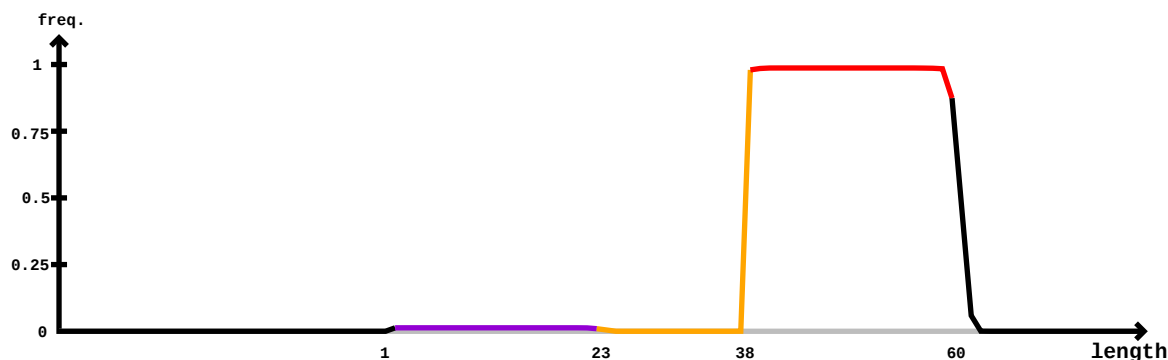




Mature

5'	-3'	obs	
		exp	sample
uuugucuccuauucauguuuuggaugguc <u>cauccc</u> <u>caucuuacgaggcagcauugga</u> uauaaucacucucucuaaaucugccugguaa <u>augau</u> gaugauagccaucugcuaacu			
uuugucuccuauucauguuuuggaugguc <u>cauccc</u> <u>caucuuacgaggcagcauugga</u> uauaaucacucucucuaaaucugccugguaa <u>augau</u> gaugauagccaucugcuaacu			
(((.((((.(.(((.(((((((.((((.((((.(.....)))))).)))))).))))).))))).))))).))))).))))).	reads	mm	sample
cauguuuuggaugguc <u>cauccc</u>	1	0	s02
.....c <u>caucuuacgaggcagcauugg</u>	1	0	s02
.....c <u>caucuuacgaggcagcauug</u>	27	0	s02
.....c <u>caucuuacgaggcagcGuugg</u>	1	1	s02
.....c <u>caucuuacgaggcagcauugg</u>	177	0	s02
.....c <u>caucuuacgaUgcagcauugg</u>	1	1	s02
.....c <u>caucuuacgaggcUgcagcauugg</u>	1	1	s02
.....c <u>caucCuacgaggcagcauugg</u>	1	1	s02
.....c <u>caucuuacgaggGagcauugg</u>	1	1	s02
.....c <u>caucuuacgagCcagcauugg</u>	1	1	s02
.....c <u>caucuuacgaggcagcCuugg</u>	1	1	s02
.....c <u>caucuGacgaggcagcauugg</u>	1	1	s02
.....c <u>caucuuacgaggAagcauugg</u>	1	1	s02
.....c <u>caucuuacgaggcagUauugg</u>	1	1	s02
.....c <u>caucuuacgaggcGgcauugg</u>	1	1	s02
.....c <u>caucuuacgaggcagcauuggU</u>	5	1	s02
.....c <u>caucuuGcgaggcagcauugga</u>	1	1	s02
.....c <u>caucuuacgaggcagcaGuugga</u>	1	1	s02
.....c <u>caucuuacGgggcagcauugga</u>	1	1	s02
.....c <u>caCcuuacgaggcagcauugga</u>	1	1	s02
.....c <u>caucuuacgaggcagcaUGgga</u>	1	1	s02
.....c <u>caucuuacgaggAagcauugga</u>	1	1	s02
.....c <u>caucuuacgaggcagcGuugga</u>	2	1	s02
.....c <u>caucuuacgagCcagcauugga</u>	1	1	s02
.....c <u>caucuuacgaggcagcCuugga</u>	2	1	s02
.....c <u>caucuuacgaggcagcaCugga</u>	1	1	s02
.....c <u>caucuuacgaggcagcauuggG</u>	3	1	s02
.....c <u>caucuuacgaggGagcauugga</u>	2	1	s02
.....c <u>caucuuacUaggcagcauugga</u>	2	1	s02
.....c <u>caucuuacgaggcagcauugga</u>	575	0	s02
.....c <u>caucuuacgaggcagcauuggC</u>	2	1	s02
.....c <u>caucuuacgaggcagcUuugga</u>	1	1	s02
.....c <u>caucuuacGcgcauugga</u>	1	1	s02

