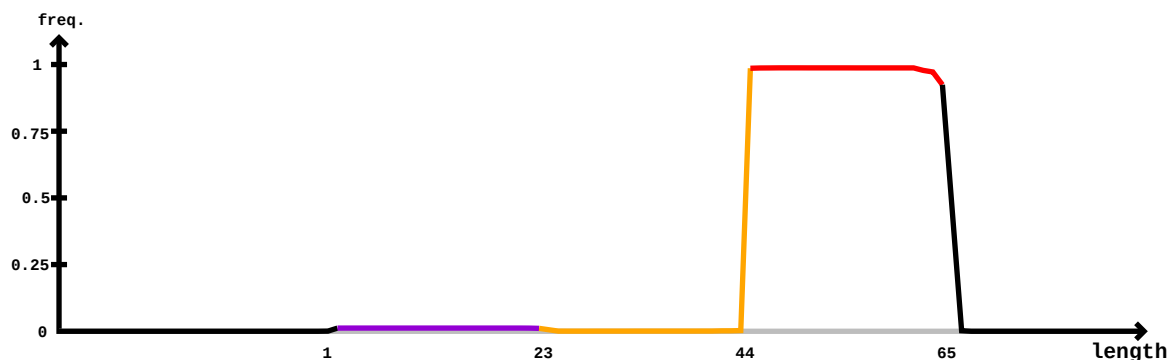




Mature

5'		-3'	obs		
			exp	sample	
uagugagcagccacuugcuaaaggcac	agagcuuagcuauuuggugagc	uugauc	ccucuuaguguuug	uucacaguggcuagguuacagugccugcggu	gaaauaguuga
uagugagcagccacuugcuaaaggcac	agagcuuagcuauuuggugagc	uugauc	ccucuuaguguuug	uucacaguggcuagguuacagugccugcggu	gaaauaguuga
.....((((...{.((...(((((((.....(((((((.....)))))))))))).)))))))))).)))))).))..))..))..)))).	reads	mm		sample	
.....cagagcuuagcuauuuggugag.....	3	0		s02	
.....cagagcuuagcuauuuggugag.....	3	0		s02	
.....cagagcuuagcuauuuggugagc.....	2	0		s02	
.....cagCgcuuagcuauuuggugagc.....	1	1		s02	
.....agagcuuagcuauuuggGg.....	1	1		s02	
.....agagcuuagcuauuuggugag.....	3	0		s02	
.....agagcuuUgcuauuuggugag.....	1	1		s02	
.....agagcuuagcuauuuggugag.....	15	0		s02	
.....agagcuuagcuauuuggugGg.....	1	1		s02	
.....agagcuuagcuauuuggugagc.....	139	0		s02	
.....agagcuuagcuauuugUugagc.....	1	1		s02	
.....agagcuuagcuauuUgugagc.....	1	1		s02	
.....agagcuuagcuauuuggGgagc.....	3	1		s02	
.....agaNcuuagcuauuuggugagc.....	1	1		s02	
.....agagcuuagcuauuuggugagc.....	1	1		s02	
.....agagcuuagcuauuuggGgagc.....	1	1		s02	
.....agagcuuagcuauuuggugagc.....	1	1		s02	
.....agaUcuuagcuauuuggugagc.....	2	1		s02	
.....agagcuuagcuauuuggugagA.....	1	1		s02	
.....agagcGuagcuauuuggugagc.....	1	1		s02	
.....agagcuuagcuauuuggGgagca.....	1	1		s02	
.....agagcuuagcuauuuggugagca.....	23	0		s02	
.....gagcuuagcuauuuggugagc.....	2	0		s02	
.....uuagcuauuuggugagca.....	1	0		s02	
.....uugauc	ccucuuaguguuug			s02	
.....ucccucuuaguguuucaca.....	1	0		s02	
.....ucuuuaguguuugucacagugg.....	1	0		s02	
.....ucuuuaguguuugucacaguggc.....	1	0		s02	
.....uuguucacaguggcuagguuc.....	3	0		s02	
.....uuguucacaguggcuagGuca.....	1	1		s02	
.....uuguucacaguggcuagguuca.....	13	0		s02	
.....uuquucacaguggcuagguucaU.....	1	1		s02	

