



5'	uacuuauugaggucgcggauuuggggaggguuauccacacuuaaaauucuguugauuucuccccuccccgcacauugaccucaucuuuacucucuuuuuuauaua	-3'	obs	
	uacuuauugaggucgcggauuuggggaggguuauccacacuuaaaauucuguugauuucuccccuccccgcacauugaccucaucuuuacucucuuuuuuauaua		exp	
(((((((.....(((((((.....(((((((.....))))).)).....))))))))......)))))).....	reads	mm	sample
.....auugaggucgcggauuuugg.....auugaggucgcggauuuugg.....	1	0	s85
.....Agaggucgcggauuuugggg.....Agaggucgcggauuuugggg.....	34	1	s85
.....Agaggucgcggauuuugggga.....Agaggucgcggauuuugggga.....	33	1	s85
.....Agaggucgcggauuuuggggag.....Agaggucgcggauuuuggggag.....	83	1	s85
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.....Agaggucgcggauuuuggggaggg.....Agaggucgcggauuuuggggaggg.....	163	1	s85
.....Agaggucgcggauuuuggggaggggu.....Agaggucgcggauuuuggggaggggu.....	89	1	s85
.....Agaggucgcggauuuuggggagggguu.....Agaggucgcggauuuuggggagggguu.....	28	1	s85
.....Agaggucgcggauuuuggggagggguua.....Agaggucgcggauuuuggggagggguua.....	112	1	s85
.....Agaggucgcggauuuuggggagggguuau.....Agaggucgcggauuuuggggagggguuau.....	8	1	s85
.....Agaggucgcggauuuuggggagggguauuc.....Agaggucgcggauuuuggggagggguauuc.....	10	1	s85
.....Agaggucgcggauuuuggggagggguauucc.....Agaggucgcggauuuuggggagggguauucc.....	33	1	s85
.....Agaggucgcggauuuuggggagggguauucca.....Agaggucgcggauuuuggggagggguauucca.....	7	1	s85
.....Agaggucgcggauuuuggggagggguauuccac.....Agaggucgcggauuuuggggagggguauuccac.....	9	1	s85
.....gagguccgGCuuugggga.....gagguccgGCuuugggga.....	1	1	s85
.....gagguccggaauuuuggggag.....gagguccggaauuuuggggag.....	1	0	s85
.....Agaggucgcggauuuuggggag.....Agaggucgcggauuuuggggag.....	1	1	s85
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.....gaggucgcggauuuuggggaggg.....gaggucgcggauuuuggggaggg.....	5	0	s85
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.....Agaggucgcggauuuuggggagggg.....Agaggucgcggauuuuggggagggg.....	11	1	s85
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.....gaggucgcggauuuuggggaggggu.....gaggucgcggauuuuggggaggggu.....	6	0	s85
.....Agaggucgcggauuuuggggagggguu.....Agaggucgcggauuuuggggagggguu.....	3	1	s85
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.....gaggucgcggauuuuggggagggguua.....gaggucgcggauuuuggggagggguua.....	4	0	s85
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.....gaggucgcggauuuuggggagggguauucA.....gaggucgcggauuuuggggagggguauucA.....	1	1	s85
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Mature

Star

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.....Aagguccggauuuggggaggguuauccaca.....	10	1	s85
.....gagguccggauuuggggaggguuauccaca.....	17	0	s85
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Mature

Star

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Mature

Star

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.Acu		1	1	s85
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.Ac		2	1	s85
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.Acc		1	1	s85
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Mature

Star

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Mature

Star

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..... .Agauuuggggaggguuauccacac.....	3	1	s35
..... .Agauuuggggaggguuauccacacuu.....	3	1	s35
..... .Agauuuggggaggguuauccacacuuaa.....	2	1	s35
..... .Aauuuggggaggguuauccaca.....	1	1	s35
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..... .Aauuuggggaggguuauccacacuu.....	1	1	s35
..... .auuuggggaggguuaucca.....	2	0	s35
..... .auuuggggaggguuauccaca.....	7	0	s35
..... .auuuggggaggguuauccacacuu.....	1	0	s35
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..... .uuuggggaggguuauccaca.....	1	0	s35
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..... .Auuggggaggguuauccaca.....	5716	1	s35
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..... .Auuggggaggguuauccacacuu.....	2	1	s35
..... .uuggggCggguuauccaca.....	10	1	s35
..... .uuggggaggguuauccaca.....	1	1	s35
..... .uuggggaggguuauccaca.....	1	1	s35
..... .uuggggaggguuauccacC.....	2	1	s35
..... .uuggUgaggguuauccaca.....	1	1	s35
..... .Aggggaggguuauccaca.....	11874	1	s35
..... .uuggggaggguuauccaca.....	369	0	s35
..... .uuggggaggguuauccaca.....	5	1	s35
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..... .Gggggaggguuauccaca.....	1	1	s35
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..... .uuggggaggguuauccacac.....	1	0	s35
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..... .auccacacuuauuucuguuga.....	1	0	s35
..... .Accacacuuauuucuguuga.....	1	1	s35
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..... .Auccccccccccgcacauugaccuca.....	1	1	s35
..... .Auccccccccccgcacauugaccucau.....	1	1	s35
..... .Accccccccccgcacauugaccucauc.....	3	1	s35
..... .Accccccccccgcacauugacc.....	4	1	s35

