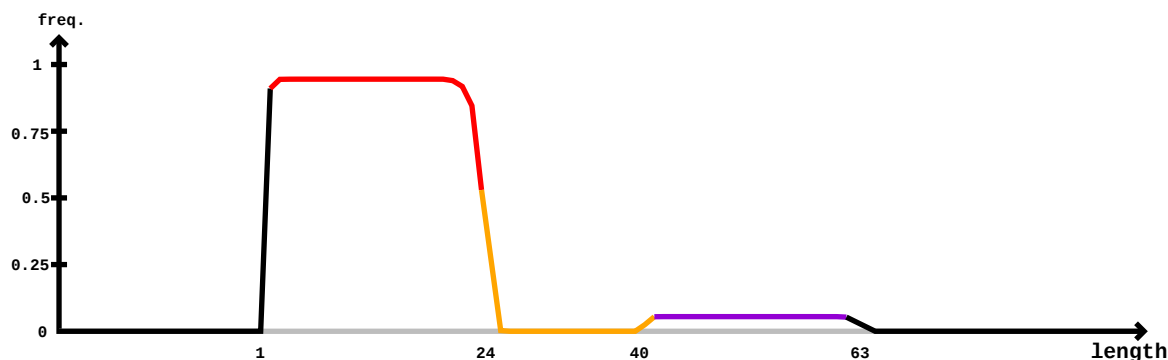


[illegible]

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[illegible]

Mature

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gcucgagggguuggcuguuaucuuugguuuauucuaagcuguauagagugguguacauucucuaaaagcuagauaaccgaaaguaacaagaaucccauuacgcucccgcgaggc

.....ucuuugguuauucuaagcugCaug.....	1	1	s02
.....GcuuugguuauucuaagcuguauG.....	2	1	s02
.....ucuuugguuauucuaagcuguauG.....	1	1	s02
.....ucuuugguuauucuaagcuguauG.....	1	1	s02
.....ucuuugguuauucuaUcuguauG.....	1	1	s02
.....uGuuugguuauucuaagcuguauG.....	2	1	s02
.....ucuuugguuauucuaagcuguauU.....	8	1	s02
.....ucuuugguuauucuaagGuguauG.....	2	1	s02
.....ucNuugguuauucuaagcuguauG.....	2	1	s02
.....ucuuugguuauucuaagcuguUuG.....	2	1	s02
.....ucuuugguuauucuaagcuguACg.....	1	1	s02
.....ucuuugguuGucuagcuguauG.....	1	1	s02
.....ucuuugguGaucuagcuguauG.....	1	1	s02
.....ucuuugguuauucuaagcuguauG.....	1480	0	s02
.....ucuuugguuauucGagcuguauG.....	6	1	s02
.....ucuuugguuauucuaagcuguAag.....	5	1	s02
.....ucuuugguuauucuaagcuguauA.....	15	1	s02
.....ucuuAgguuauucuaagcuguauG.....	2	1	s02
.....ucuuugguuauucuaCcuguauG.....	3	1	s02
.....ucuuuUguuauucuaagcuguauG.....	1	1	s02
.....ucuuugguuauucuaagcCguauG.....	2	1	s02
.....ucuuugguuauucCagcuguauG.....	1	1	s02
.....ucuuugguuauucuaagcugGaug.....	3	1	s02
.....ucuuCgguuauucuaagcuguauG.....	2	1	s02
.....ucuuugguuauucuaagUuguauG.....	1	1	s02
.....ucuuuCGuuauucuaagcuguauG.....	1	1	s02
.....ucuuugguuauucuaagcugAaug.....	2	1	s02
.....ucuuNugguuauucuaagcuguauG.....	3	1	s02
.....ucuuugguuauucuaagAuguauG.....	1	1	s02
.....ucuuuggGuaucuaagcuguauGa.....	7	1	s02
.....ucuuuggAuaucuaagcuguauGa.....	8	1	s02
.....ucuuugguuauucuaagcuguauCa.....	1	1	s02