Star

Mature

uagugagcagccacuugcuaaaggcacagagcuuagcuaauugggagcauugaucccucuuauguguuuuucacagggcuaaguucagugccugcggugaauaguga

.....uuguuacacaguggcu <u>aaguuc</u> agu.....	1	0	s02
.....uguuacacaguggcu <u>aaguuc</u> a.....	1	0	s02
.....guuacacaguggcu <u>aaguuc</u>	5	0	s02
.....guuacacaguggcu <u>aaguuc</u> Ugu.....	12	1	s02
.....Cuucacaguggcu <u>aaguuc</u> agu.....	5	1	s02
.....uucacaguggcuC <u>aguuc</u>	1	1	s02
.....uucacaguggU <u>aaguuc</u>	62	1	s02
.....uucacagAggcu <u>aaguuc</u>	1	1	s02
.....uucacaguggcu <u>aagGuc</u>	2	1	s02
.....uucacaguggcu <u>aagu</u> uA.....	3	1	s02
.....uucacaguggcu <u>aaguuc</u>	135	0	s02
.....uucacaguggcu <u>aagGuc</u> a.....	3	1	s02
.....uucacaguggcuC <u>aguuc</u> a.....	1	1	s02
.....uucacaUuggcu <u>aaguuc</u> a.....	1	1	s02
.....uucacaguggcu <u>aguGca</u>	1	1	s02
.....uucacaguggcu <u>aaguuc</u> a.....	103	0	s02
.....uucNcaguggcu <u>aaguuc</u> a.....	1	1	s02
.....uucacagGggcu <u>aaguuc</u> a.....	1	1	s02
.....uucacaguggcC <u>aaguuc</u> ag.....	1	1	s02
.....uucacGguggcu <u>aaguuc</u> ag.....	2	1	s02
.....uucacaguggcu <u>aaUu</u> ucag.....	1	1	s02
.....uucacaguggcu <u>aagu</u> uUag.....	1	1	s02
.....uucacagGggcu <u>aaguuc</u> ag.....	4	1	s02
.....uucacaguggcu <u>aaguGc</u> ag.....	1	1	s02
.....uucacaguggcu <u>aaAu</u> ucag.....	1	1	s02
.....uucacaguggcu <u>aaguCc</u> ag.....	1	1	s02
.....uucacaguggcu <u>aagu</u> uAag.....	1	1	s02
.....uucacaguggcu <u>aagAuc</u> ag.....	1	1	s02
.....uucacaguggcuG <u>aguuc</u> ag.....	1	1	s02
.....uucacaguggA <u>aguuc</u> ag.....	1	1	s02
.....uucacaUuggcu <u>aaguuc</u> ag.....	2	1	s02
.....uucacaguggcu <u>aaguucGg</u>	4	1	s02
.....Aucacaguggcu <u>aaguuc</u> ag.....	2	1	s02
.....uucacaguggcu <u>aagGuc</u> ag.....	13	1	s02
.....uucNcaguggcu <u>aaguuc</u> ag.....	5	1	s02
