



5'	agucggaugcauccgacuaagaucgcggagggucguggguucgaa <u>ucccaucuggggcucggaauuuu</u> uccgagauccag <u>uugguucua</u> ccaucauuuuc <u>auugcaugugu</u>	-3'	obs	
	agucggaugcauccgacuaagaucgcggagggucguggguucgaa <u>ucccaucuggggcucggaauuuu</u> uccgagauccag <u>uugguucua</u> ccaucauuuuc <u>auugcaugugu</u>		exp	
	(((((.....)))))).....(((.....)))(((.(((.(.((((((.....)))))).)))))).))))).)).....	reads	mm	sample
.....	.Acgacuaagaucgcggagggg.....	1	1	s85
.....	.....cgaaucUcaucuggggcucggaauuu.....	1	1	s85
.....	.....aaucccaucuggggcucggaUA.....	1	1	s85
.....	.....aucccaucuggggcucggaau.....	1	0	s85
.....	.....aucccaucuggggcucggauuuu.....	1	0	s85
.....	.....Acccaucuggggcucggaauu.....	4	1	s85
.....	.....Acccaucuggggcucggauuuu.....	3	1	s85
.....	.....Acccaucuggggcucggauuuuu.....	1	1	s85
.....	.....auccgacuaagaucgcgga.....	2	0	s35
.....	.....auccgacuaagaucgcggagggucg.....	1	0	s35
.....	.....auccgacuaagaucgcggagggucgugg.....	1	0	s35
.....	.....Agacuaagaucgcggagggucgugggu.....	2	1	s35
.....	.....cgaggggucguggguucg.....	1	0	s35
.....	.....cgaggggucguggguucga.....	1	0	s35
.....	.....Auggguucgaaucccaucuggggcucgga.....	1	1	s35
.....	.....Acgaaucccaucuggggcucgga.....	1	1	s35
.....	.....Acgaaucccaucuggggcucgga.....	1	1	s35
.....	.....Acgaaucccaucuggggcucggaauu.....	2	1	s35
.....	.....Acgaaucccaucuggggcucggaauuu.....	2	1	s35
.....	.....gaucccaucuggggcucgga.....	1	0	s35
.....	.....aaucccaucuggggcucgg.....	1	0	s35
.....	.....aaucccaucuggggcucgga.....	1	0	s35
.....	.....aaucccaucuggggcucgga.....	3	0	s35
.....	.....aaucccaucuggggcucggaau.....	2	0	s35
.....	.....aaucccaucuggggcucggaauu.....	7	0	s35
.....	.....aaucccaucuggggcucggaauuu.....	1	0	s35
.....	.....aaucccaucuggggcucggaauuuu.....	2	0	s35
.....	.....aucccaucuggggcucgg.....	9	0	s35
.....	.....aucccaucuggggcucgga.....	1	0	s35
.....	.....aucccaucuggggcucgga.....	3	0	s35
.....	.....aucccaucuggggcucggaUA.....	1	1	s35
.....	.....aucccaucuggggcucggaau.....	12	0	s35

