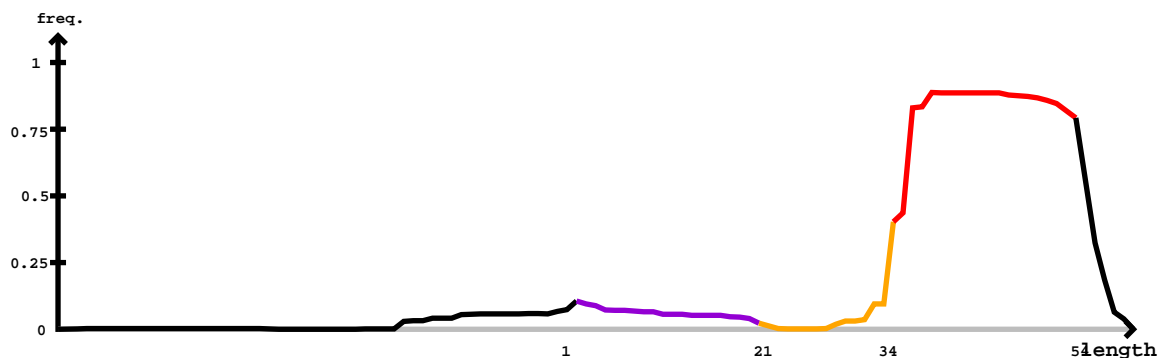


[illegible]

Star Mature

5'	-3'	obs	
		exp	
	reads	mm	sample
auggcaugguauaaaauaguuaacacaacacuuuauucgugguauacuaugggaa <u>uauccacgagucacugua</u> uaccgggaaaa <u>uacaagugacucguggg</u> auauuccaua			
auggcaugguauaaaauaguuaacacaacacuuuauucgugguauacuaugggaa <u>uauccacgagucacugua</u> uaccgggaaaa <u>uacaagugacucguggg</u> auauuccaua			
((((( ((((((.....)))))))).)))..((((((((((((((((((((((((((((((((.....))))))))).....))))))))).....)))))))))			
.....uauacuauggaauauccc.....	2	0	s07
.....uggaauauccacgagucacu.....	1	0	s07
.....aaaauacaagugacucgugggU.....	1	1	s07
.....aaauacaagugacucguggg.....	2	0	s07
.....uacaagugacucguggggaauauuccaua	5	0	s07
.....caagugacucguggggaauuu.....	10	0	s07
.....caagugacucguggggaauuAc.....	2	1	s07
.....agugacucguggggaauuu.....	3	0	s07
.....agugacucguggggaauuuc.....	1	0	s07
.....agugacucguggggaauuucc.....	1	0	s07
.....agugacucguggggaauuucU.....	1	1	s07
.....agugacucguggggaauuucca.....	2	0	s07
.....ugacucguggggaauuucca.....	2	0	s07
.....ugacucguggggaauuuccau.....	1	0	s07
.....ugacucguggggaauuuccaua	1	0	s07
.....uauccacgagucacuugu.....	4	0	s09
.....aaaauacaagugacucgu.....	1	0	s09
.....uacaagugacucguggga.....	1	0	s09
.....uacaagugacucguggga.....	2	0	s09
.....uacaagugacucgugggaau.....	1	0	s09
.....caagugacucguggggaauuu.....	2	0	s09
.....caagugacucguggggaauuuc.....	2	0	s09
.....agugacucguggggaauuuc.....	2	0	s09
.....agugacucguggggaauuuccaua	1	0	s09
.....ugacucguggggaauuuccaua	1	0	s09
.....uauccacgagucacuug.....	1	0	s04
.....agugacucguggggaauuucca.....	1	0	s04
.....uacaagugacucgugggga.....	2	0	s08
.....uacaagugacucguggggaauuuccau.....	1	0	s08
.....caagugacucguggggaauuu.....	3	0	s08

