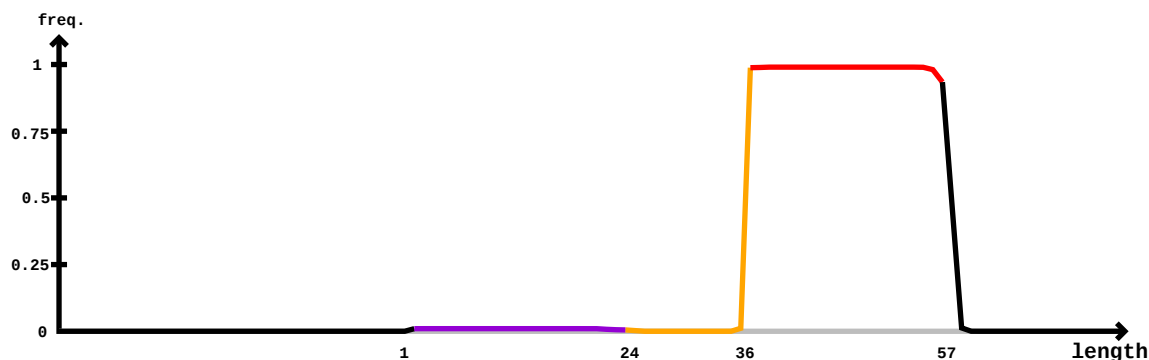




Mature

5'-	-3'	obs	
		exp	
uuggccuccaugguaaaaccagaggcucaggaua	reads	mm	sample
cggggccggggcacugucugagagggccuau	1	1	s02
ggaucacagugaacccgggucuuuuccagccc	1	1	s02
cucacugaaucacagugaacccgggucuuu	43	0	s02
uccagcccucacucuca	1	1	s02
..(((((((..(((.....))))))))....	2	1	s02
(((((.....))))))))....	2	1	s02
(((((.....))))))))....	16	1	s02
(((((.....))))))))....	18	0	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	8	1	s02
(((((.....))))))))....	9	0	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	62	0	s02
(((((.....))))))))....	43	1	s02
(((((.....))))))))....	2	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	1	0	s02
(((((.....))))))))....	3	0	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	7	0	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	29	0	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	3	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	3	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	190	0	s02
(((((.....))))))))....	6	1	s02
(((((.....))))))))....	1	1	s02
(((((.....))))))))....	2	1	s02

Star

Mature

uuggccuccauggguaaaaccagaggcucaggauacggggccggggcacugucugagaggccuagauucucacagugaaccggucucuuccagccccucacucuca

