



5'-	3'	obs	
		exp	
	reads	mm	sample
auucaacgaguggucagaac <b>aaguc</b> uuga <b>aacccgggaacuc</b> cggauc <b>ucaaggcaagcg</b> uccuaaccacuggggccgcgcacugccuccuacaggcccauuauagguga			
auucaacgaguggucagaac <b>aaguc</b> uuga <b>aacccgggaacuc</b> cggauc <b>ucaaggcaagcg</b> uccuaaccacuggggccgcgcacugccuccuacaggcccauuauagguga			
.....(((((((.(.(((.(.(((((((.(.((((.....))))).)))))....)))).).).)))))(((((((.....))))).).....			
auucaacgaguggucaga.....	1	0	s85
.....Acggauc <u>ucaaggcaagc</u> .....	12	1	s85
auucaacgaguggucaga.....	2	0	s35
.....Aaguggucagaacaaguc <u>ugaacccggga</u> .....	1	1	s35
.....Accggauc <u>ucaaggcaagcg</u> .....	1	1	s35
.....ccggauc <u>ucaaggcaagc</u> .....	2	0	s35
.....Acggauc <u>ucaaggcaagc</u> .....	73	1	s35
.....Acggauc <u>ucaaggcaagcg</u> .....	2	1	s35
.....Acggauc <u>ucaaggcaagcg</u> uccuaacca.....	1	1	s35
.....Acggauc <u>ucaaggcaagcg</u> uccuaaccac.....	1	1	s35
.....auc <u>ucaaggcaagcg</u> uccuaaccacuggg.....	1	0	s35
.....uc <u>ucaaggcaagcg</u> uccuaaccacugg.....	1	0	s35
.....aaguc <u>ugaacccgggaacug</u> .....	2	1	s23
.....ccggauc <u>ucaaggcaagc</u> .....	2	0	s23
.....ccggauc <u>ucaaggc</u> Cagc.....	1	1	s23
.....Acggauc <u>ucaaggcaagc</u> .....	75	1	s23
.....Acggauc <u>ucaaggcaagcg</u> .....	1	1	s23
.....cggauc <u>ucaaggcaagcg</u> .....	1	0	s23
.....uccggauc <u>ucaaggcaagc</u> .....	1	0	s06
.....uccggauc <u>ucaaggcaagc</u> .....	3	0	s52
.....Acggauc <u>ucaaggcaagc</u> .....	93	1	s52
.....ccggauc <u>ucaaggcaagc</u> .....	1	0	s52
.....Acggauc <u>ucaaggcaagcg</u> .....	1	1	s52
.....Acggauc <u>ucaaggcaagcg</u> uccuaacca.....	2	1	s52
.....ggau <u>cucaaggcaagcg</u> Accuaacc.....	1	1	s52
.....auc <u>ucaaggcaagcg</u> uccuaaccacuggg.....	5	0	s52
.....Aucaagg <u>caagcg</u> uccuaaccacugggg.....	2	1	s52
.....Aucaagg <u>caagcg</u> uccuaaccacuggggcc.....	2	1	s52
.....Acaagg <u>caagcg</u> uccuaaccacuggggc.....	1	1	s52

## Star

## Mature

auucaacgaguggucagaa**ca**agucuugaa**cc**cgga**ac**uc**cgga**uc**u**ca**agg**ca**agcg**uccua**acc**acugggccgcgcacugccuccuacaggcccauuauagguga

.....acuccggauc <u>u</u> caaggcaagc.....	6	0	s09
.....uccggauc <u>u</u> caaggcaagc.....	1	0	s09
.....uccggauc <u>u</u> caaggcaagcguccua <b>acc</b> ac.....	1	0	s09
.....Acggau <u>c</u> u <b>ca</b> aggcaagc.....	47	1	s09
.....ccggauc <u>u</u> caaggcaagU.....	1	1	s09
.....ccggauc <u>u</u> caaggcaagc.....	2	0	s09
.....Acggau <u>c</u> u <b>ca</b> aggcaagcg.....	1	1	s09
.....Acggau <u>c</u> u <b>ca</b> aggcaagcg.....	1	1	s09
.....Acggau <u>c</u> u <b>ca</b> aggcaagcguccua <b>acc</b> ac.....	1	1	s09
.....aucu <b>ca</b> aggcaagcguccua <b>acc</b> acugggc.....	2	0	s09
.....ucaaggcaagcguccua <b>acc</b> acugggcc.....	1	0	s09
.....uccggauc <u>u</u> caaggcaagc.....	1	0	s72
.....ccggauc <u>u</u> caaggcaagc.....	1	0	s72
.....Acggau <u>c</u> u <b>ca</b> aggcaagc.....	34	1	s72
.....aucu <b>ca</b> aggcaagcguccua <b>acc</b> acugg.....	1	0	s72
.....Aucaaggcaagcguccua <b>acc</b> acugggcc.....	1	1	s72
auucaacgaguggucaga.....	1	0	s60
.....acuccggauc <u>u</u> caaggcaagc.....	1	0	s60
.....ccggauc <u>u</u> caaggcaagc.....	1	0	s60
.....Acggau <u>c</u> u <b>ca</b> aggcaagc.....	47	1	s60
.....aucu <b>ca</b> aggcaagcguccua <b>acc</b> ac.....	1	0	s60
.....aucu <b>ca</b> aggcaagcguccua <b>acc</b> acugg.....	2	0	s60
auucaacgaguggucaga.....	1	0	s13
.....aguc <u>u</u> uga <b>acc</b> cgga <b>aa</b> Uc.....	1	1	s13
.....acuccggauc <u>u</u> caaggcaagc.....	3	0	s13
.....uccggauc <u>u</u> caaggcaagc.....	3	0	s13
.....ccggauc <u>u</u> caaggcaagc.....	1	0	s13
.....Acggau <u>c</u> u <b>ca</b> aggcaagc.....	52	1	s13
.....Acggau <u>c</u> u <b>ca</b> aggcaagcg.....	2	1	s13
.....Acggau <u>c</u> u <b>ca</b> aggcaagcguccua <b>acc</b> acu.....	1	1	s13
.....aucu <b>ca</b> aggcaagcguccua <b>acc</b> acugg.....	1	0	s13