

U^CU
U^UAGAAACCC
5' 3' UCUUGGCU
UUGGACCA^GUG^{UG}GCUGU^CCGU^GCGGUG^CUACA^UU^CU
CUUGG^UGAC^UCA^AAG^UGGCCAC^UAUG^UCUA^AU

[illegible]

uucuagaaacccuuggaccaguguggguguccguugcgugcuacauucucuaaucuguaucacccgggugaacacuuugcagugguccucgugguuucu			
.....aucacccgggugaacacuuugcaU.....	1	1	seq
.....Uucacccgggugaacacuuugcag.....	23	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	3	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	4	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....Cucacccgggugaacacuuugcag.....	66	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	2	1	seq
.....aucacccgggugaacacuuugcag.....	4	1	seq
.....aucacccgggugaacacuuugcag.....	2	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	4	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	2	1	seq
.....aucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	2	1	seq
.....aucacccgggugaacacuuugcag.....	178	0	seq
.....Uucacccgggugaacacuuugcag.....	1	1	seq
.....aucacccgggugaacacuuugcag.....	2	1	seq
.....aucacccgggugaacacuuugcag.....	3	1	seq
.....uAacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	20	0	seq
.....Acacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	2	1	seq
.....ucaAacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	24	0	seq
.....ucacccgggugaacacuuug.....	3	1	seq
.....ucacccgggugaacacuuug.....	2	1	seq
.....ucacccgggugaacacuuug.....	6	1	seq
.....ucacccgggugaacacuuug.....	14	1	seq
.....ucacccgggugaacacuuug.....	5	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....uAacccgggugaacacuuug.....	2	1	seq
.....ucacccgggugaacacuuug.....	4	1	seq
.....uUacccgggugaacacuuug.....	2	1	seq
.....ucGccgggugaacacuuug.....	4	1	seq
.....ucaUcgggugaacacuuug.....	2	1	seq
.....ucaccCgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	4	1	seq
.....uGacccgggugaacacuuug.....	5	1	seq
.....ucaccUgggugaacacuuug.....	5	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	3	1	seq
.....ucacccgggugaacacuuug.....	18	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	2	1	seq
.....ucaGcgggugaacacuuug.....	2	1	seq
.....ucacccgggugaacacuuug.....	9	1	seq
.....ucacccgggugaacacuuug.....	1	1	seq
.....ucacccgggugaacacuuug.....	2	1	seq

uucuagaaacccuuggaccaguguggguguccguugcggugcuacauucucuaaucuguaucacccgggugaacacucaguggguccucgugguuucu			
.....Acacccgggugaacacucagca.....	1	1	seq
.....ucacccgggugaacacucagca.....	2	1	seq
.....ucacccgggugaacacucCca.....	3	1	seq
.....ucacccAggugaacacucagca.....	1	1	seq
.....ucacccgggugaacCcuagca.....	1	1	seq
.....ucacccgggugaacacuuUca.....	4	1	seq
.....ucacccgggugaacaGuugca.....	3	1	seq
.....ucaCUGggugaacacucagca.....	2	1	seq
.....ucacccgggugaacacCugca.....	1	1	seq
.....ucacccgggugaacacuGgca.....	10	1	seq
.....ucacccgggugaaUacuagca.....	6	1	seq
.....ucaAcgggugaacacucagca.....	2	1	seq
.....ucacccgUGugaacacucagca.....	2	1	seq
.....ucacccgggugaacaAuuagca.....	4	1	seq
.....ucacccggguUaacacucagca.....	3	1	seq
.....ucacAGgggugaacacucagca.....	24	1	seq
.....ucacccgggGgaacacucagca.....	8	1	seq
