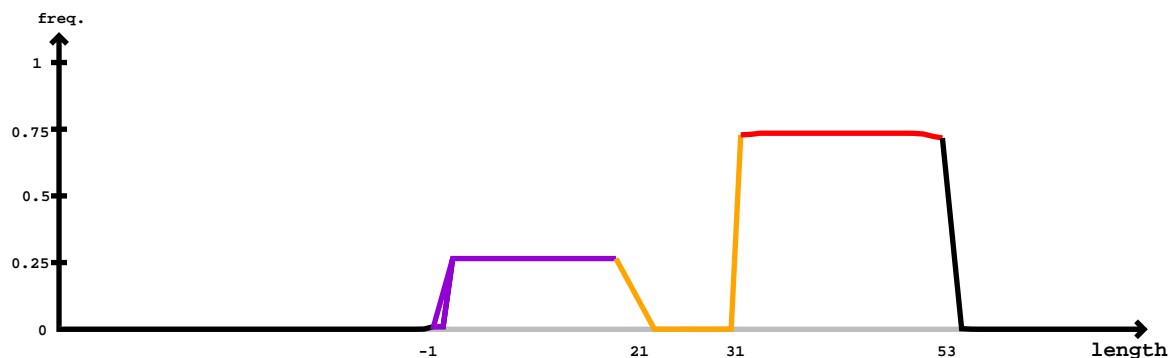


[illegible]

Mature

5' -	-3'	obs	
		exp	
		known	
	reads	mm	sample
auagaguuuuggagcuuguucugcacucagugucauauugaugaagucuuugaaucaagcucuuuauagaagugugauuggagacuuuuauucgugaucugagagcauuuauaca			
auagaguuuuggagcuuguucugcacucagugucauauugaugaagucuuugaaucaagcucuuuauagaagugugauuggagacuuuuauucgugaucugagagcauuuauaca			
auagaguuuuggagcuuguucugcacucagugucauauugaugaagucuuugaaucaagcucuuuauagaagugugauuggagacuuuuauucgugaucugagagcauuuauaca			
..((((...))))...(((.(((.((((.((((((((((.((((.((((....).)).))))).))..			
.....gaugaaagucuuugaaucaCgcucu.....	2	1	s05
.....ugaaagucuuugaaucaCgcu.....	4	1	s05
.....ugugauuggagacuuuuauuc.....	1	0	s05
.....ugugauuggagacuuuuauucgu.....	23	0	s05
.....ugugauuggagacuuuuauucU.....	1	1	s05
.....ugugaCuggagacuuuuauucgu.....	1	1	s05
.....ugugauuggagacuuuuauucgC.....	4	1	s05
.....ugugauuggagacuuuuauucguU.....	1	1	s05
.....gaugaaagucuuugaaucaCgcu.....	3	1	s18
.....ugaaagucuuugaaucaCgcu.....	1	1	s18
.....ugugauuggagacuuuuauA.....	1	1	s18
.....ugugauuggagacuuuuaucaA.....	1	1	s18
.....ugugauuggagacuuuuauucgA.....	1	1	s18
.....ugugauuggagacuuuuauucgC.....	5	1	s18
.....ugugauuggagacuuuuauucgu.....	11	0	s18
.....ugugauuggagacuuuuauucguU.....	1	1	s18
.....ugugauuggagacuuuuauucgu.....	7	0	s11
.....ugugauuggagacuuuuauucgC.....	5	1	s11
.....ugugauuggagacuuuuauucgG.....	2	1	s11
.....ugugauuggagacuuuuauucguA.....	1	1	s11
.....ugaugaaagucuuugaaucaCgcu.....	1	1	s02
.....gaugaaagucuuugaaucaCgcu.....	13	1	s02
.....ugaagucuuugaaucaCg.....	1	1	s02
.....ugaagucuuugaaucaCgc.....	3	1	s02
.....ugaagucuuugaaucaagcu.....	1	0	s02
.....ugaagucuuugaaucaCgcu.....	653	1	s02
.....ugugauuggagacuuuuA.....	1	0	s02
.....ugugauuggagacuuuuau.....	2	0	s02