.....ucuuugguuGucuagcuguauGa.....	5	1	s02
.....ucuuCugguuauucuaagcuguauGa.....	1	1	s02
.....ucuuugguuauGuaagcuguauGa.....	1	1	s02
.....ucuuugguuauucuaagcCguauGa.....	2	1	s02
.....ucuuugguuauucuaagcugAauga.....	8	1	s02
.....ucuuugguuauucuaCcuguauGa.....	4	1	s02
.....ucuuugguuauucuaagcuAuauga.....	1	1	s02
.....ucuuugguuauucuaagcugCauga.....	3	1	s02
.....ucuuugguuauucuaagcuguauGC.....	12	1	s02
.....ucuuugguuauucuaagcuguCuga.....	1	1	s02
.....ucuuugguuauucuaagUuguauGa.....	1	1	s02
.....ucuuugguuauucuaGgcuguauGa.....	2	1	s02
.....ucuuugguuCucuagcuguauGa.....	1	1	s02
.....GcuuugguuauucuaagcuguauGa.....	2	1	s02
.....ucuuugguuauucuaagcuguauGa.....	2067	0	s02
.....uAuuugguuauucuaagcuguauGa.....	3	1	s02
.....ucuuugguuauucuaagcuguAGga.....	2	1	s02
.....ucuuugguuauucCagcuguauGa.....	1	1	s02
.....ucuuugguuauucAagcuguauGa.....	1	1	s02
.....ucuuugguuauucuaUcuguauGa.....	1	1	s02
.....ucuuugguuauAuagcuguauGa.....	1	1	s02
.....uUuuugguuauucuaagcuguauGa.....	5	1	s02
.....ucuuugguuauucuaagGuguauGa.....	3	1	s02
.....ucuuugguuauucuaagcuguGuga.....	4	1	s02
.....ucuuugguuauucuaagcuguauGU.....	274	1	s02
.....ucuuugguuuACuagcuguauGa.....	1	1	s02
.....ucuuCgguuauucuaagcuguauGa.....	1	1	s02
.....ucuuugguuauucUgcuguauGa.....	12	1	s02
.....ucuuugCUuaucuaagcuguauGa.....	1	1	s02
.....ucuuugguuauucuaagAuguauGa.....	3	1	s02
.....ucuuugguuauucuaagcuguauG6.....	2	1	s02
.....ucuuugguuauucuaagcNguauGa.....	1	1	s02
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.....ucuuGgguuauucuaagcuguauGa.....	1	1	s02
.....ucuuugUuuauucuaagcuguauGa.....	4	1	s02
.....ucuuugguuauucuaagcuguUuga.....	1	1	s02
.....ucuuugguuauucuaagcuguauUa.....	6	1	s02