## Star

## Mature

auggcaugguauaaaauaguuaacacacacuuuauucgugguauacuauuggaa <u>uauccccacgagucacuugua</u> <u>uaccgggaaaaua</u> <u>caagugacucgugggauuu</u> ccaua			
.....agugacucgugggauuu.....	1	0	s08
.....agugacucgugggauuuucc.....	9	0	s08
.....agugacucgugggauuuucU.....	3	1	s08
.....agugacucgugggauuuucca.....	3	0	s08
.....agugacucgugggauuuuccG.....	1	1	s08
.....agugacucgugggauuuuccau.....	1	0	s08
.....gugacucgugggauuuucc.....	1	0	s08
.....ugacucgugggauuuuccaG.....	2	1	s08
.....ugacucgugggauuuuccau.....	2	0	s08
.....agugacucgugggauuu.....	1	0	s15
.....agugacucguUggauuuucca.....	2	1	s15
.....uauacuuggaauucccag.....	2	0	s03
.....auaucccacgagucacuug.....	1	0	s03
.....caagugacucgugggauuu.....	1	0	s03
.....agugacucgugggauuuucc.....	4	0	s03
.....agugacucgugggauuuucca.....	2	0	s03
.....uacaagugacucgugggauuu.....	1	0	s06
.....caagugacucgugggauuu.....	14	0	s06
.....aagugacucgugggauuuuc.....	1	0	s06
.....agugacucgugggauuu.....	8	0	s06
.....agugacucgugggauuuuc.....	1	0	s06
.....agugacucgugggauuuucU.....	2	1	s06
.....agugacucgugggauuuucc.....	3	0	s06
.....agugacucgugggauuuucca.....	1	0	s06
.....ugacucgugggauuuuccauC.....	1	1	s06
.....aaaauacaagugacucgugU.....	1	1	s16
.....aaauacaagugacucgugggC.....	1	1	s16
.....uacaagugacucgugggau.....	1	0	s16
.....caagugacucgugggauuu.....	2	0	s16
.....caagugacucgugggauuu.....	1	0	s16
.....agugacucgugggauuuuc.....	2	0	s16
.....agugacucgugggauuuucca.....	2	0	s16
.....ugacucgugggauuuuccau.....	1	0	s16
.uggcaugguauaaaauagu.....	1	0	s13
.....ugguauacuauuggaauau.....	2	0	s13
.....ugguauacuauuggaauauc.....	1	0	s13
.....aaaucccacgagucacuug.....	1	0	s13
.....auaucccacgagucacuugua.....	1	0	s13
.....uaucccacgagucGcuugua.....	1	1	s13
.....uaucccacgagucacuugua.....	1	0	s13
.....aaaauacaagugacucguggg.....	1	0	s13
.....uacaagugacucgugggga.....	1	0	s13
.....uacaagugacucgugggauuu.....	2	0	s13
.....caagugacucgugggga.....	1	0	s13
.....caagugGcuugugggauuu.....	1	1	s13
.....caagugacucgugggauuu.....	18	0	s13
.....caagugacucgugggauuuuc.....	1	0	s13
.....caagugacucgugggauuuAc.....	1	1	s13
.....agugacucguUggauuu.....	2	1	s13
.....agugacucgugggauuu.....	28	0	s13
.....agugGcuugugggauuu.....	1	1	s13
.....agugacucgugggauuuuc.....	10	0	s13
.....agugacucguUggauuuuc.....	1	1	s13
.....agugacucgugggauuuucU.....	3	1	s13
.....agugacucgugggauuuucca.....	11	0	s13
.....agugacucgugggauuuuccau.....	1	0	s13
.....auacuauuggaauGucccag.....	1	1	s12
.....auaucccacgagucacuug.....	1	0	s12
.....uaucccacgagucacuugu.....	1	0	s12
.....Caaaauacaagugacucguggga.....	1	1	s12
.....aaauacaagugacucgugggU.....	1	1	s12
.....uacaagugacucgugggauuu.....	5	0	s12
.....caagugacucgugggauuu.....	1	0	s12
.....caagugacucgugggauuu.....	6	0	s12

