	2	2	s72
.....augguuagugUgucgacuccggauUgag.....	1	3	s72
.....augguuagugCgcUGacuccggauCgag.....	1	3	s72
.....augguuagugUgucAAcuccggauCgag.....	5	3	s72
.....augguuagugCgcucAAcuccggauCgag.....	1	3	s72
.....augguuagugCgcucgacuccggauCUagu.....	1	3	s72
.....augguuagugCgcUgacuccggauCgagu.....	3	3	s72
.....augguuagugCgcucgacuccggauCgagA.....	1	3	s72
.....AgguuagugCgcucgacu.....	1	2	s72
.....AgguuagugCgcucgacuc.....	1	2	s72
.....AgguuagugCgcucgacucc.....	2	2	s72
.....AgguuagugUgucgacucc.....	1	2	s72
.....AggCuagugCgcucgacucc.....	1	3	s72
.....AgguuCgugCgcucgacucc.....	1	3	s72
.....ugguuagugCgcucgacucc.....	1	1	s72
.....AgguuagugCgcucgacuccg.....	6	2	s72
.....AggCuagugCgcucgacuccgg.....	1	3	s72
.....ugguuagugCgcucgacuccgg.....	1	1	s72
.....ugguuagugCgcucgacuccgU.....	1	2	s72
.....AgguuagCgCgcucgacuccgg.....	1	3	s72
.....ugguuagCgCgcucgacuccgg.....	1	2	s72
.....uggCuagugCgcucgacuccgg.....	1	2	s72
.....AgguuagugCgcucgacuccgg.....	10	2	s72

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug			
.....AgguuagugUgcucgaUuccgga.....	2	3	s72
.....ugguuagugGgcucgacCccgga.....	1	2	s72
.....AgguuagugUgcucgacuccgga.....	2	2	s72
.....AgguuagCgCgcucgacuccgga.....	2	3	s72
.....AgguuagugGgcCcgacuccgga.....	1	3	s72
.....AgguuagugCgcucgacuAcgga.....	1	3	s72
.....uggGuagugGgcucgacuccgga.....	1	2	s72
.....AggCuagugGgcucgacuccgga.....	2	3	s72
.....AgguuagugCgcucgacuccgga.....	17	2	s72
.....ugguuagCgCgcucgacuccgga.....	1	2	s72
.....ugguuagugGgcucgacuccgga.....	4	1	s72
.....ugguuagugCgcucgacuccAgga.....	1	2	s72
.....ugguuagugGgcucgacuccggau.....	2	1	s72
.....AggCuagugGgcucgacuccggau.....	2	3	s72
.....ugguuagugGgcCcgacuccggau.....	1	2	s72
.....AgguuagugGgcucgacuccggau.....	11	2	s72
.....AgguuagugGgcucgaUuccggau.....	1	3	s72
.....ugguuagCgCgcucgacuccggau.....	1	2	s72
.....AgguuagugGgcucgacuccAgau.....	1	3	s72
.....AgguuagugGgcucAacuccggau.....	1	3	s72
.....ugguuagugUgcucgaUuccggaG.....	1	3	s72
.....ugguuagugUgcucgacuccggaG.....	4	2	s72
.....AgguuagugUgcucgacuccggau.....	2	2	s72
.....ugguuagugGgcucgacuccggauU.....	1	2	s72
.....AgguuagugGgcucgacuccggauU.....	1	3	s72
.....uggCuagugGgcucgacuccggauC.....	1	3	s72
.....AgguuagugGgcucgacuccggauC.....	20	3	s72
.....AgguuagugUgcucgacuccggauC.....	1	3	s72
.....ugguuagugGgcucgacuccggauC.....	6	2	s72
.....ugguuagugGgcucgacuccggauCg.....	17	2	s72
.....ugguuagugGgcucgacuccUggauCg.....	1	3	s72
.....ugguuagugUgcucgaUuccggauCg.....	1	3	s72
.....ugguuagugGgcUfgacuccggauCg.....	1	3	s72
.....AgguuagugGgcucgacuccggauCg.....	57	3	s72
.....AgguuagugUgcucgacuccggauCg.....	1	3	s72
.....ugguuagCgCgcucgacuccggauCg.....	2	3	s72
.....AgguuagugGgcucgacuccggauCga.....	7	3	s72
.....ugguuagugGgcUfgacuccggauCga.....	1	3	s72
.....ugguuagugGgcucgacuccUggauCga.....	1	3	s72
.....ugguuagAgUgcucgacuccggauCga.....	2	3	s72
.....ugguuagugGgcucgacuccggauCga.....	3	2	s72
.....ugguuagugAacugacuccggauCga.....	1	3	s72
.....AgguuagugGgcucgacuccggauCgag.....	1	3	s72
.....ugguuagugUgcucAacuccggauCgag.....	1	3	s72
.....ugguuagugGgcUfgacuccggauCgagu.....	2	3	s72
.....AguuagugGgcucgacucc.....	2	2	s72
.....gguuagugUgcucgacucc.....	1	1	s72
.....AguuGguugGgcucgacuccg.....	1	3	s72
.....AguuagugGgcucgacuccgg.....	1	2	s72
.....gguuagugUgcucgaUuccgga.....	1	2	s72
.....AguCagugGgcucgacuccgga.....	1	3	s72
.....gguuagCgCgcucgacuccgga.....	1	2	s72
.....gguCagugGgcucgacuccgga.....	1	2	s72
.....gguuagugGgcucgacuccgga.....	4	1	s72
.....gguuagugUgcucgacuccggaG.....	1	2	s72
.....AguuagugGgcucgacuccggau.....	1	2	s72
.....gguuagugGgcucgacuccggauC.....	1	2	s72
.....AguuagugGgcucgacuccggauCg.....	10	3	s72
.....gguuagugGgcucgacuccggauCg.....	4	2	s72
.....gguCagugGgcucgacuccggauCg.....	1	3	s72
.....AguuagugGgcucgacuccggauCga.....	2	3	s72
.....AuuagugGgcucgacuccg.....	1	2	s72
.....AuuagugGgcucgacuccgga.....	4	2	s72
.....guuagugGgcucgacuccgga.....	2	1	s72
.....AuuagugGgcucgGcuccgga.....	1	3	s72
.....AuuagugGgcucgacuccAga.....	1	3	s72
.....gCuagugGgcucgacuccgga.....	1	2	s72
.....AuuagugUcucgacuccggau.....	1	3	s72
.....guuagugGgcucgacuccggau.....	1	1	s72
.....AuuagugGgcucgacuccggau.....	8	2	s72

aggcgcgguggccucaugguuagugagcucgacuccggauagaguuguccggguuaggggucuggccggggacauuguguug

.....guuagugCgcucgacuccggauC.....	4	2	s72
.....AuuagugCgcucgacuccggauC.....	3	3	s72
.....AuuagugUgcucgacuccggauCg.....	1	3	s72
.....guuagugCgcucgacuccggauCg.....	2	2	s72
.....guuagCgCgcucgacuccggauCg.....	2	3	s72
.....AuuagugCgcucgacuccggauCg.....	15	3	s72
.....AuuagugCgcucgacuccggauCga.....	3	3	s72
.....guuagugCgcucgacuccggauCga.....	1	2	s72
.....AuCgugCgcucgacuccgg.....	1	3	s72
.....AuagugUgcucgacuccgg.....	1	2	s72
.....AuagCgCgcucgacuccgg.....	1	3	s72
.....AuagugCgcucgacuccgg.....	1	3	s72
.....AuagugCgcucgacuccgg.....	7	2	s72
.....AuagugCgcucUacuccggau.....	1	3	s72
.....AuagugCgcucgacuccggau.....	7	2	s72
.....AuagugCgcucgacuccggauC.....	9	3	s72
.....AuagugCgcucgacuccggauCg.....	30	3	s72
.....uuagugCgcucgacuccggauCg.....	1	2	s72
.....AuagugCgcucgacuccggauCga.....	1	3	s72
.....AuagugCgcucgacuccggauCgag.....	2	3	s72
.....AagugCAcucgacuccggau.....	1	3	s72
.....uagugCgcucgacuccggauC.....	1	2	s72
.....uagugCgcucgacuccggauCg.....	7	2	s72
.....AagugCgcucgacuccggauCg.....	1	3	s72
.....uagugCgcucgacuccggauCga.....	1	2	s72
.....AagugCgcucgacuccggauCga.....	1	3	s72
.....agugCgcucgacuccgg.....	1	1	s72
.....agugCgcucgacAccggU.....	1	3	s72
.....agugUgcucgacAccgg.....	1	2	s72
.....agugUgcucgacuccgg.....	1	1	s72
.....agugCgcucgacAccggau.....	1	2	s72
.....agAgUgcucgacuccggau.....	1	2	s72
.....agugCgcucgacuccggauC.....	12	2	s72
.....agugCgcucgacuccggauCg.....	22	2	s72
.....agugUgcucgacAccggauCg.....	1	3	s72
.....agAgUgcucgacuccggauCg.....	1	3	s72
.....agugCgcucgacuccggauUg.....	1	2	s72
.....agCgCgcucgacuccggauCg.....	1	3	s72
.....agugCgcuAgacuccggauCg.....	1	3	s72
.....agugCgcucgacuccggauCgag.....	1	2	s72
.....AugCgcucgacuccggau.....	2	2	s72
.....AugCgcCcgacuccggau.....	1	3	s72
.....gugCgcucgacuccggauC.....	1	2	s72
.....AugCgcucgacuccggauC.....	2	3	s72
.....AugCgcucgacuccggauCg.....	15	3	s72
.....gugCgcucgacuccggauCg.....	2	2	s72
.....AugagcucgacuccggauCg.....	1	2	s72
.....AugCgcucgacuccggauCgag.....	1	3	s72
.....gugUgcucUacuccggauCgaguugucc.....	1	3	s72
.....ugCgcucgacuccggauCg.....	1	2	s72
.....ugCgcucgacuccggauCgag.....	1	2	s72
.....ugUgcucgacuccggauCgaguG.....	1	3	s72
.....gCgcuAgacuccggauCg.....	1	3	s72
.....gUgcucgacAccggauCg.....	1	3	s72
.....AUgcucgacuccggauCg.....	2	3	s72
.....gCgcucgacuccggauCg.....	1	2	s72
.....ACgcucgacuccggauCg.....	12	3	s72
.....ACgcucgacuccggauCga.....	2	3	s72
.....AUgcucgacuccggauCga.....	1	3	s72
.....agcuUgacuccggauCgag.....	1	2	s72
.....agcucgacuccggauGCgagu.....	1	2	s72
.....agcucgacuccggauCgaguGguc.....	1	2	s72
.....agcucgacuccggauCgaguGgucc.....	1	3	s72
.....UgcucgacuccggauCgaguuguccgggu.....	1	2	s72
.....AcucgacuccggauCgag.....	1	2	s72
.....AcucgacuccggauCgaguGgu.....	2	3	s72
.....AucgacuccggauCgaguGg.....	1	3	s72
.....AucgacuccggauCgaguGguc.....	1	3	s72
.....AcgacuccggauCgaguG.....	3	3	s72
.....AgacuccggauCgaguGgu.....	1	3	s72