Star	Mature		
uuugucuccauucauguuuggauggucaucccaucuuacgaggcagcauugga	uaauacacucucucuaauacugccugguaa	augaugauagccaucugcuaacu	
.....caucuuacgaggcagcauuCga			11s02
.....caucuuacgaggcUgcauugga			31s02
.....caucuuacgaggcagAauugga			11s02
.....caucuuacgaggcagcauugAa			21s02
.....caucuuacgaggcagcauuggaG			11s02
.....caucuuacgaggcagcauuggau			40s02
.....caucuuacgaggcagcauuggaA			101s02
.....caucuuacgaggcagcauuggaua			10s02
.....caucuuacgaggcagcauuggauU			31s02
.....caucuuacgaggcagcauuggaAa			31s02
.....caucuuacgaggcagcauuggauUu			21s02
.....aucCuacgaggcagcauugga			11s02
.....aucuuacgaggcagcauugga			30s02
.....cuaauacugccugguaa	aug		10s02
.....Uuaauacugccugguaa	aug		11s02
.....cuaauacugccugguaa	aug		70s02
.....cuaauacugccugguaa	augau		70s02
.....uaauacugccugguaa	aug		250s02
.....uaauacugUcugguaa	aug		21s02
.....uaauacugccugguaaAa			11s02
.....uaauacugccugguaa	aug		280s02
.....uaauacugccugguaa	ugU		11s02
.....uGauacugccugguaa	aug		11s02
.....uaauacugccugguaa	aug		1200s02
.....uaauacugccugguaa	ugUu		11s02
.....uaauacugccugguCaug	aug		11s02
.....uaauacugccugguaaG	aug		11s02
.....Caauacugccugguaa	aug		11s02
.....uaauacugccugguaaUa	ug		41s02
.....Gaauacugccugguaa	aug		51s02
.....uaauaAugccugguaa	aug		11s02
.....uaauacugccuggGaa	aug		211s02
.....uaauGcugccugguaa	aug		81s02
.....uaauacuUccugguaa	aug		81s02
.....uaauacugccugguCaug	aug		201s02
.....uaUuacugccugguaa	aug		11s02
.....uaauacugccugguaaAa	Aug		41s02
.....uaauacugccugguaa	ugCug		171s02
.....uaauacugcUugguaa	aug		11s02
.....uaaNacugccugguaa	aug		141s02
.....uaauacugccugguaa	ugUg		561s02
.....uaauacugccugguGa	aug		51s02
.....uaauaGugccugguaa	aug		71s02
.....uaauacugccugguaaCg	aug		21s02
.....uaauacugccugguaaGg	aug		131s02
.....uaauCcugccugguaa	aug		61s02
.....uaauacugUcugguaa	aug		71s02
.....uaauacugccugguaa	ugC		41s02
.....uaauacugccugguaaCaug			31s02
.....uaauacugccugguaGug	aug		31s02
.....uUauacugccugguaa	aug		41s02
.....uaauacugccuggCaa	aug		71s02
.....uaauacugccugguaCug	aug		71s02
.....uaauacugccugCua	aug		21s02
.....uGauacugccugguaa	aug		41s02
.....Caauacugccugguaa	aug		21s02
.....uaCuacugccugguaa	aug		81s02
.....uaauacugccCgguaa	aug		41s02
.....uCauacugccugguaa	aug		31s02
.....uaauacugccugguaa	ugU		61s02
.....uaauacugccugUuaa	aug		11s02
.....uaauacuAccugguaa	aug		101s02
.....uaauacugccuGuaa	aug		41s02
.....uaauacugccugguaa	ugA		171s02
.....uaauacugccugguaaGg			41s02
.....uaauacugccAgguaa	aug		11s02
.....uaauacugNcugguaa	aug		11s02
.....uaauacugccugguaa	ugGug		141s02
.....uaauacAgccugguaa	aug		11s02
.....uaauacugcAugguaa	aug		31s02

