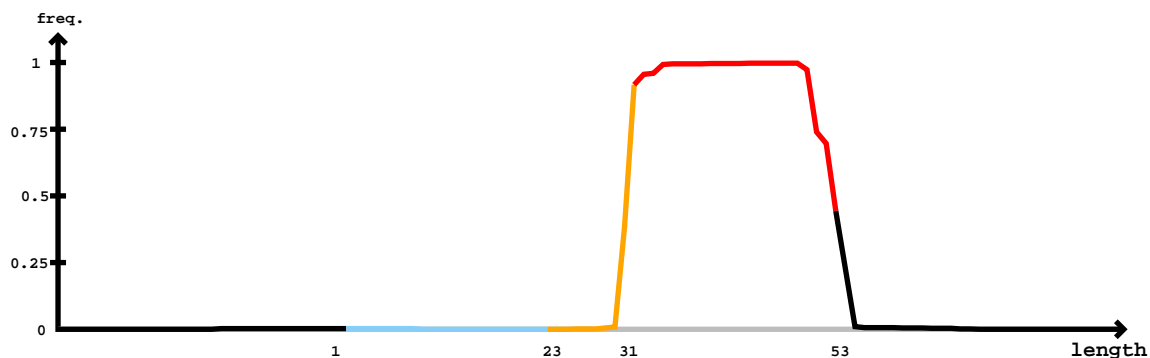


[illegible]

5'	ugaucgacgcgagaauggcguaagguguc	caauuacagguacccaauuaaaguuguucaaaauuggauaccuguaauuggagggcauguaguauacacaggaacacccggaa	-3'	exp	
	.....(((.....)))-.((((((((((((((.....)))))))))))))))).((.....))....		reads	mm	sample
	.....uucaaaauuggauaccuguaauu.....	2	0	s17	
	.....caaauCggauaccuguaauugg.....	1	1	s17	
	.....aaaauuggauaccuguaau.....	2	0	s17	
	.....aaaauuggauaccuguaauug.....	1	0	s17	
	.....uuggauaccuguaauugA.....	1	1	s17	
	.....uuggauaccuguaauugg.....	3	0	s17	
	.....uuggauaccuguaauuggaA.....	1	1	s17	
	.....caaaauuggauaccuguaauugA.....	1	1	s01	
	.....uuggauaccuguaauugA.....	1	1	s01	
	.....uuggauaccuguaauugg.....	1	0	s01	
	.....caaaauuggauaccuguaau.....	1	0	s10	
	.....caaaauuggauaccuguaauu.....	4	0	s10	
	.....caaaauuggauaccuguaauug.....	3	0	s10	
	.....caaaauuggauaccuguaauugg.....	7	0	s10	
	.....caaaauuggauaccuguaauugA.....	1	1	s10	
	.....caaaauuggauaccuguaauugga.....	1	0	s10	
	.....aaaauuggauaccuguaauu.....	2	0	s10	
	.....aaaauuggauaccuguaauug.....	4	0	s10	
	.....aaaauuggauaccuguaauugC.....	1	1	s10	
	.....aaaauuggauaccuguaauugU.....	2	1	s10	
	.....aaaauuggauaccuguaauugga.....	20	0	s10	
	.....aaaauuggauaccuguaauuggaU.....	2	1	s10	
	.....aaauuggauaccuguaauugg.....	1	0	s10	
	.....aaauuggauaccuguaauugga.....	2	0	s10	
	.....auuggauaccuguaauugga.....	1	0	s10	
	.....uuggauaccuguaauugg.....	2	0	s10	
	.....uuggauaccuguaauugga.....	1	0	s10	
	.....caaauCggauaccuguaauu.....	1	1	s14	
	.....caaaauuggauaccuguaauu.....	1	0	s14	
	.....caaaauuggauaccuguaauugg.....	2	0	s14	
	.....caaaauuggauaccuguaauuggaU.....	2	1	s14	

Star

Mature

ugaucgacgcgagaauggcgguagguguc~~caauuacagguacccaauu~~~~aaaguugu~~~~uc~~~~aaaauuggauaccuguaauugga~~ggcauguaguuaucacaggaacaccggaa

