



Mature

5'	caacuaauauucucggaucagaucgagccauugcugguuuuuccacaguggua <u>cuuuccauuagaacuaucacccggguggaacua</u> gagcaguggcucgaucuuuuccacu	-3'	obs	
	caacuaauauucucggaucagaucgagccauugcugguuuuuccacaguggua <u>cuuuccauuagaacuaucacccggguggaacua</u> gagcaguggcucgaucuuuuccacu		exp	
.....(((.((.....))))))))))))))))))))))))))))))))))...)		reads	mm	sample
.....ugcugguuuuuccacagugg.....	1	0	seq	
.....ugAugguuuuuccacaguggu.....	1	1	seq	
.....ugcugguuuuuccacaguggua.....	11	0	seq	
.....gaacuaucacccggguggaacua	1	0	seq	
.....Aucacccggguggaacua	1	1	seq	
.....Aucacccggguggaacua	1	1	seq	
.....Aucacccggguggaacua	17	1	seq	
.....Aucacccggguggaacua	99	1	seq	
.....uCucacccggguggaacua	1	1	seq	
.....Cucacccggguggaacua	1	1	seq	
.....aucacccggguggaacua	1	0	seq	
.....aucacccggguggaacua	2	0	seq	
.....Cucacccggguggaacua	3	1	seq	
.....Uucacccggguggaacua	2	1	seq	
.....aucacccggguggaacua	1	1	seq	
.....aucacccggguggaacua	35	0	seq	
.....aucacccgggGggaacua	1	1	seq	
.....aucacccggguggaacua	1	1	seq	
.....Uucacccggguggaacua	2	1	seq	
.....aucaAcggguggaacua	1	1	seq	
.....aucacccggguggaacua	3	1	seq	
.....aucacccggguggaauA	1	1	seq	
.....Cucacccggguggaacua	61	1	seq	
.....aucacccggguggaacua	1	1	seq	
.....aucacccggguggaacua	2	1	seq	
.....ucaccCgguggaacua	1	1	seq	
.....ucaccgggGggaacua	1	1	seq	
.....ucaccggguggaau	1	1	seq	
.....ucaccggguggaacua	88	0	seq	
.....ucaAcggguggaacua	1	1	seq	
.....ucacccggguggaNacua	1	1	seq	
.....ucacccgggCggaacua	2	1	seq	
.....ucacccggguggaacua	1	1	seq	

Star

Mature

caacuaauuauucucggaucaagcagagccauugucggguuucuccacagugguacuuuccauuagaacuaucacccggguggaaacuagagcaguggcucgaucuuuuccacu

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.....ucacccggguCgaaacuag.....	1	1	seq
.....ucacccggguggaaaAuag.....	1	1	seq
.....ucacccgggugAaaacuagC.....	1	1	seq
.....ucacccggguggaaacuagA.....	2	1	seq
.....ucacccggguggGaaacuagC.....	1	1	seq
.....ucacccggguggaaacuCC.....	2	1	seq
.....ucacccggguggaaacuagU.....	2	1	seq
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.....ucaAcggguggaaacuagC.....	1	1	seq
.....ucacccggguggaCacuagC.....	1	1	seq
.....ucacccgggCggaaacuagC.....	1	1	seq
.....ucacccggguggaaacuCgc.....	2	1	seq
.....ucacAggguggaaacuagC.....	2	1	seq
.....ucacccgggGgaaacuagC.....	3	1	seq
.....ucacccgggugCaaacuagC.....	1	1	seq
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.....ucacccggguggaaacCagca.....	2	1	seq
.....ucacccgggAggaaacuagca.....	19	1	seq
.....Ncaccggguggaaacuagca.....	1	1	seq
.....ucaccgAguggaaacuagca.....	4	1	seq
.....ucacccggguggaaaAuagca.....	15	1	seq
.....ucaUcggguggaaacuagca.....	3	1	seq
.....ucacccggguCgaaacuagca.....	1	1	seq
.....ucGccggguggaaacuagca.....	1	1	seq
.....ucacccUgguggaaacuagca.....	6	1	seq
.....ucacccggguggaaacuaUca.....	9	1	seq
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.....uUaccggguggaaacuagca.....	1	1	seq
.....ucacccggguggaCacuagca.....	5	1	seq
.....ucacUggguggaaacuagca.....	4	1	seq
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.....ucacccggguggaaUcuagca.....	1	1	seq
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.....Ccaccggguggaaacuagca.....	3	1	seq
.....ucacccggguggGaaacuagca.....	1	1	seq
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.....ucacccggguggaaacuagAa.....	2	1	seq
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.....ucacccggguAgaacuagca.....	2	1	seq
.....ucaccAgguggaaacuagca.....	2	1	seq
.....Acaccggguggaaacuagca.....	6	1	seq
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.....ucacccggguggaaaUuagca.....	5	1	seq
.....ucacccgggNggaaacuagca.....	1	1	seq
.....ucacccggguggUaaacuagca.....	6	1	seq
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.....ucacccggguggaaacuagcG.....	10	1	seq
.....ucacccggguggaaacuagca.....	2021	0	seq
.....ucacAggguggaaacuagca.....	41	1	seq
.....ucacccggguggaaacuCCa.....	2	1	seq
.....ucacccgCuggaaacuagca.....	10	1	seq
.....ucacccggguggaaacuCgca.....	8	1	seq