Star

Mature

uuugucuccuauucauguuuggaugguaucccaucuuacgaggcagcauuggauuaauacacucucucuaauacugccugguaauggaugauagccaucugcuaacu			
.....uaauacugc6ugguaauggaug.....	2	1	s02
.....uaauacugccuggAaauggaug.....	11	1	s02
.....uaauacugccugguaUuggaug.....	17	1	s02
.....uaauacGgcccugguaauggaug.....	1	1	s02
.....uaGuacugccugguaauggaug.....	5	1	s02
.....uaauacCgcccugguaauggaug.....	2	1	s02
.....uaauacugccugguaaAgaug.....	8	1	s02
.....uaaCacugccugguaauggaug.....	1	1	s02
.....Aaaucugccugguaauggaug.....	5	1	s02
.....uaauaUugccugguaauggaug.....	1	1	s02
.....uaauacugccuAguaauggaug.....	6	1	s02
.....uaauacugccugguaauggaGg.....	32	1	s02
.....uaauacugccugguaauggaug.....	6896	0	s02
.....uaauacugAcugguaauggaug.....	6	1	s02
.....uaauUcugccugguaauggaug.....	2	1	s02
.....uaaCacugccugguaauggauga.....	3	1	s02
.....uaauUcugccugguaauggauga.....	3	1	s02
.....uaauacugccugguaauggaug6.....	9	1	s02
.....uaauacugccugguaauggaAga.....	18	1	s02
.....uaauaUugccugguaauggauga.....	2	1	s02
.....uaauacugUcugguaauggauga.....	24	1	s02
.....uaauaGugccugguaauggauga.....	23	1	s02
.....uaauacugccuggGaauggauga.....	106	1	s02
.....uaauaAugccugguaauggauga.....	9	1	s02
.....uaauacugccugguGaugauga.....	19	1	s02
.....uaauacugccuggCaauggauga.....	14	1	s02
.....uaauacGgcccugguaauggauga.....	3	1	s02
.....uaauacugccugguaaCauga.....	15	1	s02
.....uaauacugccugguaaCgauga.....	5	1	s02
.....uaaGacugccugguaauggauga.....	5	1	s02
.....Aaaucugccugguaauggauga.....	18	1	s02
.....uaauacug6cugguaauggauga.....	17	1	s02
.....uaauacugccuggAaauggauga.....	34	1	s02
.....uaauacuCccugguaauggauga.....	9	1	s02
.....uaauacugc6ugguaauggauga.....	12	1	s02
.....uaauacugccugguaauggaCga.....	11	1	s02
.....uaaAacugccugguaauggauga.....	2	1	s02
.....uCauacugccugguaauggauga.....	5	1	s02
.....uaauGcugccugguaauggauga.....	19	1	s02
.....Gaauacugccugguaauggauga.....	19	1	s02
.....uaauacugccugguaauggUuga.....	113	1	s02
.....uaauacugccugguaauggCuga.....	52	1	s02
.....Caaucugccugguaauggauga.....	10	1	s02
.....uaaNacugccugguaauggauga.....	79	1	s02
.....uaauacugccugguaaAauga.....	12	1	s02
.....uNauacugccugguaauggauga.....	1	1	s02
.....uaauacugccugguaUuggauga.....	20	1	s02
.....uaauacugccCgguuauggauga.....	14	1	s02
.....uaauacugcUugguaauggauga.....	3	1	s02
.....uaauacugccugguaaUauga.....	9	1	s02
.....uaauacAgccugguaauggauga.....	1	1	s02
.....uaauacugccugguaauggauAa.....	15	1	s02
.....uaauacugAcugguaauggauga.....	38	1	s02
.....uaauacugccugguaauggauUa.....	14	1	s02
.....uGauacugccugguaauggauga.....	13	1	s02
.....uaauacugccugguaGugauga.....	7	1	s02
.....uaGuacugccugguaauggauga.....	6	1	s02
.....uaauacugccugCuaauggauga.....	9	1	s02
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.....uaauacugccugguaCugauga.....	4	1	s02
.....uaauacugccuAguaauggauga.....	9	1	s02
.....uaauacugccugguaauggaugU.....	158	1	s02
.....uaauacugccugUuaauggauga.....	4	1	s02
.....uaauacugccugAuaauggauga.....	4	1	s02
.....uaauacugccugguaaugga6ga.....	129	1	s02
.....uaauacugcAugguuauggauga.....	10	1	s02
.....uaauacugccuggNauggauga.....	1	1	s02
.....uaauacugccugguaauggaugC.....	17	1	s02
.....uaauacuAccugguaauggauga.....	68	1	s02
.....uaauCugccugguaauggauga.....	41	1	s02

