



Star

5'-	aucaccgcugcucuaacgacugagcucaaggucagacgggagcaguuccccacacuagaagagcgguacacucuguauucagucggguagagcagcgugaucuaacucga	-3'	exp
(((((-( ((((((((((((((((((((((((((((.( (((. .((( (. . . .((( (. . . .))) ).. . .)) ).. )) ).. ))))))))))))))))))))))))))))))). . . . .	reads	mm	sample
.Auaccgacugagcuacaaggucag.	1	1	s72
.acugagcuacaaggucagacgggagcag.	1	0	s72
.ugagcuacaaggucagacg.	1	0	s72
.ugagcuacaaggucagacgg.	1	0	s72
.ugagcuacaaggucagacgggag.	1	0	s72
.ugagcuacaaggucagacgggagca.	1	0	s72
.agcuacaaggucGgacggga.	1	1	s72
.agcuacaaggucagacgggagc.	2	0	s72
.Acuacaaggucagacgggagcagu.	1	1	s72
.Auacaaggucagacgggagc.	1	1	s72
.Auacaaggucagacgggagca.	2	1	s72
.Auacaaggucagacgggagcag.	1	1	s72
.uacaaCgucagacgggagc.	1	1	s72
.uacaaggucagacgggagca.	1	0	s72
.acaaggucagacgggagca.	3	0	s72
.acaaggucagacgggagcag.	90	0	s72
.caaggucagacgggagca.	2	0	s72
.caaggucagacgggagcag.	9	0	s72
.caaggucagCcgggagcag.	1	1	s72
.Aaaggucagacgggagcag.	12	1	s72
.aaggucagacgggagcag.	8	0	s72
.Aguaguucagucggguagagcagcg.	1	1	s72
.Aucagucggguagagcagc.	3	1	s72
.Aucagucggguagagcagcg.	1	1	s72
.Auacuocgacugagcuaca.	1	1	s23
.Aaccgacugagcuacaagg.	1	1	s23
.Auacaaggucagacggga.	1	1	s23
.cuacaaggucagacgggag.	1	0	s23
.Auacaaggucagacgggagc.	1	1	s23
.cuacaaggucagacgggagca.	1	0	s23
.Auacaaggucagacgggagca.	5	1	s23
.cuaUaaggucagacgggagcag.	1	1	s23
.Auacaaggucagacgggagcag.	4	1	s23