.....ucacccggguCaacacucagca.....	1	1	seq
.....ucacccgggCGaacacucagca.....	11	1	seq
.....ucacccggCGugaacacucagca.....	5	1	seq
.....Gcaccgggugaacacucagca.....	1	1	seq
.....ucacccgggugaacacuGgca.....	1	1	seq
.....ucacccgggugaacacucagca.....	1237	0	seq
.....ucacccgggugaaUacuagcag.....	9	1	seq
.....Ccaccgggugaacacucagcag.....	7	1	seq
.....ucacccgggugaacacuuCcag.....	7	1	seq
.....ucacccgggugaaAacuagcag.....	22	1	seq
.....ucacccgggugGacacucagcag.....	4	1	seq
.....ucacccgggugaacacuGgcag.....	14	1	seq
.....uGaccgggugaacacucagcag.....	5	1	seq
.....ucacccgggugaacaUuagcag.....	5	1	seq
.....ucacccgggugCacacucagcag.....	5	1	seq
.....ucacccgAGugaacacucagcag.....	6	1	seq
.....uAaccgggugaacacucagcag.....	6	1	seq
.....ucacccgggugaacacucagGag.....	2	1	seq
.....ucacccgggugaGcacucagcag.....	2	1	seq
.....ucGccgggugaacacucagcag.....	2	1	seq
.....ucacccggguAaacacucagcag.....	7	1	seq
.....ucacAGgggugaacacucagcag.....	78	1	seq
.....ucacccgggugaacacAagcag.....	4	1	seq
.....ucacccgggugaacacucagcC.....	8	1	seq
.....ucacccgggugaacacuuUcag.....	19	1	seq
.....ucaAcgggugaacacucagcag.....	10	1	seq
.....ucacccgggugaaGacuagcag.....	5	1	seq
.....ucacccgGUgaacacucagcag.....	4	1	seq
.....ucacccgggugaacCcuagcag.....	2	1	seq
.....ucacccggguCaacacucagcag.....	2	1	seq
.....ucacccgggugaacacCugcag.....	11	1	seq
.....ucaccUGgugaacacucagcag.....	8	1	seq
.....ucaCUGggugaacacucagcag.....	7	1	seq
.....ucacccgUGugaacacucagcag.....	5	1	seq
.....ucacccggCugaacacucagcag.....	8	1	seq
.....ucacccgggugaCcacuagcag.....	3	1	seq
.....ucacccgCGugaacacucagcag.....	26	1	seq
.....ucacccgggugaacacuugcUG.....	12	1	seq
.....ucacccgggCGaacacucagcag.....	41	1	seq
.....uUaccgggugaacacucagcag.....	3	1	seq
.....ucaccAGgugaacacucagcag.....	6	1	seq
.....ucacccgggugaacaGuugcag.....	1	1	seq
.....ucacccgggAGaacacucagcag.....	33	1	seq
.....ucacccgggugaacacuAGcag.....	6	1	seq
.....ucacccgggugUaacucagcag.....	4	1	seq
.....ucacccgggugaacacucagcag.....	3796	0	seq
.....ucacccgggAgaacacucagcag.....	4	1	seq
.....ucacccgggugaacacuugcGg.....	1	1	seq
.....ucacccgggugaUacuugcag.....	2	1	seq
.....ucacccgggugaacacuGgcag.....	3	1	seq
.....ucacccgggugaacUcuugcag.....	10	1	seq
.....ucaGcgggugaacacucagcag.....	2	1	seq
.....ucacccgggugaacacucagAag.....	10	1	seq

uucuagaaacccuuggaccaguguggguguccguugcggugcuacauucucuaaucuguaucacccgggugaacacuuugcagugguccucgugguuucu			
.....ucacGgggugaacacuuugcag.....	1	1	seq
.....ucacccgggugaacacGugcag.....	5	1	seq
.....ucacccgggugaacacuuugUag.....	8	1	seq
.....ucacccggguUaacacuuugcag.....	7	1	seq
.....ucacccgggugaacacuuugcaU.....	16	1	seq
.....ucacccgggugaacaAuugcag.....	25	1	seq
.....ucaUcgggugaacacuuugcag.....	5	1	seq
.....ucacccgggugaacacuuugcCg.....	9	1	seq
.....ucCccgggugaacacuuugcag.....	4	1	seq
.....Acacccgggugaacacuuugcag.....	5	1	seq
.....ucacccgggGgaacacuuugcag.....	60	1	seq
.....ucUccgggugaacacuuugcag.....	3	1	seq
.....ucacccgggugaacacuuugcaA.....	2	1	seq
.....Gcacccgggugaacacuuugcag.....	7	1	seq