agggcgcggugggccuacugguuagugagcucgacuccggauagaguuguccggguuagggguucuggccgggggacauuguguug

.....acGccggaAagaguugucU.....	3	3	s72
.....uccggauCgaguuguccggguuCgggg.....	1	2	s72
.....ccggauCgaguuguccggguuCggggC.....	1	3	s72
.....AggauCgaguGguccggguu.....	2	3	s72
.....AauCgaguGguccggguu.....	1	3	s72
.....auCgaguGguccggguuCg.....	1	3	s72
.....auCgaguGguccggguuCgggg.....	2	3	s72
.....agaguGguccggguuCgg.....	1	2	s72
.....aguGguccggguuCggggCcuaggcc.....	1	3	s72
.....AguccggguuCggggCcu.....	1	3	s72
.....AguccggguuCggggCcug.....	3	3	s72
.....AguUcggguuagggUucug.....	2	3	s72
.....AguccggguuCggggCcuaggccg.....	2	3	s72
.....AguccggguuCggggCcuggccggg.....	1	3	s72
.....AuccggguuCggggCcuggCcug.....	4	3	s72
.....AuccggguuCggggCcuggccg.....	22	3	s72
.....AuccggguuCggggCcuggccggg.....	1	3	s72
.....AuccggguuCggggCcuggccgggg.....	1	3	s72
.....AuccggguuCggggCcuggccgggga.....	4	3	s72
.....AuccggguuCggggCcuggccgggggaca.....	1	3	s72
.....uUcggguuagggguuU.....	1	3	s72
.....uccggguuCggggCGuggc.....	1	3	s72
.....uccggguuCggggCcuggccg.....	2	2	s72
.....AccggguuCggggCcuggccg.....	6	3	s72
.....AccggguuCggggCcuggccgggga.....	1	3	s72
.....AccggguuCggggCcuggccg.....	1	3	s72
.....AgguuCggggCcuggcc.....	2	3	s72
.....cAgguuCggggCcuggccg.....	1	3	s72
.....AgguuCggggCcuggccg.....	1	3	s72
.....ggguuCggggCcuggccg.....	1	2	s72
.....AgguuCggggCcuggccg.....	5	3	s72
.....AguuCggggCcuggccggggac.....	1	3	s72
.....AuuCggggCcuggccgggggaca.....	1	3	s72
.....AuuCggggCcuggccgggggacauugugu.....	1	3	s72
.....AuuCggggCcuggccgggggacauuguguug.....	1	3	s72
.....AuCggggCcuggccgggg.....	4	3	s72
.....AuCggggCcuggccggggga.....	2	3	s72
.....AuCggggCcuggccgggggac.....	1	3	s72
.....uuCggggCcuggccgggggaUauug.....	1	3	s72
.....AuCggggCcuggccgggggacauug.....	1	3	s72
.....uuCgggUCuggccgggggacauuguguug.....	1	3	s72
.....uCgggUCuggccgggggaca.....	1	3	s72
.....agCggucCggccgggAac.....	2	3	s72
.....aggggCcuggccgggggacauug.....	1	1	s72
.....agggUCuggccgggggacauuguguu.....	1	2	s72
.....agggUCuggcUggggacauuguguug.....	1	3	s72
.....agggUCuggccgggggacauuguguuA.....	2	3	s72
.....AgggCcuggccgggggacauug.....	1	2	s72
.....AgggCcuggccgggggacauugCg.....	1	3	s72
.....AgggCcuggccgggggacauugCguug.....	2	3	s72
.....ggggucuggccgggggacauugCguug.....	1	1	s72
.....AggCcuggccgggggaUau.....	1	3	s72
.....AggCcuggccgggggacauug.....	1	2	s72
.....AggCcuggcUggggacauug.....	1	3	s72
.....AggCcuggccgggggacauugug.....	1	2	s72
.....AggCcuggccgggggacauugugu.....	1	2	s72
.....AggCcuggccgggggacauuguguug.....	2	3	s72
.....AgUCuggccgggggacauuguguug.....	3	3	s72
.....AggCcuggccgggggacauuguguug.....	2	2	s72
.....AgCcuggccgggggacauCgu.....	1	3	s72
.....AUCuggccgggggacauugug.....	1	3	s72
.....AgCcuggccgggggacauugCgu.....	1	3	s72
.....AgCcuggccgggggacauugugu.....	1	2	s72
.....AgCcuggccgggggacauuguguug.....	3	2	s72
.....AgCcuggccgggggacauugCguug.....	2	3	s72
.....AUCuggccgggggacauuguguug.....	1	3	s72
.....ggCcuggccgggggacauuguguug.....	1	1	s72
.....ACuggccgggggacauugu.....	1	2	s72
.....ACuggccgggggacauugugu.....	1	2	s72
.....ACuggccgggggacauugCguu.....	1	3	s72

aggcgccggugcccucaugguuagugagcucgacuccggauagaguuguccggguuaggggu	cuggcccggggacauuguguug			
.....ACuggcccggggacauuguguug	1	2	s72	
.....ACuggcccggggacauugCguug	1	3	s72	
.....AcuggcccggggaUauugu....	1	2	s72	
.....Acuggcccggggacauugug...	3	1	s72	
.....AcuggcccggggacGuuguguu.	1	2	s72	
.....AcuggcccggggaUauuguAuu.	1	3	s72	
.....Acuggcccggggacauuguguug	2	1	s72	
.....Augggccggggacauugug...	1	1	s72	
.....AuggccAgggacauugug...	1	2	s72	
.....Augggccggggacauugugu...	3	1	s72	
.....Augggccggggacauuguguu.	2	1	s72	
.....AugggccAgggacauugCguu.	1	3	s72	
.....AuggcUggggacauuguguug	1	2	s72	
.....Augggccggggacauuguguug	2	1	s72	
.....AuggccAgggacauuguguug	1	2	s72	
.....AugggccggggacUuuguguug	2	2	s72	
.....AgggccggggacauuguUu...	1	2	s72	
.....Agggccggggacauuguguu.	1	1	s72	
.....AggcAggggacauuguguu.	2	2	s72	
.....AgggccggggacaGCguugu.	1	3	s72	
.....AggcAggggacauuguguug	1	2	s72	
.....AgggccggggacauuguguuU	1	2	s72	
.....AgggccggggacauugCguug	1	2	s72	
.....Agggccggggacauuguguug	1	1	s72	
.....ggccggggacGuuguguu.	1	1	s72	
.....AgccgggggacauugCguu.	1	2	s72	
.....AgccgggggacauCgCguu.	1	3	s72	
.....AgccgggggacGuuguguuA	1	3	s72	
.....Agccgggggacauuguguug	1	1	s72	
.....AgccgggggacauugCguug	7	2	s72	
.....AccgggggacauuguguuU	1	2	s72	
.....AccAggggacauuguguug	1	2	s72	
.....AccgggggacauugCguug	6	2	s72	
.....Accgggggacauuguguug	13	1	s72	
.....AccgggggCcauugCguug	1	3	s72	
.....AcAggggacauuguguug	1	2	s72	
.....AccgggggacaCuguguug	1	2	s72	
..AAcgguggccuacugguua.....	1	2	s85	
..cgcgAugggccuacugguuagugUgc.....	1	2	s85	
..AcgguggccucGuggguua.....	1	2	s85	
.....AguggccuacugguuagugCgcucgacAcc.....	1	3	s85	
.....AgggccuacugguuagugU.....	4	2	s85	
.....AgggccuacugguuagugCg.....	1	2	s85	
.....AgcccuacugguuagugCgcucgacuccg.....	1	2	s85	
.....AgcccuacugguuagugCgcucgacuccgg.....	1	2	s85	
.....AcuacugguuagugCgcu.....	1	2	s85	
.....AcuacugguuagugCgcucgacuccAg.....	1	3	s85	
.....AUuacugguuagugCgcucgacuccggau.....	1	3	s85	
.....AuacugguuagugCgcucgacuc.....	1	2	s85	
.....AuacugguuagugCgUucgacuccggau.....	1	3	s85	
.....AuacugguuagugCgcucgacuccAgau.....	1	3	s85	
.....AcaugguuagugUgcucgaU.....	1	3	s85	
.....ucaugguuagugCAcucgacuccggauC.....	1	3	s85	
.....AcaugguuagugCgcucgacuccggauCga.....	1	3	s85	
.....AaugguuagugCgcucgacucc.....	1	2	s85	
.....AaugguuagugCgcucgacuccggauCg.....	1	3	s85	
.....AaugguuagugUgcucgacuccggauCga.....	1	3	s85	
.....augguuagugCgcucgac.....	2	1	s85	
.....augguuagugCgcuUgac.....	1	2	s85	
.....augguuagugCgcucgacu.....	4	1	s85	
.....augguuagugCAcucUacuc.....	3	3	s85	
.....augguuagugCgcucgacuc.....	2	1	s85	
.....augguuagugCgcuUgacuc.....	1	2	s85	
.....augguuagugCgcucgacucc.....	5	1	s85	
.....augguuagugCgcucgacAcc.....	1	2	s85	
.....augguuagugCgcucgacuccg.....	8	1	s85	
.....auggCuagugCgcucgacuccg.....	2	2	s85	
.....augguuCguugCgcucgCuccg.....	1	3	s85	
.....augguuagugUgcucgacuccgg.....	1	1	s85	