Star

Mature

uuugucuccuauucauguuuggauggucaucccaucuuacgaggcagcauuggauuaauacacucucucuaauacugccugguaauggaugauugauagccaucugcuaacu

uaNuacugccugguaauggauga	4	1	s02
uUauacugccugguaauggauga	9	1	s02
uaauacugccugguaaGgauga	16	1	s02
uaauacugccugguCauggauga	46	1	s02
uaauacugccAgguaauggauga	1	1	s02
uaauacugccGgguaauggauga	9	1	s02
uaCuacugccugguaauggauga	32	1	s02
uaauacugccugguaauggauga	25415	0	s02
uaauacugccuUguaauggauga	6	1	s02
uaauacGgccugguaauggauga	8	1	s02
uaauacugccugguUauggauga	9	1	s02
uaUuacugccugguaauggauga	3	1	s02
uaauacugccuGguaauggauga	8	1	s02
uaauacugccugguaaGuga	22	1	s02
uaauacugccugguaaAgauga	11	1	s02
uaauacugccugguaauggauCa	11	1	s02
uaauacugccugguaauggUugau	175	1	s02
uaauacugcGugguaauggaugau	7	1	s02
uaauacugccugguaauggauCau	13	1	s02
uaaAacugccugguaauggaugau	2	1	s02
uaauacugcUugguaauggaugau	3	1	s02
uaauacugccugguaaAgaugau	13	1	s02
uaauacugccugguaaGgaugau	26	1	s02
uCaucugccugguaauggaugau	8	1	s02
uaauacugccuggGaauggaugau	72	1	s02
uaauacugccugguaauggaugau	24798	0	s02
uaauacugccugguUauggaugau	6	1	s02
uaCuacugccugguaauggaugau	27	1	s02
uaauacugccAgguaauggaugau	1	1	s02
uaauacugcAugguaauggaugau	11	1	s02
uaauacuAccugguaauggaugau	72	1	s02
uGauacugccugguaauggaugau	8	1	s02
uaauacugccugguaauggaugaC	22	1	s02
uaNuacugccugguaauggaugau	1	1	s02
uaauacugccugguaaCauggau	11	1	s02
uaauacugccugguGauggaugau	15	1	s02
uaauacugGcugguaauggaugau	14	1	s02
uaauacugccuUguaauggaugau	6	1	s02
uaauacugccugguaGuggaugau	7	1	s02
uaauacugccugCuaauggaugau	5	1	s02
uaauacugAcugguaauggaugau	33	1	s02
uaauacugccugguaCuggaugau	9	1	s02
uaauacAgccugguaauggaugau	2	1	s02
uaauacugccuGuaauggaugau	8	1	s02
uaauacugccugguaauggaugUu	70	1	s02
uaauacugccuggCaauggaugau	20	1	s02
uaauacuCccugguaauggaugau	14	1	s02
uaauacGcugguaauggaugau	5	1	s02
uaauacugccugguaauggaugaA	149	1	s02
uaauacugccugguaauggauAau	14	1	s02
uaGuacugccugguaauggaugau	12	1	s02
uaauacugccGgguaauggaugau	10	1	s02
uaauacugccugguaauggauUau	2	1	s02
uaauGcugccugguaauggaugau	21	1	s02
uaaCacugccugguaauggaugau	4	1	s02
uaauacugccugAuaauggaugau	5	1	s02
uaauacugccugguaauggaGgau	124	1	s02
uaauacugccuAguaauggaugau	4	1	s02
uUauacugccugguaauggaugau	11	1	s02
Aauacugccugguaauggaugau	21	1	s02
uaauacugccugguaauggGugau	31	1	s02
uaauacugccugguaaCgaugau	9	1	s02
uaaNacugccugguaauggaugau	68	1	s02
uaauUcugccugguaauggaugau	5	1	s02
Gaaucugccugguaauggaugau	14	1	s02
uaauaAugccugguaauggaugau	7	1	s02
uaauacugccugguaauggaugGu	21	1	s02
uaauacugUcugguaauggaugau	20	1	s02
uaauacGgccugguaauggaugau	2	1	s02
uaauaGugccugguaauggaugau	19	1	s02