.....ucaccCggugaacacuuugcag.....	1	1	seq
.....ucacccgggugaacacuuAcag.....	1	1	seq
.....ucacccgggugaUacuugcagu.....	196	1	seq
.....ucacccgggugaacGcuugcagu.....	40	1	seq
.....ucacccgggGgaacacuuugcagu.....	1320	1	seq
.....Acacccgggugaacacuuugcagu.....	71	1	seq
.....ucacccgggugaacacGugcagu.....	131	1	seq
.....ucacccgggugaacacuGcagu.....	170	1	seq
.....ucaUcgggugaacacuuugcagu.....	128	1	seq
.....ucacccgggugaacacuAgcagu.....	174	1	seq
.....ucacccgggugaacaGuugcagu.....	39	1	seq
.....ucGccgggugaacacuuugcagu.....	27	1	seq
.....ucacccggUugaacacuuugcagu.....	94	1	seq
.....ucacccgggugaacacUugcagu.....	55	1	seq
.....ucacccgggugUacacuuugcagu.....	102	1	seq
.....ucCccgggugaacacuuugcagu.....	36	1	seq
.....ucacccgggugaCcacuuugcagu.....	61	1	seq
.....ucacccgggugaacacuGgcagu.....	508	1	seq
.....ucacccgggugaacacuuugcaUu.....	138	1	seq
.....ucaAcgggugaacacuuugcagu.....	340	1	seq
.....ucacccgggugaacacuuugGagu.....	37	1	seq
.....ucaGcgggugaacacuuugcagu.....	86	1	seq
.....ucacccgggugaacacuuugcagA.....	187	1	seq
.....ucacccgUgugaacacuuugcagu.....	114	1	seq
.....ucacccgggugaacacuuugAagu.....	104	1	seq
.....ucacccgggugaacaUuugcagu.....	97	1	seq
.....ucacccgggugaacCcuugcagu.....	62	1	seq
.....Ccacccgggugaacacuuugcagu.....	93	1	seq
.....ucacccgggugaacacuuugcCgu.....	391	1	seq
.....Gcacccgggugaacacuuugcagu.....	115	1	seq
.....ucacccgggugaacacuuugcGgu.....	67	1	seq
.....ucacGgggugaacacuuugcagu.....	23	1	seq
.....ucacccgggugaacaAuugcagu.....	427	1	seq
.....ucacccgggugaacacCugcagu.....	183	1	seq
.....ucacccgggugaGcacuuugcagu.....	26	1	seq
.....uGacccgggugaacacuuugcagu.....	103	1	seq
.....ucacccgAguagaacacuuugcagu.....	153	1	seq
.....ucUccgggugaacacuuugcagu.....	8	1	seq
.....ucacccgCguagaacacuuugcagu.....	674	1	seq
.....ucacccgggugaacacuuUcagu.....	448	1	seq
.....ucacccgggugaacacuuugUagu.....	133	1	seq
.....ucacccgggAgaacacuuugcagu.....	841	1	seq
.....ucacccgggugaacacuuugcaAu.....	62	1	seq
.....ucacccgggugaUcacuuugcagu.....	28	1	seq
.....ucacccggCugaacacuuugcagu.....	207	1	seq
.....ucacccgggugaacacuuugcagG.....	242	1	seq
.....ucacccgggugaAGacuugcagu.....	226	1	seq
.....ucacAGgggugaacacuuugcagu.....	1597	1	seq
.....ucaccAGgugaacacuuugcagu.....	146	1	seq
.....ucaccUggugaacacuuugcagu.....	190	1	seq
.....ucaccCggugaacacuuugcagu.....	70	1	seq
.....ucacccgggugaacacuuugcaCu.....	140	1	seq
.....ucacccggguAaacacuuugcagu.....	92	1	seq
.....ucacccggguUaacacuuugcagu.....	212	1	seq
.....ucacccgggugCacacuuugcagu.....	210	1	seq
.....ucacccggAugaacacuuugcagu.....	178	1	seq

uucuagaaacccuuggaccaguguggguguccguugcggugcuacauucucuaaucuguaucacccgggugaacacuuugcaguggguccucgugguuucu			
.....ucacccgggugaaAacuuugcagu.....	686	1	seq
.....ucacccgggugaacacuuugcUgu.....	327	1	seq
.....uUacccgggugaacacuuugcagu.....	107	1	seq
.....ucacccgggugaacacuuAacagu.....	129	1	seq
.....ucacccgggugGacacuuugcagu.....	162	1	seq
.....ucacccgggugaacacuuugcagC.....	270	1	seq
.....ucacccgggugaacacuuCcagu.....	150	1	seq
.....ucacccggguCaacacuuugcagu.....	122	1	seq