Mature

aaagaguuuggagcuuguuucugcacucagugucauaagauugaagucuuugaagugugauuggagacuuuuauucugaucugagagcauuuuauaca			
.....ugugauuggagacuuuuuC.....	3	1	s02
.....ugugauuggagacuuuuuA.....	5	1	s02
.....ugugauuggagacuuuuauuc.....	18	0	s02
.....ugugauuggagacuuuuauuC.....	6	1	s02
.....ugugauuggagacuuuuauucU.....	3	1	s02
.....ugugauuggagacuuuuauucg.....	6	0	s02
.....ugugauuggagacuuuGuaucgu.....	2	1	s02
.....ugugGuuggagacuuuuauucgu.....	5	1	s02
.....uAugauuggagacuuuuauucgu.....	2	1	s02
.....ugugauuggagacuuuuauucgA.....	17	1	s02
.....ugugauuggaUacuuuuauucgu.....	1	1	s02
.....ugGgauuggagacuuuuauucgu.....	2	1	s02
.....ugugauuggagacCuuuuauucgu.....	5	1	s02
.....ugugauuggagacuuuuauucgu.....	697	0	s02
.....ugugauuggagacuuuAuaucgu.....	1	1	s02
.....ugugauugggUgacuuuuauucgu.....	1	1	s02
.....uguuAauuggagacuuuuauucgu.....	1	1	s02
.....ugugauuggagacuuuuauucgG.....	9	1	s02
.....ugugauuggagacuuuuauuUgu.....	4	1	s02
.....ugugauuggagacuuuAaucgu.....	1	1	s02
.....ugugaGuggagacuuuuauucgu.....	1	1	s02
.....ugugauuAgagacuuuuauucgu.....	2	1	s02
.....Cgugauuggagacuuuuauucgu.....	8	1	s02
.....ugugauuggagacuuuAuaucgu.....	1	1	s02
.....ugCgauuggagacuuuuauucgu.....	3	1	s02
.....ugugauuggagacuuGuuauucgu.....	1	1	s02
.....ugugauAaggagacuuuuauucgu.....	1	1	s02
.....ugugauuggagacuuuuauucgC.....	123	1	s02
.....uguuAauuggagacuuuuauucgu.....	1	1	s02
.....ugugauuggagacuuuuauucAuu.....	1	1	s02
.....ugugauugggGgacuuuuauucgu.....	2	1	s02
.....ugugauuggagacuuuGaucgu.....	2	1	s02
.....ugugauuggagacuuuuuAGcgu.....	1	1	s02
.....ugugauuggagacAuuuuauucgu.....	1	1	s02
.....ugugaCuggagacuuuuauucgu.....	1	1	s02
.....ugugauuggagacuuuuauucUuu.....	1	1	s02
.....ugugauCggagacuuuuauucgu.....	4	1	s02
.....ugugUuuuggagacuuuuauucgu.....	2	1	s02
.....ugugauuggagacuuuuauucgug.....	2	0	s02
.....ugugauuggagacuuuuauucguC.....	7	1	s02
.....ugugauuggagacuuuuauucguU.....	46	1	s02
.....ugugauuggagacuuuuauucguA.....	23	1	s02
.....ugugauuggagacuuuuauucgugU.....	3	1	s02
.....ugugauuggagacuuuuauucguUa.....	3	1	s02
.....ugugauuggagacuuuuauucguCau.....	1	1	s02
.....gugauuggagacuuuuauucgu.....	3	0	s02
.....gugauuggagacuuuuauucguU.....	2	1	s02
.....ugauuggagacCuuuuauuc.....	1	1	s02
.....ugauuggagacuuuuauucgu.....	5	0	s02
.....gaugaaagucuugaaucaCgcu.....	2	1	s17
.....ugaaagucuugaaucaCgcu.....	1	1	s17
.....ugugauuggagacuuuuauucgu.....	28	0	s17
.....ugugauugggGgacuuuuauucgu.....	1	1	s17
.....ugugauuggagacuuuuauucCu.....	1	1	s17
.....ugugauuggagacuuuuauucgC.....	6	1	s17
.....ugugauuggagacuuuuauucgG.....	1	1	s17
.....ugugauuggagacuuuCuauucgu.....	1	1	s17
.....ugugauuggagacuuuuauucgA.....	2	1	s17
.....ugugauuggagacuuuuauucguU.....	2	1	s17
.....ugugauuggagacuuuuauucguC.....	1	1	s17
.....ugaaagucuugaaucaCgcu.....	11	1	s01
.....ugugauuggagacuuuuauucgu.....	5	0	s01
.....ugugauuggagacuuuuauucgC.....	2	1	s01
.....ugaaagucuugaaucaCgcu.....	5	1	s10
.....ugugauuggagacuuuuau.....	1	0	s10
.....Agugauuggagacuuuuauucgu.....	1	1	s10
.....ugugauuggagacAuuuuauucgu.....	1	1	s10

