



	-3'	obs	
		exp	
	reads	mm	sample
gguaagagcauucgacugcagaucgagaggguccuugguucaa <u>cuccgagugccccuc</u> uggaacuccuuuuguguuuucaucuuuuauuuucuucgauuuauugauuuuuu			
gguaagagcauucgacugcagaucgagaggguccuugguucaa <u>cuccgagugccccuc</u> uggaacuccuuuuguguuuucaucuuuuauuuucuucgauuuauugauuuuuu			
((((((((((..(((..((.(.(((.(((((. ((.....))))).)..)))).)..)).)..)))))))).))).....			
gAuagagcauucgacugca.....	1	1	s52
Aguagagcauucgacugca.....	2	1	s52
.guaagagcauucgacugca.....	1	0	s52
...agagcauucgacugcagaucgagagg.....	1	0	s52
...agagcauucgacugcagaucgagaggu.....	1	0	s52
.....ucgacugcagaucgagaggguccuugguu.....	1	0	s52
.....acugcagaucgagaggguccuugguucaa.....	1	0	s52
.....cugcagaucgagaggguccuugguucaa.....	1	0	s52
.....agaucgagaggguccuugguuca.....	1	0	s52
.....Aaucgagaggguccuugguuca.....	1	1	s52
.....aucgagaggAccuuggnuuc.....	1	1	s52
.....aucgagaggguccuuggnuuc.....	32	0	s52
.....aucgagaggguccuuggnuuca.....	118	0	s52
.....aucgCgaggguccuuggnuuca.....	1	1	s52
.....aucgagagguACuuggnuuca.....	1	1	s52
.....aucgagGggguccuuggnuuca.....	1	1	s52
.....Acgagaggguccuuggnuuc.....	3	1	s52
.....ucgagaggguccuuggnuuca.....	5	0	s52
.....Acgagaggguccuuggnuuca.....	8	1	s52
.....ucgagaggguCAuuggnuuca.....	1	1	s52
.....cgagaggguccuuggnuuca.....	2	0	s52
.....Agagaggguccuuggnuuca.....	7	1	s52
.....uggnuucaaacuccgagugccccuc.....	1	0	s52
.....aacuccgagugccccuc.....	1	0	s52
.....acuuccgagugccccucC.....	1	1	s52
.....Aagugccccucuggaacuccuuu.....	1	1	s52
 Aguagagcauucgacugc.....	 3	 1	 s23
Aguagagcauucgacugca.....	2	1	s23
.....aucgagaggguccuugguu.....	2	0	s23
.....aucgagaggguccuuggnuuc.....	43	0	s23
.....aucgCgaggguccuuggnuuc.....	1	1	s23
.....aucgagCggguccuuggnuuc.....	1	1	s23