## Mature

## Star

aucaccgcugcucuaccgacugagcu	acaaggucagacggggagcagu	uucccacacu	gaagagcguucacucuguagu	uucagucggguagagcagc	cgugaucuaacucga
.....cuacaaggucagacggggagcag.....	2	0			s23
.....Auacaaggucagacggggagcagu.....	1	1			s23
.....acaaggucagacggggagca.....	7	0			s23
.....acaGggucagacggggagcag.....	2	1			s23
.....acaaggucagCcgggagcag.....	2	1			s23
.....acaCggucagacggggagcag.....	2	1			s23
.....acaaggucagacggggagcag.....	135	0			s23
.....aUaaggucagacggggagcag.....	1	1			s23
.....acaaggucagacggggagcagu.....	3	0			s23
.....caaggucagacggggagca.....	1	0			s23
.....caaggucagacggggagcag.....	7	0			s23
.....Aaaggucagacggggagcag.....	20	1			s23
.....caGggucagacggggagcag.....	1	1			s23
.....caaggucagacggggagcagu.....	1	0			s23
.....Aaaggucagacggggagcagu.....	1	1			s23
.....aaggucagacggggagcag.....	11	0			s23
.....acuguagCucagucggua.....	2	1			s23
.....acuguaguucagucggua.....	1	0			s23
.....acuguaguucagucgguaA.....	3	1			s23
.....Auaguucagucggua.....	2	1			s23
.....Aucagucggua.....	8	1			s23
.....ucagucggua.....	2	0			s23
.....Aucuaaccgacugagcuacaaggucagacgg.....	2	1			s52
.....Acuaccgacugagcuacaagg.....	1	1			s52
.....Aaccgacugagcuacaag.....	5	1			s52
.....Agacugagcuacaaggucagacggggagca.....	1	1			s52
.....ugagcuacaaggucagacgg.....	1	0			s52
.....agcuacaGggucagacggga.....	1	1			s52
.....agcuacaaggucagacggggagc.....	1	0			s52
.....agcuacaaggucagacggggagca.....	1	0			s52
.....agcuacaaggucagacggggagUa.....	1	1			s52
.....agcuacaaggucagacggggagcag.....	1	0			s52
.....Acuacaaggucagacggggagcagu.....	2	1			s52
.....Auacaaggucagacggga.....	1	1			s52
.....Auacaaggucagacggggagc.....	3	1			s52
.....cuacaaggucagacggggagca.....	1	0			s52
.....Auacaaggucagacggggagca.....	2	1			s52
.....cuacaaggucagacggggagcag.....	2	0			s52
.....Auacaaggucagacggggagcag.....	7	1			s52
.....uacaaggucagacggggagcag.....	1	0			s52
.....acaaggucagacggggagc.....	1	0			s52
.....acaaggucagacggggagca.....	6	0			s52
.....acaaggucagacggggagcag.....	1	1			s52
.....aUaaggucagacggggagcag.....	1	1			s52
.....acaaggucagacggggagcag.....	181	0			s52
.....acaGggucagacggggagcagu.....	1	1			s52
.....acaaggucagacggggagcagu.....	1	1			s52
.....caaggucagacggggagca.....	1	0			s52
.....caaggucagacggggagcag.....	9	0			s52
.....Aaaggucagacggggagcag.....	15	1			s52
.....caCggucagacggggagcag.....	1	1			s52
.....caaggucagacggggagcagu.....	1	1			s52
.....aaggucagacggggagcag.....	14	0			s52
.....Aucagucggua.....	1	1			s52
.....Aucagucggua.....	7	1			s52
.....ugagcuacaaggucuaUacgg.....	1	1			s13
.....Auacaaggucagacggggagca.....	1	1			s13
.....Auacaaggucagacggggagcag.....	7	1			s13
.....uacaaggucagCcgggagc.....	1	1			s13
.....acaaggucuaUacgggagca.....	1	1			s13
.....acaaggucCgacgggagcag.....	1	1			s13
.....aUaaggucagacggggagcag.....	3	1			s13
.....acaaggucagacggggagcag.....	84	0			s13
.....Aaaggucagacggggagcag.....	8	1			s13
.....caaggucagacggggagcag.....	6	0			s13
.....aaggucagacggggagcag.....	4	0			s13
.....acuguagCucagucggua.....	3	1			s13
.....Aguaguucagucggua.....	1	1			s13