Star

Mature

auagaguuggagcuuguucugcacucagugucauaua <u>ugaaagucuugaaucaagcuuuuau</u> <u>gaag</u> ugugauuggagacuuuu <u>aucgu</u> gaucugagagcauuuauaca			
.....ugugauuggagacuuuu <u>aucG</u>	4	1	s10
.....ugugauu <u>C</u> gagacuuuu <u>aucgu</u>	1	1	s10
.....ugugauuggagacuuuu <u>aucGA</u>	4	1	s10
.....ugugauuggagacu <u>Cuu</u> aucgu.....	3	1	s10
.....ugugau <u>G</u> ggagacuuuu <u>aucgu</u>	1	1	s10
.....ugugauuggagacuuuu <u>aucGC</u>	14	1	s10
.....ugugauuggagacuuuu <u>aucgu</u>	75	0	s10
.....ugugauuggagacuuuu <u>aucUu</u>	1	1	s10
.....ugugauuggagacuuuu <u>aucguA</u>	2	1	s10
.....ugugauuggagacuuuu <u>aucguU</u>	10	1	s10
.....ugugauuggagacuuuu <u>aucguC</u>	2	1	s10
..... <u>g</u> ugauuggagacuuuu <u>aucGC</u>	1	1	s10
..... <u>u</u> gaaagucuuga <u>a</u> ucaC <u>g</u> cu.....	5	1	s14
.....u <u>A</u> ugauuggagacuuuu <u>aucgu</u>	1	1	s14
.....ugugauuggagacuu <u>Cu</u> aucgu.....	1	1	s14
.....ugugauuggagacuuuu <u>aucGC</u>	4	1	s14
.....ugugauuggagacuuuu <u>aucgu</u>	16	0	s14
.....ugugauuggagacuuuu <u>aucGA</u>	2	1	s14
.....ugugauuggagacuuu <u>C</u> aucgu.....	1	1	s14
.....ugugauuggagacuuuu <u>aucguA</u>	1	1	s14
..... <u>g</u> augaaagucuuga <u>a</u> ucaC <u>g</u> cu.....	1	1	s19
..... <u>u</u> gaaagucuuga <u>a</u> ucaC <u>g</u> c.....	2	1	s19
..... <u>u</u> gaaagucuuga <u>a</u> ucaC <u>g</u> cu.....	58	1	s19
.....ugugauuggagacuuuu <u>au</u>	1	0	s19
.....ugugauuggagacuuuu <u>auc</u>	1	0	s19
.....ugugauuggagacuuuu <u>aucA</u>	1	1	s19
.....ugugauuggagacuuuu <u>aC</u> cu.....	1	1	s19
.....ugugauuggagacuuuu <u>aucgu</u>	154	0	s19
.....ugugauuggagacuuuu <u>aucGA</u>	4	1	s19
.....ugugauuggagacu <u>Auu</u> aucgu.....	2	1	s19
.....u <u>G</u> gauuggagacuuuu <u>aucgu</u>	1	1	s19
.....ugugauuggagacuuu <u>C</u> aucgu.....	3	1	s19
.....ugugauuggagacu <u>Cuu</u> aucgu.....	3	1	s19
.....ugugauuggagacuuuu <u>aucGC</u>	2	1	s19
.....ugugauuggaga <u>Auuuu</u> aucgu.....	1	1	s19
.....ugugauuggagacuuuu <u>aucGC</u>	13	1	s19
.....ugugauuggagacu <u>Cuu</u> aucgu.....	1	1	s19
.....u <u>G</u> gauuggagacuuuu <u>aucgu</u>	1	1	s19
.....ugugauuggagacuuuu <u>aucguU</u>	6	1	s19
.....ugugauuggagacuuuu <u>aucguA</u>	1	1	s19
..... <u>u</u> gauuggagacuuuu <u>aucA</u>	1	1	s19
..... <u>u</u> gauuggagacuuuu <u>aucgu</u>	2	0	s19
..... <u>u</u> gauuggagacuuuu <u>aucguC</u>	1	1	s19
..... <u>u</u> gaaagucuuga <u>a</u> ucaC <u>g</u> c.....	3	1	s13
..... <u>u</u> gaaagucuuga <u>a</u> ucaC <u>g</u> cu.....	15	1	s13
.....a <u>u</u> gaagugugauuggagacuuuu <u>aucgu</u>	1	0	s13
.....ugugauuggagacuuuu <u>aucGA</u>	1	1	s13
.....u <u>g</u> uga <u>C</u> ggagacuuuu <u>aucgu</u>	1	1	s13
.....ugugauuggagacuuuu <u>aucgu</u>	70	0	s13
..... <u>C</u> gugauuggagacuuuu <u>aucgu</u>	1	1	s13
.....ugugauuggagacuuuu <u>aucGC</u>	9	1	s13
.....ugugauuggagacuuuu <u>aucguU</u>	1	1	s13
.....ugugauuggagacuuuu <u>aucguA</u>	1	1	s13
..... <u>g</u> augaaagucuuga <u>a</u> ucaag <u>C</u>	1	1	s12
..... <u>u</u> gaaagucuuga <u>a</u> ucaC <u>g</u> cu.....	11	1	s12
..... <u>C</u> ugugauuggagacuuuu <u>aucgu</u>	2	1	s12
.....ugugauuggagacuuuu <u>aucg</u>	1	0	s12
.....ugugauuggag <u>G</u> cuuuu <u>aucgu</u>	1	1	s12
.....ugugauuggagacuuuu <u>aucgu</u>	111	0	s12
.....ugugauuggagacu <u>Cuu</u> aucgu.....	2	1	s12
.....ugugauuggagacuuuu <u>aucGA</u>	2	1	s12
.....ugugauugga <u>U</u> acuuuu <u>aucgu</u>	1	1	s12
.....ugugauuggagacuuuu <u>aucGC</u>	1	1	s12
.....ugugauuggagacuuuu <u>auU</u> gu.....	1	1	s12
.....ugugauuggagacuuuu <u>aucGC</u>	24	1	s12
.....ugugauuggagacuuuu <u>aC</u> cu.....	2	1	s12