agggcgcggugggccuagguuagugagcucgacuccggauagaguuguccggguuagggggu	cuggccgggggacauuguguug			
.....augguuCugUGcucgacuccgg.....	1	2		s85
.....augguuagUGcucgacuccgg.....	19	1		s85
.....augguuagUGcucgacuccgga.....	10	1		s85
.....augguuagUGcucgacuccgga.....	56	1		s85
.....augguuagUGcucgaUuccgga.....	1	2		s85
.....augguuagAGUGcucgacuccgga.....	1	2		s85
.....augguuagUGcucgacAccgga.....	1	2		s85
.....aCgguuagUGcucgacuccgga.....	1	2		s85
.....augguuagUGcUGcucgacuccgCa.....	1	3		s85
.....augguuagUGcucgacuUccgga.....	1	2		s85
.....augguuagCGcucgacuccgga.....	1	2		s85
.....auggCuagUGcucgacuccgga.....	3	2		s85
.....augguuagUGcUgacuccgga.....	1	2		s85
.....augguCaGCGUGcucgacuccgga.....	1	3		s85
.....augguuagUGcucgaUuccgga.....	1	2		s85
.....augguuagAGUGcucgacuccggau.....	3	2		s85
.....augguuagUGcucgacuccggau.....	56	1		s85
.....augguuagAGUGcucUacuccgga.....	1	3		s85
.....auggCuagUGcucgacuccggau.....	4	2		s85
.....augguuagUGcucgaUucUggau.....	1	3		s85
.....augguuagUGcucgacuccggaG.....	12	2		s85
.....augguuagUGcucgacuccggCG.....	1	3		s85
.....augguuagAGUGcucgacuccggaG.....	2	3		s85
.....augguuagCGcucgacuccggau.....	2	2		s85
.....augguCaGUGcucgacuccggauC.....	1	3		s85
.....aCgguuagUGcucgacuccggauC.....	1	3		s85
.....augguuagUGcucgacuccggauC.....	46	2		s85
.....augguuagUGcucgacuccggaGC.....	1	3		s85
.....augguuagCGcucgacuccggauC.....	2	3		s85
.....augguuagAGUGcucgacuccggauC.....	1	3		s85
.....augguuagUGcucgacuccggauC.....	1	3		s85
.....augguuagUGcUgacuccggauC.....	1	3		s85
.....augguuagUGcucgacuAccggauC.....	4	3		s85
.....auggCuagUGcucgacuccggauC.....	3	3		s85
.....augguuagCGcucgacuccggauCG.....	5	3		s85
.....augguuagUGcucgaUuccggauCG.....	1	3		s85
.....augguuagUGcucgacuccAGauCG.....	2	3		s85
.....augguuagUGcucgacuAccggauCG.....	2	3		s85
.....auggCuagUGcucgacuccggauCG.....	2	3		s85
.....augguuagUGcucgacuccggauCG.....	3	3		s85
.....augguuagUGcucgacCccggauCG.....	1	3		s85
.....augguuagUGcucgacAccggauCG.....	1	3		s85
.....augguuagAGUGcucgacuccggauCG.....	1	3		s85
.....aCgguuagUGcucgacuccggauCG.....	3	3		s85
.....augguuCUGcucgacuccggauCG.....	2	3		s85
.....augguuagUGcucgacuccggauCG.....	119	2		s85
.....augguuagUGcucgacuccggauag.....	1	1		s85
.....augguuagUGcucgacAccggauCG.....	6	3		s85
.....augguuagUGcucgacuccggauUG.....	3	2		s85
.....augguuagAGCGcucgacuccggauCG.....	2	3		s85
.....augguuagUGcucgacAccggauCGa.....	1	3		s85
.....augguuagUGcucgacuccggauCGa.....	15	2		s85
.....augguuagUGcucgacuccAGauCGa.....	3	3		s85
.....augguuagUGcucgacAccggauCGa.....	2	3		s85
.....augguuagUGcUAgacuccggauCGa.....	1	3		s85
.....augguuagAGUGcucgacuccggauCGa.....	2	3		s85
.....augguuagUGcucgacuccggauCGG.....	1	3		s85
.....augguuagUGcucgacuccggauCGC.....	1	3		s85
.....augguuagUGcucAacuccggauCGa.....	2	3		s85
.....augguuagUGcUgacuccggauCGa.....	3	3		s85
.....augguuagUGcucgacuccggAGCGag.....	1	3		s85
.....augguuagUGcUgacuccggauCGag.....	4	3		s85
.....uggCuagUGcucgacu.....	1	2		s85
.....AgguuagUGcucgacuc.....	1	2		s85
.....AgguuagUGcucgacucc.....	7	2		s85
.....ugguuagUGcucgacucc.....	1	1		s85
.....AgguuagCGCGcucgacuccg.....	1	3		s85
.....AgguuagUGcucgacuccg.....	3	2		s85
.....AggCuagUGcucgacuccg.....	1	3		s85
.....ugguuagUGcucgacuccg.....	2	1		s85

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuagggggu	cuggccgggggacauuguguug			
.....AgguuagugUgcucgaUuccgg.....		1	3	s85
.....ugguCagugCgcucgacuccgg.....		1	2	s85
.....AgguuagugCgcucgacuccgg.....		8	2	s85
.....ugguuagugCgcucgacuccgga.....		1	1	s85
.....AgguCagugUgcucgacuccgga.....		3	3	s85
.....ugguuagugUgcucgacuccgga.....		2	1	s85
.....AggCuagugCgcucgacuccgga.....		1	3	s85
.....AgguuagugUgcucgacuccgga.....		3	2	s85
.....AgguuagugCgcucgacuccgga.....		21	2	s85
.....ugguuagugCgcucgacuccggau.....		2	1	s85
.....AgguuagugCgcucgacucUggau.....		1	3	s85
.....AgguuagugCgcucgacAccggau.....		1	3	s85
.....AgguuagugCgcucgacuccggau.....		12	2	s85
.....ugguuagugUgcucgacuccgggaG.....		2	2	s85
.....AgguuagugCgcucgacuccggauC.....		10	3	s85
.....ugguuagugCgcucgacucccgAauC.....		1	3	s85
.....ugguuagCgCgcucgacuccggauC.....		1	3	s85
.....ugguuagugCgcucgacuccggauC.....		2	2	s85
.....AgguuagugCgcucgacuccggauCg.....		17	3	s85
.....ugguuagCgCgcucgacuccggauCg.....		1	3	s85
.....ugguuagugCgcucgacuccggauCg.....		10	2	s85
.....AgguuagugCgcucgacuccggauCga.....		1	3	s85
.....AguuagCgCgcucgacuc.....		1	3	s85
.....gguuagugCgcucgacucc.....		1	1	s85
.....gguuagugCgcucgacuccg.....		1	1	s85
.....AguuagCgCgcucgacuccg.....		1	3	s85
.....gguuagugCgcucgacuccgg.....		1	1	s85
.....AguuagugCgcucgacuccgg.....		1	2	s85
.....AguuagugCgcucgacuccgga.....		3	2	s85
.....gguuagugCgcucgacuccgga.....		2	1	s85
.....AguuagugCgcucgacuccggau.....		2	2	s85
.....gguuagugCgcucgacuccggau.....		1	1	s85
.....gguuagAgCgcucgacuccggau.....		1	2	s85
.....AguuagugCgcucgacuccggauC.....		2	3	s85
.....gguuagugCgcucgacuccggauC.....		1	2	s85
.....gguuagugCgcucgacuccggauCg.....		4	2	s85
.....AguuagugCgcucgacuccggauCg.....		2	3	s85
.....AguuagugCgcucgacuccggauCga.....		1	3	s85
.....AuuagugCgcucgacuccgga.....		3	2	s85
.....AuuagugCgcucgacuccggau.....		4	2	s85
.....guuagugCgcucgacuccggauC.....		1	2	s85
.....AuuagugCgcucgacuccggauC.....		1	3	s85
.....AuuagugCgcucgacuccggauCg.....		3	3	s85
.....guuCgugCgcucgacuccggauCg.....		1	3	s85
.....AuuagugCgcucgacuccggauCga.....		1	3	s85
.....AuagugCgcCcgacuccgg.....		1	3	s85
.....AuagCgCgcucgacuccgga.....		1	3	s85
.....AuagugCgcucgacuccgga.....		2	2	s85
.....AuagugCgcucgacuccggau.....		4	2	s85
.....uuagugCgcucgacuccggauC.....		1	2	s85
.....AuagugCgcucgacuccggauC.....		5	3	s85
.....AuagugCgcucgacuccggauCg.....		10	3	s85
.....AagAgUgcucgacuccggau.....		1	3	s85
.....uagugCgcucgacuccggauC.....		1	2	s85
.....uagugCgcucgacuccggauCg.....		1	2	s85
.....agugCgcucgacAccgga.....		1	2	s85
.....agAgUgcucgacuccgga.....		1	2	s85
.....agugCgcucgacuccgga.....		4	1	s85
.....agugCgcucgacucUgga.....		1	2	s85
.....agugCgcucgacuccggau.....		1	1	s85
.....agugUgcucgacuccggaG.....		1	2	s85
.....agugCgcucgacuccggauC.....		3	2	s85
.....agugCgcuaAgacuccggauC.....		1	3	s85
.....agugCgcucgacuccggauCg.....		5	2	s85
.....agugUgcucgacuccggauCg.....		1	2	s85
.....agugCgcucgacAccggauCg.....		3	3	s85
.....agAgagcucgacuccggauCga.....		1	2	s85
.....AugCgcucgacuccggau.....		2	2	s85
.....guuCgcucgacuccggauC.....		1	2	s85
.....AugUgcucgacuccggauC.....		2	3	s85