Mature

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gcucgagggguuggcuguuucuuuggguuaucuagcuguaugagugguguacauucucauaaagcuagauaaccgaaaguaacaagaaucccauacgcucccgagggc

..... <u>uc</u> uNugguuau <u>cu</u> agcugu <u>au</u> ga.....	6	1	s02
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>a</u> Cga.....	1	1	s02
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>au</u> gag.....	4	0	s02
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>au</u> gaU.....	71	1	s02
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>au</u> gaA.....	16	1	s02
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>au</u> gaUu.....	7	1	s02
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>au</u> gagA.....	6	1	s02
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>au</u> gaAu.....	1	1	s02
..... <u>cu</u> uugguuau <u>cu</u> agcugu <u>a</u>	1	0	s02
..... <u>cu</u> uugguuau <u>cu</u> agcugu <u>au</u>	5	0	s02
..... <u>G</u> uuugguuau <u>cu</u> agcugu <u>au</u> g.....	1	1	s02
..... <u>cu</u> uugguuau <u>cu</u> agcugu <u>au</u> g.....	26	0	s02
..... <u>cu</u> uugguuau <u>G</u> cuagcugu <u>au</u> ga.....	1	1	s02
..... <u>cu</u> uugguu <u>G</u> cuagcugu <u>au</u> ga.....	1	1	s02
..... <u>cu</u> uugguuau <u>cu</u> agcugu <u>au</u> ga.....	128	0	s02
..... <u>cu</u> uugguuau <u>cu</u> agcugu <u>C</u> ga.....	1	1	s02
..... <u>cu</u> uugguuau <u>cu</u> agcu <u>U</u> u <u>au</u> ga.....	1	1	s02
..... <u>cu</u> uNgguuau <u>cu</u> agcugu <u>au</u> ga.....	2	1	s02
..... <u>cu</u> uugguuau <u>cu</u> agcug <u>C</u> au <u>ga</u>	1	1	s02
..... <u>cu</u> uugguuau <u>cu</u> ag <u>A</u> u <u>au</u> ga.....	1	1	s02
..... <u>cu</u> uugguuau <u>cu</u> agcugu <u>au</u> gaU.....	4	1	s02
..... <u>uu</u> ugguuau <u>cu</u> agcugu <u>au</u> ga.....	2	0	s02
..... <u>u</u> ugguuau <u>cu</u> agcugu <u>au</u> g.....	1	0	s02
..... <u>au</u> aaagcuagauaaccgaa.....	1	0	s02
..... <u>au</u> aaagcuagauaaccgaaag.....	7	0	s02
..... <u>au</u> aaagcuagauaaccgaaagA.....	2	1	s02
..... <u>au</u> aaCgcuagauaaccgaaagu.....	1	1	s02
..... <u>au</u> aaagcuagauaaccgaa <u>U</u> u.....	1	1	s02
..... <u>au</u> aaagcuagaAaaccgaaagu.....	1	1	s02
..... <u>au</u> aGagcuagauaaccgaaagu.....	1	1	s02
..... <u>au</u> aaagcuagauaaccgaaagu.....	69	0	s02
..... <u>au</u> aaagcuagauCaccgaaagu.....	1	1	s02
..... <u>au</u> aaagcuagauaaccgaaaguU.....	1	1	s02
..... <u>au</u> aaagcuagauaaccgaaGgua.....	1	1	s02
..... <u>au</u> aaagcuagauaaccgaaagua.....	13	0	s02
..... <u>au</u> aaagcuagCuaaccgaaagua.....	1	1	s02
..... <u>u</u> aaagcuagauaaccgaaagu.....	14	0	s02
..... <u>u</u> aaagcuagCuaaccgaaagua.....	3	1	s02
..... <u>u</u> aaagcuagauaaccgaCagua.....	2	1	s02
..... <u>u</u> aaagcuagauaaccgaaagua.....	104	0	s02
..... <u>u</u> aaagcuagauaaccgaaaguaU.....	2	1	s02
..... <u>u</u> aaagcuagaGaaccgaaaguaa.....	1	1	s02
..... <u>u</u> aaagcuagauaaccgaaaguaG.....	4	1	s02
..... <u>aa</u> agcuagauaaccgaaagua.....	1	0	s02
..... <u>aa</u> agcuagauaaccgaaaguaG.....	2	1	s02
..... <u>uc</u> uuugguuau <u>cu</u> agcugA.....	5	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcugu.....	10	0	s01
..... <u>uc</u> uuugguuau <u>C</u> Gagcugu <u>a</u>	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcugAa.....	3	1	s01
..... <u>uc</u> uuugguuau <u>A</u> uagcugu <u>a</u>	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>a</u>	28	0	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcug <u>G</u> au.....	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcugA <u>u</u>	7	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> Ggcugu <u>au</u>	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcuU <u>u</u> au.....	1	1	s01
..... <u>uc</u> uuuggA <u>u</u> au <u>cu</u> agcugu <u>au</u>	2	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcuguA <u>G</u>	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcugu <u>au</u>	144	0	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcuguA.....	5	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcug <u>G</u> au <u>g</u>	1	1	s01
..... <u>uc</u> uuuggA <u>u</u> au <u>cu</u> agcugu <u>au</u> g.....	1	1	s01
..... <u>u</u> G <u>uu</u> ugguuau <u>cu</u> agcugu <u>au</u> g.....	1	1	s01
..... <u>uc</u> uuugg <u>G</u> uau <u>cu</u> agcugu <u>au</u> g.....	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcuU <u>u</u> au <u>g</u>	1	1	s01
..... <u>uc</u> uuugguuau <u>C</u> agcugu <u>au</u> g.....	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> Cgcugu <u>au</u> g.....	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> aUcugu <u>au</u> g.....	3	1	s01
..... <u>uc</u> uuugguu <u>G</u> cuagcugu <u>au</u> g.....	1	1	s01
..... <u>uc</u> uuugguuau <u>cu</u> agcuguA <u>g</u>	2	1	s01

