



## Mature

5'	cgauugacaugcugagucuuuacgguguuugucucacaauaacucgucguucgucugagaagcuguuagagucguuaggugaggguuuacucgcuuuuuucgcuccuuagauc	-3'	obs	
	cgaauugacaugcugagucuuuacgguguuugucucacaauaacucgucguucgucugagaagcuguuagagucguuaggugaggguuuacucgcuuuuuucgcuccuuagauc		exp	
	((((((((.(.(((.(.(.(((.(.((((((.(.....)))))))))))).)..)).)).))))))...))))).((((((.....)))))).).....	reads	mm	sample
	.gauugacaugcugagucuuuacgggu.....	1	0	seq
	...uugacaugcugagucuuuac.....	2	0	seq
	...ugacaugcugagucuuuacGc.....	1	1	seq
	...gacaugcugagucuuuac.....	1	0	seq
	.....cugagucuuuacgguguuC.....	1	1	seq
	.....cugagucuuuacgguguuugu.....	1	0	seq
	.....ugagucuuuacgguguuugu.....	1	0	seq
	.....ugagucuuuacgguguuuguA.....	1	1	seq
	.....ucuuuacgguguuuguuguc.....	1	0	seq
	.....Aaacgguguuuguugucucacaau.....	1	1	seq
	.....aacgguguuuguugucucaca.....	2	0	seq
	.....acgguguuuguugucucaca.....	1	0	seq
	.....cacaauaacucguucgcgu.....	1	0	seq
	.....cacaauaacucguucgcguA.....	1	1	seq
	.....cacaauaacucguucgcgucugaagcu.....	3	0	seq
	.....cacaauGacucguucgcgucugaagcu.....	1	1	seq
	.....acaauaacucguucgcguc.....	1	0	seq
	.....caauaacucguucgcgucugaagc.....	2	0	seq
	.....aauaacucguucgcgucu.....	1	0	seq
	.....aauaacucguucgcgucuga.....	1	0	seq
	.....aauaacucguucgcgucugaC.....	1	1	seq
	.....aauaacucguucgcgucugaagcu.....	1	0	seq
	.....aauaacucguucgcgucugaagcug.....	1	0	seq
	.....aaCaacucguucgcgucugaagcuguu.....	1	1	seq
	.....auaacucguucgcgucugaa.....	2	0	seq
	.....auaacucguucgcgucugaU.....	1	1	seq
	.....auaacucguucgcgucugaag.....	1	0	seq
	.....auaacucguucgcgucugaGgc.....	1	1	seq
	.....auaacucguucgcgucugaagcu.....	1	0	seq
	.....auaacucguucgcgucugaagcuguu.....	1	0	seq
	.....auaacUguucgcgucugaagcuguuag.....	3	1	seq
	.....auaacucguucgcgucugaagcuguuagaA.....	1	1	seq
	.....uacucguucgcgucugG.....	1	1	seq

## Star

## Mature

cgauugagcaugcugagucuuacggugugugugucucacaaaacucguucgcgucgugaagcuguuagagucguugugagaguuacuucgcuuuuauucgccuuagaagauc