## Star

## Mature

auggcauggguauaaaauaguuaacacaacacuuuauucgugguauacuauuggaau <u>uacccacgagucacuugua</u> <u>uaccggg</u> aaaa <u>uacaagugacucguggg</u> gauauuuccaua			
.....aagugacucguggggaauuu.....	2	0	s12
.....agugacucguggggaauuu.....	2	0	s12
.....agugacucguggggaauuucU...	1	1	s12
.....agugacucguggggaauuucca..	1	0	s12
.....agugacucguggggaauuuccauC	1	1	s12
.....ugacucguggggaauuuccGu..	2	1	s12
.....ugacucguggggaauuuccau..	1	0	s12
.....ugacucguggggaauuuccaua	4	0	s12
.....aaaauacaagugacucgu.....	4	0	s14
.....caagugacucguggggaauuu.....	1	0	s14
.....agugacucguggggaauuucc...	3	0	s14
.....agugacucguggggaauuucca..	2	0	s14
.....ucgugguauacuauuggaaua.....	1	0	s19
.....cgugguauacuauuggaau.....	1	0	s19
.....auacaagugacucgugggga.....	1	0	s19
.....uacaagugacucgugggga.....	2	0	s19
.....caagugacucguggggaauuu.....	9	0	s19
.....caagugacucguggggaauuuccau..	1	0	s19
.....agugacucguggggaauuucU...	1	1	s19
.....agugacucguggggaauuucc...	2	0	s19
.....agugacucguggggaauuucca..	5	0	s19
.....ugacucguggggaauuucca..	3	0	s19
.....ugacucguggggaauuuccau..	1	0	s19
.....ugacucguggggaauuuccaua	4	0	s19
.....aaaauacaagugacucgu.....	1	0	s10
.....caagugacucguggggaauuu.....	5	0	s10
.....agugacucguggggaauuucc...	2	0	s10
.....ugacucguggggaauuucca..	2	0	s10
.....uacaagugacucgugggga.....	1	0	s17
.....caagugacucguggggaauuu.....	2	0	s17
.....caagugacucguggggaauuuc...	2	0	s17
.....agugacucguggggaauuu.....	2	0	s17
.....agugacucguggggaauuuc...	1	0	s17
.....agugacucguggggaauuucc...	2	0	s17
.....agugacucguggggaauuucU...	2	1	s17
.....agugacucguggggaauuucca..	7	0	s17
.....auacaagugacucgugggga.....	3	0	s01
.....uacaagugacucgugggga.....	3	0	s01
.....caagugacucguggggaau.....	2	0	s01
.....caagugacucguggggaGauu.....	1	1	s01
.....caagugacucguggggaauuu.....	6	0	s01
.....caagugacucguggggaauuuc...	1	0	s01
.....aagugacucguggggaauuu.....	1	0	s01
.....agugacucguggggaauuu.....	1	0	s01
.....agugacucguggggaauuucc...	8	0	s01
.....agugacucguggggaauuucca..	5	0	s01
.....uuuUucgugguauacuauug.....	1	1	s11
.....caagugacucguggggaauuu.....	2	0	s11
.....agugacucguggggaauuucc...	1	0	s11
.....ucgugguauaGuauggaau.....	3	1	s02
.....ucgugguauacuauuggaau.....	5	0	s02
.....ucgugguauacuauuggaaua.....	5	0	s02
.....ucgugguauacuauuggaauau.....	6	0	s02
.....ugguauacuauuggaauau.....	2	0	s02
.....ugguauacuauuggaauuuccacgagu.....	2	0	s02
.....uauacuauuggaauuuccca.....	2	0	s02
.....uauacuauuggaauuuccacg.....	4	0	s02
.....aaauuccacgagucacuu.....	3	0	s02
.....aaauuccacgagucacuug.....	1	0	s02
.....aaauuccacgagucacuugu.....	2	0	s02
.....auauuccacgagucacuu.....	1	0	s02
.....uauuccacgagucacuugu.....	5	0	s02
.....uauuccacgagucacuugua.....	5	0	s02