Star

Mature

uuugucuccauucauguuuggauggucaucccaucuuacgaggcagcauuggauuaaauacacucucucuaauacugccugguaauggaugau	6	1	s02
uaauacugccGgguaauggaugau	2	1	s02
uaUuacugccugguaauggaugau	29	1	s02
uaauacugccuggAaauggaugau	64	1	s02
uaauacuUccugguaauggaugau	5	1	s02
uaauacugccugguaaAauggau	59	1	s02
uaauacugccugguCauggaugau	32	1	s02
uaauCcuugccugguaauggaugau	16	1	s02
uaauacugccugguaauggaugCu	11	1	s02
uaauacugccugguaauggaAgau	28	1	s02
uaauacugccugguaauggaG	9	1	s02
uaauaUugccugguaauggaugau	12	1	s02
uaauacugccugguaauUauggau	4	1	s02
uaauacugccugUuaauggaugau	49	1	s02
uaauacugccugguaauggCugau	20	1	s02
uaauacugccugguaUuggaugau	10	1	s02
Caauacugccugguaauggaugau	4	1	s02
uaaGacugccugguaauggaugau	7	1	s02
uaauacugccugguaauggaCgau	1	1	s02
uaauacugccugguaauggGugaug	2	1	s02
uaauacugccugguaauggaAg	1503	1	s02
uaauacugccugguaauggaugauA	8	1	s02
uaauacugccugguaauggaugauC	1	1	s02
uaauacugccugguaCugauggaug	1861	1	s02
uaauacugccugguaauggaugauU	41	0	s02
uaauacugccugguaauggaugaug	4	1	s02
uaauacugccugguaauggaugauAa	9	0	s02
aaucugccugguaauggaug	1	1	s02
aaucugccugguaauggGug	1	1	s02
aaucugccGgguaauggauga	2	1	s02
aaucacuUccugguaauggauga	44	0	s02
aaucugccugguaauggauga	3	1	s02
aaucugccuggGaauggauga	2	1	s02
aaucugccuggGaauggaugau	2	1	s02
Uaucugccugguaauggaugau	1	1	s02
aaucugccuggCauggaugau	1	1	s02
aaucugccugguaCugauggau	1	1	s02
aaucugccuggAauggaugau	1	1	s02
aaucugccugguaauggaugau	1	1	s02
aaucugccugguaauUauggau	1	1	s02
aaucugccugguaauggaA	68	0	s02
aaucugccugguaauggaugau	1	1	s02
aaucugccugguaauggaugCu	1	1	s02
aaucugccGgguaauggaugaug	1	1	s02
aaucugccugguaauggaugauA	70	1	s02
aaucugccugguaauggaugauU	124	1	s02
aaucugccugguaauggGugaug	15	0	s02
aaucugccuggGaauggaugaug	1	1	s02
auacugccugguaauggaug	1	0	s02
auacugccugguaauggauga	11	0	s02
auacugccugguaauggaugau	14	0	s02
auacuAccugguaauggaugau	1	1	s02