aggcgcgggugccucaugguuagugagcucgacuccggauagaguuguccggguuaggggucuggccgggggacauuguguug

.....AugCgcucgacuccggauC.....	3	3	s85
.....AugCgcucgacuccggauCg.....	4	3	s85
.....gugCgcucgacuccggauCg.....	1	2	s85
.....AugagcucgacuccggauCga.....	1	2	s85
.....ugCgcucgacuccggauC.....	1	2	s85
.....ACgcucgacuccggauCg.....	4	3	s85
.....gCgcucgacuccggauCg.....	1	2	s85
.....AucgacuccggauCgaguGgu.....	1	3	s85
.....AucgacuccggauCgaguGguc.....	1	3	s85
.....cgacuccggauCgaguGg.....	1	2	s85
.....AgacuccggauCgaguGgucc.....	1	3	s85
.....gGcGccggaAagaguugu.....	1	3	s85
.....gGcGccggaAagaguuguc.....	1	3	s85
.....acGccggaAagaguuguc.....	8	2	s85
.....GcGccggaAagaguuguc.....	3	3	s85
.....acGccggaAagaguugucU.....	6	3	s85
.....AuccggauCgaguuguccggguuCggg.....	1	3	s85
.....AcggauCgaguGguccggg.....	2	3	s85
.....AauCgaguGguccgggu.....	1	3	s85
.....auCgaguGguccggguuCg.....	2	3	s85
.....AguccggguuCggggCcuaggccg.....	2	3	s85
.....AuUcggguuaggguUucug.....	1	3	s85
.....AuccggguuCggggCcuag.....	1	3	s85
.....AuccggguuCggggCcuaggccg.....	3	3	s85
.....AuccggguuCggggCcuaggccggga.....	1	3	s85
.....AccggguuCggggCcuaggccg.....	1	3	s85
.....ggguuCggggCcuaggccg.....	1	2	s85
.....AgguuCggggCcuaggccg.....	1	3	s85
.....AuuCggggCcuaggccggggacauuguguug.....	2	3	s85
.....AuCggggCcuaggccggggga.....	1	3	s85
.....AuCggggCcuaggccggggac.....	1	3	s85
.....AuCggggCcuaggccgggggaca.....	1	3	s85
.....uCgggUCcuaggccggggacauuguguug.....	1	3	s85
.....AgggCcuaggccggggacauugC.....	1	3	s85
.....AggUCcuaggccggggacauugu.....	1	3	s85
.....AggUCcuaggccggggacauugug.....	1	3	s85
.....AgggCcuaggccggggacauugCgu.....	1	3	s85
.....AgggCcuaggccggggacauugCguug.....	1	3	s85
.....AgggCcuaggccggggacauuguguug.....	1	2	s85
.....AggCcuaggccggggacauugCgu.....	1	3	s85
.....AggCcuaggccggggacauugugu.....	1	2	s85
.....AggCcuaggccggggacauugCguug.....	1	3	s85
.....AggCcuaggccggggacauuguguug.....	1	2	s85
.....ACcuaggccggggacauugug.....	2	2	s85
.....ACcuaggccggggacauugCg.....	1	3	s85
.....ACcuaggccggggacauugCgu.....	1	3	s85
.....ACcuaggccggggacauugCguu.....	1	3	s85
.....ACcuaggccggggacauuguguuA.....	1	3	s85
.....Acuaggccggggacauugug.....	1	2	s85
.....Acuaggccggggacauugug.....	1	1	s85
.....Acuaggccggggacauugugu.....	1	1	s85
.....AuggcAggggCcauugug.....	1	3	s85
.....AuggcAggggacauugug.....	1	2	s85
.....AuggcAggggacauugug.....	2	1	s85
.....AuggcAggggacauugugu.....	1	2	s85
.....AuggcAggggacauugugu.....	2	1	s85
.....AuggcAggggacauugugu.....	1	2	s85
.....AuggcAggggacauugCgu.....	1	2	s85
.....AuggcAggggacauugCguu.....	1	2	s85
.....AuggcAggggacauuguguu.....	1	1	s85
.....AuggcAggggacauugCguug.....	1	2	s85
.....AuggcAggggacauuguguug.....	1	1	s85
.....Aggcccggggacauuguguu.....	2	1	s85
.....AgCccggggacauuguguu.....	2	2	s85
.....AgggcUggggacauuguguug.....	1	2	s85

aggcgcgguaggccuauugguuagugagcucgacuccggauagaguuguccggguuaggggu	cuggccggggacauuguguug			
.....AAccggggacauugCguu.	1	3	s85	
.....Agccggggacauuguguu.	1	1	s85	
.....gCccggggacauuguguu.	1	1	s85	
.....AgcUggggacauuguguug	1	2	s85	
.....ggAcggggacauuguguug	1	1	s85	
.....Agccggggacauuguguug	1	2	s85	
.....AgccggggacauugCguug	1	2	s85	
.....Agccggggacauuguguug	6	1	s85	
.....Accggggacauuguguug	17	1	s85	
.....AcUggggacauuguguug	1	3	s85	
.....AccgggAacauugCguug	1	3	s85	
.....AccggggacauugCguug	11	2	s85	
.....AccgggAacaCuguguug	1	3	s85	
.....AccggggacauuguUuug	1	2	s85	
.....AcAggggacauuguguug	1	2	s85	
.....AUcggggacauuguguGg	2	3	s85	
agAcgcgguaggccGcGugg.....	1	3	s09	
aggcgcgguaggccGAUGugg.....	1	3	s09	
aUgUgcgguaggccucGugguua.....	2	3	s09	
aggcgcgAuggccuauugguuagu.....	1	1	s09	
aggcgcgAuggccuauugguuagug.....	1	1	s09	
aggcgcgAuggccuauugguuagugU.....	2	2	s09	
aggcgcgguaggccuauugguuagAgUgc.....	1	2	s09	
aggcAcgguaggccuauugguuagAgUgc.....	1	3	s09	
aggcgcgguaggccuauUguuagugUgcuc.....	1	2	s09	
.ggcgUggugggccuauugguuagu.....	1	1	s09	
.gcgcggugggccuauugguuagu.....	1	0	s09	
.gcgcgAuggccuauugguuCguuU.....	1	3	s09	
.....AgAuggccuauugguuagug.....	1	2	s09	
.....AgAuggccuauugguuagugU.....	2	3	s09	
.....AguggccuauugguuagugC.....	1	2	s09	
.....AuggccuauugguuagugGgcucgacAcc.....	1	3	s09	
.....AggccuauugguuagAgU.....	1	3	s09	
.....AggccucGugguauagugCgc.....	1	3	s09	
.....AggccuauugguuagugUgcucgac.....	2	2	s09	
.....AgccuauugguuagugCgc.....	1	2	s09	
.....AcuauugguuagugGgcucgacuccgga.....	1	2	s09	
.....AcuauugguuagugGgcucgacuccAga.....	1	3	s09	
.....AcuauugguuagAgUgcucgacuccggau.....	1	3	s09	
.....AcuauugguuagugGgcucgacuccggau.....	1	3	s09	
.....AcuauugguuagugGgcucgacuccggauC.....	1	3	s09	
.....AuauugguuagugGgcucgacuccgga.....	1	2	s09	
.....AuauugguuagugUgcucAacuccggau.....	1	3	s09	
.....AGauugguuagugUgcucgacuccggau.....	1	3	s09	
.....AuauugguuagugUgcucgacuccggau.....	1	2	s09	
.....AuauugguuagugGgcucgacuccggau.....	1	3	s09	
.....AuauugguuagugGgcucgacuccggauC.....	3	3	s09	
.....ucaugguuagGgCgcucga.....	1	2	s09	
.....ucaugguuagugGgcucgac.....	1	1	s09	
.....AcaugguuagugGgcucUac.....	1	3	s09	
.....AcaugguuagugGgcucgacuccg.....	1	2	s09	
.....AcaugguuagugGgcucgacuccggauC.....	1	3	s09	
.....AaugguuagugUgcucgac.....	1	2	s09	
.....AaugguuagugGgcucgacuccggauC.....	1	3	s09	
.....AaugguuagugUgcucgacuccggauCg.....	1	3	s09	
.....AaugguuagugGgcucgacuccggauCga.....	3	3	s09	
.....augguuagGgUgcuUgac.....	2	3	s09	
.....augguuagugGgcUgacuc.....	1	2	s09	
.....augguuagugCAcucUacuc.....	7	3	s09	
.....augguuagugGgcucgacucc.....	1	1	s09	
.....augguuagugGgcucgacuccg.....	1	1	s09	
.....augguuagugGgcucgacuccgga.....	1	1	s09	
.....augguuagGgCgcucgacuccgga.....	1	2	s09	
.....augguuagugGgcUAgacuccgga.....	1	2	s09	
.....augguuagugCAcucgacuccggau.....	1	2	s09	
.....augguuagugGgcucgacuccggau.....	8	1	s09	
.....augguuagugGgcucgacuccggauC.....	9	2	s09	
.....augguuagugGgcUgacuccggauC.....	1	3	s09	

