



Mature

5' -	-3'	obs	
		exp	
augaggcugauggguguccauguugucguccauugcccuuuuucuauuguacuacuggguaauugagagagcagugcaauuuuuuuaggggcauuggcugaugaacggagacc			
augaggcugauggguguccauguugucguccauugcccuuuuucuauuguacuacuggguaauugagagagcagugcaauuuuuuuaggggcauuggcugaugaacggagacc			
.....(((.((((.(.(((.((((.((((.((((.((((.((((.((((.(.....).)).))))))))).)).))))).)).)).))	reads	mm	sample
.....auugcccuuuuucuauuguacu.....	4	0	s02
.....auugcccuuuuucuauuguacu.....	1	1	s02
.....uugcccuuuuucuauuguacuac.....	2	0	s02
.....ugcccuuuuGuauguacu.....	1	1	s02
.....ugcccuuuuGuauguacuac.....	4	1	s02
.....Cgcccuuuuucuauuguacuac.....	4	1	s02
.....gcccuuuuGuauguacu.....	2	1	s02
.....gcccuuuuucuauuguacAu.....	1	1	s02
.....gcccuuuuucuauuguacu.....	5	0	s02
.....gcccuuuuucuauuguacu.....	1	1	s02
.....gcccuuuuGuauguacu.....	7	1	s02
.....gcccuuuuucuauuguacu.....	36	0	s02
.....gcccuuuuucuauuguacuG.....	1	1	s02
.....gcccuuuuucuauuguacuAA.....	2	1	s02
.....gcccuuuuucuauuguacuAU.....	1	1	s02
.....gcccuuuuucuauuAuacuac.....	1	1	s02
.....gcccuuuuucuauuguacAuac.....	1	1	s02
.....gcccuuuuGuauguacuac.....	135	1	s02
.....gccAuuuuucuauuguacuac.....	1	1	s02
.....gcccuuuuucuauuguacuac.....	251	0	s02
.....gcccuuuuucuauuguacuGc.....	2	1	s02
.....gcccuuuuucuauugGacuac.....	1	1	s02
.....gcccuuuuucuauuguacuac.....	2	1	s02
.....gccccuuAucuauguacuac.....	1	1	s02
.....gccccuuuucCauuguacuac.....	1	1	s02
.....gcccuuuuucuauuguacuacA.....	15	1	s02
.....gccGcuuuuucuauuguacuacu.....	1	1	s02
.....gccUuuuucuauuguacuacu.....	1	1	s02
.....gcccuuuuucuauugGacuacu.....	1	1	s02
.....gcccuuuuucuauuguacuacu.....	146	0	s02
.....gcccuuuuucuauuguacuacC.....	18	1	s02
.....gcccuuuuGuauguacuacu.....	327	1	s02
.....gcAccuuuucuauuguacuacu.....	1	1	s02

Mature

.ccccuuuuGuauuguacua .	2	1	s02
.ccccuuuuGuauuguacuac .	11	1	s02
.ccccuuuuGuauuguacuacu .	452	1	s02
.ccccuuuuCuauuguacuacu .	4	0	s02
.ccccuuuuUauuguacuacu .	1	1	s02
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.cccuuuuGuauuguacuacu .	39	1	s02
.cccuuuuGuauuguacuacug .	2	1	s02
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.uggguauugagaugagcU .	1	1	s02
.Cgcagugcaauuuuuuuagggauc .	1	1	s02
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.gcagugUauuuuuuuuuagg .	1	1	s02
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.gcagugcaauuuuuuuuuaggCU .	3	1	s02
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.gcCgugcaauuuuuuuuuaggca .	1	1	s02
.gcagCgcaauuuuuuuuuaggca .	4	1	s02
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.gcaAugcaauuuuuuuuuaggca .	1	1	s02
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.gcagGgcaauuuuuuuuuaggca .	2	1	s02
.Ccagugcaauuuuuuuuuaggca .	2	1	s02
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.gcagugcaauuuuuuuuuaggca6 .	1	1	s02
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.gcagugcaauuuuuuuuuaggUgcau .	3	1	s02
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.gcagugcaauuuuuuuuuaggCcau .	1	1	s02
.gcagugcaauuuuuuuuuaggGAu .	1	1	s02
.gcagugcaauuuuuuuuuaggcaC .	4	1	s02
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.gcaCugcaauuuuuuuuuaggcau .	1	1	s02
.gcagugcaUuuuuuuuuuuaggcau .	1	1	s02
.gcagugcaauuuuuuuuuaggcaA .	4	1	s02

