



5'		-3'	obs	
			exp	
acauaacaggaaguuccgcucugugccugac	acucuuucccuguugcacuacugggagcuguagcuagcagugcaauaaugaagggaucgguacagcugggccacuu	reads	mm	sample
acauaacaggaaguuccgcucugugccugac	acucuuucccuguugcacuacugggagcuguagcuagcagugcaauaaugaagggaucgguacagcugggccacuu			
.....((((...(((.(.(.(((.(.((((((...(((((((...(((...)))...)))))))))...))))))...))))))				
.....cacucuuucccuguugcacuac.....		2	0	s02
.....cacucuuucccuguugcacuacu.....		5	0	s02
.....acucuuucccuguugcac.....		1	0	s02
.....acucuuucccuguugcacu.....		36	0	s02
.....acucuuucccuguuCcacua.....		2	1	s02
.....acucuuucccuguugcacua.....		226	0	s02
.....acucuuucccugGugcacua.....		1	1	s02
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.....acucuuuUccuguugcacuac.....		2	1	s02
.....acucuuucccCguugcacuac.....		5	1	s02
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.....acucuuucccuguuAcacuac.....		1	1	s02
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Star

Mature

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Star

Mature

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.....acucuuuucccuguuugcacGacu				3	1	s02
.....acucuuCcccuguuugcacuacu				1	1	s02
.....acuAuuuucccuguuugcacuacu				4	1	s02
.....acuGuuuucccuguuugcacuacu				7	1	s02
.....acCuuuucccuguuugcacuacu				7	1	s02
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.....acucuuuucccuguuugcacAacu				2	1	s02
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.....acucuuuuccAuguuugcacuacu				2	1	s02
.....acuNuuuucccuguuugcacuacu				31	1	s02
.....acucGuucccuguuugcacuacu				4	1	s02
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.....Gcucuuuucccuguuugcacuacu				4	1	s02
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.....gugggagcuguagcuagA				2	1	s02
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.....gcagugcaauaauaaggga				13	0	s02
.....gcagugcaauUaugaaaggga				1	1	s02
.....Acagugcaauaauaaggga				1	1	s02
.....gcaNugcaauaauaaggga				1	1	s02
.....gcagugcaauaauaagggaUu				1	1	s02
.....gcagugcaauaauaaggga				9	0	s02

Star

Mature

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.....cagAgcaauaaugaaagg.....	1	1	s02
.....cagGgcaauaaugaaagg.....	3	1	s02
.....cagugcaaCaaugaaagg.....	104	1	s02
.....Aagugcaauaaugaaagg.....	1	1	s02
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.....cagugcaauaaugUaagg.....	1	1	s02
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Star

Mature

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.....	Uagugcaauaau	gaaagggauc	1	1
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.....	cagugcaauaau	Aaaagggauc	4	1
.....	cagugcCauaau	gaaagggauc	1	1
.....	cagugcaauaau	gaaagggaucG	6	1
.....	cagugUauaau	gaaagggauc	3	1
.....	cagGgcaauaau	gaaagggauc	21	1
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.....	cagugcaauaau	gaaagggauc	4	1
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.....	cagCgcaauaau	gaaagggauc	5	1
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.....	cGugcaauaau	gaaagggauc	33	1
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.....	cagugcaauaa	Uaaagggauc	18	1
.....	cagugcaauaau	gaaagggaucCu	247	1
.....	cagugcaauaau	gaaagggaucAau	304	1
.....	cagugcaauaau	gaaagggauc	5	1
.....	Gagugcauaau	gaaagggauc	15	1
.....	cagAgcauaau	gaaagggauc	72	1
.....	caguNcauaau	gaaagggauc	1	1
.....	cagugcaauaau	gaaagggaucG	47	1

Star

Mature

acauaacaggaaguuccgcucuguccgacacucuuuccugucacucacuguggagcugagcagcagcagugcaauaauaagaaagggcaucggucagcuggggccacuu