## Mature

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aucaccgcugcucuaaccgacugagcua	caaggucagacgggagcag	uucccacacu	gaagagcguucacucugua	gucagucggua	gagcagcgugaucuaacucga			
.....	.Auaguucagucggua	gagc.....	2	1	s13			
.....	.Auaguucagucggua	gagcag.....	1	1	s13			
.....	.Aucagucggua	gagcagc.....	2	1	s13			
.....	.Aucagucggua	gagcagcg.....	1	1	s13			
.....	.Acagucggua	gagcagcgu.....	2	1	s13			
.....	.ugagcuacaaggucagacgggU.....	1	1	s35				
.....	.gagcuacaaggucagacgg.....	1	0	s35				
.....	.agcuacaaggucagacgggagca.....	1	0	s35				
.....	.agcuacaaggucacAacgggagcagu.....	1	1	s35				
.....	.cuacaaggucagacggga.....	1	0	s35				
.....	.Auacaaggucagacgggag.....	3	1	s35				
.....	.Auacaaggucagacgggagc.....	3	1	s35				
.....	.cuacaaggucagacgggagca.....	2	0	s35				
.....	.cuacaaggucagacgggagcag.....	3	0	s35				
.....	.Auacaaggucagacgggagcag.....	7	1	s35				
.....	.acaaggucagacgggagca.....	7	0	s35				
.....	.acaaggucacUacgggagcag.....	2	1	s35				
.....	.acaaggucagacgggagcag.....	149	0	s35				
.....	.acaaggucagCcgggagcag.....	1	1	s35				
.....	.acaGggucagacgggagcag.....	1	1	s35				
.....	.Aaaggucagacgggagcag.....	20	1	s35				
.....	.caaggucagacgggagcag.....	9	0	s35				
.....	.aaggucCgacgggagcag.....	1	1	s35				
.....	.aaggucagCcgggagcag.....	1	1	s35				
.....	.aaggucagacgggagcag.....	24	0	s35				
.....	.acCguaguucagucggua	gagcagcg.....	2	1	s35			
.....	.Auguaguucagucggua	gagcagc.....	1	1	s35			
.....	.Auaguucagucggua	gagc.....	2	1	s35			
.....	.Aucagucggua	gagcagc.....	1	1	s35			
.....	.Aucagucggua	gagcagcg.....	16	1	s35			
.....	.Aucagucggua	gagcagcgu.....	1	1	s35			
.....	.ucagucggua	gagcagcg.....	3	0	s35			
.....	.Agacugagcuacaaggucagacgggagca.....	1	1	s85				
.....	.acugagcuacaaggucagacgggagcag.....	1	0	s85				
.....	.acaaggucagacgggagca.....	1	0	s85				
.....	.acaaggucagacgggagcag.....	17	0	s85				
.....	.acaaggucagacgggGgag.....	1	1	s85				
.....	.acaaggucCgacgggagcag.....	1	1	s85				
.....	.acaaggucagacgggagcagu.....	1	0	s85				
.....	.Aaaggucagacgggagcag.....	4	1	s85				
.....	.caaggucagacgggagcag.....	1	0	s85				
.....	.aaggucagacgggagcag.....	2	0	s85				
.....	.Aucagucggua	gagcagcg.....	6	1	s85			
.....	.ucagucggua	gagcagcg.....	1	0	s85			
.....	.Acuaccgacugagcuaca.....	1	1	s60				
.....	.acugagcuacaaggucagacgggagcag.....	2	0	s60				
.....	.agcuacaaggucGgacgg.....	1	1	s60				
.....	.Auacaaggucagacgggag.....	1	1	s60				
.....	.Auacaaggucagacgggagca.....	3	1	s60				
.....	.cuacaaggucagacgggagca.....	2	0	s60				
.....	.cuacaaggucCgacgggagca.....	1	1	s60				
.....	.cuacaaggucagacgggagcag.....	2	0	s60				
.....	.Auacaaggucagacgggagcag.....	2	1	s60				
.....	.uacaaggucagacgggagca.....	1	0	s60				
.....	.acaaggucagacgggagc.....	5	0	s60				
.....	.acaaggucagacgggagca.....	4	0	s60				
.....	.acaaggucagCcgggagca.....	1	1	s60				
.....	.acaaggucagacgggagcag.....	81	0	s60				
.....	.aUaaggucagacgggagcag.....	6	1	s60				
.....	.acaGggucagacgggagcagu.....	1	1	s60				
.....	.Aaaggucagacgggagcag.....	9	1	s60				
.....	.Uaaggucagacgggagcag.....	1	1	s60				
.....	.caaggucagacgggagcag.....	3	0	s60				
.....	.aaggucagacgggagcag.....	16	0	s60				
.....	.Auaguucagucggua	gagc.....	1	1	s60			
.....	.aguucagucggua	gagcag.....	1	0	s60			
.....	.Aucagucggua	gagcagc.....	1	1	s60			

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aucaccgcugcucuaccgacugagcuacaaggucagacgggagcaguuuccacacugaagagcguucacucuguaguucagucggguagagcagcugaucuaacucga

.....Aucagucggguagagcagcg.....	2	1	s60
.....Agacugagcuacaaggucagacgggagc.....	1	1	s09
.....ugagcuacaaggucagacgg.....	1	0	s09
.....Auacaaggucagacgggagc.....	2	1	s09
.....Auacaaggucagacgggagca.....	3	1	s09
.....cuacaaggucagacgggagca.....	1	0	s09
.....cuacaaggucagacgggagcag.....	1	0	s09
.....Auacaaggucagacgggagcag.....	4	1	s09
.....Auacaaggucagacgggagcagu.....	1	1	s09
.....uacaaggucagacgggagca.....	1	0	s09
.....uacaaggucagacgggagcag.....	1	0	s09
.....acaaggucagacgggagc.....	1	0	s09
.....acaaggucagacgggagca.....	6	0	s09
.....aUaaggucagacgggagcag.....	1	1	s09
.....acaaggucagCcgggagcag.....	1	1	s09
.....acaaggucagacgggagcaU.....	1	1	s09
.....acaaggucagacgggagcag.....	136	0	s09
.....acaaggucCgacgggagcag.....	1	1	s09
.....caaggucagacgggagca.....	3	0	s09
.....Aaaggucagacgggagcag.....	13	1	s09
.....caaggucagacgggagcag.....	12	0	s09
.....aaggucagacgggagcag.....	5	0	s09
.....Aucagucggguagagcagc.....	1	1	s09
.....Aucagucggguagagcagcg.....	1	1	s09