auacugccugguaauggaugGu	3	1	s02
auacugccugguaauggaAg	5	1	s02
auacugccugguaauggaugauU	74	1	s02
auacugccugguaauggaugauA	1	0	s02
auacugccugguaauggaugaug	2	0	s02
auacugccugguaauggaugauU	2	1	s02
auacugccugguaauggaugauAa	5	1	s02
uacugccugguaauggauga	1	0	s02
uacugccugguaauggaugauA	2	1	s02
acugccugguaauggaugau	2	0	s02
cugccugguaauggaugauU	1	1	s02
ugccugguaauggaugauU	1	1	s02
caucuuacgaggcagcauu	1	0	s01
caucuuacgaggcagcauug	12	0	s01
caucuuacgaggcagcauugg	110	0	s01
caucuuacgaggcagAauugg	1	1	s01

Star

Mature

uuugucuccauucauguuuggauggucauccc	caucuuacgaggcagcauugga	uaauaacucucucuaauacugccuggua	augaugau	gagccaucugcuaacu			
.....caucuuacgaggcCgcauugg.....	caucuuacgaggcUgcauugg.....	Aaucuuacgaggcagcauugg.....	caucuuacgaggcagcauugga.....	caucuuacgaggcagcauuUga.....	caucuuacgaggcagcauugga.....	caucuuacgaggcagcauugAa.....	Aaucuuacgaggcagcauugga.....
.....caucuuacgaggcagcaGugga.....	caucuuacgaggcUgcauugga.....	caucuuacgaggcagcauuggU.....	caucuuacgaggcagcUuugga.....	caucuuUcgaggcagcauugga.....	caucuuacgCggcagcauugga.....	caucuuacgagAcagcauugga.....	caucuuacCaggcagcauugga.....
.....caucuuacgaggGagcauugga.....	caucuuacgaCgcagcauugga.....	caucuuacgaggcagcaCugga.....	caucuuacgaggcagcauuggau.....	aucuuacgaggcagcauugga.....	cuaauacugccugguaauggau.....	cuaauacugccugguaUuggau.....	cuaauacugccugguaauggauU.....
.....uaauacugccugguaaugg.....	uaauUcugccugguaaugg.....	uaauacugUcugguaaugga.....	uaauacugccugguaaugga.....	uaauacugccugguaauggU.....	uaCuacugccugguaauggau.....	uaauacugccugguaauggau.....	Gaaucugccugguaauggau.....
.....uaauacugccugguaaAgaug.....	uaauGcugccugguaauggau.....	uaauacuAccugguaauggau.....	uaauacugccugguUauggau.....	uaauacugccugguaaCaug.....	uaauacugccugguaUuggau.....	uGauacugccugguaauggau.....	uaauacugccugguaaGgaug.....
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