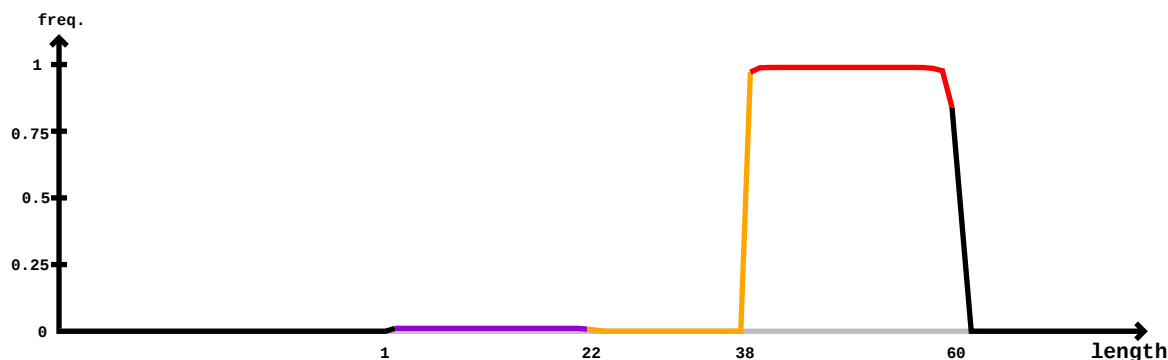




Mature

5' -	-3'	obs	
		exp	sample
cuucaguccuagcuccauggccuguugauuggc <u>gucuuaccagacaugguuaga</u> ucuaauuuaucccugucuaaaucugucugguaaugccguccauugaauaggcauuaccu			
cuucaguccuagcuccauggccuguugauuggc <u>gucuuaccagacaugguuaga</u> ucuaauuuaucccugucuaaaucugucugguaaugccguccauugaauaggcauuaccu			
.....(((.-(.(((.(((((((((((.(((((((.....)))))))).))))))))).).....	reads	mm	sample
.....gucuuaccagacaugguuag.....	43	0	s02
.....gucuuacAagacaugguuag.....	1	1	s02
.....gAuuaccagacaugguuaga.....	2	1	s02
.....gucuuaccagacaugguuagC.....	1	1	s02
.....Uucuuaccagacaugguuaga.....	1	1	s02
.....gucuuaccagacaugguuaga.....	136	0	s02
.....gucuuaccagacaugguuagU.....	1	1	s02
.....gucuuaccagCcaugguuaga.....	2	1	s02
.....cuauuacugucugguaaugccg.....	5	0	s02
.....cuauuacugucugggaaugccgu.....	1	1	s02
.....cuauuacugucugguaaugccgu.....	6	0	s02
.....uauuacugucugguaaug.....	5	0	s02
.....uaaNacugucugguaaugc.....	1	1	s02
.....uauuacugucugggCaaugc.....	2	1	s02
.....uaCuacugucugguaaugc.....	1	1	s02
.....uaauaAugucugguaaugc.....	1	1	s02
.....uauuacugucugguaaugG.....	1	1	s02
.....uauuacugucugguaaugU.....	1	1	s02
.....uauuacugucugguaaugc.....	46	0	s02
.....uauuacugucugguaaugA.....	2	1	s02
.....uauuacugucugguaaugcc.....	149	0	s02
.....uauuacugucugguaaAgcc.....	1	1	s02
.....uauuacugucugguaaGgcc.....	2	1	s02
.....uauuacugucCgguaugcc.....	1	1	s02
.....uauuacugucugguaaugcA.....	3	1	s02
.....uauuacugucugggGaaugcc.....	5	1	s02
.....uauuacugucAgguaaugcc.....	1	1	s02
.....uauuacugucugguaaugUc.....	1	1	s02
.....uaaGacugucugguaaugccg.....	1	1	s02
.....uauuCcugucugguaaugccg.....	4	1	s02
.....Caauacugucugguaaugccg.....	1	1	s02
.....uauuacugucugguaaugcca.....	31	1	s02
.....uauuacugucugguaaugccg.....	2298	0	s02