Star

Mature

caacuaauuauucucgggaucagagccauugucvgguuuucuccacagugguacuuuccauuagaacuaucacccggguggaaacuagcaguggcucgaucuuuccacu

.....Gcaccgggugga <u>aa</u> cuagca.....	4	1	seq
.....ucaccgggugga <u>aa</u> cuNgc.....	1	1	seq
.....ucCccgggugga <u>aa</u> cuagcag.....	6	1	seq
.....ucaccgggugga <u>aa</u> cuagcUg.....	17	1	seq
.....ucaccgggugga <u>aa</u> cuagcGg.....	3	1	seq
.....Gcaccgggugga <u>aa</u> cuagcag.....	9	1	seq
.....ucaccgggGgga <u>aa</u> cuagcag.....	144	1	seq
.....ucaccgUgugga <u>aa</u> cuagcag.....	11	1	seq
.....ucaccggguggaCacuagcag.....	26	1	seq
.....ucaccgggugga <u>aa</u> cuagUag.....	30	1	seq
.....ucaccggguggGa <u>aa</u> cuagcag.....	14	1	seq
.....ucaccgggugga <u>aa</u> cuUgcag.....	10	1	seq
.....ucaccggguAga <u>aa</u> cuagcag.....	11	1	seq
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.....ucaGcgggugga <u>aa</u> cuagcag.....	17	1	seq
.....ucaccgggugga <u>aa</u> Uuagcag.....	20	1	seq
.....ucacUgggugga <u>aa</u> cuagcag.....	14	1	seq
.....ucaccgggugga <u>aa</u> Auagcag.....	94	1	seq
.....ucaccgggugga <u>aa</u> cuagAag.....	18	1	seq
.....ucaccggguggUa <u>aa</u> cuagcag.....	24	1	seq
.....ucaccggUugga <u>aa</u> cuagcag.....	7	1	seq
.....ucGccgggugga <u>aa</u> cuagcag.....	2	1	seq
.....ucaccgCgugga <u>aa</u> cuagcag.....	43	1	seq
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.....ucaccgggugga <u>aa</u> cuAacag.....	17	1	seq
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.....ucaccgggugga <u>aa</u> cuNgcag.....	18	1	seq
.....ucaccgggugga <u>aa</u> cuAacag.....	16	1	seq
.....ucaccgggugga <u>aa</u> Nuagcag.....	1	1	seq
.....ucaccgggugga <u>aa</u> cuagcaU.....	132	1	seq
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.....Ncaccgggugga <u>aa</u> cuagcag.....	1	1	seq
.....ucaccggguUga <u>aa</u> cuagcag.....	13	1	seq
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.....ucaccUgggugga <u>aa</u> cuagcag.....	23	1	seq
.....ucaccgggugga <u>aa</u> cuagcCg.....	12	1	seq
.....ucaccgggugA <u>aa</u> cuagcag.....	11	1	seq
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.....ucaccgggugga <u>aa</u> Ccuagcag.....	9	1	seq
.....ucaccgggugga <u>aa</u> cuagcaC.....	14	1	seq
.....ucaAcgggugga <u>aa</u> cuagcag.....	39	1	seq
.....ucaccgggugga <u>aa</u> cuCagcag.....	8	1	seq
.....ucaccgggugga <u>aa</u> Guagcag.....	13	1	seq
.....ucaccggguggaUacuagcag.....	9	1	seq
.....ucaccgggAgga <u>aa</u> cuagcag.....	117	1	seq
.....ucaccgggAugga <u>aa</u> cuagcag.....	21	1	seq
.....ucaccgggugga <u>aa</u> cuagcaA.....	34	1	seq
.....ucaccgggugga <u>aa</u> cuagcag.....	9943	0	seq
.....ucacGgggugga <u>aa</u> cuagcag.....	4	1	seq
.....ucaccgggugga <u>aa</u> cuAagcag.....	3	1	seq
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.....ucaccgggugga <u>aa</u> cuGagcag.....	3	1	seq
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.....uUaccgggugga <u>aa</u> cuagcag.....	7	1	seq
.....ucaccggguggCa <u>aa</u> cuagcag.....	14	1	seq
.....Ccaccgggugga <u>aa</u> cuagcag.....	13	1	seq
.....ucaccggguCga <u>aa</u> cuagcag.....	2	1	seq
.....ucaUcgggugga <u>aa</u> cuagcag.....	13	1	seq
.....ucaccgggugCaa <u>aa</u> cuagcag.....	22	1	seq
.....ucaccgggugga <u>aa</u> cuGgcag.....	10	1	seq
.....ucaccgggugga <u>aa</u> Gcuagcag.....	2	1	seq
.....ucaccgggugga <u>aa</u> cuCgcag.....	24	1	seq
.....uNaccgggugga <u>aa</u> cuagcag.....	12	1	seq
.....ucaccggguggaGacuagcag.....	27	1	seq
.....ucaccCggugga <u>aa</u> cuagcag.....	7	1	seq
.....ucaccggNugga <u>aa</u> cuagcag.....	2	1	seq
.....Acaccgggugga <u>aa</u> cuagcag.....	2	1	seq
.....ucaccgAgugga <u>aa</u> cuagcag.....	6	1	seq