Mature

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.gcaguUcauuuuuaaaagggccau .	1	1	s02
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.gUagugccaauuuuaaaagggccau .	2	1	s02
.gcagugccaauUuuuaaaagggccau .	1	1	s02
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.cagugccaauuuuaaaGGg .	1	1	s02
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.cagugccaGauuaaaaggg .	1	1	s02
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.cagugccaauuuUaagggc .	2	1	s02
.cagugccaauuuuaaaaggGC .	5	1	s02
.cUgugccaauuuuaaaagggc .	2	1	s02
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.cagugccaauuuuaaaUGggc .	3	1	s02
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.cagugcUauuuuaaaagggc .	5	1	s02
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.cagugccaCuuuuaaaagggc .	1	1	s02
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.caUugccaauuuuaaaagggc .	1	1	s02
.cagugccaauuuuaaaaggGU .	8	1	s02
.caNugccaauuuuaaaagggc .	1	1	s02
.cagugccaauuuGaaagggc .	5	1	s02

Mature

Aagugcaauuuuaaaagggc	3	1	s02
.cagugcaauuuuaaGagggc	1	1	s02
.cagCgcaauuuuaaaagggc	5	1	s02
.cagugcaUuuuuuaaaagggc	2	1	s02
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.cagugcaauuuuaaaaggCc	6	1	s02
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.Aagugcaauuuuaaaaggga	4	1	s02
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Mature

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	cagugcaauuuuaaaagggcG	3	1	s02
	cagug6aauuuuaaaaggga	7	1	s02
	cagugUaauuuuaaaaggga	1	1	s02
	cagugcaauuuuaaaCggca	1	1	s02
	cagugcaauuuuaaaGgggca	5	1	s02
	cagugcaauuCuaaaaggga	2	1	s02
	caguCc auuuuaaaaggga	2	1	s02
	cagugcaUuuuuuaaaaggga	3	1	s02
	cagugcaauuuuaUaaggga	5	1	s02
	cagugcaauuuuaaaagggcU	5	1	s02
	Aagugcaauuuuaaaagggc au	24	1	s02
	cagugcaauuuuaaaCgggc au	11	1	s02
	cagugcaauuuuaaaagUG ca u	14	1	s02
	cagugcaauGUuuuaaaaggga	4114	1	s02
	cGgugcaauuuuaaaagggc au	12	1	s02
	cagugcaauuuuaaaagggc au	20367	0	s02
	cagugcaauuuuaGaagggc au	1	1	s02
	cagCgc auuuuaaaagggc au	29	1	s02
	caguUC auuuuaaaagggc au	4	1	s02
	cagugcaauuuuaaaagCG ca u	45	1	s02
	cCGugcaauuuuaaaagggc au	13	1	s02
	cagugcaauUuuuaaaagggc au	5	1	s02
	cagugcaauuuCaagggc au	28	1	s02
	Uagugcaauuuuaaaagggc au	10	1	s02
	cagugcaauuuuaaaGgggc au	22	1	s02
	cagugcaauuuGaaagggc au	41	1	s02
	cagugcaauuuuaaaagggc aG	11	1	s02
	cagugcaauuuuaUaagggc au	4	1	s02
	cagugcaauuuAaaaagggc au	3	1	s02
	cagugcaauuuuaaaaggGC au	36	1	s02
	cagugcaauuuuaaUaggg ca u	1	1	s02
	cNgugcaauuuuaaaagggc au	2	1	s02
	cagugcaaGa uuuaaaagggc au	4	1	s02
	caguCcauuuuuaaaagggc au	9	1	s02
	cagugcaauuuuaaaAggc au	14	1	s02
	cagugcaauuuCa aaagggc au	8	1	s02
	cagugcaauuuuaaCagggc au	38	1	s02
	cagAGcaauuuuaaaagggc au	23	1	s02
	caAugcaauuuuaaaagggc au	9	1	s02
	cagugcaauaGu aaagggc au	5	1	s02
	cagugcaauuuuaaaagggc aC	38	1	s02
	caNugcaauuuuaaaagggc au	3	1	s02
	cagugcaauuuuaaaagggc aN	1	1	s02
	cagugcaauuCuaaaagggc au	5	1	s02
	cagugcaCuauuuuaaaagggc au	8	1	s02
	cagugAauuuuaaaagggc au	14	1	s02
	Gagugcaauuuuaaaagggc au	2	1	s02
	cagugcaauuuuaaaagggc aA	50	1	s02
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	caguAc auuuuaaaagggc au	14	1	s02
	cagugcaauCu aaagggc au	10	1	s02
	cagugcaauuuCa agggc au	3	1	s02
	cagugUaauuuuaaaagggc au	6	1	s02
	cagugcaauuuuaaaaggUC au	109	1	s02
	cagugcaGuuuuaaaagggc au	10	1	s02
	cagGgc auuuuaaaagggc au	69	1	s02
	cagugcaauuuUaaagggc au	5	1	s02
	cagug6aauuuuaaaagggc au	20	1	s02
	cagugcaauuuuaaaaggguAu	8	1	s02
	cagugcaUuuuuuaaaagggc au	7	1	s02
	cagNgcaauuuuaaaagggc au	57	1	s02
	cagugcaauuuuaaGagggc au	3	1	s02
	cagugcaauuuuaaaagggcGu	14	1	s02
	cagugcaauaAu aaagggc au	43	1	s02
	cagugcaauuuGaaaagggc au	7	1	s02
	cagugcaauuuuaaaaggAC au	26	1	s02
	cagugcaauuuuaaaUgggc au	20	1	s02
	cagugcaauuuuaaaagggc au	26	1	s02
	cagugcaauuuuaaaagggcUu	3	1	s02