.....cucacagugaaccgCucucuuu.....	1	1	s02
.....cucacaUgaaccggucucuuu.....	1	1	s02
.....cucacagugaaccggGcucuuu.....	1	1	s02
.....cucacagugaaccggucucuuuA.....	3	1	s02
.....cucacagugaaccggucucuuu.....	12	0	s02
.....cucacagugaaccggucucuuuU.....	8	1	s02
.....ucacagugaaccggucuc.....	12	0	s02
.....ucacagugaaccggCcuc.....	1	1	s02
.....Gcacagugaaccggucucu.....	1	1	s02
.....ucCcacagugaaccggucucu.....	2	1	s02
.....ucacagugaaccggAcucu.....	1	1	s02
.....ucacagugaaccggucuGu.....	1	1	s02
.....ucacagugaaccggucuAu.....	1	1	s02
.....ucacagugaCccggucucu.....	1	1	s02
.....ucacagugaaccggucucA.....	1	1	s02
.....ucacagugaaccggCcucu.....	2	1	s02
.....ucacagugaaccggGcucu.....	4	1	s02
.....ucacagCgaaccggucucu.....	1	1	s02
.....ucacagugaaccggucucu.....	160	0	s02
.....ucCcacagugaaccggucucu.....	3	1	s02
.....ucacaguCaaccggucucu.....	1	1	s02
.....ucacagugGaccggucucu.....	3	1	s02
.....ucUcacagugaaccggucucu.....	1	1	s02
.....ucacagugaacAggucucu.....	2	1	s02
.....ucGcacagugaaccggucucu.....	1	1	s02
.....ucaAagugaaccggucucu.....	2	1	s02
.....ucacagugaaccggGcucu.....	9	1	s02
.....uAacagugaaccggucucu.....	1	1	s02
.....ucacaguUaaccggucucu.....	3	1	s02
.....ucacagugaaccggCcucu.....	11	1	s02
.....ucacagugaaccggucucu.....	938	0	s02
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.....Gcacagugaaccggucucu.....	2	1	s02
.....ucacagugUaccggucucu.....	5	1	s02
.....ucacagugaaccgUucucu.....	1	1	s02
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.....ucacagugaaccggUucucu.....	2	1	s02
.....ucacagugaaccggUucucu.....	2	1	s02
.....Ccacagugaaccggucucu.....	1	1	s02
.....ucacagAgaaccggucucu.....	2	1	s02
.....ucacagugCaccggucucu.....	3	1	s02
.....ucacagugaacUggucucu.....	1	1	s02
.....ucacCgugaaccggucucu.....	2	1	s02
.....ucacagugaGccggucucu.....	3	1	s02
.....ucacagugaGccggucucu.....	21	1	s02
.....uUacagugaaccggucucu.....	14	1	s02
.....ucacagugaaccggucucGu.....	1	1	s02
.....ucacUgugaaccggucucu.....	8	1	s02
.....ucaGagugaaccggucucu.....	5	1	s02
.....ucacagugaaccAgucucu.....	6	1	s02
.....ucacagugaaccggucCcu.....	7	1	s02
.....ucacagugaaccggucAu.....	18	1	s02
.....ucacaUgaaccggucucu.....	3	1	s02
.....ucacaUgaaccggucucu.....	9	1	s02
.....ucGcacagugaaccggucucu.....	10	1	s02
.....ucacagugaaccggGcucu.....	142	1	s02
.....ucacagugaaccggucuUuu.....	3	1	s02
.....ucacagugaaccgAucucu.....	3	1	s02
.....ucacagugaaUcggucucu.....	8	1	s02
.....ucacagugaaccggAcucu.....	17	1	s02
.....ucacagAgaaccggucucu.....	12	1	s02
.....ucacaguCaaccggucucu.....	4	1	s02
.....ucacagugaaAccggucucu.....	16	1	s02
.....uAacagugaaccggucucu.....	11	1	s02
.....ucacagugCaccggucucu.....	44	1	s02
.....ucacagugUaccggucucu.....	37	1	s02

Star

Mature

uuggccuccaugguaaaaccagaggcucaggauacggggccggggcacugucugagaggccuaugauucacacagugaaccggucucuuccagccccucacucuca