Mature Star

agucgggaugcauccgacuaagaucgcggaggguucgaa <u>ucccaucuggggcucggauuuu</u> uccgagauccag <u>uugguucua</u> cccauauuuc <u>auuugucaugugu</u>			
..... <u>.aucccaucuggggcucggauuu</u>	17	0	s35
..... <u>.aucccaucuggggcucggauuu</u>	10	0	s35
..... <u>.aucccaucuggggcucggauuuuu</u>	6	0	s35
..... <u>.aucccaucuggggcucggauuuuuu</u>	1	0	s35
..... <u>.Acccaucuggggcucgga</u>	2	1	s35
..... <u>.ucccaucuggggcucggau</u>	1	0	s35
..... <u>.Acccaucuggggcucggau</u>	4	1	s35
..... <u>.Acccaucuggggcucggauu</u>	16	1	s35
..... <u>.Acccaucuggggcucggauuu</u>	34	1	s35
..... <u>.ucccaucuggggcucggauuu</u>	2	0	s35
..... <u>.ucccaucuggggcucggauuuu</u>	2	0	s35
..... <u>.Acccaucuggggcucggauuuu</u>	26	1	s35
..... <u>.ucccaucuggggcucggauuuuu</u>	1	0	s35
..... <u>.Acccaucuggggcucggauuuuu</u>	23	1	s35
..... <u>.Acccaucuggggcucggauuuuuu</u>	6	1	s35
..... <u>.cccaucuggggcucggauuu</u>	2	0	s35
..... <u>.cccaucuggggcucggauuuu</u>	1	0	s35
..... <u>.cccaucuggggcucggauuuA</u>	1	1	s35
..... <u>.cccaucuggggcucggauuuuu</u>	1	0	s35
..... <u>.cccaucuggggcucggauuuuuu</u>	1	0	s35
..... <u>.Acccaucuggggcucggauuuuuu</u>	1	1	s35
..... <u>.cccaucuggggcucggauuu</u>	1	0	s35
..... <u>.caucuggggcucggauuu</u>	1	0	s35
..... <u>.cGucuggggcucggauuuu</u>	1	1	s35
..... <u>.caucuggggcucggauuuuu</u>	1	0	s35
..... <u>.aucuggggcucggauuuu</u>	12	0	s35
..... <u>.aucuggggcucggauuuuu</u>	12	0	s35
..... <u>.aucuggggAucggauuuuu</u>	1	1	s35
..... <u>.aucuggggcucggauuuuu</u>	1	1	s35
..... <u>.aucuggggcucggauuuuuu</u>	2	0	s35
..... <u>.Acuggggcucggauuuuuu</u>	2	1	s35
..... <u>.cggaggguucgugggguucg</u>	1	0	s23
..... <u>.agggucgugggguucgaau</u>	1	0	s23
..... <u>.Acgaaucccaucuggggcucggauu</u>	2	1	s23
..... <u>.Acgaaucccaucuggggcucggauuu</u>	2	1	s23
..... <u>.gaaucccaucuggggcucggauu</u>	1	0	s23
..... <u>.gaaucccaucuggggcucggauuuu</u>	1	0	s23
..... <u>.aaucccaucuggggcucgga</u>	1	0	s23
..... <u>.aaucccaucuggggcucggau</u>	1	0	s23
..... <u>.aaucccaucuggggcucggauu</u>	2	0	s23
..... <u>.aaucccaucuggggcucggauuu</u>	3	0	s23
..... <u>.aaucccaucuggggcucggauuuu</u>	3	0	s23
..... <u>.aaucccGucuggggcucggauuuu</u>	1	1	s23
..... <u>.aaucccaucuggggcucggauuuu</u>	2	1	s23
..... <u>.aaucccaucuggggcucggauuuuu</u>	1	0	s23
..... <u>.aucccaucuggggcucgg</u>	3	0	s23
..... <u>.aucccaucuggggcucggauu</u>	2	0	s23
..... <u>.aucccaucuggggcucggauuu</u>	8	0	s23
..... <u>.aucccaucuggggcucggauuuu</u>	5	0	s23
..... <u>.aucccaucuggggcucggauuuA</u>	1	1	s23
..... <u>.aucccaucuggggcucggaGuuu</u>	1	1	s23
..... <u>.aucccaucuggggcucggauuuuu</u>	3	0	s23
..... <u>.aucccaucGgggcucggauuuuu</u>	1	1	s23
..... <u>.Acccaucuggggcucgga</u>	1	1	s23
..... <u>.Acccaucuggggcucggau</u>	1	1	s23
..... <u>.Acccaucuggggcucggauu</u>	3	1	s23
..... <u>.Acccaucuggggcucggauuu</u>	9	1	s23
..... <u>.Acccaucuggggcucggauuuu</u>	13	1	s23
..... <u>.ucccaucuggggcucggauuuu</u>	1	0	s23
..... <u>.Acccaucuggggcucggauuuuu</u>	1	1	s23
..... <u>.Acccaucuggggcucggauuuuuu</u>	2	1	s23
..... <u>.cccaucuggggcucggauuu</u>	3	0	s23
..... <u>.cccaucuggggcucggauuuu</u>	3	0	s23
..... <u>.Acccaucuggggcucggauuuuuu</u>	3	1	s23
..... <u>.cccaucuggggcucggCuuuuu</u>	1	1	s23
..... <u>.cccaucuggggcucggauuuu</u>	1	0	s23
..... <u>.caucuggggcucggauuuu</u>	1	0	s23
..... <u>.aucuggggcucggauuuu</u>	10	0	s23
..... <u>.aucuggggcucggauuuuu</u>	6	0	s23