.....uaacucguucgcgucugGag.....	1	1	seq
.....uaacucguucgcgucugaag.....	2	0	seq
.....uaacucguucgcgucugaGg.....	1	1	seq
.....uaacucguucgcgucugaGgc.....	2	1	seq
.....uaacucguucgcgucugaagc.....	1	0	seq
.....uaacucguucgcgucugaagcuguuag.....	1	0	seq
.....uaacucguucgcgucugaagcuguuaga.....	2	0	seq
.....uaacucguucgcgucugaagcuguuagagu.....	1	0	seq
.....aacucguucgcgucugaag.....	1	0	seq
.....aacucguucgcgucugaagcuguuag.....	2	0	seq
.....aacucguucgcgucugaagcuguuagagu.....	2	0	seq
.....acucguucgcgucugaagcuA.....	1	1	seq
.....acucguucgcgucugaGgcug.....	1	1	seq
.....acucguucgcgucugaagcuguuaga.....	1	0	seq
.....cucguucgcgucugaagc.....	1	0	seq
.....cucguucgcgucugaGgcu.....	1	1	seq
.....cucguucgcgucugCagcu.....	2	1	seq
.....cucguucgcgucugaagcuguuagagu.....	2	0	seq
.....cucguucgcgucugaagcuguuagaguc.....	1	0	seq
.....ucguucgcgucugaagcug.....	2	0	seq
.....ucguucgcgucugaagcuggu.....	3	0	seq
.....ucguucgcgucugaagcuAu.....	1	1	seq
.....ucguucgcgucugaGgcuggu.....	1	1	seq
.....ucguucgcgucugaagcuggu.....	1	0	seq
.....ucguucgcgucugaagcuAu.....	1	1	seq
.....ucguucgcgucugaagcugguC.....	1	1	seq
.....ucguucgcgucugaagcuguuagaguA.....	1	1	seq
.....ucguucgcgucugaagcuguuagaguc.....	2	0	seq
.....cguucgcgucugaagcug.....	2	0	seq
.....cguucgcgucugaGgcuggu.....	1	1	seq
.....cguucgcgucugaagcugGu.....	1	1	seq
.....cguucgcgucugGagcuguuag.....	2	1	seq
.....cguucgcgucugaagcuguuag.....	2	0	seq
.....cguucgcgucugaagcuguuA.....	1	1	seq
.....cguucgcgucugaagcuguuaga.....	2	0	seq
.....cguucgcgucugaagcuguuABagu.....	1	1	seq
.....cguucgcgucugGagcuguuagaguc.....	1	1	seq
.....cguucgcgucugaagcuguuagaguc.....	3	0	seq
.....cguucgcgucugaagcuguuagagucg.....	1	0	seq
.....cguucgcgucugaagcuguuagagucguu.....	1	0	seq
.....guucgcgucugaagcuguu.....	4	0	seq
.....guucgcgucugaagcugguA.....	1	1	seq
.....guucgcgucugaagcuguuGg.....	3	1	seq
.....guucgcgucugaagcuguuag.....	5	0	seq
.....guucgcgucugaagcuguuaga.....	10	0	seq
.....guucgcgucugGagcuguuaga.....	1	1	seq
.....guucgcgucugaagcuguuGga.....	3	1	seq
.....guucgcgucugaGgcuguuaga.....	2	1	seq
.....guucgcgucugaagcuguuGgag.....	2	1	seq
.....Auucgcgucugaagcuguuagag.....	1	1	seq
.....guucgcgucugaGgcuguuagag.....	1	1	seq
.....guucgcgucugaagcuguuagaA.....	2	1	seq
.....guucgcgucugaagcuguuagag.....	21	0	seq
.....guucgcgucugaagcuguuagagu.....	1	0	seq
.....guucgcgucugaGgcuguuagagu.....	1	1	seq
.....guucgcgucugaagcuguuagaguA.....	1	1	seq
.....uucgcgucugaGgcuguu.....	1	1	seq
.....uucgcgucugaagcuguu.....	25	0	seq
.....uucgcgucugaagcugguG.....	2	1	seq
.....uucgcgucugGagcuguu.....	4	1	seq
.....uucgcgucugaagcugguC.....	5	1	seq
.....uucgcgucugaagcugguA.....	1	1	seq
.....uucgcgucugaagcCguuag.....	1	1	seq
.....uucgcgucugaagcuguuGg.....	33	1	seq
.....uucgcgucugaagcuguuag.....	328	0	seq
.....uucgcgucugaagUguuag.....	3	1	seq
.....uucgcgucuaaagcuguuag.....	2	1	seq
.....Auucgcgucugaagcuguuag.....	2	1	seq
.....uucgcgucugaagcGguuag.....	2	1	seq
.....uucgcgucugaGgcuguuag.....	1	1	seq

## Star

## Mature

cgauugagacugcugagucuuacggugugugugucucacaaaacucguucgcgucugaaagcuguuagagucguugcgugagguuuacuucgcuuuuauucgccuuuaagauc