Star

Mature

auagaguuggagcuuguucugcacucagugucauauagaugaagucuuugaaucaagcucuuuauagaagugugauuggagacuuuuauacgu	gaucugagagcauuuauaca			
.....ugugauuggagacCuuuauacgu.....		3	1	s12
.....ugugauuggagacGuuauacgu.....		1	1	s12
.....ugugauuggagacuuuuauacguA.....		1	1	s12
.....ugugauuggagacuuuuauacguU.....		4	1	s12
.....ugauuggagacuuuuauacgu.....		1	0	s12
.....gaugaaagucuuugaaucaCgc.....		2	1	s16
.....ugaaagucuuugaaucaCgc.....		15	1	s16
.....ugugauuggagacUuuuuauacgu.....		1	1	s16
.....ugugauAggagacuuuuauacgu.....		1	1	s16
.....ugugauCggagacuuuuauacgu.....		1	1	s16
.....ugugauuggagacuuuuauacgC.....		10	1	s16
.....ugugGuuggagacuuuuauacgu.....		1	1	s16
.....ugugauuggagacuuuuauacgu.....		59	0	s16
.....ugugaGuggagacuuuuauacgu.....		1	1	s16
.....ugugauuggagacuuuuauacgA.....		4	1	s16
.....ugugauuggaAacuuuuauacgug.....		1	1	s16
.....ugugauuggagacuuuuauacgC.....		1	1	s16
.....ugugauuggagacuuuuauacguU.....		9	1	s16
.....gaugaaagucuuugaaucaCgc.....		3	1	s03
.....Ggugauuggagacuuuuauacgu.....		1	1	s03
.....ugugauuggagacuuuuauUgu.....		1	1	s03
.....ugugauuggagacuuuuauacgu.....		30	0	s03
.....ugugauuggagacUuuuauacgu.....		1	1	s03
.....ugugauuggagacuuuuauacgC.....		11	1	s03
.....ugugauuggagacuuuuauacguU.....		3	1	s03
.....ugugauuggagacuuuuauacgC.....		8	1	s06
.....ugugauuggagacuuuuauacgu.....		30	0	s06
.....ugugauuggagacuuuuauacgug.....		1	0	s06
.....ugugauuggagacuuuuauacguU.....		1	1	s06
.....ugaaagucuuugaaucaCgc.....		2	1	s15
.....ugugauuggagacuuuuauacgu.....		2	0	s15
.....ugugauuggagacuuuuauacgC.....		1	1	s04
.....gaugaaagucuuugaaucaCgc.....		1	1	s08
.....ugaaagucuuugaaucaCgc.....		11	1	s08
.....ugugauuggagacuuuuau.....		1	0	s08
.....ugugauuggagacuuuuauac.....		1	0	s08
.....ugugauuAgagacuuuuauacgu.....		1	1	s08
.....ugugauuggagacuuuuauacgu.....		41	0	s08
.....ugugauuggagacuuuuauacgC.....		12	1	s08
.....Cgugauuggagacuuuuauacgu.....		1	1	s08
.....ugugauuggagacuuuuauacgA.....		1	1	s08
.....ugugauuggagacuuuuauacgC.....		1	1	s08
