



5'	3'	obs	
		exp	
	reads	mm	sample
cagacucggcgucauauguacagauauguggguugaguuugguuuguguacucugcaccgagaguuuuuuucucccggggguaaauucaggguuucccccucuccuuaaaa			
cagacucggcgucauauguacagauauguggguugaguuugguuuguguacucugcaccgagaguuuuuuucucccggggguaaauucaggguuucccccucuccuuaaaa			
(((((((((((.(((((((((...)))))))))))))))))))).....(((((((...))))).(((((((...)))))).(((((((...))))).)))).....			
.....auauguggguugaguuuggu.....	10	0	s72
.....auauguggguugaguuuggu.....	2	0	s72
.....uauauguggguugaguuuggu.....	3	0	s72
.....auguggguugaguuuggu.....	2	0	s72
.....auguggguugaguuugguug.....	1	0	s72
.....auguggguugaguuugguugg.....	2	0	s72
.....uggguugaguuugguuggu.....	1	0	s72
.....agauauguggguugCguuuugu.....	1	1	s52
.....aUauauguggguugaguuuggu.....	1	1	s52
.....auauguggguugaguuug.....	4	0	s52
.....auauguggguugaguuuggu.....	20	0	s52
.....auauguggguugaguuuggu.....	2	0	s52
.....auauguggguugaguuugguug.....	1	0	s52
.....auauguggguugaguuugguugguu.....	3	0	s52
.....uauauguggguugaguuuggu.....	4	0	s52
.....uauauguggguugaguuugguugg.....	1	0	s52
.....auguggguugaguuuggu.....	6	0	s52
.....auguggguugaguuugguug.....	8	0	s52
.....auguggguugaguuugguugg.....	4	0	s52
.....auguggguugaguuugguuggu.....	2	0	s52
.....auguggguugaguuugguugggu.....	5	0	s52
.....uguggguugaguuugguug.....	2	0	s52
.....guggguugaguuugguugggu.....	1	0	s52
.....Acucugcaccgagaguuuu.....	1	1	s52
.....acucugcaccgagaguuuu.....	1	0	s52
.....acucugcaccgagagCuu.....	1	1	s52
.....acucugcaccgagaguuuu.....	3	0	s52
.....acucugcaccgagaguuuuuu.....	1	0	s52
.....Acugcaccgagaguuuuuu.....	2	1	s52
agacucggcgucauaugu.....	1	0	s23
.....Acagauauguggguugaguu.....	1	1	s23

Star Mature

cagacucggcgucauaugucagauaugugggguugaguuuguugguuguguaacucugcaccgagaguuuuuuucucccgggguaaaucagguuuccccucuccuuaaaa

.....Acagauaugugggguugaguuugu.....	1	1	s23
.....Acagauaugugggguugaguuugu.....	1	1	s23
.....cagauaugugggguugaguuuA.....	1	1	s23
.....cagauaugugggguugaguuugu.....	1	0	s23
.....gauaugugggguugaguuugu.....	1	0	s23
.....auaugugggguugaguuug.....	16	0	s23
.....auaugugggguugaguuugu.....	21	0	s23
.....auaugugggguugaguuugu.....	6	0	s23
.....auaugugggguugaguuuguug.....	3	0	s23
.....auaugugggguugaguuuguugg.....	2	0	s23
.....auaugugggguugaguuuguuggu.....	1	0	s23
.....auaugugggguugaguuuguugguu.....	1	0	s23
.....uauugggguugaguuugu.....	2	0	s23
.....uauugggguugaguuugu.....	2	0	s23
.....augugggguugaguuugu.....	15	0	s23
.....augugggguugaguuuguug.....	11	0	s23
.....augugggguugaguuuguugg.....	4	0	s23
.....augugggguugaguuuguuggu.....	1	0	s23
.....augugggguugaguuuguugguu.....	3	0	s23
.....ugugggguugaguuuguugguu.....	1	0	s23
.....gugggguugaguuuguugguu.....	1	0	s23
.....ugggguugaguuuguugguu.....	1	0	s23
.....uCuacucugcaccgagaguuu.....	1	1	s23
.....Cuacucugcaccgagaguuu.....	1	1	s23
.....Auacucugcaccgagaguuu.....	3	1	s23
.....Cuacucugcaccgagaguuu.....	1	1	s23
.....acucugcaccgagaguuu.....	2	0	s23
.....acucugcaccgagaguuA.....	1	1	s23
.....acucugcaccgagaguuuu.....	5	0	s23
.....acucugcaccgagagCuuu.....	1	1	s23
.....acucugcaccgagagCuuuu.....	1	1	s23
.....acucugcaccgagaguuuuu.....	2	0	s23
.....acucugcaccgagaguuuuu.....	1	0	s23
.....Acugcaccgagaguuuuuu.....	1	1	s23
.....Augcaccgagaguuuuuu.....	1	1	s23
.....agacucggcgucauaugu.....	1	0	s13
.....agauaugugggguugaguuugu.....	2	0	s13
.....aUauaugugggguugaguuugu.....	3	1	s13
.....auaugugggguugaguuug.....	2	0	s13
.....auaugugggguugaguuugu.....	39	0	s13
.....auaugugggguugaguuugu.....	1	0	s13
.....uauugggguugaguuugu.....	1	0	s13
.....augugggguugaguuugu.....	2	0	s13
.....augugggguugaguuuguug.....	3	0	s13
.....augugggguugaguuuguugg.....	2	0	s13
.....augugggguugaguuuguuggu.....	1	0	s13
.....ugggguugaguuuguuggu.....	1	0	s13
.....uacucugcaccgagagCuuu.....	1	1	s13
.....aUauaugugggguugaguuugu.....	1	1	s09
.....agUauaugugggguugaguuugu.....	1	1	s09
.....auaugugggguugaguuugu.....	6	0	s09
.....auaugugggguugaguuuguugg.....	1	0	s09
.....augugggguugaguuuguug.....	2	0	s09
.....augugggguugaguuuguugg.....	1	0	s09
.....Auacucugcaccgagaguu.....	1	1	s09
.....cugcaccgagaguuuuuu.....	1	0	s09
.....agauaugugggguugaguuuguug.....	2	0	s60
.....auaugugggguugaguuug.....	22	0	s60
.....auaugugggguugaguuugu.....	28	0	s60
.....auaugugggguugaguuugu.....	2	0	s60
.....auaugugggguugaguuuguug.....	4	0	s60
.....auaugugggguugaguuuguuggu.....	1	0	s60
.....auaugugggguugaguuuguugguu.....	1	0	s60
.....auaugugggguugaguuuguugguGg.....	1	1	s60
.....uauugggguugaguuugu.....	2	0	s60
.....augugggguugaguuugu.....	11	0	s60
.....augugggguugaguuuguug.....	11	0	s60