## Star

## Mature

auggcaugguauaaaauaguacacacacuuuauucgugguauacuauuggaa <u>uauccacgagucacuugua</u> <u>uaccgggaaaauacaagugacucgugggauauuccaua</u>			
..... <u>auccacgagucacuugua</u> .....	1	0	s02
..... <u>uccacgagucacuuguaC</u> .....	1	1	s02
..... <u>uauaccgggaaaauacaagu</u> .....	1	0	s02
..... <u>aaaauacaagugacucgugg</u> .....	1	0	s02
..... <u>aaaauacaagugacucguUgg</u> .....	1	1	s02
..... <u>aaaauacaagugacucguggU</u> .....	1	1	s02
..... <u>aaauacaagugacucgug</u> .....	2	0	s02
..... <u>aaauacaagugacucguggaua</u> .....	1	0	s02
..... <u>uacaagugacucgugggaua</u> .....	10	0	s02
..... <u>uacaagugacucgugggauau</u> .....	1	0	s02
..... <u>uacaagugacucgugggauaAu</u> .....	1	1	s02
..... <u>uacaagugacucgugggauauuccGu</u> .....	1	1	s02
..... <u>caagugacucgugggauau</u> .....	1	0	s02
..... <u>caagugacucgugggauauu</u> .....	113	0	s02
..... <u>caagugacucgugggauauuA</u> .....	4	1	s02
..... <u>caagugacucgugggauauuc</u> .....	1	0	s02
..... <u>caagugacucgugggauauucU</u> .....	2	1	s02
..... <u>caagugacucgugggauauucc</u> .....	1	0	s02
..... <u>aagugacucgugggauau</u> .....	4	0	s02
..... <u>aagugacucgugggauauu</u> .....	9	0	s02
..... <u>aagugGcucgugggauauu</u> .....	1	1	s02
..... <u>aagugacucgugggauauuc</u> .....	3	0	s02
..... <u>aagugacucgugggauauucU</u> .....	1	1	s02
..... <u>aagugacucgugggauauucc</u> .....	1	0	s02
..... <u>aagugacucgugggauauucUau</u> .....	1	1	s02
..... <u>agugacucgugggauauu</u> .....	35	0	s02
..... <u>agugacucgugggauauuc</u> .....	12	0	s02
..... <u>agugacucgugggauauucc</u> .....	34	0	s02
..... <u>agugacucgugggauauucU</u> .....	12	1	s02
..... <u>agugacucgugggauauucca</u> .....	32	0	s02
..... <u>agugacucgugggauauuccaA</u> .....	1	1	s02
..... <u>agugacucgugggauauuccaGa</u> .....	1	1	s02
..... <u>agugacucgugggauauuAcaua</u> .....	1	1	s02
..... <u>gugacucgugggauauucUaua</u> .....	2	1	s02
..... <u>ugacucgugggauauucca</u> .....	6	0	s02
..... <u>ugacucgugggauauuccau</u> .....	1	0	s02
..... <u>ugacucgugggauauuccauC</u> .....	1	1	s02
..... <u>ugacucgugggauauuccaua</u> .....	3	0	s02
..... <u>uauccacgagucacuugua</u> .....	3	0	s18
..... <u>aaauacaagugacucguggG</u> .....	2	1	s18
..... <u>uacaagugacucgugggauauuccau</u> .....	1	0	s18
..... <u>uacaagugacucgugggauauuccaua</u> .....	2	0	s18
..... <u>caagugacucgugggauauu</u> .....	6	0	s18
..... <u>caagugacucgugggauauuc</u> .....	1	0	s18
..... <u>ugacucgugggauauuccaua</u> .....	1	0	s18
auggcaugguauaaaauagu.....	1	0	s05
..... <u>ucgugguauGcuauuggaauu</u> .....	1	1	s05
..... <u>cgugguauacuauuggaauu</u> .....	1	0	s05
..... <u>uacuauuggaauauccacgaAu</u> .....	1	1	s05
..... <u>auauccacgagucacuugu</u> .....	1	0	s05
..... <u>uauccacgagucacuugua</u> .....	2	0	s05
..... <u>uauccacgagucGcuugua</u> .....	1	1	s05
..... <u>caagugacucgugggauauu</u> .....	3	0	s05
..... <u>aagugacucgugggauauuc</u> .....	1	0	s05
..... <u>agugacucgugggauauu</u> .....	1	0	s05
..... <u>agugacucgugggauauucc</u> .....	1	0	s05