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuaggggucuggccgggggacauuguguug

.....augguuagugCgcucgacuccggauCg.....	17	2	s09
.....augguuagugCgcucgacuccAgggaucg.....	1	3	s09
.....augguuagAgUgcucgacuccggauCg.....	2	3	s09
.....augguuagugCgcUgacuccggauCg.....	5	3	s09
.....augguuagugUgcucgacuccggauCga.....	2	2	s09
.....augguuagugUgcUAgacuccggauUga.....	1	3	s09
.....augguuagugCgcUgacuccggauCga.....	6	3	s09
.....augguuagugCgcucgacUAcggauCga.....	1	3	s09
.....augguuagAgUgcucgacuccggauCga.....	1	3	s09
.....augguuagugCgcucgacuccggauCga.....	13	2	s09
.....augguuagugCgcucgacuccggauCga.....	1	3	s09
.....augguuagugCgcucgacuccggauCga.....	1	3	s09
.....augguuagugCgcucgacuccAgauCga.....	6	3	s09
.....augguuagugCgcucgacuccggauCga.....	1	3	s09
.....augguuagugCgcucgacuccggauCga.....	1	3	s09
.....augguuagugCgcUAgacuccggauCgag.....	1	3	s09
.....augguuagugCgcUgacuccggauCgag.....	2	3	s09
.....augguuagugCgcucgacuccggauCgag.....	2	2	s09
.....augguuagugCgcUgacuccggauCgag.....	4	3	s09
.....augguuagugCgcucgacuccggauCUag.....	3	3	s09
.....augguuagugUgcucUacuccggauCgag.....	1	3	s09
.....augguuagugCgcucgacuccggauCUagu.....	3	3	s09
.....augguuagugCgcucUacuccggauCgagu.....	1	3	s09
.....AgguuagugCgcucgacucc.....	1	2	s09
.....ugguuagCgCgcucAacuccgg.....	1	3	s09
.....ugguuagugCgcucUgacuccgg.....	1	2	s09
.....AgguuagugUgcucgacuccgg.....	2	2	s09
.....AgguuagugCgcucgacuccgg.....	1	2	s09
.....ugguuagugUgcucgacuccggau.....	1	1	s09
.....AgguuagugCgcucgacuccggauC.....	2	3	s09
.....ugguuagugCgcucgacuccggauCg.....	2	2	s09
.....AgguuagugCgcucgacuccggauCg.....	2	3	s09
.....ugguuagugCgcucgacuccAgauCga.....	1	3	s09
.....AgguuagugCgcucgacuccggauCga.....	7	3	s09
.....ugguuagugCgcucUgacuccggauCga.....	1	3	s09
.....ugguuagugCgcucgacuccggauCga.....	2	2	s09
.....ugguuagugUgcucAacuccggauCga.....	1	3	s09
.....AgguuagugCgcucgacuccggauCgag.....	1	3	s09
.....ugguuagugCgcucUgacuccggauCgag.....	1	3	s09
.....ugguuagugCgUucgacuccggauCgagu.....	1	3	s09
.....ggguuagugUgcucgacuccgg.....	1	1	s09
.....ggguuagugCgcucgacuccggauCg.....	1	2	s09
.....ggguuagugUgcucgacuccggauCga.....	1	2	s09
.....AuuaagAgUgcucgacuccgg.....	1	3	s09
.....AuagugCgcucgacuccggauCga.....	2	3	s09
.....uagugCgcucgacuccggauCgag.....	1	2	s09
.....agugUgcucUacuccggauCgaguuguc.....	2	3	s09
.....AugCgcucgacuccggauCgag.....	1	3	s09
.....AUgcucgacuccggauCgaguuguccg.....	2	3	s09
.....gGcGccggaAagaguuguc.....	1	3	s09
.....gGcGccggaAagaguuguc.....	2	3	s09
.....acGccggaAagaguuguc.....	2	2	s09
.....acGccggaAagaguugucU.....	8	3	s09
.....cuccggaAagaguugucU.....	1	2	s09
.....AuccggauCgaguuguccggguuCgggg.....	8	3	s09
.....uccggauCgaguuguccgUguuCgggg.....	1	3	s09
.....uccggauCgaguuguccggguuCggggC.....	3	3	s09
.....auCgaguuguccggguuCggggCc.....	1	3	s09
.....AuCggggCcuggccggggaca.....	1	3	s09
.....ACggggCcuggccggggaca.....	1	3	s09
.....agCggucCggccgggAac.....	2	3	s09
.....Acuggccggggacauuguguu.....	1	1	s09
.....AcuggccggggacauuguAuug.....	1	2	s09
.....AuggccAgggacauuguguug.....	1	2	s09
.....AuggccggggacauugCguug.....	1	2	s09
.....uggccggggacauugCguug.....	1	1	s09
.....CggccggggacauugCguu.....	11	2	s87
.....CggccggggacauugCguuC.....	1	3	s87
.....ggccggggacauugCguu.....	1	1	s87

aggcgcgguaggccuauagguuagugagcucgacuccggauagaguuguccggguuaggggucuggcgccgggacauuguguug