Mature

Star

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..... .Accccuccccgcacauugaccucauc.....	1	1	s35
..... .ccccuccccgcacauugacc.....	1	0	s35
..... .Accgcacauugaccucauc.....	1	1	s35
..... .Acacauugaccucaucuuuu.....	1	1	s35
..... .auugagguccggauuuggggaggguuU.....	1	1	s23
..... .Agagguccggauuugggg.....	5	1	s23
..... .Agagguccggauuugggga.....	89	1	s23
..... .Agagguccggauuuggggag.....	161	1	s23
..... .Agagguccggauuuggggagg.....	157	1	s23
..... .Agagguccggauuuggggaggg.....	149	1	s23
..... .Agagguccggauuuggggagggu.....	39	1	s23
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..... .Agagguccggauuuggggaggguua.....	118	1	s23
..... .Agagguccggauuuggggaggguuu.....	18	1	s23
..... .Agagguccggauuuggggaggguuau.....	17	1	s23
..... .Agagguccggauuuggggaggguuauucc.....	26	1	s23
..... .Agagguccggauuuggggaggguuauucca.....	37	1	s23
..... .Agagguccggauuuggggaggguuauuccac.....	20	1	s23
..... .gagguccggauuugggga.....	5	0	s23
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..... .gCgguccggauuuggggaggguuauuccaca.....	2	1	s23
..... .Aagguccggauuuggggaggguuauuccaca.....	7	1	s23
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..... .agguccggauuuggggaggguua.....	5	0	s23
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..... .Auccggauuuggggaggguuauuccacacuu.....	1	1	s23
..... .Accggauuuggggaggguu.....	5	1	s23
..... .ucAggauuuggggaggguua.....	1	1	s23

Star

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.....uccggaauuggggaggguua.....	1	0	s23	
.....Accggaauuuggggaggguua.....	2	1	s23	
.....Accggaauuuggggaggguau.....	1	1	s23	
.....Accggaauuuggggaggguauuccaca.....	2	1	s23	
.....uccggaauuuggggaggguauuccaca.....	5	0	s23	
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.....uccggaauuuggggaggguauuccacacuu.....	1	0	s23	
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Mature

Star

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Mature

Star

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.....Aagguccggauuuggggaggguuaucca.....	1	1	s52
.....gagguccggauuuggggaggguuaucca.....	2	0	s52
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.....Aagguccggauuuggggaggguuauccaca.....	31	1	s52
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.....gagguccgAauuuggggaggguuauccaca.....	1	1	s52
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Mature

Star

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Mature

Star

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Mature

Star

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Mature

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Mature

Star

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.....Auccggauuuggggaggguuauuccacacu.....	2	1	s72
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Mature

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Mature

Star

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Mature

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.....gagguccggauuuggggaggguu.....	4	0	s60
.....gagguccggauuuggggaggguuA.....	1	1	s60
.....gagguccggauuuggggaggguua.....	2	0	s60
.....gagguccggauuuggggaggguuu.....	1	0	s60
.....gagguccggCuuuggggaggguuu.....	1	1	s60
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.....agguccggauuuggggaggguua.....	8	0	s60
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.....Aguccggauuuggggaggg.....	4	1	s60
.....gguccggauuuggggagggu.....	1	0	s60
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.....Aguccggauuuggggaggguu.....	1	1	s60
.....Aguccggauuuggggaggguua.....	7	1	s60
.....Aguccggauuuggggaggguuaucca.....	1	1	s60
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.....Auccggauuuggggaggg.....	28	1	s60

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.....Auuccggaauuggggaggg.....	25	1	s60
.....Auuccggaauuggggaggguu.....	6	1	s60
.....Auuccggaauuggggagggguua.....	29	1	s60
.....Auuccggaauuggggagggguuauc.....	2	1	s60
.....Auuccggaauuggggagggguuaucca.....	4	1	s60
.....Auuccggaauuggggagggguuauccaca.....	12	1	s60
.....Auuccggaauuggggagggguuauccacacu.....	2	1	s60
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.....Auuggggagggguuaucccacacu.....	4	1	s60

Star

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. Auuggggagggguuauccacacu	6	1	s60	
. Auuggggagggguuauccacaua	13	1	s60	
. Auggggagggguuauccac	57	1	s60	
. Auggggagggguuauccaca	4556	1	s60	
. uGggggagggguuauccaca	1	1	s60	
. uuuggggagggguuauccaca	3	0	s60	
. Auggggagggguuauccacac	19	1	s60	
. Auggggagggguuauccacacu	92	1	s60	
. Auggggagggguuauccacacuu	13	1	s60	
. uuuggggagggguuauccacacuu	1	0	s60	
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. Auggggagggguuauccacacuuaa	3	1	s60	
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. Acccucucucgcacauugacc	15	1	s60	
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. cccucucucUcacauugacc	1	1	s60	
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