



5'	agucggaugcauccgacuaagaucgcggaggguucguggguucgaa <u>ucccaucuggggucgcggaauuuuu</u> uccgagauccag <u>uugguucu</u> acc <u>caucauuu</u> cauuugucaugugu	-3'	obs	
	agucggaugcauccgacuaagaucgcggaggguucguggguucgaa <u>ucccaucuggggucgcggaauuuuu</u> uuccgagauccag <u>uugguucu</u> acc <u>caucauuu</u> cauuugucaugugu		exp	
	(((((.....)))))).....(((.....)))(((.(((.(.(((((((((.....)))))).)))))).))))).)).....	reads	mm	sample
.....	.auccgacuGgaucgcggagggg.....	1	1	s72
.....	..Aaucgcggaggguucgugggu.....	1	1	s72
.....	.....cggaggguucguggguucg.....	1	0	s72
.....	.....Acgaa <u>ucccaucuggggucgcggauuu</u>	1	1	s72
.....	.....aa <u>ucccaucuggggucgcgga</u>	1	0	s72
.....	.....aa <u>ucccaucuggggucgcgga</u> A.....	1	1	s72
.....	.....aa <u>ucccaucuggggucgcggauuuuu</u>	1	0	s72
.....	.....a <u>ucccaucuggggucgcgga</u> u.....	1	0	s72
.....	.....a <u>ucccaucuggggucgcgga</u> uu.....	5	0	s72
.....	.....a <u>ucccaucuggggucgcgga</u> uuuu.....	3	0	s72
.....	.....a <u>ucccaucuggggucgcgga</u> uuuu.....	1	1	s72
.....	.....a <u>ucccaucuggggucgcgga</u> uuuu.....	2	0	s72
.....	.....a <u>ucccaucuggggucgcgga</u> uuuu.....	2	1	s72
.....	.....A <u>cccaucuggggucgcgga</u> uu.....	3	1	s72
.....	.....u <u>cccaucuggggucgcgga</u> uu.....	1	0	s72
.....	.....A <u>cccaucuggggucgcgga</u> uuuu.....	5	1	s72
.....	.....A <u>cccaucuggggucgcgga</u> uuuu.....	1	1	s72
.....	.....a <u>ucuggggucgcgga</u> uuuu.....	3	0	s72
.....	.....a <u>ucuggggucgcgga</u> uuuu.....	1	1	s72
.....	.....u <u>cuggggucgcgga</u> uuuu.....	1	0	s72
.....	.....auccgacuagaucgcggagggu.....	1	0	s52
.....	.....aucgcggaggguucguggguucg.....	2	0	s52
.....	.....Agcggaggguucguggguucgaa.....	1	1	s52
.....	.....ggaggguucguggguucgaa <u>ucc</u>	1	0	s52
.....	.....ucguggguucgaa <u>ucccaucuggggucgcg</u>	1	0	s52
.....	.....Acgaa <u>ucccaucuggggucgcgga</u>	2	1	s52
.....	.....Acgaa <u>ucccaucuggggucgcgga</u> u.....	1	1	s52
.....	.....Acgaa <u>ucccaucuggggucgcgga</u> u.....	1	1	s52
.....	.....cgaa <u>ucccaucuggggucgcgga</u>	1	0	s52
.....	.....cgaa <u>ucccaucuggggucgcgga</u> A.....	1	1	s52
.....	.....cgaa <u>ucccaucuggggucgcgga</u> uu.....	1	0	s52
.....	.....cgaa <u>ucccaucuggggucgcgga</u> uuuu.....	1	0	s52