Star

Mature

cuucaguccuagcuccauggccugugauuggcgucuuaccagacugguuagauuuuuaucccgucuaauacugucugguaauggccguccauugauggcgaauaccu

.....uauacugucCgguaaugccg.....	1	1	s02
.....uaauacugucuAguaaugccg.....	1	1	s02
.....uaCuacugucugguaauggccg.....	3	1	s02
.....uauacugucuggGaaugccg.....	37	1	s02
.....uaauacugucugguaauggccC.....	16	1	s02
.....uauacugucuggAaaugccg.....	5	1	s02
.....uauacugGcugguaaugccg.....	1	1	s02
.....uaauacuguGugguaauggccg.....	2	1	s02
.....uaauaGugucugguaauggccg.....	2	1	s02
.....uaauacugucugguaaugcAg.....	2	1	s02
.....uaauacugucugguaaAgccg.....	6	1	s02
.....uaauacuUucugguaauggccg.....	1	1	s02
.....uCaauacugucugguaaugccg.....	1	1	s02
.....uaauacugucugguaauUccg.....	3	1	s02
.....uaauacugucugguaauggcGg.....	1	1	s02
.....uaauacugucugguaaGgccg.....	7	1	s02
.....uaauacugucugguaUugccg.....	2	1	s02
.....uaauacugucugguaaugcUg.....	1	1	s02
.....uaaCacugucugguaaugccg.....	4	1	s02
.....uaauacugucugguaauAccg.....	2	1	s02
.....uaauacugucugguaauggccg.....	2	1	s02
.....uaauacugucugAuaugccg.....	1	1	s02
.....uaauacugCcugguaaugccg.....	2	1	s02
.....uaauacugucuggCaaugccg.....	1	1	s02
.....uaauacugucugguaaugUcg.....	1	1	s02
.....uaauacugucugguaaugAcg.....	1	1	s02
.....uaauacugucugguaauCcgg.....	8	1	s02
.....uaauacuAucugguaauggccg.....	4	1	s02
.....uaauacugucugguCaugccg.....	8	1	s02
.....uaauacugucugguaaugGcg.....	6	1	s02
.....uaauacugucugguaaugccU.....	2	1	s02
.....uaaNacugucugguaauggccg.....	4	1	s02
.....uaauacugucugguUaugccg.....	2	1	s02
.....Gaauacugucugguaaugccg.....	1	1	s02
.....uaGuacugucugguaauggccg.....	1	1	s02
.....uaauacugucugguaaugccUu.....	5	1	s02
.....uaauacugucugguaaGgccgu.....	24	1	s02
.....Gaauacugucugguaauggccgu.....	2	1	s02
.....uaauacugucuggCaaugccgu.....	7	1	s02
.....uaauacugGcugguaauggccgu.....	13	1	s02
.....uaauacugucugguaauUccgu.....	33	1	s02
.....uaauacugucugguaaugcGgu.....	23	1	s02
.....uaauCcugucugguaauggccgu.....	28	1	s02
.....uaauacugucAgguaauggccgu.....	1	1	s02
.....uaauacugucugguaauggcAgu.....	10	1	s02
.....uaauacugucugguaCugccgu.....	4	1	s02
.....uaauacugucGgguaauggccgu.....	3	1	s02
.....uaauacugucuggGaaugccgu.....	147	1	s02
.....uaauacugucugguaauAccgu.....	7	1	s02
.....Aaaucugucugguaauggccgu.....	5	1	s02
.....uaauacugCcugguaauggccgu.....	7	1	s02
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.....uaauacuUucugguaauggccgu.....	9	1	s02
.....uaauacugucugguaaCgccgu.....	4	1	s02
.....uaauacugAcugguaauggccgu.....	7	1	s02
.....uaauacugucugUuaauggccgu.....	1	1	s02
.....Caauacugucugguaauggccgu.....	3	1	s02
.....uaauacugucugguaauggccgu.....	13894	0	s02
.....uaauacugucugguCaugccgu.....	24	1	s02
.....uaauacuguAugguaauggccgu.....	11	1	s02
.....uaauaUugucugguaauggccgu.....	4	1	s02
.....uaauacugucugguaaugcUgu.....	7	1	s02
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.....uaaCacugucugguaauggccgu.....	4	1	s02
.....uUauacugucugguaauggccgu.....	8	1	s02
.....uaauacugucugguaaugUcgu.....	23	1	s02
.....uaauacuAucugguaauggccgu.....	10	1	s02
.....uaauacugucuAguaauggccgu.....	3	1	s02
.....uaauacCgucugguaauggccgu.....	3	1	s02
.....uaauGcugucugguaauggccgu.....	8	1	s02