.....ucacagugaaccgguUucuuu.....	25	1	s02
.....ucaAagugaaccggucucuuu.....	7	1	s02
.....ucacagugaaccggucucGuuu.....	5	1	s02
.....ucacagugaaccgCucucuuu.....	1	1	s02
.....ucacagugaaccggucucuUC.....	12	1	s02
.....ucacagugaaccggucucuuu.....	16336	0	s02
.....Ccacagugaaccggucucuuu.....	9	1	s02
.....ucacaguAaaccggucucuuu.....	45	1	s02
.....ucacagugGaccggucucuuu.....	28	1	s02
.....ucacagGgaaccggucucuuu.....	20	1	s02
.....ucacagugaaccggucucuCu.....	4	1	s02
.....ucCcagugaaccggucucuuu.....	36	1	s02
.....ucaNagugaaccggucucuuu.....	42	1	s02
.....ucacagugaacUggucucuuu.....	8	1	s02
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.....ucaUagugaaccggucucuuu.....	8	1	s02
.....ucacagugaaccggCcucuuu.....	169	1	s02
.....ucUcagugaaccggucucuuu.....	3	1	s02
.....ucacagugaaccggucucCuu.....	2	1	s02
.....ucacagugaaccggucucAu.....	1	1	s02
.....ucacGgugaaccggucucuuu.....	5	1	s02
.....ucacagugaaccggucucuG.....	5	1	s02
.....ucacagugaacAggucucuuu.....	18	1	s02
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.....ucacCgugaaccggucucuuu.....	29	1	s02
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.....ucaNagugaaccggucucuUU.....	6	1	s02
.....ucacagugaaccgguGucuUU.....	3	1	s02
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.....ucacagugaaccggGcucuUU.....	7	1	s02
.....ucacagugaaccggucucuAuu.....	1	1	s02
.....ucaUagugaaccggucucuUU.....	1	1	s02
.....ucacagugaaccggucucuUG.....	14	1	s02
.....ucacagugUaccggucucuUU.....	4	1	s02
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.....ucacaguAaaccggucucuUU.....	2	1	s02
.....ucacagugaGccggucucuUU.....	2	1	s02
.....ucacagugaaccggucCcuUU.....	1	1	s02
.....ucacagugaacAggucucuUU.....	1	1	s02
.....ucacagugaaccggucucCuu.....	1	1	s02
.....ucacagugaaccgguAucuuUU.....	1	1	s02
.....ucacGgugaaccggucucuUU.....	3	1	s02
.....ucacagugCaccggucucuUU.....	6	1	s02
.....ucUcagugaaccggucucuUU.....	1	1	s02
.....ucacagugaaccggucucuUA.....	389	1	s02
.....ucacagugaaccggucucuUAu.....	8	1	s02
.....ucaAagugaaccggucucuUU.....	2	1	s02
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.....ucacagugaaccggCcucuUU.....	10	1	s02
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.....ucacaguUaaccggucucuUU.....	2	1	s02
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.....ucacagugaaccgguUucuUU.....	2	1	s02

Star

Mature

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.....ucacagugaaccgUucucuuu.....	3	1	s02
.....ucacagugGaccgggucucuuu.....	4	1	s02
.....ucacagugaaccgggucucuuuA.....	27	1	s02
.....ucacagugaaccgggucucuuuAc.....	5	1	s02
.....ucacagugaaccgggucucuuuG.....	1	1	s02
.....ucacagugaaccgggucucuuuU.....	218	1	s02
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.....cgggggccggggcacuguc.....	1	0	s01
.....cgggggccggggcGcugucug.....	13	1	s01
.....cgggggccggggcacugucug.....	23	0	s01
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.....cgggggccggggCcacugucug.....	1	1	s01
.....cgggggccggggcGcugucuga.....	15	1	s01
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.....cggggGcggggcacugucugaga.....	1	1	s01
.....cgggggccggggcacugucugagC.....	1	1	s01
.....ggggccggggcGcugucuga.....	1	1	s01
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.....cucacagugaCccgggucucuuu.....	1	1	s01
.....cucacagugGaccgggucucuuu.....	1	1	s01
.....Aucacagugaaccgggucucuuu.....	1	1	s01
.....Uucacagugaaccgggucucuuu.....	1	1	s01
.....cucacagugaaccgggucucuuuA.....	3	1	s01
.....cucacagugaaccAgucucuuu.....	1	1	s01
.....cucacagugaaccgggucucuuu.....	17	0	s01
.....cucacagugGaccgggucucuuu.....	1	1	s01
.....cucacagugaaccggGcucuuu.....	1	1	s01
.....cucacagugaaccgggucucuuuU.....	2	1	s01
.....ucacagugaaccgggucuc.....	10	0	s01
.....ucacagugaaccgggucua.....	1	1	s01
.....ucGcagugaaccgggucucu.....	1	1	s01
.....ucacagugaaccgggucucA.....	1	1	s01
.....ucacagugaaccggGcucu.....	4	1	s01
.....ucacagugaaccAgucucu.....	1	1	s01
.....ucacagugaaccgggucuaAu.....	1	1	s01
.....ucacagugaaccgggucucu.....	130	0	s01
.....ucacagGgaaccgggucucu.....	2	1	s01
.....ucacGgugaaccgggucucu.....	1	1	s01
.....ucacagugaaccggCcucu.....	1	1	s01
.....ucacagugaaccgggucuu.....	1	1	s01
.....ucacagugaaccgggucucu6.....	3	1	s01