Star

Mature

caacuaauuauucucggaucaucagagccauugcugguuuuccacagugguacuuuccauuagaacuaucacccggguggaaaacuagcaguggcucgaucuuuuccacu

.....ucaccgggugggaaacuaagGag.....	2	1	seq
.....ucaccgggCugggaaacuaagcag.....	19	1	seq
.....ucaccgggugggaaacuaagNag.....	15	1	seq
.....ucaccgggCgggaaacuaagcag.....	111	1	seq
.....ucaccUggugggaaacuaagcagu.....	269	1	seq
.....ucaccgggugggaaacuaagcGgu.....	64	1	seq
.....ucaccgggugggaaacuaagcUgu.....	304	1	seq
.....ucaccgggugCaaacuaagcagu.....	352	1	seq
.....ucaccggguCgaaacuaagcagu.....	155	1	seq
.....ucaccgggugggaaacuaUcagu.....	598	1	seq
.....ucaccgggugUaaacuaagcagu.....	132	1	seq
.....ucaccgggAuggaaacuaagcagu.....	219	1	seq
.....ucaccgggugggaaacuaagcagC.....	690	1	seq
.....ucaccgggCgggaaacuaagcagu.....	1866	1	seq
.....ucaUcgggugggaaacuaagcagu.....	204	1	seq
.....ucaccgggugggUaacuaagcagu.....	304	1	seq
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.....ucacAgggugggaaacuaagcagu.....	2793	1	seq
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.....uAaccgggugggaaacuaagcagu.....	287	1	seq
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.....uGaccgggugggaaacuaagcagu.....	183	1	seq
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.....ucaccgggugAaaacuaagcagu.....	360	1	seq
.....ucaccggguggNaacuagcagu.....	1	1	seq
.....ucaccggUugggaaacuaagcagu.....	108	1	seq
.....ucaccgggugggaaacuUgcagu.....	389	1	seq
.....ucaccggguggaaUcuagcagu.....	164	1	seq
.....ucaccgCugggaaacuaagcagu.....	757	1	seq
.....ucaccgggugggaaacuaAcagu.....	156	1	seq
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.....ucaccggguggaaCcuagcagu.....	85	1	seq
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.....ucacGgggugggaaacuaagcagu.....	38	1	seq
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.....ucacUgggugggaaacuaagcagu.....	169	1	seq
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.....ucacNgggugggaaacuaagcagu.....	9	1	seq
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.....ucaccgggugggaaacCagcagu.....	166	1	seq
.....ucaccgggugggaaacuNgcagu.....	223	1	seq
.....ucaccggguggGaacuaagcagu.....	198	1	seq
.....ucaccgggugggaaacuagUagu.....	283	1	seq