Mature Star

agucgggaugcauccgacuaagaucgcggaggguucgugggguucgaa <u>ucccaucuggggcucggauuuuu</u> uccgagauccagau <u>ggguuca</u> cccaucauuuauuugucaugugu			
.....ucuggggcucggauuuuu.....	1	0	s23
.....Acuggggcucggauuuuu.....	1	1	s23
.....Auuuuccgagauccagauugg.....	1	1	s23
.....auccgacuagaucgcggaggggu.....	1	0	s52
.....aucgcggaggguucgugggguucg.....	2	0	s52
.....Agcggaggguucgugggguucgaa.....	1	1	s52
.....ggaggguucgugggguucgaaucc.....	1	0	s52
.....ucgugggguucgaaucccaucuggggcucg.....	1	0	s52
.....Acgaaucccaucuggggcucgga.....	2	1	s52
.....Acgaaucccaucuggggcucggau.....	1	1	s52
.....Acgaaucccaucuggggcucggauu.....	1	1	s52
.....cgaaucccaucuggggcucgga.....	1	0	s52
.....cgaaucccaucuggggcucggauA.....	1	1	s52
.....cgaaucccaucuggggcucggauuu.....	1	0	s52
.....cgaaucccaucuggggcucggauuuu.....	1	0	s52
.....gaaucccaucuggggcucggauuuu.....	1	0	s52
.....aaucccaucuggggcucgga.....	1	0	s52
.....aaucccaucuggggcucggauu.....	4	0	s52
.....aaucccaucuggggcucggauA.....	1	1	s52
.....aaucccaucuggggcucggauuu.....	11	0	s52
.....aaucccaucuggggcucggauuA.....	1	1	s52
.....aaucccaucuggggcucggauuuu.....	3	0	s52
.....aaucccaucuggggcucggauuuu.....	3	0	s52
.....aucccaucuggggcucgg.....	1	0	s52
.....aucccaucuggggcucggau.....	1	0	s52
.....aucccaucuggggcucggauu.....	12	0	s52
.....aucccaucuggggcucggauuA.....	2	1	s52
.....aucccaucuggggcucggauuu.....	16	0	s52
.....aucccaucuggggcucggauAuu.....	1	1	s52
.....aucccaucuggggcucggauuuu.....	19	0	s52
.....aucccaucuggggcucggauuuu.....	11	0	s52
.....aucccaucuggggcucggauAuuu.....	1	1	s52
.....aucccaucuggggcucggauuuuu.....	2	0	s52
.....aucccaucuggggcucggauuuuu.....	2	1	s52
.....Acccaucuggggcucgga.....	1	1	s52
.....ucccaucuggggcucggau.....	1	0	s52
.....Acccaucuggggcucggau.....	2	1	s52
.....ucccaucuggggcucggauu.....	1	0	s52
.....Acccaucuggggcucggauu.....	12	1	s52
.....ucccaucuggggcucggauuu.....	2	0	s52
.....Acccaucuggggcucggauuu.....	39	1	s52
.....Acccaucuggggcucggauuuu.....	18	1	s52
.....ucccaucuggggcucggauuuu.....	1	0	s52
.....ucccaucuggggcucggauAuuu.....	1	1	s52
.....Acccaucuggggcucggauuuuu.....	7	1	s52
.....Acccaucuggggcucggauuuuu.....	4	1	s52
.....ucccaucuggggcucggauAuuu.....	1	1	s52
.....cccaucuggggcucggauu.....	1	0	s52
.....cccaucuggggcucggauuu.....	2	0	s52
.....cccaucuggggcucggauuuu.....	1	0	s52
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.....Acccaucuggggcucggauuuuu.....	1	1	s52
.....caucuggggcucggauuu.....	1	0	s52
.....caucuggggcucggauuuu.....	1	0	s52
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.....aucuggggcucggauuuu.....	5	0	s52
.....aucuggggcucggauuuuu.....	2	0	s52
.....aucuggggcucggauAuuuu.....	1	1	s52
.....aucuggggcucggauuuuuu.....	1	0	s52
.....Agacuagaucgcggaggguucgugggguucga.....	1	1	s60
.....Agcggaggguucgugggguuc.....	1	1	s60
.....agggucgGggguucgaaucc.....	1	1	s60
.....Acgaaucccaucuggggcucggau.....	3	1	s60
.....Acgaaucccaucuggggcucggauu.....	1	1	s60
.....Acgaaucccaucuggggcucggauuu.....	1	1	s60
.....cgaaucccaucuggggcucggau.....	1	0	s60
.....aaucccaucuggggcucgg.....	1	0	s60
.....aaucccaucuggggcucgga.....	3	0	s60