Mature Star

gguaagagcauucgacugcagau cgagaggguccuugguuca a acuccgagugccccuc uggaacuccuuuuguguuuuaucaucuuuuauuuuucgauuuuugauuuuuc			
.....aucgagaggCccuugguuca.....	1	1	s23
.....aucgagaggguccuugguuca.....	167	0	s23
.....ucgagaggguccuugguuc.....	3	0	s23
.....Acgagaggguccuugguuc.....	3	1	s23
.....ucgagCgguccuugguuc.....	1	1	s23
.....Acgagaggguccuugguuca.....	12	1	s23
.....ucgagaggguccuugguuca.....	6	0	s23
.....cgagaggguccuugguuca.....	1	0	s23
.....Agagaggguccuugguuca.....	6	1	s23
.....acuccgagugccccucC.....	1	1	s23
Aguagagcauucgacugc.....	3	1	s72
gguaagagcauucgacugca.....	1	0	s72
Aguagagcauucgacugca.....	5	1	s72
Aguagagcauucgacugcagaucg.....	1	1	s72
.Auagagcauucgacugca.....	1	1	s72
.Auagagcauucgacugcagaucgagag.....	1	1	s72
.Auagagcauucgacugcagaucgagagg.....	1	1	s72
.Auagagcauucgacugcagaucgagaggu.....	1	1	s72
...agagcauucgacugcagaucgagag.....	1	0	s72
.....agcauucgacugcagauc.....	1	0	s72
.....gcauucgacugcagaucgagaggu.....	1	0	s72
.....auucgacugcagaucgaga.....	1	0	s72
.....auucgacugcagaucgagaggu.....	1	0	s72
.....Aucgacugcagaucgagag.....	1	1	s72
.....Aucgacugcagaucgagagg.....	1	1	s72
.....Aucgacugcagaucgagaggguccuug.....	1	1	s72
.....Acgacugcagaucgagag.....	2	1	s72
.....Acgacugcagaucgagaggguccuu.....	2	1	s72
.....aucgagaggguccuugguu.....	4	0	s72
.....aucgagaggguccuugguuc.....	21	0	s72
.....aucgagaggguccuugguuca.....	79	0	s72
.....ucgagaggguccuugguuc.....	3	0	s72
.....ucgagaggguccuugguuca.....	1	1	s72
.....ucgagaggguccuugguuca.....	3	0	s72
.....Acgagaggguccuugguuca.....	5	1	s72
.....Agagaggguccuugguuca.....	8	1	s72
.....aacuccgagugccccucC.....	1	1	s72
.....acuccgagugccccucC.....	1	1	s72
Aguagagcauucgacugc.....	1	1	s09
Aguagagcauucgacugca.....	2	1	s09
.....aucgagaggguccuugguu.....	1	0	s09
.....aucgagaggguccuugguuc.....	26	0	s09
.....aucgagaggguccuugguuca.....	131	0	s09
.....aucUagaggguccuugguuca.....	1	1	s09
.....aucgagCgguccuugguuca.....	1	1	s09
.....aucgCgaggguccuugguuca.....	1	1	s09
.....ucgagaggguccuugAuuc.....	1	1	s09
.....ucgagaggguccuugguuc.....	2	0	s09
.....ucgagCgguccuugguuca.....	1	1	s09
.....ucgaUaggguccuugguuca.....	1	1	s09
.....ucgagaggguccuugguCca.....	1	1	s09
.....ucgagaggguccuugguuca.....	8	0	s09
.....Acgagaggguccuugguuca.....	17	1	s09
.....ucgagaggguccuugguucaacuccga.....	1	0	s09
.....Agagaggguccuugguuca.....	4	1	s09
.....acuccgagugccccucC.....	4	1	s09
Aguagagcauucgacugc.....	2	1	s60
Aguagagcauucgacugca.....	2	1	s60
Aguagagcauucgacugcagau.....	1	1	s60
Aguagagcauucgacugcagauc.....	2	1	s60
Aguagagcauucgacugcagaucgagagg.....	2	1	s60
.guagagcauucgacugca.....	1	0	s60
.guagagcauucgacugcagaucgagagg.....	1	0	s60
...Aagcauucgacugcagaucgagagg.....	1	1	s60
.....agcauucgacugcagauc.....	1	0	s60
.....agcauucgacugcagaucga.....	1	0	s60
.....auucgacugUagaucgagaggu.....	1	1	s60