aggUgcgguggUGuCaug.....	1	3	s60
aggcgcgguaggccuauagguua.....	1	0	s60
aggcgcgAuggccuauagguuagugU.....	1	2	s60
aggUgcggugggccuauagguuagugUgc.....	1	2	s60
.ggcUcgguaggccuauagguuagugC.....	1	2	s60
.ggcgcgAuggccuauagguuagugU.....	1	2	s60
.ggcAcggugggccuauagguuagAgU.....	1	3	s60
.gcgcggugggccuauagUuu.....	1	1	s60
.gcgcAgugggccuauagguuagug.....	1	1	s60
.gcgcggugggccuauagguuagugC.....	1	1	s60
..AgUggugggccuauagguu.....	1	2	s60
..AAcggugggccuauagUuu.....	2	3	s60
..AgcggugggccuauagUuu.....	2	2	s60
..AAcggugggccuGugguua.....	1	3	s60
..AgcggugggccuGugguuC.....	1	3	s60
..Agcggugggccuauagguua.....	1	1	s60
..AgUggugggccuGugguua.....	1	3	s60
..AAcggugggccuauagguua.....	2	2	s60
..AgcggugggccuGaugguuagug.....	1	2	s60
....AgAuggccuauagguuagugU.....	2	3	s60
....AgguAgccuauagguuagugC.....	1	3	s60
....AgguaggccuauagguuagugC.....	1	2	s60
....AgguaggccuauagguuagugCgcucg.....	1	2	s60
....AgugggccuauagguuagugC.....	2	2	s60
....AugggccuauagguuagugCgcucgacucc.....	1	2	s60
....AgggccuauagguuagugU.....	4	2	s60
....uggccuauagguuagugCgcucg.....	1	1	s60
....AgggccuauagguuagugCgcucg.....	1	2	s60
....AgccuauagguuagAgUgc.....	1	3	s60
....AgccuauagguuagugCgcu.....	3	2	s60
....AgccucUugguuagugCgcucga.....	1	3	s60
....gcUCCaugguuGugagc.....	1	3	s60
....AccuauagguuagugCgcucgacucc.....	1	2	s60
....AcuauagguCagugCgcu.....	1	3	s60
....AcuauagguuagugCgcu.....	1	2	s60
....AcuauagguuagugCgcuc.....	1	2	s60
....AcuauagguuagugCgcucg.....	3	2	s60
....AcuauagguCagugUgcucg.....	1	3	s60
....AcuauagguuagAgUgcucga.....	1	3	s60
....AcuauagguuagAgUgcucgac.....	1	3	s60
....AcuauagguuagugUgcucgac.....	1	2	s60
....AcuauagguuagugCgcucgac.....	1	2	s60
....AcucaCggguuagugCgcucgac.....	2	3	s60
....AcuauagguuagugCgcucgacuccgga.....	1	2	s60
....AcuauagguuagAgUgcucgacuccggau.....	1	3	s60
....AcuauagguuagugCgcucgacuccggau.....	6	2	s60
....AcuauagguuagugUgcucAacuccggau.....	1	3	s60
....AcuauagguuagugUgcucgacuccggau.....	1	2	s60
....AcuauagguuagugCgcucgacuccggauC.....	4	3	s60
....AucauggCuagugCgcuc.....	1	3	s60
....AucaugguuagugCgcucgac.....	3	2	s60
....AucaugguuagugUgcuAgac.....	1	3	s60
....AucGugguauagugCgcucgacucc.....	1	3	s60
....AucaugguuagugCgcucgacuccAga.....	1	3	s60
....AucaugguuagugCgcucgacuccgga.....	1	2	s60
....AucaugguuagugCgcucgacuccUggau.....	2	3	s60
....AucaugguuagugCgcucgacuccAgau.....	2	3	s60
....AucaugguuagugCgcucgacuccggau.....	1	2	s60
....AucaugguuagugCgcucgacuccggaua.....	1	2	s60
....AucaugguuagugCgcucgacuccggauC.....	8	3	s60
....AucaugguuagugCgcucgacuccUgauag.....	1	3	s60
....AcaugguuagugCgcucgac.....	3	2	s60
....AcaugguuagugCgcucgacucc.....	1	2	s60
....ucCugguauagugUgcucgacuccggauC.....	1	3	s60
....AaugguuagugUgcucgac.....	1	2	s60
....AaugguuagugCgcucgacu.....	1	2	s60
....AaugguuagugCgcucgacuccgga.....	5	2	s60
....AaugguuagAgUgcucgacuccggau.....	1	3	s60

aggcgccgguggccuagguuagugagcucgacuccggauagaguuguccggguuagggggu	cuggccgggggacauuguguug			
.....AaugguCagugUgucgacucuccggau.....	1	3	s60	
.....AaugguuagugCgucgacucuccggauC.....	1	3	s60	
.....augguuagGgUgucgac.....	1	2	s60	
.....augguuagugCgucgac.....	1	2	s60	
.....augguuagugCgucgac.....	4	1	s60	
.....augguuagugUgucgac.....	2	1	s60	
.....augguuagGgUgucgacA.....	1	3	s60	
.....augguuagGgagcuUgCcu.....	1	3	s60	
.....augguuagugCgucgacuc.....	1	1	s60	
.....augguuagugCgucgacucA.....	1	2	s60	
.....augguuagugCAcucUacuc.....	2	3	s60	
.....augguuagugCgucgacuc.....	14	1	s60	
.....augguuagugUgucAagacuc.....	1	2	s60	
.....augguuagugCgucgacucc.....	7	1	s60	
.....augguuGgugCgucgacucc.....	1	2	s60	
.....augguuagugCgucgacuccg.....	8	1	s60	
.....aAugguuagugCgucgacuccgg.....	1	2	s60	
.....augguCagugCgucgacuccgA.....	1	3	s60	
.....augguuagugCgucgacuccgg.....	10	1	s60	
.....augguuagAgUgucgUgucuccgg.....	1	3	s60	
.....augguuagCgCgucgacuccgg.....	1	2	s60	
.....augguuagCgCgucgacuccgga.....	1	2	s60	
.....augguuagugCgucgacuccgga.....	47	1	s60	
.....augguuagAgUgucgacucGcggA.....	1	3	s60	
.....augguuagugUgucgacuccgga.....	4	1	s60	
.....augguuagAgUgucgacuccgga.....	4	2	s60	
.....augguuagugUgucAagacuccgga.....	2	2	s60	
.....augguuagugCUcucgacuccgga.....	1	2	s60	
.....augguuagAgUgucgacuccggau.....	1	2	s60	
.....augguuagugCgucgacuccggau.....	30	1	s60	
.....augguuagCgCgucgacuccggau.....	1	2	s60	
.....augguuagCgCgucAacuccggau.....	1	3	s60	
.....augguCagugUgucgacuccggau.....	1	2	s60	
.....augguuagugCgucgacucUggau.....	1	2	s60	
.....augguuGgugUgucgacuccggaG.....	1	3	s60	
.....augguuagugCgucgacuccCgau.....	1	2	s60	
.....augguuagugUgucgacuccggaG.....	7	2	s60	
.....augguuagCgCgucgacuccggauC.....	2	3	s60	
.....augguuagugUgucgacuccggauC.....	2	2	s60	
.....augguuagAgUgucgacuccggauC.....	3	3	s60	
.....augguuagugCgucgacuccAgauC.....	2	3	s60	
.....augguuagugCgucgacucAcggauC.....	1	3	s60	
.....augguuagugCgucgacuccggauC.....	35	2	s60	
.....augguuagugCgucggaUuccggauC.....	1	3	s60	
.....augguuagugCgucgacucUggauC.....	1	3	s60	
.....augguuagAgCgucgacuccggauCg.....	2	3	s60	
.....augguuagugCgucgacucAcggauCg.....	2	3	s60	
.....augguuGgugCgucgacuccggauCg.....	2	3	s60	
.....augguuagugCgcuUgacuccggauCg.....	1	3	s60	
.....augguuagugCgucgacuccggauCg.....	74	2	s60	
.....augguuagugCgucgacucUggauCg.....	1	3	s60	
.....augguuagugUgucgacuccggauCg.....	2	2	s60	
.....augguuAaugCgucgacuccggauCg.....	1	3	s60	
.....augguuagugCgucgacuccAgauCg.....	1	3	s60	
.....augguuagugCgucgacCccggauCg.....	1	3	s60	
.....augguuagAgUgucgacuccggauCg.....	3	3	s60	
.....augguuGgugCgucgacuccggauCga.....	1	3	s60	
.....augguuagugCgcuGgacuccggauCga.....	2	3	s60	
.....augguuagugCgucgacuccAgauCga.....	3	3	s60	
.....augguuagugUgucgacuccggauCgG.....	1	3	s60	
.....augguuagugCgcuUgacuccggauCga.....	4	3	s60	
.....augguuagugCgucgacucUggauCga.....	3	3	s60	
.....augguuagugUgucgacuccggauCga.....	1	2	s60	
.....augguuagugCgucgacuccggauCga.....	10	2	s60	
.....augguuagugCgucgacucGggauCga.....	1	3	s60	
.....augguuagugCgucgacucUggauUgag.....	1	3	s60	
.....augguuagugCgcuGgacuccggauCgag.....	1	3	s60	
.....augguuagugUgcuAagacuccggauUgag.....	1	3	s60	
.....augguuagugCgcuUgacuccggauCgag.....	3	3	s60	
.....augguuagugUgucucAacuccggauCgag.....	5	3	s60	

aggcgccggugggccuagguuagugagcucgacuccggauagaguuguccggguuagggggucuggccggggacauuguguug