Mature Star

agucgggaugcauccgacuagaucgcggaggguucgaa <u>ucccaucuggggcucggauuuu</u> uccgagauccag <u>uugguucua</u> cccaucauuu <u>cauuugucaugugu</u>			
.....aaucccaucuggggcucggau.....	1	0	s60
.....aaucccaucuggggcucggauu.....	6	0	s60
.....aaucccGucuggggcucggauuu.....	1	1	s60
.....aaucccaucuggggcucggauuG.....	1	1	s60
.....aaucccaucuggggcucggauuu.....	9	0	s60
.....aaucccaucuggggcucggauuuu.....	1	0	s60
.....aaucccGucuggggcucggauuuu.....	1	1	s60
.....aucccaucuggggcucgg.....	2	0	s60
.....aucccaucuggggcucgga.....	2	0	s60
.....aucccaucuggggcucggau.....	1	0	s60
.....aucccaucuggggcucggauu.....	8	0	s60
.....aucccaucuggggcucggauuu.....	17	0	s60
.....aucccGucuggggcucggauuuu.....	2	1	s60
.....aucccaucuggggcucggauuuu.....	13	0	s60
.....aucccaucuggggcucggauuuu.....	2	0	s60
.....aucccaucuggggcucggauuuuu.....	2	0	s60
.....Acccaucuggggcucgga.....	1	1	s60
.....Acccaucuggggcucggau.....	2	1	s60
.....ucccaucuggggcucggauA.....	1	1	s60
.....Acccaucuggggcucggauu.....	11	1	s60
.....ucccaucuggggcucggauu.....	1	0	s60
.....ucccaucuggggcucggauuu.....	1	0	s60
.....Acccaucuggggcucggauuu.....	38	1	s60
.....Acccaucuggggcucggauuuu.....	14	1	s60
.....Acccaucuggggcucggauuuuu.....	8	1	s60
.....cccaucuggggcucggauuu.....	2	0	s60
.....cccaucuggggcucggauuuu.....	1	0	s60
.....aucuggggcucggauuuu.....	9	0	s60
.....aucuggggcucggauuuuu.....	2	0	s60
.....aucuggggcucggauuuuuu.....	1	0	s60
.....ccgacuagauCcggaggguucguggu.....	1	1	s13
.....agaucgcggaggguucgugguuU.....	1	1	s13
.....gaaucccaucuggggcucggauuuu.....	1	0	s13
.....aaucccaucuggggcucggauuuu.....	1	0	s13
.....aucccaucuggggcucggauu.....	1	0	s13
.....Acccaucuggggcucggauuuu.....	2	1	s13
.....Acccaucuggggcucggauuuuu.....	2	1	s13
.....cccaucuggggcucggauuuu.....	1	0	s13
.....Acuggggcucggauuuuuu.....	2	1	s13
.....Auuuccgagauccag <u>uugguucua</u> c.....	1	1	s13
.....Auuccgagauccag <u>uuggu</u>	1	1	s13
.....Accgagauccag <u>uugguucua</u> c.....	1	1	s13
.....auccgacuGgaucgcggagg.....	1	1	s72
.....Aaucgcggaggguucguggu.....	1	1	s72
.....cggaggguucgugguucg.....	1	0	s72
.....Acgaaucccaucuggggcucggauuu.....	1	1	s72
.....aaucccaucuggggcucgga.....	1	0	s72
.....aaucccaucuggggcucggauA.....	1	1	s72
.....aaucccaucuggggcucggauuuu.....	1	0	s72
.....aucccaucuggggcucggauu.....	1	0	s72
.....aucccaucuggggcucggauuu.....	5	0	s72
.....aucccaucuggggcucggauuuu.....	3	0	s72
.....aucccaucuggggcucggauuuuu.....	2	0	s72
.....aucccaucuggggcucggauAuuu.....	1	1	s72
.....aucccaucuggggcucggauAuuu.....	2	1	s72
.....ucccaucuggggcucggauuu.....	1	0	s72
.....Acccaucuggggcucggauuu.....	3	1	s72
.....Acccaucuggggcucggauuuu.....	5	1	s72
.....Acccaucuggggcucggauuuuu.....	1	1	s72
.....aucuggggcucggauuuu.....	3	0	s72
.....aucuggggcucggauAuuu.....	1	1	s72
.....ucuggggcucggauuuuu.....	1	0	s72
.....aaucccaucuggggcucgga.....	1	0	s09
.....ucccaucuggggcucggauu.....	1	0	s09
.....Acccaucuggggcucggauuuuu.....	2	1	s09
.....cccaucuggggcucggauuuu.....	1	0	s09
.....Accgagauccag <u>uugguucua</u> c.....	1	1	s09

Mature Star

agucgggaugcauccgacuagaucgaggaggguucgaaucccaucuggggcucggauuuuuuccgagauccaguggguucaccaucauuucauuugucaugugu