.....ucacccgggCGaacacuuugcagu.....	853	1	seq
.....ucacccgggugaacacuuugcagu.....	90904	0	seq
.....ucacccgggugaacUcuugcagu.....	135	1	seq
.....ucacUgggugaacacuuugcagu.....	106	1	seq
.....uAacccgggugaacacuuugcagu.....	214	1	seq
.....ucacccgggugaacacuuugcaguU.....	2851	1	seq
.....uAacccgggugaacacuuugcagug.....	1	1	seq
.....ucacccgggugaacacuuugcaguC.....	22	1	seq
.....ucacccgggugaacacuuugcaguA.....	1251	1	seq
.....ucacccgggugaacacuuugcagGg.....	1	1	seq
.....ucacccgggugaacacuuugcagug.....	19	0	seq
.....ucaAcgggugaacacuuugcagug.....	1	1	seq
.....ucacccgggugaacacGugcagug.....	1	1	seq
.....ucacccgggugaacacuuugcUgug.....	2	1	seq
.....ucacccgggugaacacuuugcagugC.....	4	1	seq
.....ucacccgggugaacacuuugcaguCg.....	1	1	seq
.....ucacccgggugaacacuuugcagugA.....	3	1	seq
.....ucacccgggugaacacuuugcaguAg.....	1	1	seq
.....ucacccgggugaacacuuugcagugg.....	2	0	seq
.....ucacccgggugaacacuuugcaguUg.....	1	1	seq
.....ucacccgggugaacacuuugcagugUu.....	1	1	seq
.....ucacccgggugaacacuuugcaguggA.....	1	1	seq
.....uUacccgggugaacacuuugcaguggu.....	1	1	seq
.....ucacccgggugaacacuuugcaguggu.....	1	0	seq
.....ucacccgggugaacacuuugcagugAuc.....	2	1	seq
.....ucacccgggugaacacuuugcaguggCc.....	1	1	seq
.....ucacccgggugaacacuuugcaguggucA.....	1	1	seq
.....ucacccgggugaacacuuugcagugguUc.....	2	1	seq
.....caccgggugaacacuuugca.....	1	0	seq
.....caccgggugaacaUuugcag.....	1	1	seq
.....cGccgggugaacacuuugcag.....	1	1	seq
.....caccgggugaacacuuugcag.....	23	0	seq
.....caAcgggugaacacuuugcag.....	1	1	seq
.....caccgggugaacacuuAacagu.....	2	1	seq
.....caccgggugaaAacuuugcagu.....	7	1	seq
.....caccgggugaaGacuuugcagu.....	1	1	seq
.....caccgggugaacacuuAgcagu.....	1	1	seq
.....caAcgggugaacacuuugcagu.....	8	1	seq
.....cGccgggugaacacuuugcagu.....	1	1	seq
.....caccgggugaacacGugcagu.....	1	1	seq
.....caccgggugaacacuuGgcagu.....	1	1	seq
.....caccgggugaacacuuugcUgu.....	3	1	seq
.....caccgggugaacacuuugcagA.....	3	1	seq
.....caccgggugaacacuuGgcagu.....	2	1	seq
.....Uacccgggugaacacuuugcagu.....	4	1	seq
.....caccgggugaacacuuugcagC.....	5	1	seq
.....caccAggugaacacuuugcagu.....	1	1	seq
.....caccgggugaacaAuuugcagu.....	1	1	seq
.....caccggguCaacacuuugcagu.....	1	1	seq
.....caccgggCGaacacuuugcagu.....	5	1	seq
.....cCccgggugaacacuuugcagu.....	1	1	seq
.....caccgggAugaacacuuugcagu.....	1	1	seq
.....cacGgggugaacacuuugcagu.....	1	1	seq
.....caccgggugaacacuuCcagu.....	2	1	seq
.....caccgggugaCcacuuugcagu.....	1	1	seq
.....caccgggAgaacacuuugcagu.....	6	1	seq
.....caccgggugaacacuuugcagu.....	285	0	seq
.....caccgggGgaacacuuugcagu.....	18	1	seq
.....caccgggugaacacuuugcagug.....	16	0	seq
.....caccgggugaacacuuugcagCg.....	1	1	seq
.....caccgggugaacacuuugcaguC.....	3	1	seq
.....caccgggugaacacuuugcaguA.....	141	1	seq

uucuagaaacccuuggaccaguguggguguccguugcggugcuacauucucuaaucuguaucacccgggugaacacuuugcaguggguccucgugguuucu			
.....caccgggugaacacuuugcaguU.....	221	1	seq
.....caccgggugaacacuuugcaguUg.....	1	1	seq
.....caccgggugaacacuuugcagugC.....	1	1	seq