Star

Mature

caacuaauuauucucggaucaucagagccauugcugguuucuccacagugguacuuuccauuagaacuaucaccggguggaaacuagcaguggcucgaucuuuuccacu

.....ucaccgggGggaaacuagcagu.....	2808	1	seq
.....uNaccggguggaaacuagcagu.....	141	1	seq
.....ucaccggguggaaacGagcagu.....	111	1	seq
.....ucaccCgguggaaacuagcagu.....	86	1	seq
.....ucaccggguggaaGcuagcagu.....	40	1	seq
.....ucaccAgguggaaacuagcagu.....	194	1	seq
.....ucaccggguggaGacuagcagu.....	345	1	seq
.....ucaccggguggaaacuagca <u>lu</u>	132	1	seq
.....Gcaccggguggaaacuagcagu.....	192	1	seq
.....ucCccggguggaaacuagcagu.....	78	1	seq
.....ucaccggguggaaaUuagcagu.....	322	1	seq
.....ucaccgggAggaaacuagcagu.....	1629	1	seq
.....ucaccggguggaaacuagca <u>lu</u>	217	1	seq
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.....ucaccggguggaaacuagcagCg.....	1	1	seq
.....ucaccggguggaCacuagcagug.....	1	1	seq
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.....ucaccggguggaaacuagNagug.....	1	1	seq
.....ucaccggguUgaaacuagcagug.....	1	1	seq
.....ucaccggguggaaacuagcagugU.....	2	1	seq
.....Ccaccggguggaaacuagcagugg.....	1	1	seq
.....ucaccggguggaaacuagcaguUg.....	3	1	seq
.....ucaccggguggaaacuagcaguAg.....	4	1	seq
.....ucaccggguggaaacuagcaguGC.....	4	1	seq
.....ucaccggguggaaacuagcagAgg.....	1	1	seq
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.....ucaccggguggaaacuagcaguAgc.....	2	1	seq
.....ucaccggguggaaacuagcagAggc.....	1	1	seq
.....ucaccggguggaaacuagcagugCc.....	2	1	seq
.....ucaccggguggaaacuagcagugAc.....	2	1	seq
.....ucaccggguggaaacuagcaguggcu.....	1	0	seq
.....ucaccggguggaaacuagcaguggcG.....	2	1	seq
.....ucaccggguggaaacuagcagugA <u>cu</u>	1	1	seq
.....ucaccggguggaaacuagcaguggA <u>u</u>	1	1	seq
.....ucaccggguggaaacuagcaguggU <u>u</u> c.....	1	1	seq
.....ucaccggguggaaacuagcaguCgc <u>u</u> c.....	1	1	seq
.....caccggguggaaacuagca.....	1	0	seq
.....caccggguggaaacuagcag.....	13	0	seq
.....caccggguggGaaacuagcag.....	1	1	seq
.....caccggguggaaacuagcGgu.....	1	1	seq
.....caAcggguggaaacuagcagu.....	2	1	seq
.....caccgggCggaacuagcagu.....	3	1	seq
.....cCccggguggaaacuagcagu.....	1	1	seq
.....caccggguggaaacuagcagu.....	102	0	seq
.....Uaccggguggaaacuagcagu.....	2	1	seq
.....caccggguggaaacuagA <u>gu</u>	1	1	seq
.....caccggguggaaacuagcaU <u>u</u>	1	1	seq
.....caccgggGggaacuagcagu.....	16	1	seq
.....caccgggAggaaacuagcagu.....	3	1	seq
.....caccggguggaaa <u>lu</u> agcagu.....	3	1	seq
.....caccggguggaaacuagcaguU.....	34	1	seq
.....caccggguggaaacuagcaguA.....	10	1	seq
.....accggguggGaaacuagca.....	1	1	seq