.....aaaauuggauaccuguaauu.....	1	0	s14
.....aaaauuggauaccuguaauugga.....	3	0	s14
.....			
.....caaaauuggauaccuguaauu.....	8	0	s19
.....Uaaaauuggauaccuguaauu.....	1	1	s19
.....caaaauuggauaccuguaauugg.....	6	0	s19
.....Uaaaauuggauaccuguaauugga.....	1	1	s19
.....caaaauuggauaccuguaauugga.....	1	0	s19
.....aaaauuggauaccuguaauu.....	2	0	s19
.....aaaauuggauaccuguaauugg.....	2	0	s19
.....aaaauuggauaccuguaauugA.....	5	1	s19
.....aaaauuggauaccuguaauuggG.....	1	1	s19
.....aaaauuggauaccuguaauugga.....	11	0	s19
.....aaaauuggauaccuguaauuggU.....	1	1	s19
.....aaaauAGauaccuguaauugga.....	1	1	s19
.....aaaauuggauaccuguaauuggaU.....	1	1	s19
.....aaaauuggauaccuguaauuggaA.....	1	1	s19
.....aaauuggauaccuguaauugg.....	1	0	s19
.....uuggauaccuguaauugg.....	1	0	s19
.....			
.....caaaauuggauaccuguaau.....	1	0	s13
.....caaaauuggauaccuguaauu.....	5	0	s13
.....caaaauuggauaccuguaauuU.....	1	1	s13
.....caaaauuggauaccuguaauugA.....	1	1	s13
.....caaaauuggauaccuguaauugg.....	5	0	s13
.....caaaauuggauaccuguaauugga.....	4	0	s13
.....aaaauuggauaccuguaau.....	2	0	s13
.....aaaauuggauaccuguaauu.....	2	0	s13
.....aaaauuggauaccuguaauugg.....	2	0	s13
.....aaaauuggauaccuguaauuggG.....	2	1	s13
.....aaaauuggauaccuguaauugga.....	1	0	s13
.....aaaauuggauaccuguaauuggaU.....	2	1	s13
.....aaauuggauaccuguaauu.....	4	0	s13
.....auuggauaccuguaauugg.....	1	0	s13
.....uuggauaccuguaauugg.....	2	0	s13
.....			
.....caaaauuggauaccuguaau.....	1	0	s12
.....caaaauuggauaccuguaauu.....	15	0	s12
.....caaaauuggauaccuguaauugg.....	11	0	s12
.....caaaauuggauaccuguaauugC.....	1	1	s12
.....caaaauuggauaccuguaauugA.....	1	1	s12
.....Uaaaauuggauaccuguaauugg.....	1	1	s12
.....aaaauuggauaccuguaauu.....	10	0	s12
.....aaaauuggauaccuguaauug.....	1	0	s12
.....aaaauuggauaccuguaauugg.....	7	0	s12
.....aaaauuggauaccuguaauuggU.....	2	1	s12
.....aaaauuggauaccuguaauugga.....	22	0	s12
.....aaaauuggauaccuguaauuggaU.....	8	1	s12
.....auuggauaccuguaauugg.....	1	0	s12
.....uuggauaccuguaauugg.....	2	0	s12
.....			
.....caaaauuggauaccuguaauu.....	2	0	s05
.....caaaauuggauaccuguaauug.....	1	0	s05
.....caaaauuggauaccuguaauugg.....	4	0	s05
.....caaaauuggauaccuguaauugga.....	1	0	s05
.....aaaauuggauaccuguaau.....	1	0	s05
.....aaaauuggauaccuguaauu.....	1	0	s05
.....aaaauuggauaccuguaauug.....	1	0	s05
.....aaaauuggauaccuguaauugA.....	1	1	s05
.....aaaauuggauaccuguaauugg.....	4	0	s05
.....aaaauuggauaccuguaauugga.....	9	0	s05
.....aaaauuggauaccuguaauuggaU.....	11	1	s05
.....			
.....caaaauuggauaccuguaauu.....	1	0	s18
.....aaaauuggauaccuguaauu.....	3	0	s18
.....aaaauuggauaccuguaauugg.....	2	0	s18
.....aaaauuggauaccuguaauugga.....	2	0	s18
.....aaauuggauaccuguaauuggaCg.....	2	1	s18
.....			
.....uggcguaagguguccaaauGca.....	2	1	s02

Star

Mature

ugaucgacgcgagaauggcgaguguc~~caauuacagguacccaauu~~aaaguuguu~~caaa~~ugggauaccguaaugggagggcauguaguauacacaggaacacccggaa