.....caccgggugaacacuuugcagugU.....	1	1	seq
.....accgggugaacacAugca.....	1	1	seq
.....accgggugaacacuuugca.....	8	0	seq
.....accgggCgaacacuuugca.....	1	1	seq
.....accgggugaacacuuugcag.....	44	0	seq
.....accgggugaacacuuugcCg.....	1	1	seq
.....aGcgggugaacacuuugcag.....	1	1	seq
.....accgggCgaacacuuugcag.....	1	1	seq
.....accggUugaacacuuugcag.....	1	1	seq
.....accgggAgaacacuuugcag.....	1	1	seq
.....accCggugaacacuuugcag.....	1	1	seq
.....accgggugaacacCugcag.....	1	1	seq
.....accggguAaacacuuugcagu.....	2	1	seq
.....accgggugaacacuuugcaUu.....	1	1	seq
.....accgggugaacacuuGgcagu.....	2	1	seq
.....accgggugaacaAuuugcagu.....	3	1	seq
.....accgggugaacacCugcagu.....	1	1	seq
.....accggguUaacacuuugcagu.....	3	1	seq
.....accgggugaacacuuugcagu.....	746	0	seq
.....accgggugaacaUuuugcagu.....	1	1	seq
.....accgggugaaGacuuugcagu.....	1	1	seq
.....accgggugaacacuuugcCgu.....	23	1	seq
.....accgggugaaAacuuugcagu.....	9	1	seq
.....accCggugaacacuuugcagu.....	12	1	seq
.....accgggCgaacacuuugcagu.....	33	1	seq
.....accgggugaacacuuugcagA.....	8	1	seq
.....accgggugaacacuuugcagG.....	3	1	seq
.....accgAgugaacacuuugcagu.....	3	1	seq
.....accgggugaacGcuugcagu.....	1	1	seq
.....accggAugaacacuuugcagu.....	1	1	seq
.....accggCugaacacuuugcagu.....	1	1	seq
.....aAcgggugaacacuuugcagu.....	2	1	seq
.....accgggugCacacuuugcagu.....	1	1	seq
.....accgggGgaacacuuugcagu.....	16	1	seq
.....accgggugaacacuuugGagu.....	1	1	seq
.....accgggugaacacuuugcaCu.....	5	1	seq
.....accgggugaacCcuugcagu.....	4	1	seq
.....Ccgggugaacacuuugcagu.....	1	1	seq
.....accgggugaacacuuUcagu.....	21	1	seq
.....accgggugaaUacuugcagu.....	1	1	seq
.....aGcgggugaacacuuugcagu.....	2	1	seq
.....accgggugaacacuuAcagu.....	1	1	seq
.....accggUugaacacuuugcagu.....	2	1	seq
.....aUcgggugaacacuuugcagu.....	1	1	seq
.....Uccgggugaacacuuugcagu.....	1	1	seq
.....accgggugaacacGugcagu.....	2	1	seq
.....accgggugaacacuuugcagC.....	9	1	seq
.....acAgggugaacacuuugcagu.....	4	1	seq
.....accUggugaacacuuugcagu.....	2	1	seq
.....accgggugaacacuuCcagu.....	3	1	seq
.....accgggugaacacuuugcUgu.....	1	1	seq
.....accAggugaacacuuugcagu.....	2	1	seq
.....accgggugaacacuuugUagu.....	2	1	seq
.....accgggAgaacacuuugcagu.....	12	1	seq
.....accgggugaacacuuugAagu.....	6	1	seq
.....accgUgugaacacuuugcagu.....	2	1	seq
.....accgggugGacacuuugcagu.....	2	1	seq
.....accgCgugaacacuuugcagu.....	6	1	seq
.....accgggugUacacuuugcagu.....	3	1	seq
.....accggguCaacacuuugcagu.....	4	1	seq
.....accgggugaacacuAgcagu.....	2	1	seq
.....acUgggugaacacuuugcagu.....	3	1	seq
.....accgggugaacacuuugcaguA.....	16	1	seq
.....accgggugaacacuuugcaguU.....	29	1	seq
.....accgggugaacacuuugcaguUg.....	1	1	seq
.....Ucgggugaacacuuugcag.....	1	1	seq
.....ccgggugaacacuuugcag.....	1	0	seq

uucuagaaacccuuggaccaguguggguguccguugcggugcuacauucucuaaucuguaucacccgggugaacacuugcagugguccucgugguuucu			
.....Ucgggugaacacuugcagu.....	2	1	seq
.....ccgggugaacacuugcagu.....	3	0	seq
.....cgggugaacacuugcagu.....	3	0	seq
.....cgggCgaacacuugcagu.....	1	1	seq