..... .augguuagugUgcucgacAccggauCgag	1	3	s60
..... .augguuagugCgcucUacuccggauCgag	1	3	s60
..... .augguuagugCgcucgacuccggauCUagu	1	3	s60
..... .augguuagugCgcUlgacuccggauCgagu	2	3	s60
..... .ugAuuagugCgcucAacuc	1	3	s60
..... .AgguuagugCgcucgacuc	1	2	s60
..... .AgguuagugCgcucgacucc	3	2	s60
..... .AgguuagugCgcucgacuccg	3	2	s60
..... .AgguuagugCgcucgacuccg	1	3	s60
..... .AgguuagugCgcucgacuccgg	1	2	s60
..... .AgguCagugCgcucgacuccgg	1	3	s60
..... .AgguuagugUgcucgacuccgg	1	2	s60
..... .AgguuagugCgcucgacuccgg	9	2	s60
..... .AgguuagugCgcucgacAccgg	1	3	s60
..... .ugguuagugUgcucgacuccgg	2	1	s60
..... .AgguuagugUgcucgacCccgg	1	3	s60
..... .AgguuagugCgcucgacuccggau	2	2	s60
..... .AgguuagugCgcucgacuccAggau	1	3	s60
..... .AgguuagAgUgcucgacuccggau	2	3	s60
..... .ugguuagAgUgcucgacuccggau	1	2	s60
..... .ugguuagugUgcUAgacuccggauU	1	3	s60
..... .ugguuagugCgcucgacuccggauC	3	2	s60
..... .AgguuagugCgcucgacuccggauC	1	3	s60
..... .ugguuagUugCgcucgacuccggauCg	1	3	s60
..... .AgguuagugCgcucgacuccggauCg	11	3	s60
..... .ugguuagugCgcucgacuccggauCg	2	2	s60
..... .ugguuagugCgcUlgacuccggauCg	1	3	s60
..... .AgguuagugCgcucgacuccggauCga	3	3	s60
..... .ugguuagugCgcUlgacuccggauCga	1	3	s60
..... .ugguuagAgUgcucgacuccggauCga	1	3	s60
..... .ugguuagugCgcucgacuccggauCga	1	2	s60
..... .ggguuagugUgcucgacuccgg	1	1	s60
..... .ggguuagugCgcucgacuccgg	1	1	s60
..... .AgguuagugCgcucgacuccgg	2	2	s60
..... .ggguuagugUgcucgacuccggau	1	1	s60
..... .AgguuagugCgcucgacuccggau	4	2	s60
..... .AgguuagugCgcucgacuccggauCg	5	3	s60
..... .ggguuagAgUgcucgacuccggauCg	1	3	s60
..... .AgguuagugCgcucgacuccggauCga	1	3	s60
..... .ggguuagugCgcucUacuccggauCga	1	3	s60
..... .guuagugCgcucgacuccgg	1	1	s60
..... .guuagugUgcucgacuccgg	1	1	s60
..... .guuagugCgcucgacuccgg	1	1	s60
..... .guuagugCgcUlgacuccggau	1	2	s60
..... .AuuagugCgcucgacuccggau	2	2	s60
..... .guuagugCgcucgacuccggau	1	1	s60
..... .AuuagugUgcucgacuccggau	1	2	s60
..... .guuagugCgcucgacuccggauC	1	2	s60
..... .AuuagAgUgcucgacuccggaua	1	3	s60
..... .AuuagugCgcucgacuccggauCg	4	3	s60
..... .guuagugCgcucgacuccggauCg	1	2	s60
..... .guuagAgUgcucgacuccggauCg	1	3	s60
..... .AuagugCgcUlgacuccgg	2	3	s60
..... .AuagugCgcucgacuccgg	3	2	s60
..... .uuagugCgcucgacuccgg	1	1	s60
..... .AuagugCgcucgacuccggau	2	2	s60
..... .uuagugCgcucgacuccAgauC	1	3	s60
..... .AuagugCgcucgacuccggauC	3	3	s60
..... .AuagugCgcucgacuccggauCg	4	3	s60
..... .uagugCgcucgacuccgg	1	1	s60
..... .uagAgUgcucgacuccggauG	1	3	s60
..... .AagugUgcucgacuccggauG	1	3	s60
..... .agugUgcucgacuccgg	2	1	s60
..... .agugCgcucgacuccgg	4	1	s60
..... .agugCgcucgacuccggauC	1	2	s60
..... .agAgUgcucgacuccggauCg	1	3	s60
..... .agugCgcucgacuccggauCg	2	2	s60
..... .agugUgcucgacuccggauCg	1	2	s60
..... .agugCgcucgacAccggauCga	1	3	s60
..... .agugUgcucgacuccggauGCgag	1	3	s60

aggcgcggugggccuauugguuagugagcucgacuccggauagaguuguccggguuagggguucuggccgggggacauuguguug

.....agugCgcucgacuccggauCgaguGgucc.....	1	3	s60
.....AugCgcucgacuccggauC.....	1	3	s60
.....AugCgcucgacuccggauCg.....	4	3	s60
.....AugUgcucgacuccggauCg.....	1	3	s60
.....AgCgcucgacuccggauC.....	1	3	s60
.....AgCgcucgacuccggauCg.....	1	3	s60
.....AgCgcucgacuccggauCga.....	1	3	s60
.....ugCgcuAgacuccggauCgag.....	1	3	s60
.....AUgcucgacuccggauCg.....	1	3	s60
.....ACgcucgacuccggauCg.....	2	3	s60
.....gUgcucgacuccggauCgag.....	1	3	s60
.....AucgacuccggauCgaguG.....	2	3	s60
.....AucgacuccggauCgaguGgu.....	1	3	s60
.....AucgacuccggauUgaguGgucc.....	1	3	s60
.....AcgacuccggauCgaguGgu.....	1	3	s60
.....AcgacuccggauCgaguGgucc.....	1	3	s60
.....AgacuccggauCgaguGgucc.....	4	3	s60
.....gGcGccggaAagaguugu.....	2	3	s60
.....gGcGccggaAagaguuguc.....	3	3	s60
.....acuccggauCgaguGgucc.....	1	2	s60
.....acGccggaAagaguuguc.....	1	2	s60
.....acuccggauCgaguGgucc.....	1	2	s60
.....acGccggaAagaguugucU.....	3	3	s60
.....AuccggauagaguGguccUg.....	7	3	s60
.....AuccggauCgaguuguccggguuCgggg.....	5	3	s60
.....AuccggauagaguuguccggguuCggggC.....	1	3	s60
.....uccggauCgaguGguccggguuCgggg.....	1	3	s60
.....uccggauCgaguuguccggguuCgggg.....	1	2	s60
.....AcggauCgaguGguccgggu.....	1	3	s60
.....AgauCgaguGguccgggu.....	2	3	s60
.....auCgaguGguccggguuC.....	2	3	s60
.....auCgaguAguccggguuC.....	1	3	s60
.....auCgaguGguccggguuCg.....	1	3	s60
.....auCgaguGguccggguuCgggg.....	2	3	s60
.....AguccggguuCggggCcu.....	1	3	s60
.....AguUcggguuagggUucu.....	4	3	s60
.....AguUcggguuagggUucug.....	14	3	s60
.....AguccggguuCggggCcuaggccg.....	1	3	s60
.....AuUcggguuagggguuC.....	1	3	s60
.....guUcggguuagggUucug.....	2	2	s60
.....AuUcggguuagggUucug.....	2	3	s60
.....guUcgggCuagggUucug.....	1	3	s60
.....AuccggguuCggggCcuaggccg.....	5	3	s60
.....AcggguuCggggCcuaggccg.....	1	3	s60
.....AgggguuCggggCcuaggccg.....	1	3	s60
.....AuUcggggCcuaggccggga.....	1	3	s60
.....AuUcggggCcuaggccggggacauug.....	1	3	s60
.....uuCggggCcuaggccggggga.....	1	2	s60
.....AuCggggCcuaggccggggaca.....	1	3	s60
.....uuCggggCcuaggccgggggaUauugu.....	1	3	s60
.....aggggCcAgggccggggUc.....	1	3	s60
.....aggggCcAgggccggggUca.....	1	3	s60
.....aUgggCcuaggccggggacauuUu.....	1	3	s60
.....agggUcCugggccggggacauuguguu.....	3	2	s60
.....agggUcCugggccggggacauuguguug.....	1	2	s60
.....AgggCcuaggccggggaca.....	2	2	s60
.....AggUcCugggccggggacauugug.....	1	3	s60
.....gggUcCugggccggggacauugug.....	1	2	s60
.....AgggCcuaggccggggacauugugu.....	1	2	s60
.....gggUcCugggcUggggacauuguguu.....	1	3	s60
.....AggUcCugggccggggacauuguguug.....	3	3	s60
.....AgUcCugggccggggacauug.....	3	3	s60
.....AgUcCugggccggggacauuguguu.....	1	3	s60
.....AUcCugggccggggacauug.....	1	3	s60
.....AUcCugggccggggacauugugu.....	1	3	s60
.....AgCugggccggggacauugCguu.....	1	3	s60
.....AgCugggccggggacauugCguug.....	1	3	s60
.....AUcCugggccggggacauuguguug.....	2	3	s60
.....ACuaggccggggacauug.....	2	2	s60
.....ACuaggccggggacGuugu.....	1	3	s60