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.....cagugcaauaauaagaaaCggcau.....	13	1	s02
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.....cagugcaaGaaugaaagggcau.....	15	1	s02
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.....cagugcaCuaauggaaagggcau.....	13	1	s02
.....cagugcaauaauaagaaagggUau.....	21	1	s02
.....cagugcaaCaaugaaagggcau.....	80197	1	s02
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.....cagugcaUuaauggaaagggcau.....	24	1	s02
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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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.....	cagugcaauaaugaaUgggcAu	27	1	s01
.....	cagugcaauUaugaaagggcAu	5	1	s01
.....	cagugcaauaaugaaagAgcAu	52	1	s01
.....	caguAcaauaaugaaagggcAu	44	1	s01
.....	cagugcaauaaugaaagggUau	40	1	s01
.....	cagugcUauaaugaaagggcAu	24	1	s01
.....	cagugUauaaugaaagggcAu	18	1	s01
.....	cagugcaauaaAaaagggcAu	15	1	s01
.....	cagugcaauaaAgaagggcAu	29	1	s01
.....	cagugcaauaaUaaagggcAu	11	1	s01
.....	cagugGauaaugaaagggcAu	43	1	s01
.....	cagugcaauaUugaaagggcAu	13	1	s01
.....	cagugcaauaaGgaagggcAu	53	1	s01
.....	caAugcaauaaugaaagggcAu	23	1	s01
.....	cagugcGauaaugaaagggcAu	34	1	s01
.....	cagugcaaAaaugaaagggcAu	36	1	s01
.....	caUugcaauaaugaaagggcAu	15	1	s01
.....	cGgugcaauaaugaaagggcAu	37	1	s01
.....	cagugcaauaGugaaagggcAu	27	1	s01
.....	cagugcaauCaugaaagggcAu	10	1	s01
.....	cagugcaauaaugaaagggcUu	22	1	s01
.....	cagugcaauGaugaaagggcAu	52	1	s01
.....	cagugcaauaaugaaaCggcAu	8	1	s01
.....	cagugcaauaaugaNagggcAu	2	1	s01
.....	caNugcaauaaugaaagggcAu	15	1	s01
.....	cagugcaauaaugaGagggcAu	20	1	s01
.....	cagGgcaauaaugaaagggcAu	341	1	s01
.....	cagugcaauaaugaaCgggcAu	29	1	s01
.....	cagCgcaauaaugaaagggcAu	97	1	s01
.....	cagugcaUuaaagaaagggcAu	6	1	s01
.....	cagugcaauaaCaaagggcAu	6	1	s01
.....	cagNgcaauaaugaaagggcAu	13	1	s01
.....	cagugcaauaaugaaagggcAu	51861	0	s01
.....	caCugcaauaaugaaagggcAu	18	1	s01
.....	cagugcaCuaaagaaagggcAu	4	1	s01
.....	cagugcaauaaugaaaAggcAu	38	1	s01
.....	GagugcaauaaugaaagggcAu	20	1	s01
.....	cagugcaauaaugaaaggUcau	294	1	s01
.....	cagugcaauaaugaCagggcAu	39	1	s01
.....	cagugcaauaaugCaagggcAu	17	1	s01
.....	cagugcaauaaugaaagggcaG	38	1	s01
.....	cNgugcaauaaugaaagggcAu	2	1	s01
.....	cagugcaauaaugaaagggcGu	51	1	s01
.....	cagugcaauaaugaaagggcaC	8	1	s01
.....	cagugcaauaaugaaaggAcau	73	1	s01
.....	cagugcaauaaugGaaagggcAu	22	1	s01
.....	cagugcaauaaugaaagUgcau	42	1	s01
.....	cagAgcaauaaugaaagggcAu	49	1	s01
.....	cagugcaauaaugaaaUggcAu	99	1	s01
.....	AagugcaauaaugaaagggcAu	52	1	s01
.....	cagugcaauaCugaaagggcAu	81	1	s01
.....	cagugcaaGaaugaaagggcAu	34	1	s01
.....	cagugAauaaugaaagggcAu	18	1	s01
.....	cagugcaauaaugUaagggcAu	48	1	s01
.....	cagugcaauaaugaaagggAAu	149	1	s01
.....	cagugcaauaaugaaagggcauG	4	1	s01

Star

Mature

acauaacaggaaguuccgcucuguccugacacucuuucccuguugcacuacuguggagcuguagcuagcagugcaauaaugaaagggcaucggucagcuggggcacuu			
.....cagugcaauaaugaaagggcaAc.....	2	1	s01
.....cagugcaauaaugaaagggcauA.....	810	1	s01
.....cagugcaaCaaugaaagggcauc.....	5	1	s01
.....cagugcaauaaugaaagggcaCc.....	1	1	s01
.....cagugcaauaaugaaagggcauc.....	12	0	s01
.....cagugcaauaaugaaagggcauU.....	1527	1	s01
.....cagugcaUuaauggaaagggcauc.....	1	1	s01
.....cagugcaauaaugaaagggAAuc.....	1	1	s01
.....cagugcaauaaugaaagggcauAg.....	9	1	s01
.....cagugcaauaaugaaagggcaucU.....	2	1	s01
.....agugcaauaaugaaaggg.....	2	0	s01
.....agugcaauaaugaaagggc.....	19	0	s01
.....agugcaauaaugGaaagggc.....	1	1	s01
.....agugcaauaaugaaaUggc.....	1	1	s01
.....agugcaaCaaugaaagggc.....	23	1	s01
.....agAgcaauaaugaaagggc.....	1	1	s01
.....agugcaaCaaugaaagggca.....	59	1	s01
.....agugcaauUauggaaagggca.....	1	1	s01
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.....agugcaauaaugaaagggca.....	52	0	s01
.....Ggugcaauaaugaaagggcau.....	2	1	s01
.....agAgcaauaaugaaagggcau.....	6	1	s01
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.....agugcaauaaugaaCgggcau.....	1	1	s01
.....agGgcaauaaugaaagggcau.....	7	1	s01
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.....agugcaaCaaugaaagggcau.....	817	1	s01
.....agCgcaauaaugaaagggcau.....	3	1	s01
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.....agugcaauUauggaaagggcau.....	1	1	s01
.....agugcaauaaGgaaagggcau.....	1	1	s01
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.....agugcaauaaugaaagggAau.....	1	1	s01
.....agugcaauaaugaUagggcau.....	1	1	s01
.....agugcaauaaugaaagggCcau.....	3	1	s01
.....agugcaauaaugaaGgggcau.....	1	1	s01
.....agugcaauaaugaaagggcaA.....	1	1	s01
.....agugcaauaaCaaagggcau.....	1	1	s01
.....agugcaauaaugaaagggGau.....	1	1	s01
.....agugcaauaaCgaaagggcau.....	1	1	s01
.....agugcaauaaAaaagggcau.....	1	1	s01
.....agugcaauaaugaaaggAcau.....	1	1	s01
.....aUugcaauaaugaaagggcau.....	1	1	s01
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.....agugcaauaaugaaagggcau.....	977	0	s01
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.....agugcaauaaugaaagggcGu.....	3	1	s01
.....agugcaauaaugaaagggcauA.....	12	1	s01
.....agugcaauaaugaaagggcauU.....	10	1	s01
.....gugcaauaaugaaagggcau.....	2	0	s01
.....gcaaCaaugaaagggcau.....	1	1	s01