.....uucacaguggcu <u>aaguuc</u> ag.....	1025	0	s02
.....uucacaguggcuC <u>guuc</u> ag.....	1	1	s02
.....uucGcaguggcu <u>aaguuc</u> ag.....	1	1	s02
.....uucUcaguggcu <u>aaguuc</u> ag.....	1	1	s02
.....uucacaguggcu <u>aaCu</u> ucag.....	1	1	s02
.....uucacagAggcu <u>aaguuc</u> ag.....	7	1	s02
.....uucacUguggcu <u>aaguuc</u> agu.....	2	1	s02
.....uucacaguggcu <u>aagu</u> uGagu.....	5	1	s02
.....uucacaguggcu <u>aagGuc</u> agu.....	146	1	s02
.....uucacaguggcu <u>aaguuc</u> Ugu.....	159	1	s02
.....uucacaguggcu <u>aagu</u> uAagu.....	11	1	s02
.....uucacaguggcu <u>aaguGc</u> agu.....	8	1	s02
.....uucacaguggA <u>aguuc</u> agu.....	4	1	s02
.....uucAaguggcu <u>aaguuc</u> agu.....	2	1	s02
.....uucacaguggcuC <u>guuc</u> agu.....	3	1	s02
.....uucacaguggcu <u>aagu</u> uUagu.....	7	1	s02
.....uucacaguggcu <u>aaguuc</u> agu.....	18156	0	s02
.....uucacaguggcu <u>aagAuc</u> agu.....	10	1	s02
.....uucacagCggcu <u>aaguuc</u> agu.....	10	1	s02
.....uucacaCuggcu <u>aaguuc</u> agu.....	2	1	s02
.....uucacaguggcu <u>aaCu</u> ucag.....	20	1	s02
.....uucacaguggcu <u>aaguuc</u> aUu.....	7	1	s02
.....Gucacaguggcu <u>aaguuc</u> agu.....	3	1	s02
.....uucacaguggcu <u>aaguuc</u> agA.....	43	1	s02
.....uucacaUuggcu <u>aaguuc</u> agu.....	18	1	s02
.....uucacagugA <u>cuaaguuc</u> agu.....	13	1	s02
.....uucacaguCgc <u>uaaguuc</u> agu.....	2	1	s02
.....uucacaguggcuG <u>guuc</u> agu.....	4	1	s02
.....uucacaguggcuA <u>guuc</u> agu.....	10	1	s02
.....uucacaguggcu <u>aagCuc</u> agu.....	6	1	s02
.....uAcacaguggcu <u>aaguuc</u> agu.....	1	1	s02
.....uucacaguggG <u>uaaguuc</u> agu.....	3	1	s02
.....uucacagAggcu <u>aaguuc</u> agu.....	86	1	s02
.....uucacaguggcu <u>aaguuc</u> agC.....	104	1	s02
.....uucGcaguggcu <u>aaguuc</u> agu.....	7	1	s02