aggcgcgguugcccaugguuagugagcucgacuccggauagaguuguccggguuaggggu	cuggccggggacauuguguug			
.....ACuggccggggAacauugu...	1	3	s60	
.....ACuggccggggGGuugug...	4	3	s60	
.....ACuggccggggAacauugug...	2	3	s60	
.....ACuggccggggacauuguAu...	1	3	s60	
.....UCuggccggggGGuuguguu...	1	3	s60	
.....ACuggccggggGGuuguguu...	1	3	s60	
.....ACuggccggggacauuguguug	4	2	s60	
.....ACuggccggggacauuguguuU	1	3	s60	
.....Acuggccggggacauugu...	5	1	s60	
.....AcuggccggggAGcauugug...	2	3	s60	
.....AcuggccggggGGuugug...	1	2	s60	
.....Acuggccggggacauugugu...	1	1	s60	
.....CcuggccggggGGuuguguu...	1	2	s60	
.....AcuggAcggggacauuguguu...	1	2	s60	
.....CcuggccggggGGuuguguu...	1	2	s60	
.....Acuggccggggacauuguguu...	5	1	s60	
.....AcuggccggggacauuguguuU	3	2	s60	
.....Acuggccggggacauuguguug	6	1	s60	
.....Augggccggggacauugug...	1	1	s60	
.....Augggccggggacauugugu...	3	1	s60	
.....cuggccggggacauuguCuu...	1	1	s60	
.....AugggccggggGGuuguguuA	1	3	s60	
.....AugggccggggacauugCAug	2	3	s60	
.....Augggccggggacauuguguug	8	1	s60	
.....AugggccggggacauugCguug	6	2	s60	
.....AugggccggggacauuguguuA	1	2	s60	
.....cuggccggggacauuguguuU	1	1	s60	
.....AgggcAgggAauuguguu...	1	3	s60	
.....Agggccggggacauuguguu...	4	1	s60	
.....AgggccggggAacauuguguu...	1	2	s60	
.....AgggccggggGGuuguguu...	1	2	s60	
.....AAggccggggacauuGuguu...	1	3	s60	
.....AgggccggggGGuuguguuA	2	3	s60	
.....AAggccggggacauuGuguug	1	3	s60	
.....AUggccggggacauuguguuU	2	3	s60	
.....AgggccggggacauuguguuA	5	2	s60	
.....AggcUggggacauuguguug	5	2	s60	
.....AgCccggggacauuguguug	1	2	s60	
.....uggccggggacauugCAug	1	2	s60	
.....AgggccggggAacauuguguug	1	2	s60	
.....AgggccggggacauuguguuU	1	2	s60	
.....Agggccggggacauuguguug	19	1	s60	
.....Agccggggacauuguguu...	4	1	s60	
.....ggccggggacauuguguu...	1	0	s60	
.....AgccggggGGuuguguu...	1	2	s60	
.....AgccggggacauuUuguu...	1	2	s60	
.....ggccggggAacauuguguu...	1	1	s60	
.....AgccggggacauuguguuU	2	2	s60	
.....AgccggggGGuuguguuA	1	3	s60	
.....ggccggggacauuguguug	1	0	s60	
.....ggcUggggacauuguguug	1	1	s60	
.....Agccggggacauuguguug	2	1	s60	
.....AgccggggacauugCguug	1	2	s60	
.....AgcUggggacauuguguuA	1	3	s60	
.....ggccggggacauugCguug	1	1	s60	
.....ggccggggacauuGuguuU	1	1	s60	
.....AgccggggacauuGuguug	2	2	s60	
.....AgcAUgggacauuguguug	1	3	s60	
.....AgUcggggacauuAguug	1	3	s60	
.....Accggggacauuguguug	15	1	s60	
.....gccggggacauuguguuA	1	1	s60	
.....AccggggacauugGug	3	2	s60	
.....gccggggacauugCguug	2	1	s60	
.....AccggggacauugCguug	11	2	s60	
.....AccggggAUuuguAuug	1	3	s60	
.....gccggggacauuguguug	2	0	s60	
.....AccggggacaAugCguug	2	3	s60	
.....AcAggggacauuguguug	2	2	s60	
aggcgcgguuggcAucaugguuagug	1	1	s13	

agggcgcggugggccuauugguuagugagcucgacuccggauagaguuguccggguuagggguucuggccggggacauuguguug			
aggcgcgAugggccuauugguuagugU.....	1	2	s13
aggcgcgugggccuauugguuagugC.....	1	1	s13
aggcgUggugggccuauugguuagugC.....	2	2	s13
aggcgcgugggccuauugguuagugU.....	1	1	s13
aggcAcggugggccuauugguuagAgUg.....	2	3	s13
aggcgcgugggUcucGugguuagugCgc.....	1	3	s13
.AgcgcgugggccuauugguuagU.....	1	1	s13
.ggcgcgAugggccuauugguuagug.....	1	1	s13
..AcAcggugggccuauugguua.....	1	2	s13
..gcgcgAugggccuauugguuagug.....	1	1	s13
..AUgcggugggccuauugguuagugUgcucga.....	1	3	s13
...gcgAugggccuauugguuCgug.....	1	2	s13
...AcggugggccucGugguuagugUgcU.....	1	3	s13
....AgAugggccuauugguuagugU.....	1	3	s13
....AggugggccuauugguuagugC.....	1	2	s13
.....AugggccucGugguuagugU.....	1	3	s13
.....AugggccuauugguuagugCgcucg.....	1	2	s13
.....ugggccuauugguuagugU.....	1	1	s13
.....AgggccuauugguuagAgUgc.....	1	3	s13
.....AccuauugguuagugUgc.....	1	2	s13
.....AccuauugguuagugCgcUgac.....	1	3	s13
.....AcuauugguuagAgUgcucgacU.....	1	3	s13
.....AcuauugguuagugCgcucgacuccgg.....	1	2	s13
.....AcuauugguuagAgUgcucgacuccggau.....	1	3	s13
.....AcuauugguuagugCgcucgacuccggau.....	2	2	s13
.....AcuauugguuagugCgcucgacucUggau.....	1	3	s13
.....AcuauugguuagugCgcucgacuccggauC.....	2	3	s13
.....AuauugguuagugCgcucgac.....	2	2	s13
.....AuauugguCagugUgcucgacuc.....	1	3	s13
.....AuauugguuagugCgcucgacucc.....	1	2	s13
.....AuauugguuagugCgcucgacuccAga.....	1	3	s13
.....AuauugguuagugCgcucgacuccAgau.....	1	3	s13
.....AuauugguuagugUgcucgacuccggau.....	1	2	s13
.....AuauugguuagugCgcucgacuccggauC.....	2	3	s13
.....AuauugguuagugCgcucgacuccggauaA.....	1	3	s13
.....CcaugguuGgugagcAcg.....	1	3	s13
.....AcaugguuagugUgcucgac.....	1	2	s13
.....AcaugguuagugCgcucgac.....	5	2	s13
.....ucaugguuagugCgcucgacuccAgUu.....	1	3	s13
.....ucaugguuagugCgcUgacuccggauC.....	2	3	s13
.....AaugguuagAgUgcucgac.....	1	3	s13
.....AaugguuagugCgcucgac.....	2	2	s13
.....AaugguuagugUgcucgac.....	1	2	s13
.....AaugguuagugCgcucgacuccggauCga.....	1	3	s13
.....augguuagugCgUgcgac.....	1	2	s13
.....augguuagugUgcucgac.....	1	1	s13
.....augguuagugCgcucgac.....	8	1	s13
.....augguuagCgCgcUgacu.....	1	3	s13
.....augguuagugCgcucgacuG.....	1	2	s13
.....augguuagugCAcucUacuc.....	2	3	s13
.....augguuagugCgcucgacuc.....	2	1	s13
.....augguuagugCgcucgacuccgga.....	5	1	s13
.....augguuagugUgcucAacuccggau.....	1	2	s13
.....augguuCgugCgcucgacuccggau.....	1	2	s13
.....augguCagugUgcUgacuccggau.....	1	3	s13
.....augguuagugCgcUgacuccggauC.....	1	3	s13
.....augguuagugCgcucgacuccggauC.....	1	2	s13
.....augguuagugCgcucgacuccggauCg.....	3	2	s13
.....augguuagugCgcucgacucUggauUga.....	1	3	s13
.....augguuagugCgcucgacuccgUauCga.....	1	3	s13
.....augguuagugUgcucgacuccggauCga.....	1	2	s13
.....augguuagugCgcucgacuccAgauCga.....	4	3	s13
.....augguuagugCgcucgacuccggauCga.....	4	2	s13
.....augguuagAgUgcucgacuccggauCga.....	1	3	s13
.....augguuagugCgcUgacuccggauCga.....	2	3	s13
.....augguuagugCgcUgacuccggauCgag.....	3	3	s13
.....augguuagugCgcucgacuccggauCgag.....	1	2	s13
.....augguuagugUgcucAacuccggauCgag.....	3	3	s13
.....augguuagugCgcucgacuccggauCUag.....	1	3	s13
.....ugguuagCgCgcucgacuc.....	1	2	s13

aggcgcggugggccucaugguuagugagcucgacuccggauagaguuguccggguuaggggu			
.....ugguuagugCgcucgacuc.....	1	1	s13
.....ugguuagugCAcucUacuc.....	1	3	s13
.....AgguuagugCgcucgacucc.....	1	2	s13
.....AgguuagugCgcucgacuccgga.....	1	2	s13
.....ugguuagugCgcucgacucUggauUga.....	1	3	s13
.....AgguuagugCgcucgacuccggauCgag.....	1	3	s13
.....uuagugCgcucgacuccggauCg.....	1	2	s13
.....AcucgacuccggauCgaguGg.....	1	3	s13
.....acGccggaAagaguuguG.....	1	3	s13
.....acGccggaAagaguuguc.....	1	2	s13
.....acGccggaAagaguugucU.....	1	3	s13
.....AGccggaAagaguugucc.....	1	3	s13
.....AuccggaAagaguugucUg.....	2	3	s13
.....AuccggauCgaguuguccggguuCgggg.....	7	3	s13
.....uccggauCgaguGguccggguuUggg.....	1	3	s13
.....uccggauCgaguGguccggguuUgggg.....	3	3	s13
.....AagGguuguAcggguuagg.....	1	3	s13
.....agaguuCuccgggAuagCg.....	1	3	s13
.....agCggucCggccgggAac.....	1	3	s13
.....aAggUCcuggccggggacauugu....	1	3	s13
.....agggUCcuggcUggggacauuguguug	1	3	s13
.....AUucggccggggacauuguguu..	1	2	s13
.....AcuggccggggacauuguU... ..	1	2	s13
.....AcuggccggggacUuugugu..	1	2	s13
.....AcuggcUggggacauuguguuU	1	3	s13
.....AcuggccggggacUuuguguug	1	2	s13
.....Auggccggggacauuguguug	2	1	s13
.....AggcUggggacauuguguu..	1	2	s13
.....gccggggacauuguguug	1	0	s13
.....gccgggAacauuguguug	1	1	s13