Star

Mature

caacuaauuauucucggauccagagccauugcugguuuuccacagugguacuuuccauuagaacuaucacccggguggaaacuagcaguggcucgaucuuuuccacu

.....accCgguggaa <u>aa</u> cuagca.....	2	1	seq
.....accggguggaa <u>G</u> cuagca.....	1	1	seq
.....accggguggaa <u>aa</u> cuagca.....	11	0	seq
.....accgggugga <u>G</u> cuagcag.....	1	1	seq
.....accggguggaa <u>aa</u> cuaUcag.....	1	1	seq
.....accgggGgga <u>aa</u> cuagcag.....	6	1	seq
.....accggguggaa <u>aa</u> cuaAcag.....	1	1	seq
.....accgggAggaa <u>aa</u> cuagcag.....	2	1	seq
.....accgAguggaa <u>aa</u> cuagcag.....	1	1	seq
.....accggguggaa <u>aa</u> cuagcCg.....	1	1	seq
.....accggguggaa <u>aa</u> cuagcag.....	67	0	seq
.....accggguggGaa <u>aa</u> cuagcag.....	1	1	seq
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.....aAcggguggaa <u>aa</u> cuagcag.....	1	1	seq
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.....accgggugCaa <u>aa</u> cuagcagu.....	1	1	seq
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.....accgggugAaa <u>aa</u> cuagcagu.....	2	1	seq
.....accggguggaa <u>aa</u> cuagcCgu.....	16	1	seq
.....accgggAggaa <u>aa</u> cuagcagu.....	15	1	seq
.....accgggugUaa <u>aa</u> cuagcagu.....	2	1	seq
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.....accggguggaa <u>aa</u> cuaCcagu.....	3	1	seq
.....accggguggaa <u>aa</u> cuagcaAu.....	1	1	seq
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.....accggUuggaa <u>aa</u> cuagcagu.....	4	1	seq
.....accggguggaa <u>aa</u> cuagAgu.....	5	1	seq
.....acUggguggaa <u>aa</u> cuagcagu.....	3	1	seq
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.....accggguggaa <u>aa</u> cuagcaCu.....	5	1	seq
.....accggguggaa <u>aa</u> cuagcagA.....	9	1	seq
.....accggguggUaa <u>aa</u> cuagcagu.....	4	1	seq
.....accggguggaUacua <u>aa</u> gcagu.....	1	1	seq
.....accggguggaa <u>aa</u> cuGgcagu.....	1	1	seq
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.....accggguggaa <u>aa</u> cuagUagu.....	1	1	seq
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.....accgggGgga <u>aa</u> cuagcagu.....	69	1	seq
.....accggguggaa <u>aa</u> cCagcagu.....	2	1	seq
.....aNcggguggaa <u>aa</u> cuagcagu.....	2	1	seq
.....accgggCggaa <u>aa</u> cuagcagu.....	46	1	seq
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.....Cccggguggaa <u>aa</u> cuagcagu.....	1	1	seq
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.....accAgguggaa <u>aa</u> cuagcagu.....	1	1	seq
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.....accggguggaa <u>aa</u> cuagcUgu.....	4	1	seq
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Star

Mature

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.....ggcuAgaucuuuuccacu	1	1	seq	