Star

Mature

cuucaguccuagcuccauggccguugauuggcguuuaccagacauaggguuagauccuauuuaucccgucuaauacugucugguaa	augccguc	ccauugauggc	cauuaccu		
.....uauacugucugguaa	Cccgu	.....	32	1	s02
.....uaauacugucCgguaa	augccgu	.....	14	1	s02
.....uaauacugucugguaa	augccgA	.....	54	1	s02
.....uauacugucugguaa	augAcgu	.....	9	1	s02
.....uaauacugucugguaa	augccg6	.....	122	1	s02
.....uaauacugucugAuaa	augccgu	.....	1	1	s02
.....uaauacugucugguaa	augccCu	.....	43	1	s02
.....uaCuacugucugguaa	augccgu	.....	16	1	s02
.....uaauacugucuggAaa	augccgu	.....	12	1	s02
.....uaauacuguGugguaa	augccgu	.....	9	1	s02
.....uaGuacugucugguaa	augccgu	.....	6	1	s02
.....uaauacugucugguaa	augccAu	.....	7	1	s02
.....uaauacugucugguGa	ugccgu	.....	4	1	s02
.....uaauacugucuCguaa	ugccgu	.....	2	1	s02
.....uaauacugucugguUa	ugccgu	.....	1	1	s02
.....uaUuacugucugguaa	ugccgu	.....	7	1	s02
.....uCauacugucugguaa	ugccgu	.....	7	1	s02
.....uaauacugucugguaU	ugccgu	.....	6	1	s02
.....uaauaGugucugguaa	ugccgu	.....	4	1	s02
.....uaauacugucugguaG	ugccgu	.....	1	1	s02
.....uaauacugucugguaa	Agccgu	.....	58	1	s02
.....uaauacugucugguaa	ugccgC	.....	21	1	s02
.....uaauUcugucugguaa	ugccgu	.....	3	1	s02
.....uaauacuguUugguaa	ugccgu	.....	2	1	s02
.....uNauacugucugguaa	ugccgu	.....	1	1	s02
.....uaaNacugucugguaa	ugccgu	.....	32	1	s02
.....uaauacugucuUguaa	ugccgu	.....	1	1	s02
.....uUauacugucugguaa	ugccguc	.....	1	1	s02
.....uaauacugCcugguaa	ugccguc	.....	1	1	s02
.....uaauacugucugguaa	ugccguU	.....	284	1	s02
.....uaauacugucuggGaa	ugccguc	.....	1	1	s02
.....uaauacugucugguaa	ugccguA	.....	176	1	s02
.....uaauacugucugguaa	ugccguc	.....	21	0	s02
.....uaauacuUucugguaa	ugccguc	.....	1	1	s02
.....uaauacugucugguaa	ugccgu6	.....	5	1	s02
.....uaauacugucugguaa	ugccgucU	.....	2	1	s02
.....aaucugucugguaa	ugccg	.....	6	0	s02
.....aaucugucugguaa	Uccgu	.....	1	1	s02
.....aaucugucugguaa	ugccgu	.....	150	0	s02
.....aaucugucuggGaa	ugccgu	.....	28	1	s02
.....aaucugucugguaa	ugccg6	.....	1	1	s02
.....aaUGcugucugguaa	ugccgu	.....	1	1	s02
.....aaucugucugguaa	ugccgC	.....	2	1	s02
.....aaucuguUugguaa	ugccgu	.....	1	1	s02
.....aaucugucugguaa	ugccguU	.....	121	1	s02
.....aaucugucuggGaa	ugccguc	.....	1	1	s02
.....aaucugucugguaa	ugccguc	.....	7	0	s02
.....aaucugucugguaa	ugccguA	.....	14	1	s02
.....aaucugucugguaa	ugccgucc	.....	3	0	s02
.....auacugucugguaa	ugccgu	.....	3	0	s02
.....auacugucugguaa	ugccguU	.....	12	1	s02
.....auacugucugguaa	ugccguA	.....	2	1	s02
.....uacugucugguaa	ugccgu	.....	1	0	s02
.....acugucugguaa	ugccgu	.....	3	0	s02
.....gucuuaccagacauaggguuag		.....	30	0	s01
.....g6cuuaccagacauaggguuag		.....	1	1	s01
.....gucuuaccagacauaggguuaga		.....	78	0	s01
.....cuauuuaucccgucuaauacu			1	0	s01
.....Auaauacugucugguaa	ugccg		1	1	s01
.....cuaauacugucugguaa	ugccg		5	0	s01
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.....uaauacugucugguaa	ug		5	0	s01
.....uaauacugucugguaa	Ag		1	1	s01
.....uaauacugucuggAaa	ugc		1	1	s01
.....uaauacugucugguaa	ugc	.....	27	0	s01
.....uaauacugucCgguaa	ugc	.....	1	1	s01
.....uaauacugucugguaa	ugU	.....	1	1	s01
.....uaauacugucugguaa	ugA	.....	1	1	s01
.....uaauacugucugguaa	Agcc	.....	1	1	s01