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gcucgagggguuggcuguuaucuuugguuuauucuaagcuguauagagugguguacauucucuaaaagcuagauaacgaaaguuacaagaaucccauuacgcucccgcgaggc			
.....ucuuugguuuauucuaagcuguAaug.....	9	1	s01
.....ucuuugguuuauucuaagcuguauug.....	510	0	s01
.....ucuuugguuuauucUgcuguauug.....	3	1	s01
.....Gcuuugguuuauucuaagcuguauug.....	1	1	s01
.....ucuuugguuuauucuaagcuguGug.....	1	1	s01
.....ucuuugguuuauucuaagcuguauA.....	5	1	s01
.....ucuuugguuuauAuaagcuguauug.....	2	1	s01
.....ucuuugguuuauucuaagcuguauug.....	1	1	s01
.....ucuuugguuuauucuaagcuguauug.....	1	1	s01
.....ucuuugguuuauucGgcuguauug.....	1	1	s01
.....uAuuugguuuauucuaagcuguauug.....	1	1	s01
.....ucuuugguuuauucuaagUuguauug.....	1	1	s01
.....ucuuuggAuaucuaagcuguauuga.....	2	1	s01
.....ucuuugguuuauucCgcuguauuga.....	1	1	s01
.....ucuuugguuuauucuaagcugAauga.....	17	1	s01
.....ucuuugAuuauucuaagcuguauuga.....	3	1	s01
.....ucuuugguuuauucUgcuguauuga.....	3	1	s01
.....ucuuugguuuauucCagcuguauuga.....	1	1	s01
.....ucuuugUuuauucuaagcuguauuga.....	3	1	s01
.....ucuuugguuuauucCcuagcuguauuga.....	1	1	s01
.....ucuuugguuuauAuaagcuguauuga.....	1	1	s01
.....ucuuugguuuauucuaagcuguGuga.....	2	1	s01
.....ucuuugguuuauucuaagcuguauAa.....	1	1	s01
.....ucuuugguuuGcuagcuguauuga.....	2	1	s01
.....uUuuugguuuauucuaagcuguauuga.....	2	1	s01
.....Acuuugguuuauucuaagcuguauuga.....	1	1	s01
.....ucuuugguuuauucuaagcuguauugU.....	121	1	s01
.....ucuuuggGuauucuaagcuguauuga.....	2	1	s01
.....ucuuugguuuauUuagcuguauuga.....	1	1	s01
.....ucuuugguuuauucuaagcuAuauga.....	1	1	s01
.....ucuuugCuuauucuaagcuguauuga.....	1	1	s01
.....ucuCugguuuauucuaagcuguauuga.....	2	1	s01
.....ucuuugguuuauucuaagcuguauugC.....	1	1	s01
.....ucuuugguuuauucuaagcuguauuga.....	665	0	s01
.....ucuuugguuuauucGagcuguauuga.....	1	1	s01
.....ucuuugguuuCucuagcuguauuga.....	1	1	s01
.....uAuuugguuuauucuaagcuguauuga.....	3	1	s01
.....ucuuugguuuauucuaagcuCuauga.....	1	1	s01
.....ucuuugguuuauucuaagcuguauugaU.....	23	1	s01
.....ucuuugguuuauucuaagcuguauugaA.....	3	1	s01
.....ucuuugguuuauucuaagcuguauugaUu.....	1	1	s01
.....ucuuugguuuauucuaagcuguauugaAu.....	2	1	s01
.....cuuugguuuauucuaagcuguauug.....	7	0	s01
.....cuuugguuuauucuaagcuguauuga.....	51	0	s01
.....cuuugguuuauucuaUcuguauuga.....	1	1	s01
.....cuuugguuuauucuaagcuguauugaU.....	3	1	s01
.....uuugguuuauucuaagcuguauuga.....	2	0	s01
.....auaaagcuagauaacgaaag.....	5	0	s01
.....auaaagcuagauaacgaaagA.....	1	1	s01
.....auaaagcuagauaacgaaagu.....	51	0	s01
.....auaaagcuagauaacgGaagu.....	1	1	s01
.....auaaagcuagauaacgaaGgu.....	1	1	s01
.....auaaagcuagauaacgaaagCa.....	1	1	s01
.....auaaagcuagauaacgaaagua.....	5	0	s01
.....auaaagcuagauaacgGaagua.....	1	1	s01
.....auaaagcuagauaacgaaaguU.....	2	1	s01
.....uaaagcuagauaacgaaUgu.....	1	1	s01
.....uaaagcuagauaacgaaagu.....	17	0	s01
.....uaaagcuagCuaaacgaaagu.....	1	1	s01
.....uaaagcuagauaacgaaagGa.....	1	1	s01
.....uaaagcuagauaacgaaagua.....	47	0	s01
.....uaaagcuagauaaccgaaUgua.....	1	1	s01
.....uaaagcuCauaacgaaagua.....	1	1	s01
.....uaaagcuagCuaaacgaaagua.....	6	1	s01
.....uaaagcuagauaacgaaaguaa.....	1	0	s01