Star

Mature

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.....ucacagugaacAggucucu.....	2	1	s01
.....ucacagGgaaccgggucucu.....	2	1	s01
.....Acacagugaaccgggucucu.....	1	1	s01
.....ucacagAgaaccgggucucu.....	1	1	s01
.....ucacagugaaccggGcucu.....	15	1	s01
.....ucacagugCaccgggucucu.....	4	1	s01
.....ucacaguCaaccgggucucu.....	1	1	s01
.....ucacagugaaccgCucucu.....	1	1	s01
.....ucacagugaaccgguAucuu.....	1	1	s01
.....ucacaguUaaccgggucucu.....	1	1	s01
.....ucacagugaaccgggucucuA.....	1	1	s01
.....ucacagugaaccggGcucu.....	5	1	s01
.....ucaUagugaaccgggucucu.....	1	1	s01
.....ucacagCgaaccgggucucu.....	1	1	s01
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.....ucacagugaGccgggucucu.....	3	1	s01
.....ucacagugGaccgggucucu.....	1	1	s01
.....ucacCgugaaccgggucucu.....	1	1	s01
.....ucacagugaaccggAcucu.....	1	1	s01
.....ucacagugaUccgggucucu.....	2	1	s01
.....ucacagugaaccggguAuuu.....	8	1	s01
.....ucacagugUaccgggucucu.....	29	1	s01
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.....ucacagugaCccgggucucu.....	7	1	s01
.....ucacagugaaccggguAucuu.....	18	1	s01
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.....ucacagugaaccgAucucu.....	4	1	s01
.....ucacagugaaccgggucucuA.....	46	1	s01
.....ucacagugaaccgggucucu.....	12633	0	s01
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.....ucacagugaaccgggucucuCu.....	1	1	s01
.....ucacagugaaccggguUucuu.....	19	1	s01
.....ucacagugaaccUgucucu.....	2	1	s01
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.....ucacagugaaccggguGucuu.....	6	1	s01
.....ucacagugaaccgCucucu.....	2	1	s01
.....ucNcagugaaccgggucucu.....	4	1	s01
.....ucacagugaaccggGcucu.....	72	1	s01
.....ucaNagugaaccgggucucu.....	3	1	s01
.....uNacagugaaccgggucucu.....	2	1	s01
.....ucaAagugaaccgggucucu.....	5	1	s01

Star

Mature

uuggccuccaugguaaaaccagaggcucaggauacggggccggggcacugucugagaggccuagauucacacagugaaccgggucucuuccagccccucacucuca

.....ucCagugaaccgggucucu.....	25	1	s01
.....ucacagugaaccgggucucuC.....	6	1	s01
.....uAacagugaaccgggucucu.....	9	1	s01
.....ucacaCugaaccgggucucu.....	1	1	s01
.....ucacagugaaccCgucucu.....	4	1	s01
.....ucacaguAaaccgggucucu.....	27	1	s01
.....ucacagugaGccgggucucu.....	16	1	s01
.....ucacagugaaUcgggucucu.....	12	1	s01
.....ucUcagugaaccgggucucu.....	6	1	s01
.....ucacagugaacUgggucucu.....	4	1	s01
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.....ucacaguAaaccgggucucu.....	2	1	s01
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.....ucacagugaaccgggucCu.....	1	1	s01
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.....ucacagugaacAggucucu.....	1	1	s01
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.....ucacagugaaccgggucuuuuG.....	1	1	s01
.....ucacagugaaccgggucuuuuU.....	2	1	s01
.....ucacagugaaccgggucuuuuUc.....	1	1	s01
.....cacagugaaccgggucuu.....	1	0	s01
.....cacagugaaccggGcucu.....	1	1	s01
.....cacagugaaccgggucuu.....	8	0	s01
.....cacagugaaccgggucuu.....	2	0	s01
.....cacagugaaccgggucuuuuU.....	2	1	s01
.....acagugaaccggGcucu.....	1	1	s01
.....acagugaaccgggucuu.....	1	0	s01
.....acagGgaaccgggucuu.....	1	1	s01
.....acagugaaccgggucuu.....	16	0	s01