.....ucaaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	2	0	s02
.....ucaaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>ggg</u> agggcaug.....	1	0	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	3	0	s02
.....caa <u>u</u> ggau <u>acc</u> A <u>g</u> ua <u>u</u> u.....	1	1	s02
.....caa <u>u</u> ggau <u>acc</u> gA <u>u</u> ua <u>u</u> u.....	1	1	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	43	0	s02
.....Uaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	13	1	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	3	0	s02
.....Uaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	8	1	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> A.....	5	1	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	22	0	s02
.....caaa <u>u</u> Cggau <u>acc</u> gu <u>aa</u> u <u>g</u>	3	1	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> U.....	6	1	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> ga.....	13	0	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> G.....	1	1	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> gaA.....	3	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	6	0	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	15	0	s02
.....aaa <u>u</u> ggCu <u>acc</u> gu <u>aa</u> u.....	1	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	10	0	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> A.....	2	1	s02
.....aaa <u>u</u> Cggau <u>acc</u> gu <u>aa</u> u <u>g</u>	2	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> g <u>u</u> g.....	1	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	15	0	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> C <u>u</u> g.....	1	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> C.....	1	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> ga.....	74	0	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> U.....	14	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gA <u>u</u> ua <u>u</u> gga.....	1	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> gaA.....	1	1	s02
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> gaU.....	26	1	s02
.....aa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	3	0	s02
.....aa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> A.....	1	1	s02
.....aa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	7	0	s02
.....aa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> G.....	1	1	s02
.....aa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> ag.....	1	0	s02
.....aa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> aCg.....	1	1	s02
.....u <u>g</u> gga <u>acc</u> gu <u>aa</u> u <u>g</u>	1	0	s02
.....u <u>acc</u> gu <u>aa</u> u <u>g</u> agggcaugu <u>aa</u> uc.....	1	0	s02
.....u <u>g</u> ua <u>u</u> ggagggcaugu <u>ag</u>	1	0	s02
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	1	0	s11
.....Uaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	1	1	s03
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> Gu.....	2	1	s03
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	2	0	s03
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	5	0	s03
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	1	0	s03
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	2	0	s03
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	1	0	s03
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> ga.....	3	0	s03
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> gaA.....	1	1	s03
.....aa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	1	0	s03
.....u <u>g</u> gga <u>acc</u> gu <u>aa</u> u <u>g</u>	1	0	s03
.....uucaaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	1	0	s06
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	3	0	s06
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> A.....	1	1	s06
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	1	0	s06
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> ga.....	14	0	s06
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> gaU.....	3	1	s06
.....aa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	1	0	s06
.....u <u>g</u> gga <u>acc</u> gu <u>aa</u> u <u>g</u>	5	0	s06
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u.....	1	0	s15
.....caaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u>	2	0	s15
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> ga.....	1	0	s15
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> gaU.....	2	1	s15
.....aaa <u>u</u> ggau <u>acc</u> gu <u>aa</u> u <u>g</u> ga.....	1	0	s04

Star

Mature

ugaucgacgcgagaauggcgaguguguc~~caauuacagguacccaauu~~~~aaaguugu~~~~ucaaaau~~~~ggg~~~~auaccuguaau~~~~uggag~~~~ggcaugu~~~~aguau~~~~acacagga~~~~aacac~~~~cgga~~

.....aaauugggauaccuguaauuggaU.....	1	1	s04
.....caaauugggauaccuguaauu.....	2	0	s08
.....caaauugggauaccuguaauuggA.....	1	1	s08
.....caaauCgggauaccuguaauugg.....	1	1	s08
.....Uaaauugggauaccuguaauugg.....	1	1	s08
.....caaauugggauaccuguaauugg.....	2	0	s08
.....caaauugggauaccuguaauuggG.....	1	1	s08
.....caaauCgggauaccuguaauuggga.....	1	1	s08
.....caaauugggauaccuguaauuggga.....	1	0	s08
.....aaauCgggauaccuguaauu.....	1	1	s08
.....aaauugggauaccuguaauu.....	2	0	s08
.....aaauugggauaccuguaauuggga.....	5	0	s08
.....aaauugggauaccuguaauugggaU.....	1	1	s08
.....aaugggauaccuguaauu.....	2	0	s08
.....aaugggauaccuguaauuggC.....	3	1	s08
.....uugggauaccuguaauugg.....	3	0	s08
.....uuguucaaaugggauaccuguaauuggga.....	1	0	s07
.....caaauugggauaccuguaau.....	1	0	s07
.....Uaaauugggauaccuguaauu.....	1	1	s07
.....caaauugggauaccuguaauu.....	13	0	s07
.....Uaaauugggauaccuguaauug.....	1	1	s07
.....Uaaauugggauaccuguaauugg.....	3	1	s07
.....caaauugggauaccuguaauugg.....	13	0	s07
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.....aaugggauaccuguaauuggU.....	1	1	s07
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.....caaauCgggauaccuguaauugg.....	1	1	s16
.....caaauugggauaccuguaauugg.....	3	0	s16
.....caaauugggauaccuguaauuggga.....	2	0	s16
.....aaaugggauaccuguaauuggga.....	7	0	s16
.....aaaugggauaccuguaauuggG.....	1	1	s16
.....Uaaaugggauaccuguaauuggga.....	1	1	s16
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.....aaaugggauaccuguaauugggaU.....	1	1	s16