Star

Mature

uagugagcagccacuugcuaaaggcacagagcuuagcuaauuggugagcauugaucuccucuuauguguuguuacacaguggcuuagucagugccugcggugaaauaguuga			
.....uucacaguggcu6aguuacagu.....	18	1	s02
.....uucacaguAgcuaaguucagu.....	4	1	s02
.....uucacaguggcuuaguuacagu.....	1	1	s02
.....Aucacaguggcuuaguuacagu.....	6	1	s02
.....uuNacaguggcuuaguuacagu.....	1	1	s02
.....Cucacaguggcuuaguuacagu.....	5	1	s02
.....uucacaguggcuuAuuacagu.....	27	1	s02
.....uucacaAuggcuaaguucagu.....	5	1	s02
.....uucacaguggcuCaguucagu.....	18	1	s02
.....uucacaguggcuuUuuacagu.....	7	1	s02
.....uucCacaguggcuuaguuacagu.....	17	1	s02
.....uucacaguggUuuaguuacagu.....	1	1	s02
.....uucacag6ggcuuaguuacagu.....	52	1	s02
.....uuUacaguggcuuaguuacagu.....	4	1	s02
.....uucacGuggcuuaguuacagu.....	28	1	s02
.....uucacCguggcuuaguuacagu.....	7	1	s02
.....uCcacaguggcuuaguuacagu.....	8	1	s02
.....uucacagugCcuaaguucagu.....	1	1	s02
.....uucacaguggcuuaguuacagG.....	129	1	s02
.....uucacaguggcuuaguuuCgu.....	125	1	s02
.....uucacagugUcuuaguuacagu.....	1	1	s02
.....uucacaguggcuuaguuCgu.....	75	1	s02
.....uucacaguggcCaaguucagu.....	7	1	s02
.....uucacaguggcuuaguuCcagu.....	1	1	s02
.....uuAacaguggcuuaguuacagu.....	2	1	s02
.....uucacaguggcuUaguucagu.....	3	1	s02
.....uucNcaguggcuuaguuacagu.....	48	1	s02
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.....uucalUaguggcuuaguuacagu.....	5	1	s02
.....uucacaguUgcuuaguuacagu.....	7	1	s02
.....uucUcaguggcuuaguuacagu.....	4	1	s02
.....uucacaguggcuuaguucaAu.....	11	1	s02
.....uucacaguggcuuagGucagug.....	3	1	s02
.....uucacagAggcuaaguucagug.....	3	1	s02
.....uucacaguggcuuaguuCugug.....	1	1	s02
.....uucacaguggcuuUguucagug.....	1	1	s02
.....uucacaguggcuuaguuacagGg.....	4	1	s02
.....uucacaguggcuuaguuacagAg.....	3	1	s02
.....uucacag6ggcuuaguuacagug.....	1	1	s02
.....uucacaguggcuuaguuCgug.....	6	1	s02
.....uucacaguggcuuaguuacagug.....	174	0	s02
.....uucacagCggcuuaguuacagug.....	2	1	s02
.....uucacaAuggcuaaguucagug.....	1	1	s02
.....uucacaguggcuuaguuacaguA.....	199	1	s02
.....uucacaguggcuuaguuCgug.....	2	1	s02
.....uucacaguggcuuaguuacaguC.....	3	1	s02
.....uucacaguggcuuaguuacaguU.....	807	1	s02
.....uucacGguggcuuaguuacagug.....	1	1	s02
.....uucacaguggcuuaguuacagCg.....	1	1	s02
.....uucacaguggcuuaguuacagugA.....	25	1	s02
.....uucacaguggcuuaguuacagugU.....	10	1	s02
.....uucacaguggcuuaguuacaguAc.....	2	1	s02
.....ucacaguggcuuaguuCugu.....	1	1	s02
.....ucacaguggcuuaguuacagu.....	12	0	s02
.....ucacaguggcuuaguuacagGg.....	1	1	s02
.....ucacaguggcuuaguuUagug.....	2	1	s02
.....cacag6ggcuuaguuacagu.....	1	1	s02
.....cacaguggcuuaguuacagu.....	2	0	s02
.....acaguggcuuaguuacagu.....	8	0	s02
.....cagagcuuagcuaauugguga.....	1	0	s01
.....cagagcuuagcuaauuggugag.....	2	0	s01
.....cagagcuuagcuaauuggugagc.....	6	0	s01
.....cagagcuuagcuaauuggugCgc.....	1	1	s01
.....cagagcuuagcuaauuggugagca.....	1	0	s01
.....agagcuuagcu6auuggugag.....	1	1	s01
.....agagcuuagcuaauuggugaC.....	1	1	s01
.....agagcuuagcuaauuggGgag.....	1	1	s01
.....agagcuuagcuaauuggugag.....	13	0	s01
.....agagcuuagcuaauuggAgag.....	1	1	s01