Mature

[illegible]

Star	Mature		
augaggcugaugguguccauguugucguccauugccccuuuuuauuguuacuacuggguauugagaugagcagugcaauuuuuuuagggcgauuggcugaugaacgggagacc			
.....cagugcaauuuuuuuagggcgauugg.....	1	0	s02
.....agugcaauuuuuuuaggg.....	1	0	s02
.....agugcGauuuuuuuaggg.....	1	1	s02
.....agugcaauuuuuuuagggc.....	27	0	s02
.....agCgcaauuuuuuuagggc.....	1	1	s02
.....agugcaauGuuuuuuuagggc.....	3	1	s02
.....agugcaauuuuuuuagggcga.....	42	0	s02
.....agugcaauuuuuuuagggcga.....	1	1	s02
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.....agugcaauuuuuuuagggcgaA.....	1	1	s02
.....aUugcaauuuuuuuagggcgau.....	2	1	s02
.....agugcaauuuuuuuagggcgau.....	1	1	s02
.....agugcaauUuuuuuuagggcgau.....	1	1	s02
.....agugcaauuuuuuuagggcga.....	1	1	s02
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.....agugcaauuuuuuuagggcGu.....	1	1	s02
.....agugcaauuuuuuuagggcAau.....	3	1	s02
.....agugcGauuuuuuuuuagggcgau.....	1	1	s02
.....agugcaauuuuuuuuuagggcgaGu.....	1	1	s02
.....agCgcaauuuuuuuuuagggcgau.....	2	1	s02
.....agugcaauuuuuuuuuagggcgau.....	5	1	s02
.....agugcaauuuuuuuuuagggcgau.....	1	1	s02
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.....agGgcaauuuuuuuuuagggcgau.....	2	1	s02
.....agGgcaauuuuuuuuuagggcgau.....	10	1	s02
.....agugcaauUuuuuuuagggcgau.....	2	1	s02
.....agugcaauuuuuuuuuagggcgau.....	1546	0	s02
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.....aguNcaauuuuuuuuuagggcgau.....	1	1	s02
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.....agugcaauGuuuuuuuuuagggcgaug.....	3	1	s02
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.....gugcaauuuuuuuuuagggcgaU.....	4	1	s02
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.....ugcaauuuuuuuuuagggcgauggc.....	1	0	s02
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.....gccccuuuuauuguacuacA.....	6	1	s01	
.....gccccuuuuauuguacuacG.....	1	1	s01	
.....gccccuuuuauuguacuacC.....	19	1	s01	
.....gccccuuuuGuauguacuacu.....	264	1	s01	
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Star

Mature

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.cUugucaauuuuuuaaaagg.	1	1	s01
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.cagGgcaauuuuuuaaaagg.	1	1	s01
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.cagugcaauuuuGAagggc.	1	1	s01
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.cagugcaauuuuaaaagggcC.	5	1	s01
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.Uagugcaauuuuaaaaggqca.	2	1	s01

Star	Mature		
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.....		cagCgcaauuuuaaaaggga	
.....		cagugcaauuuuaaaaggga	
.....		cagugcaauuuUaaaggga	
.....		cagugcaauuuuaaaaggCca	
.....		cCgugcaauuuuaaaaggga	
.....		cagugcaauuuuaaaaggG6a	
.....		cagugcaauuuuaaaGggggca	
.....		cagugcaauUuuuaaaaggga	
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Star

Mature

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.....cagugcaauuuuaaaUgggcau.....	7	1	s01
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.....cagugcaauuGaaaagggcau.....	2	1	s01
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Mature

[illegible]

Star

Mature

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.....	.agugcaauuuuuuuaggggcauuA.....		1	1	s01
.....	.agugcaauuuuuuuaggggcauuU.....		1	1	s01
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.....	.gugcaauuuuuuuaggggca.....		1	0	s01
.....	.gugcaauuuuuuuaggggcauA.....		2	1	s01
.....	.gugcaauuuuuuuaggggcauu.....		1	0	s01
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.....	.ugcaauuuuuuuaggggcauuggc.....		2	0	s01
.....	.gcaauuuuuuuaggggcau.....		1	0	s01
.....	.gcaauuuuuuuaggggcauA.....		2	1	s01
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