.....ugugauuggagacuuuuauacguU.....		1	1	s08
.....ugauuggagacuuuuauacgu.....		1	0	s08
.....ugaugaaagucuuugaaucaCgc.....		1	1	s07
.....gaugaaagucuuugaaucaagcG.....		1	1	s07
.....gaugaaagucuuugaaucaCgc.....		1	1	s07
.....gaugaaagucuuugaaucaagc.....		1	0	s07
.....ugaaagucuuugaaucaCg.....		2	1	s07
.....ugaaagucuuugaaucaCgc.....		1	1	s07
.....ugaaagucuuugaaucaCgc.....		29	1	s07
.....ugugauuggagacuuuuauac.....		1	0	s07
.....ugugauuggagacuuuuauacA.....		2	1	s07
.....ugugauuggagacuuuuauacg.....		1	0	s07
.....ugCgauuggagacuuuuauacgu.....		1	1	s07
.....ugugauuggagacuuuuauUgu.....		4	1	s07
.....ugugauuggagacuuGuaucgu.....		1	1	s07

Star

Mature

auagaguuggagcuuguucugcacucagugucauauga	ugaaagucuugaaucaagcuuuuau	gaagugugauuggagacuuuuau	cggaucugagagcauuuauaca			
.....	ugugauuggagGcuuuuau	cgu.....		1	1	s07
.....	ugugauCggagacuuuuau	cgu.....		1	1	s07
.....	ugugauuggagacuuuuau	cCu.....		1	1	s07
.....	ugugauuggagacuuuuau	cG.....		6	1	s07
.....	ugugauuggagacuuuuau	cgu.....		316	0	s07
.....	ugugauuggagacuuuAuaucgu.....			1	1	s07
.....	ugugauuggagacuuuCaucgu.....			1	1	s07
.....	ugugauuggagacuuAuauucgu.....			2	1	s07
.....	Cgugauuggagacuuuuau	cgu.....		1	1	s07
.....	ugugauuggagacuuuuau	cG.....		5	1	s07
.....	ugugauuggagacuuuuau	cG.....		29	1	s07
.....	ugugauuggagacuuuau	cgu.....		2	1	s07
.....	ugugauuggagacuuuCaucgu.....			1	1	s07
.....	ugugauuAgagacuuuuau	cgu.....		1	1	s07
.....	ugugauuggagacuuuuau	cG.....		2	1	s07
.....	ugugauuggagacuuuuau	cG.....		5	1	s07
.....	ugugauuggagacuuuuau	cguU.....		10	1	s07
.....	ugauggagacuuuuau	cG.....		1	1	s07
.....	ugauggagacuuuuau	cgu.....		1	0	s07
.....	ugaaagucuugaaucaCgc.....			13	1	s09
.....	ugugauuggagacuuuuau	cG.....		7	1	s09
.....	ugugauuggagacuuuuAucgu.....			1	1	s09
.....	ugugauuggagacuuuuau	cG.....		2	1	s09
.....	ugugauuggagacuuuuau	cgu.....		35	0	s09
.....	ugugauuggagGcuuuuau	cgu.....		1	1	s09
.....	ugugauuggagacuuuuau	cG.....		1	1	s09
.....	ugugauuggagacuuuuau	cguU.....		5	1	s09