Star

Mature

uagugagcagccacuugcuaaaggcacagagcuuagcuaauuggugagcauugaucuccucuuauguguuguuacacaguggcuaaguucagugccugcggugaaauguuga			
.....agagcuuagcuaauuggugCgc.....	1	1	s01
.....agagcuuagcuaauuggCgagc.....	3	1	s01
.....agagcuuagcuaauuggugagU.....	1	1	s01
.....agagcuuagcuaauuUgugagc.....	1	1	s01
.....agagcuuagcuaauugAugagc.....	2	1	s01
.....agagcAuagcuaauuggugagc.....	1	1	s01
.....agagcuuagcuaauuggugagc.....	216	0	s01
.....agagcuuagcuaauuggugGgc.....	2	1	s01
.....agagcuuagGuaauuggugagc.....	1	1	s01
.....agagcuuagcuaauuUgugagc.....	1	1	s01
.....agagcuuagcuaauuggGgagc.....	8	1	s01
.....agagcuuagcuaauuggugagca.....	42	0	s01
.....agagcuuagcuaauuggGgagca.....	4	1	s01
.....agagcuuagcuaauuggAgagca.....	2	1	s01
.....agagcuuagcuaauuggugagcaA.....	2	1	s01
.....uugaucuccucuuauguguug.....	10	0	s01
.....uugauccUucuuauuguguug.....	1	1	s01
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.....ucuuauuguguuguuacacaguggc.....	5	0	s01
.....uguuguuacacaguggcuaaguuc.....	1	0	s01
.....uguuacacaguggcuaaguuc.....	3	0	s01
.....uguuacacaguggcuaaguuca.....	14	0	s01
.....uguuacacaguggcuaagAuca.....	1	1	s01
.....uguuacacaguggcuaaguuca.....	5	0	s01
.....guuacacaguggcuaaguuc.....	1	0	s01
.....guuacacaguggcuaaguucGg.....	1	1	s01
.....Cuucacaguggcuaaguucag.....	2	1	s01
.....guuacacaguggcuaaguucUgu.....	3	1	s01
.....Cuucacaguggcuaaguucagu.....	9	1	s01
.....uucacaguggAuagguuc.....	1	1	s01
.....uucNcaguggcuaaguuc.....	1	1	s01
.....uucacaguggUuaaguuc.....	42	1	s01
.....uucacaguggcuaagGuc.....	3	1	s01
.....uucacaguggcuaaguuc.....	141	0	s01
.....uucacaguggcuaaguuU.....	1	1	s01
.....uucacaguggcuaaguuA.....	1	1	s01
.....uGcacaguggcuaaguuca.....	1	1	s01
.....uucacaguggUuaaguuca.....	2	1	s01
.....uucGcacaguggcuaaguuca.....	1	1	s01
.....uucacagAggcuaaguuca.....	1	1	s01
.....uucacaguggcuaaguuca.....	107	0	s01
.....uucacaguggcuaagGuca.....	1	1	s01
.....uucacUguggcuaaguuca.....	1	1	s01
.....uucacaguggcuaaguucac.....	1	1	s01
.....uucacagAggcuaaguucag.....	2	1	s01
.....uucacaguggcuaaCuucag.....	2	1	s01
.....uucCcacaguggcuaaguucag.....	1	1	s01
.....uucaAaguggcuaaguucag.....	1	1	s01
.....uucacaguggcuaaguuuGag.....	1	1	s01
.....uucacaguggcuaaguuuAag.....	2	1	s01
.....uucUcacaguggcuaaguucag.....	1	1	s01
.....uucacaguggcuaaguuuUag.....	1	1	s01
.....uucacaguggcuaGguucag.....	1	1	s01
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.....uucNcaguggcuaaguucag.....	1	1	s01
.....uucacagGggcuaaguucag.....	7	1	s01
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.....uucGcacaguggcuaaguucag.....	1	1	s01
.....uucacGguggcuaaguucag.....	2	1	s01
.....Cucacaguggcuaaguucag.....	1	1	s01
.....uucacaguggcuGaguucag.....	1	1	s01
.....uucacaguggGuaaguucag.....	1	1	s01
.....uucacaguggcuaaAuucag.....	5	1	s01
.....uucacaguggcGaaguucag.....	1	1	s01
.....uucacaguggUuaaguucag.....	1	1	s01
.....uucacaguggcuaaguucGg.....	4	1	s01
.....uucacaguggcuaaguucag.....	962	0	s01
.....uucacaguggcuaaguucaA.....	1	1	s01
.....uucacaguggcuaagGucag.....	10	1	s01

Star

Mature

uagugagcagccacuugcuaaaggcacagagcuuagcuaauugggagcauugaucuccucuuauguguuguuacacaguggcuaaguucagugccugcggugaaauguuga