Star

Mature

cuucaguccuagcuccauggccugugauuggcgucuuaccagacugguuagauuuuuaucccgucuaauacugucugguaauggccgucgauugauggcgaauaccu			
.....uauacugucugguaauggcc.....	64	0	s01
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.....uaauacugucugguaaauGcA.....	3	1	s01
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.....Caauacugucugguaauggcc.....	1	1	s01
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.....uUauacugucugguaauggccg.....	1	1	s01
.....uaauacugucugguaauCccg.....	4	1	s01
.....uaauacugucugguaauggccC.....	4	1	s01
.....uaauCcugucugguaauggccg.....	1	1	s01
.....uaauacugucugguaauUccg.....	7	1	s01
.....uaauacugucugguaCuggccg.....	1	1	s01
.....uaCuacugucugguaauggccg.....	1	1	s01
.....uaauacugucugguaauGcA.....	1	1	s01
.....uaauacugucugguaauggcGg.....	1	1	s01
.....Gaauacugucugguaauggccg.....	1	1	s01
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.....uaauacugGugguaauggccg.....	1	1	s01
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.....uaauacugucCgguaauggccg.....	1	1	s01
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.....uaauacugucuggAaauggccg.....	5	1	s01
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.....uaauacugucugguaauggccCu.....	36	1	s01
.....uaaNacugucugguaauggccgu.....	4	1	s01
.....uaauacugucugguaaAgccgu.....	29	1	s01
.....uaauacugucugguaaCccgu.....	14	1	s01
.....uaauacugucugguaaCgccgu.....	2	1	s01
.....uaauaGugucugguaauggccgu.....	1	1	s01
.....uaauacuguaGugguaauggccgu.....	7	1	s01
.....uaauacugAcugguaauggccgu.....	1	1	s01
.....uaauacugucuggAaauggccgu.....	22	1	s01
.....uaauacugucugguaauggccgu.....	6279	0	s01
.....uaauacugucugguaGuggccgu.....	1	1	s01
.....uaauacugucugguaUuggccgu.....	3	1	s01
.....uaauacugucugguaauggccUu.....	6	1	s01
.....uaauacuguaAugguaauggccgu.....	1	1	s01
.....uaauacugucugguGaugccgu.....	8	1	s01
.....uaauacCgucugguaauggccgu.....	1	1	s01
.....uaaGacugucugguaauggccgu.....	1	1	s01
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.....uaauacugucuggCaauggccgu.....	9	1	s01
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.....uaauacugucugguaauUccgu.....	12	1	s01
.....uaauacugucugguaauggAcgu.....	3	1	s01
.....uaauacugucuAguuaauggccgu.....	2	1	s01
.....uaauacugucugguCauggccgu.....	9	1	s01
.....uaauacugucugCuuaauggccgu.....	1	1	s01
.....uaauacuguaUugguaauggccgu.....	1	1	s01
.....uaaCacugucugguaauggccgu.....	1	1	s01
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.....uaauacugucuggGaauggccgu.....	141	1	s01
.....uaauacugCcugguaauggccgu.....	4	1	s01
.....uaauacugucCgguaauggccgu.....	3	1	s01
.....uaauacugucugguaauggcAgu.....	5	1	s01