.....uucgcgucucugaagcuguuAA.....	28	1	seq
.....uucgcgucucugGagcuguuag.....	35	1	seq
.....uucgcgucucugaagcuguuCg.....	8	1	seq
.....uucgcgucucugaagcuguuUg.....	1	1	seq
.....uucgcgucucugGagcuguuaga.....	1	1	seq
.....uucgcgucucugaagcuguuaga.....	24	0	seq
.....uucgcgucucugaagcuguuGga.....	7	1	seq
.....uucgcgucucugaagcuAuuaga.....	1	1	seq
.....uucgcgucucugaGgcuguuaga.....	1	1	seq
.....uucgcgucCgaagcuguuagag.....	1	1	seq
.....uucgcgucucugaagcuguuCagag.....	1	1	seq
.....uucgcgucucugGagcuguuagag.....	31	1	seq
.....uucgcgucucugaagcCguuagag.....	2	1	seq
.....uucgcgucucugaUgcuguuagag.....	1	1	seq
.....uucgcgucucugaGgcuguuagag.....	5	1	seq
.....uucgcgucucugaagcuguuagaA.....	26	1	seq
.....uucgcgucucugaagUguuuagag.....	2	1	seq
.....uucgcgucucugaagcuguuagaC.....	4	1	seq
.....uucgcgucucugaagcuguuagaU.....	7	1	seq
.....uucgcgucucugaagcuguuagag.....	317	0	seq
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.....uucgcgucugGagcuguuagagu.....	135	1	seq
.....Aucgcgucucugaagcuguuagagu.....	5	1	seq
.....uucgcgucucugaagcCguuagagu.....	5	1	seq
.....uucgcgucucugaagcGguuagagu.....	1	1	seq
.....uucgcgucucugaGgcuguuagagu.....	9	1	seq
.....uucgcgucucugaagcuguuCagagu.....	5	1	seq
.....uucgcgucucugaagcuguuGgagu.....	68	1	seq
.....uucgcgucucugaagcuguuagUgu.....	1	1	seq
.....uucgcgucucugaagcuguuagagA.....	70	1	seq
.....uucgcgucucugaagcuguuagagu.....	1162	0	seq
.....uucgcgucucugaagcuguuagagG.....	110	1	seq
.....uucgcgucucugaagcuguuagaAu.....	19	1	seq
.....uucgcgCcuagaagcuguuagagu.....	4	1	seq
.....uucgcgucucugaagcuguuagaCu.....	1	1	seq
.....uAcgcgucucugaagcuguuagagu.....	1	1	seq
.....uucgcgucucugaagcuguuagagC.....	239	1	seq
.....uucgcgucucugUagcuguuagagu.....	1	1	seq
.....uucgcgucCgaagcuguuagagu.....	1	1	seq
.....uucgcgucucugaagUguuuagagu.....	1	1	seq
.....uucgcgucucugaagcuAuuagagu.....	4	1	seq
.....uucgcgucucugGagcuguuagaguc.....	2	1	seq
.....uucgcgucucugaagcuguuagaguc.....	4	0	seq
.....uucgcgucucugaagcuguuagaguA.....	38	1	seq
.....uucgcgucucugaagcuguuagaguU.....	10	1	seq
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.....uucgcgucucugaagcuguuagaguG.....	2	1	seq
.....ucgcgucucugaagcuguuag.....	4	0	seq
.....ucgcgucucugaagcuguuGga.....	1	1	seq
.....ucgcgucucugaagcuguuaga.....	2	0	seq
.....ucgcgucucugaagcuguuagag.....	4	0	seq
.....Acgcgucucugaagcuguuagagu.....	1	1	seq
.....ucgcgucucugaagcuguuagagG.....	2	1	seq
.....ucgcgucucugaagcuguuagagA.....	1	1	seq
.....ucgcgucucugaagcuguuagagu.....	13	0	seq
.....ucgcgucucugaagcuguuagagC.....	3	1	seq
.....cgcgucucugaagcuguuag.....	1	0	seq
.....cgcgucucugaagcuguuaga.....	1	0	seq
.....cgcgucucugaagcuguuagagu.....	4	0	seq
.....cgcgucucugGagcuguuagagu.....	1	1	seq
.....cgcgucucugaagcuguuGgagucguu.....	1	1	seq
.....gcgucucugaagcuguuagagu.....	1	0	seq
.....cgucugaagcuguuagagu.....	2	0	seq
.....cgucugaGgcuguuagagu.....	1	1	seq
.....cgucugaagcuguuagaguc.....	1	0	seq
.....gucugaagcuguuCagagucguuagg.....	1	1	seq
.....ucugaagcuguuagaguc.....	1	0	seq
.....ucugaGgcuguuagagucgu.....	1	1	seq
.....ucugaagcuguuagagucgu.....	2	0	seq
.....ucugaagcuguuagagucguuagguga.....	2	0	seq

Star

## Mature

cgauugacagcugagucuaacggguguugugucacaaaaacucggucgcgcucgaagcuguagagagucguugggagguuuacuucgcuuuaaucgccuaaagau  
. . . ucugaagcuguuagagucguugggaggu. . . . .  
. . . . . cugaagcuguuagagucguugA. . . . .  
. . . . . ugaagcuguuagagucguu. . . . .  
. . . . . ugaagcuguuagagucguC. . . . .  
. . . . . ugaagcuguuGgagucguugg. . . . .  
. . . . . ugaagcuguuagagucguugg. . . . .  
. . . . . ugaagcuguuagagucguugguga. . . . .  
. . . . . gaagcuguuagagucguugguga. . . . .  
. . . . . aagcuguuagagucguuggugC. . . . .  
. . . . . aGcuguuagagucguuggugagguu. . . . .  
. . . . . gcuguuAaagcguuggugagguuuA. . . . .  
. . . . . uguuGgagucguugguga. . . . .  
. . . . . uguuGgagucguuggugaggu. . . . .  
. . . . . guuGgagucguuggugaggu. . . . .  
. . . . . uuagagucguuggugagguG. . . . .  
. . . . . uuuacuucgcuuuaaucgcA. . . . .