Mature Star

agucggaugcauccgacuaagaucgcggaggguucgaa <u>ucccaucuggggcucggauuuu</u> <u>uccgagauccagugguucua</u> ccaucauuuauuugucaugugu			
.....gaaucccaucuggggcucggauuuu.....	1	0	s52
.....aaucccaucuggggcucggga.....	1	0	s52
.....aaucccaucuggggcucggauu.....	4	0	s52
.....aaucccaucuggggcucggauA.....	1	1	s52
.....aaucccaucuggggcucggauuA.....	1	1	s52
.....aaucccaucuggggcucggauuu.....	11	0	s52
.....aaucccaucuggggcucggauuuu.....	3	0	s52
.....aaucccaucuggggcucggauuuuu.....	3	0	s52
.....aucccaucuggggcucgg.....	1	0	s52
.....aucccaucuggggcucggau.....	1	0	s52
.....aucccaucuggggcucggauu.....	12	0	s52
.....aucccaucuggggcucggauuu.....	16	0	s52
.....aucccaucuggggcucggauuA.....	2	1	s52
.....aucccaucuggggcucggauAuu.....	1	1	s52
.....aucccaucuggggcucggauuuu.....	19	0	s52
.....aucccaucuggggcucggauuuuu.....	11	0	s52
.....aucccaucuggggcucggauAuuu.....	1	1	s52
.....aucccaucuggggcucggauuuuu.....	2	0	s52
.....aucccaucuggggcucggauAuuu.....	2	1	s52
.....Acccaucuggggcucggga.....	1	1	s52
.....ucccaucuggggcucggau.....	1	0	s52
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.....Acccaucuggggcucggauu.....	12	1	s52
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.....Acccaucuggggcucggauuuuu.....	7	1	s52
.....Acccaucuggggcucggauuuuuu.....	4	1	s52
.....ucccaucuggggcucggauAuuuu.....	1	1	s52
.....cccaucuggggcucggauu.....	1	0	s52
.....cccaucuggggcucggauuu.....	2	0	s52
.....cccaucuggggcucggauuuu.....	1	0	s52
.....Acccaucuggggcucggauuuuuu.....	1	1	s52
.....cccaucuggggcucggauAuuuu.....	1	1	s52
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.....aucuggggcucggauuuuu.....	2	0	s52
.....aucuggggcucggauAuuuu.....	1	1	s52
.....aucuggggcucggauuuuuu.....	1	0	s52
.....cgaggguucguggguucg.....	1	0	s23
.....agggucguggguucgaauc.....	1	0	s23
.....Acgaaucccaucuggggcucggauu.....	2	1	s23
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.....gaaucccaucuggggcucggauu.....	1	0	s23
.....gaaucccaucuggggcucggauuu.....	1	0	s23
.....aaucccaucuggggcucggga.....	1	0	s23
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.....aucccaucuggggcucggauuuuu.....	3	0	s23
.....aucccaucGggggcucggauuuuu.....	1	1	s23
.....Acccaucuggggcucggga.....	1	1	s23
.....Acccaucuggggcucggau.....	1	1	s23
.....Acccaucuggggcucggauu.....	3	1	s23

Mature Star

agucgggaugcauccgacuaagaucgcggaggguucgaa <u>ucccaucuggggcucggauuuu</u> uccgagaucc <u>agau</u> ggguuc <u>uac</u> caucauuu <u>cauu</u> ugucaugugu			
.....Acccaucuggggcucggauuu.....	9	1	s23
.....Acccaucuggggcucggauuu.....	13	1	s23
.....ucccaucuggggcucggauuu.....	1	0	s23
.....Acccaucuggggcucggauuuu.....	1	1	s23
.....Acccaucuggggcucggauuuu.....	2	1	s23
.....cccaucuggggcucggauuu.....	3	0	s23
.....cccaucuggggcucggauuu.....	3	0	s23
.....cccaucuggggcucggCuuuuu.....	1	1	s23
.....Acccaucuggggcucggauuuu.....	3	1	s23
.....cccaucuggggcucggauuu.....	1	0	s23
.....caucuggggcucggauuuu.....	1	0	s23
.....aucuggggcucggauuu.....	10	0	s23
.....aucuggggcucggauuuu.....	6	0	s23
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.....Acuggggcucggauuuu.....	1	1	s23
.....Auuuuccgagauccagugg.....	1	1	s23
.....ccgacuagaucCcgaggguucgugggu.....	1	1	s13
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.....Accgagauccagugguuc <u>uac</u>	1	1	s13
.....Agacuagaucgcggaggguucguggguucga.....	1	1	s60
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.....agggucgGggguucga <u>uac</u>	1	1	s60
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.....Acgaaucccaucuggggcucggau.....	1	1	s60
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.....aaucccGucuggggcucggauu.....	1	1	s60
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.....aaucccGucuggggcucggauuu.....	1	1	s60
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.....aucuggggcucggauuuu.....	2	0	s60
.....aucuggggcucggauuuu.....	1	0	s60
.....Acgacuagaucgcggaggg.....	1	1	s85

Mature Star

agucgggaugcauccgacuagaucgcggaggggucguggguucgaa <u>ucccaucuggggucgcgga</u> uuuu <u>uccgagauccag</u> u <u>ggguucac</u> caucauuu <u>cauuug</u> ucaugugu			
.....cgaauUcaucuggggucgcggauuu.....	1	1	s85
.....aaucccaucuggggucgcggaUA.....	1	1	s85
.....aucccaucuggggucgcggaau.....	1	0	s85
.....aucccaucuggggucgcggauuuu.....	1	0	s85
.....Acccaucuggggucgcggauuu.....	4	1	s85
.....Acccaucuggggucgcggauuuuu.....	3	1	s85
.....Acccaucuggggucgcggauuuuu.....	1	1	s85
.....auccgacuagaucgcgga.....	2	0	s35
.....auccgacuagaucgcggaggggucg.....	1	0	s35
.....auccgacuagaucgcggaggggucgugg.....	1	0	s35
.....Agacuagaucgcggaggggucguggu.....	2	1	s35
.....cggaggggucguggguucg.....	1	0	s35
.....cggaggggucguggguucga.....	1	0	s35
.....Auggguuucgaaucccaucuggggucgcgga.....	1	1	s35
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.....Acgaaucccaucuggggucgcggaau.....	2	1	s35
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.....Acccaucuggggucgcggauuu.....	26	1	s35
.....ucccaucuggggucgcggauuu.....	2	0	s35
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.....ucccaucuggggucgcggaau.....	1	0	s09
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.....Accgagauccagugguucua.....	1	1	s09