Star

Mature

cuucaguccuagcuccauggccugugauuggc	gucuuaccagacuggguagau	cuauuuuaucccguc	uaauacugucugguaaugccgu	ccauugaauggc	cauuaccu
.....	uaauacugucugguaaugUcgu	.....	2	1	s01
.....	uUauacugucugguaaugccgu	.....	4	1	s01
.....	Gaaucugucugguaaugccgu	.....	2	1	s01
.....	uaNuacugucugguaaugccgu	.....	2	1	s01
.....	uaUuacugucugguaaugccgu	.....	3	1	s01
.....	uaauacugucugguaaugccgC	.....	11	1	s01
.....	uCauacugucugguaaugccgu	.....	2	1	s01
.....	uaauacugucugAuaaugccgu	.....	1	1	s01
.....	uGauacugucugguaaugccgu	.....	6	1	s01
.....	uaauacugucugguaaugccgG	.....	55	1	s01
.....	uaauGcugucugguaaugccgu	.....	3	1	s01
.....	uaauacuUucugguaaugccgu	.....	3	1	s01
.....	uaauacuAucugguaaugccgu	.....	4	1	s01
.....	uaauUcugucugguaaugccgu	.....	2	1	s01
.....	uaCuacugucugguaaugccgu	.....	10	1	s01
.....	uaauacugucugguaaugcUgu	.....	5	1	s01
.....	uaauCcugucugguaaugccgu	.....	8	1	s01
.....	Caauacugucugguaaugccgu	.....	1	1	s01
.....	uaauacugucuCguaugccgu	.....	4	1	s01
.....	uaauacugucugguaauAccgu	.....	5	1	s01
.....	uaauacugucugguaaugcGgu	.....	4	1	s01
.....	uaauaUugucugguaaugccgu	.....	1	1	s01
.....	uaauacuUucugguaaugccguc	.....	1	1	s01
.....	uaauacugucugguaaugccguU	.....	143	1	s01
.....	uaauacugucugguaaugccguA	.....	105	1	s01
.....	uaauacugucugguaaugccguc	.....	16	0	s01
.....	uaauacugucuggGaaugccguc	.....	1	1	s01
.....	aaucugucuggGaaugccg	.....	4	1	s01
.....	aaucugucugguaaugccg	.....	4	0	s01
.....	aaucGgucugguaaugccgu		1	1	s01
.....	aaucugucugguaaugccgG		1	1	s01
.....	aaucugucuggGaaugccgu		9	1	s01
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.....	auacugucugguaaugccg		4	0	s01
.....	auacugucuggGaaugccg		1	1	s01
.....	auacugucugguaaugccgu		1	0	s01
.....	auacugucugguaaugccguU	.....	7	1	s01
.....	uacugucugguaaugccgu	.....	1	0	s01
.....	acugucugguaaugccgu	.....	1	0	s01