Mature Star

ggugagagcauucgacugcagaucgagaggguccuuggucaaacuccgagugccccucucggaacuccuuuuguguuuucacucuuuuauuuucuuucgauuuuugauuuuuc			
.....Aucgacugcagauucgagaggguccuug.....	2	1	s60
.....Agacugcagauucgagaggguccuug.....	1	1	s60
.....acugUagauucgagaggguccuugguuc.....	1	1	s60
.....Aaucgagaggguccuugguuca.....	1	1	s60
.....aucgagaggguccuugguu.....	1	0	s60
.....aucgagagggAccuugguu.....	2	1	s60
.....aucgagagggAccuugguuc.....	5	1	s60
.....aucgagaggguccuugguuc.....	32	0	s60
.....aucgagaggguccuugguuca.....	85	0	s60
.....aucgagGgguccuugguuca.....	1	1	s60
.....aucgagaggguccuugguucaac.....	1	0	s60
.....Acgagaggguccuugguuc.....	7	1	s60
.....ucgagaggguccuugguuc.....	2	0	s60
.....ucgagaggguccuugguuca.....	5	0	s60
.....Acgagaggguccuugguuca.....	7	1	s60
.....cgagCgguccuugguuca.....	1	1	s60
.....cgagaggguccuugguuca.....	3	0	s60
.....Agagaggguccuugguuca.....	3	1	s60
.....aacuccgagugccccuc.....	1	0	s60
.....acuccgagugccccucC.....	2	1	s60
.....Aagugccccucucggaacuccuu.....	1	1	s60
Aguagagcauucgacugca.....	5	1	s35
Aguagagcauucgacugcaga.....	1	1	s35
Aguagagcauucgacugcagauc.....	3	1	s35
Aguagagcauucgacugcagaucgagag.....	1	1	s35
.Auagagcauucgacugcagauc.....	2	1	s35
.Auagagcauucgacugcagaucgagag.....	2	1	s35
..Aagagcauucgacugcagauc.....	1	1	s35
..Aagagcauucgacugcagaucgaga.....	2	1	s35
..agagcauucgacugcagauc.....	1	0	s35
..Aagcauucgacugcagaucgagag.....	1	1	s35
..Acauucgacugcagaucgagaggu.....	1	1	s35
..Acauucgacugcagaucgagagguuc.....	1	1	s35
.....Aucgacugcagaucgagaggg.....	1	1	s35
.....Aucgacugcagaucgagaggguccuug.....	1	1	s35
.....Aucgacugcagaucgagaggguccuugg.....	1	1	s35
.....Acgacugcagaucgagaggu.....	2	1	s35
.....cgacugcagaucgagaggu.....	1	0	s35
.....aucgagaggguccuugguu.....	1	0	s35
.....aucgagaggguccuugguuA.....	1	1	s35
.....aucgagaggguccAugguuc.....	1	1	s35
.....aucgagaggguccuugguuc.....	25	0	s35
.....aucgagagguAcuugguuc.....	1	1	s35
.....aucgagaggguccuugguucC.....	1	1	s35
.....aucgagaggguccAugguuca.....	1	1	s35
.....aucgagaggguccuugguuca.....	1	1	s35
.....aucgagaggguccuugguuca.....	142	0	s35
.....aucgagaggguccAugguuca.....	1	1	s35
.....Acgagaggguccuugguuc.....	6	1	s35
.....ucgagaggguccuugguuc.....	3	0	s35
.....ucgagCgguccuugguuca.....	1	1	s35
.....Acgagaggguccuugguuca.....	24	1	s35
.....ucgagaggguccuugguuca.....	12	0	s35
.....Agagaggguccuugguuca.....	14	1	s35
.....cgagaggguccuugguuca.....	2	0	s35
.....Agagaggguccuugguucaacu.....	1	1	s35
.....acuccgagugccccucC.....	4	1	s35
Aguagagcauucgacugc.....	3	1	s85
.guagagcauucgacugca.....	1	0	s85
.Auagagcauucgacugcagauc.....	1	1	s85
.guagagcauucgacugcagauc.....	1	0	s85
.Auagagcauucgacugcagaucgag.....	1	1	s85
..agagcauucgacugcagaucgaga.....	2	0	s85
.....cugcagaucgagaggucc.....	1	0	s85
.....Aaucgagaggguccuuggu.....	3	1	s85
.....Aaucgagaggguccuugguuc.....	2	1	s85
.....Aaucgagaggguccuugguuca.....	2	1	s85
.....aucgagaggguccuugguu.....	6	0	s85

Mature Star

gguaagagcauucgacugcag	aucgagagguccuugguuca	aacuccgagugccccucuggaacuccuuuuguguuuuc	aucuuuuauuuuuucgauuuugauuuuuc			
.....	aucgCgagguccuugguuc	.....		1	1	s85
.....	aucgagagguccuugguuc	.....		63	0	s85
.....	aucgagaggguAcuugguuca	.....		1	1	s85
.....	aucgagagguccuugguuUa	.....		1	1	s85
.....	aucgagagguccuugguucC	.....		2	1	s85
.....	aucgagagguccuugguuca	.....		170	0	s85
.....	ucgagagguccuugguuc	.....		3	0	s85
.....	Acgagagguccuugguuc	.....		5	1	s85
.....	ucgagCgguccuugguuca	.....		1	1	s85
.....	Acgagagguccuugguuca	.....		4	1	s85
.....	ucgagagguccuugguuca	.....		6	0	s85
.....	cgcgagguccuugguuca	.....		1	1	s85
.....	cgcgCgguccuugguuca	.....		1	1	s85
.....	cgcgagguccuugguuca	.....		1	0	s85
.....	Agagagguccuugguuca	.....		4	1	s85
.....	agagguccuugguucaacuccg	.....		1	0	s85
Aguagagcauucgacugc	.....			5	1	s13
gguaagagcauucgacugc	.....			1	0	s13
Aguagagcauucgacugca	.....			6	1	s13
.....	aucgagagguccuugguu	.....		2	0	s13
.....	aucgagagguccuugguuc	.....		23	0	s13
.....	aucgCgagguccuugguuca	.....		1	1	s13
.....	aucgagagguccuugguCca	.....		1	1	s13
.....	aucgagagguccuugguuca	.....		148	0	s13
.....	aucgagagguccuugAuuca	.....		1	1	s13
.....	aucgagagguccAugguuca	.....		1	1	s13
.....	aucgagagguccuugguucaac	.....		2	0	s13
.....	ucgagagguccuugguuc	.....		4	0	s13
.....	Acgagagguccuugguuc	.....		5	1	s13
.....	ucgagagguccuugguuca	.....		5	0	s13
.....	Acgagagguccuugguuca	.....		13	1	s13
.....	Agagagguccuugguuca	.....		5	1	s13
.....	cgcgagguccuugguuca	.....		4	0	s13