.....uucAUaguggcuaaguucag.....	1	1	s01
.....uucacaguCgcuaaguucag.....	3	1	s01
.....uucacaguggcuCaguucag.....	3	1	s01
.....uucacaguggcuaaguucCgu.....	90	1	s01
.....uucacaAuggcuaaguucag.....	6	1	s01
.....uucacagCggcuaaguucag.....	8	1	s01
.....uuAacaguggcuaaguucag.....	1	1	s01
.....uucacaguggcuaaCuucag.....	16	1	s01
.....uucacaguggcuaaguUaagu.....	17	1	s01
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.....uucGcaguggcuaaguucag.....	11	1	s01
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.....uucacaUuggcuaaguucag.....	8	1	s01
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.....uucacaguggcuaaguucGgu.....	85	1	s01
.....uucacaguggcuaaguucaAu.....	5	1	s01
.....uucacaguAgcuaguucag.....	7	1	s01
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.....uucacaguggcuagGuucag.....	4	1	s01
.....uucacaguggcuaaguUaagu.....	8	1	s01
.....uucNcaguggcuaaguucag.....	2	1	s01
.....uucacaguggcuGaguucag.....	12	1	s01
.....uucacagugAcuaaguucag.....	3	1	s01
.....uucAUaguggcuaaguucag.....	5	1	s01
.....uucUcaguggcuaaguucag.....	4	1	s01
.....uucacaguggcuaaAuucag.....	44	1	s01
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.....uucacaguggcuacGuucag.....	3	1	s01
.....uucacaguggcuaaguucagC.....	74	1	s01
.....Nucacaguggcuaaguucag.....	1	1	s01
.....uucacaguggcuaaguucaUu.....	8	1	s01
.....uucacaguggcuaaguucagA.....	60	1	s01
.....uCcacaguggcuaaguucag.....	6	1	s01
.....uuNacaguggcuaaguucag.....	2	1	s01
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.....uucacaguUgcuaaguucag.....	6	1	s01
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.....uucacaguggcCaaguucag.....	5	1	s01
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.....uucacaguggcuaagCucagu.....	3	1	s01
.....uucacaguggGuaaguucag.....	6	1	s01
.....uucacGguggcuaaguucag.....	19	1	s01
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.....Gucacaguggcuaaguucag.....	4	1	s01
.....uucacaguggcuUguucag.....	7	1	s01
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.....uucacaguggcuaagAucagu.....	11	1	s01
.....uucacaguggcuaagGucagu.....	155	1	s01
.....uAcacaguggcuaaguucag.....	2	1	s01
.....Cucacaguggcuaaguucag.....	4	1	s01
.....uucacUguggcuaaguucag.....	2	1	s01
.....uucacCguggcuaaguucag.....	2	1	s01
.....uucacaguggcAaaguucag.....	2	1	s01
.....uucCcaguggcuaaguucag.....	11	1	s01
.....uucacaguggcuaaguGcagu.....	1	1	s01
.....uucacaguggcuaaguucGgug.....	14	1	s01
.....uucacagAggcuaaguucagug.....	1	1	s01
.....uucacaguggcuaaguucaguC.....	2	1	s01
.....uucacaguggcuaaguucaguU.....	816	1	s01
.....uucCcaguggcuaaguucagug.....	1	1	s01
.....uucacaguggcuaaguucagCg.....	1	1	s01
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.....uucacaguggcuaaguucagug.....	199	0	s01
.....uucacaguggcuaaguucagGg.....	8	1	s01
.....uucacaguggcuaagGucagug.....	2	1	s01

Star

Mature

uagugagcagccacuugcuaaaggcacagagcuuagcuaauugggagc <u>auuga</u> uccucuauguguu <u>uucacaguggcuaaguucagu</u> gccugcggugaaauaguuga			
.....uucacaguggcuaaguucaguA.....	204	1	s01
.....uucacaguggcuaaguucUgug.....	1	1	s01
.....uucacaguggcuaaguucagAg.....	1	1	s01
.....uucacaguggcuaaguucagugA.....	22	1	s01
.....uucacaguggcuaaguucagugc.....	1	0	s01
.....uucacaguggcuaaguucagugU.....	22	1	s01
.....uUacaguggcuaaguucagu.....	1	1	s01
.....ucacaguggcuaaguUAgug.....	1	1	s01
.....ucacaguggcuaaguucUgu.....	1	1	s01
.....Acacaguggcuaaguucagu.....	1	1	s01
.....ucacaguggcuaaguucaUu.....	1	1	s01
.....ucacaguggcuaaguucagu.....	21	0	s01
.....ucacaguggcuaaguucGgu.....	1	1	s01
.....ucacaguggcuaaguucagug.....	1	0	s01
.....ucacaguggcuaaguucaguU.....	2	1	s01
.....cacaguggcuaaguucagu.....	5	0	s01
.....acaguggcuaaguucagu.....	3	0	s01
.....acaguggcuaaguUAgug.....	1	1	s01
.....acaguggcGaaguucagu.....	1	1	s01