Star Mature

cagacucggcguc <u>auaugu</u> cagau <u>augugggguagaguuugu</u> ugguugugua <u>cucugcaccgagaguuuuuu</u> ucuccggggua <u>auucagguuu</u> ccccucuccu <u>aaaa</u>			
.....augugggguagaguuugu <u>gg</u>	12	0	s60
.....augugggguagaguuugu <u>ggu</u>	4	0	s60
.....augugggguagaguuugu <u>gggu</u>	6	0	s60
.....ugugggguagaguuugu <u>g</u>	2	0	s60
.....ugugggguagaguuugu <u>gggu</u>	1	0	s60
.....gugggguagaguuugu <u>gg</u>	1	0	s60
.....acucugcaccgagaguuu <u>u</u>	1	0	s60
.....acucugcaccgagaguuu <u>uA</u>	1	1	s60
.....acucugcaccgagag <u>Cuuuuu</u>	1	1	s60
.....Aucugcaccgagaguuuuu <u>u</u>	1	1	s60
.....auaugugggguagaguuu <u>g</u>	3	0	s85
.....auaugugggguagaguuu <u>gu</u>	11	0	s85
.....auaugugggguagaguuu <u>ggg</u>	2	0	s85
.....augugggguagaguuu <u>guu</u>	1	0	s85
.....augugggguagaguuu <u>ggg</u>	4	0	s85
.....augugggguagaguuu <u>gggu</u>	1	0	s85
.....acucugcaccgagaguuu <u>u</u>	1	0	s85
.....Acagauaugugggguagaguuu <u>u</u>	1	1	s35
.....agauaugugggguagaguuu <u>u</u>	1	0	s35
.....auaugugggguagaguuu <u>g</u>	16	0	s35
.....auaugugggguagaguuu <u>gu</u>	28	0	s35
.....auaugugggguagaguuu <u>guu</u>	6	0	s35
.....auaugugggguagaguuu <u>guug</u>	7	0	s35
.....auaugugggguagaguuu <u>guuggu</u>	2	0	s35
.....auaugugggguagaguuu <u>guugguu</u>	1	0	s35
.....uauugggguagaguuu <u>gu</u>	5	0	s35
.....uauugggguagaguuu <u>guu</u>	1	0	s35
.....augugggguagaguuu <u>guu</u>	16	0	s35
.....augugggguagaguuu <u>guug</u>	11	0	s35
.....augugggguagaguu <u>Gguug</u>	2	1	s35
.....augugggguagaguuu <u>ggg</u>	8	0	s35
.....augugggguagaguuu <u>gggu</u>	3	0	s35
.....augugggguagaguuu <u>ggguu</u>	5	0	s35
.....gugggguagaguuu <u>ggg</u>	1	0	s35
.....gugggguagaguuu <u>gggu</u>	1	0	s35
.....ugggguagaguuu <u>gggu</u>	1	0	s35
.....ugggguagaguuu <u>ggguu</u>	2	0	s35
.....Aacucugcaccgagaguuu <u>u</u>	1	1	s35
.....acucugcaccgagag <u>Cuuu</u>	1	1	s35
.....acucugcaccgagaguuu <u>u</u>	3	0	s35
.....Gcucugcaccgagaguuu <u>u</u>	1	1	s35
.....acucugcaccgaga <u>Tuuuuu</u>	1	1	s35
.....acucugcaccgagag <u>Cuuuu</u>	1	1	s35
.....acucugcaccgagag <u>Cuuuuu</u>	1	1	s35
.....Acugcaccgagaguuuuu <u>u</u>	1	1	s35