



5'	3'	obs	
		exp	
uuaaauccagaccacaucccaugcgcccccugaucagaucaacacaucauguaaagcuuacuguaucgcuagauggaugaucaagauugguggguauuuuucaa			
uuaaauccagaccacaucccaugcgcccccugaucagaucaacacaucauguaaagcuuacuguaucgcuagauggaugaucaagauugguggguauuuuucaa			
.....((.(((.....)))..))(((.((((((.(((((((.(((((((.....))))))..))))))..))))))..))))))..))))))..))))..)	reads	mm	sample
.....uuauugcuagauggaugauC.....	1	1	s12
.....uuauugcuauUauggaugauc.....	1	1	s12
.....uuauugcuagauggaugauc.....	13	0	s12
.....uuauugcuagauggaugauU.....	2	1	s12
.....uuauugcuagauggaugaucU.....	4	1	s12
.....uuauugcuagauggaugauca.....	7	0	s12
.....uuauugcuagauggaugaucaag.....	2	0	s12
.....uuauugcuagauggaugaucaaaU.....	12	1	s12
.....uuauugcuagauggaugaucaaaC.....	2	1	s12
.....uauugcuagauggaugaucaaa.....	1	0	s12
.....uauugcuagauggaugaucaaaU.....	1	1	s12
.....auugcuagauggaugaucaaaC.....	1	1	s12
.....aucaacacaucauguaaauU.....	1	1	s13
.....uuauugcuagauggaugau.....	3	0	s13
.....uuauugcuagauggaugauc.....	6	0	s13
.....uuauugcuagauggaugaucU.....	3	1	s13
.....uuauugcuagauggaugauca.....	10	0	s13
.....uuauugcuagauggaugaucC.....	1	1	s13
.....uuauugcuagauggaugaucaaa.....	1	0	s13
.....uuauugcuagauggaugaucaaaC.....	1	1	s13
.....uuauugcuagauggaugaucaaaU.....	10	1	s13
.....uauugcuagauggaugauca.....	5	0	s13
.....uauugcuagauggaugaucaU.....	1	1	s13
.....uauugcuagauggaugaucaaa.....	1	0	s13
.....uauugcuagauggaugaucaaaa.....	1	1	s13
.....uauugcuagauggaugaucaaaaU.....	3	1	s13
.....auugcuagauggaugaucU.....	1	1	s13
.....auugcuagauggaugauca.....	5	0	s13
.....auugcuagauggaugaucaaa.....	5	0	s13
.....auugcuagauggaugaucaG.....	1	1	s13
.....auugcuagauggaugaucaaaa.....	2	1	s13
.....auugcuagauggaugaucaaaaU.....	7	1	s13

## Star

## Mature

uuaaauccagaccacauccaccaugcgcccccugaucagaucaacacaucauagucaauaacaguuuacuguuauucgcuagauaggaucauagauaggugguauuuuuucaa

.....aucacacaucauagucaauaac.....	1	0	s19
.....uuauucgcuagauaggaucaCc.....	2	1	s19
.....uuauucgcuagauaggaucauc.....	2	0	s19
.....uuauucgcuagauaggaucauca.....	4	0	s19
.....uuauucgcuagauaggaucaaaU.....	2	1	s19
.....uuauucgcuagauaggaucaagU.....	1	1	s19
.....uuauucgcuagauaggaucaaa.....	1	0	s19
.....uuauucgcuagauaggaucauc.....	3	0	s10
.....uuauucgcuagauaggaucauca.....	2	0	s10
.....uuauucgcuagauaggaucaucaag.....	5	0	s10
.....uuauucgcuagauaggaucaaaU.....	2	1	s10
.....uuauucgcuagauaggaucaaaUa.....	1	1	s10
.....uuauucgcuagauaggaucaaa.....	2	0	s10
.....aucgcuagauaggaucauca.....	1	0	s10
.....aucgcuagauaggaucaucaag.....	2	0	s10
.....aucgcuagauaggaucaucaagU.....	2	1	s10
.....uuauucgcuagauaggaucaucaagU.....	1	1	s01
.....uuauucgcuagauaggaucau.....	1	0	s17
.....aucgcuagauaggaucauc.....	2	0	s17
.....ucacacacaucauagucaauaac.....	1	0	s02
.....uuauucgcuagauaggaucaC.....	7	1	s02
.....uuauucgcuagauaggaucau.....	12	0	s02
.....uuauucgcuGgauggaucauc.....	1	1	s02
.....uuauucgcuagaCggaugaucauc.....	1	1	s02
.....uuCucgcuagauaggaucauc.....	1	1	s02
.....uuauucgcuagauaggaucauU.....	3	1	s02
.....uuauucgcuagauaggaucauc.....	34	0	s02
.....uuauucgcCagauggaucauc.....	2	1	s02
.....uuauucgcuagauaggGugauc.....	2	1	s02
.....uuauucgcuagauaggCugauc.....	1	1	s02
.....uuauucgcuagGuggaucauca.....	1	1	s02
.....uuauucgcuagauaggaucaucG.....	1	1	s02
.....uuauucgcuagauaggaucauca.....	45	0	s02
.....uuauucgcuGgauggaucauca.....	1	1	s02
.....uuauucgcuagauaggaucaucU.....	5	1	s02
.....uuauucgcuagauaggaucaucG.....	1	1	s02
.....uuauucgcuagauaggaucaucC.....	1	1	s02
.....uuauucgcuagauaggaucaucaaa.....	11	0	s02
.....uuauucgcuagauaggaucaucaaaU.....	41	1	s02
.....uuauucgcuagauaggaucaucaaaA.....	2	1	s02
.....uuauucgcuagauaggaucaucaag.....	4	0	s02
.....uuauucgcuagauaggaucaucaaaC.....	8	1	s02
.....uuauucgcuagauaggaucaucaaaUa.....	1	1	s02
.....uuauucgcuagauaggaucauc.....	1	0	s02
.....uuauucgcuagauaggaucauca.....	6	0	s02
.....uuauucgcuagauaggaucaucaaa.....	1	0	s02
.....uuauucgcuagauaggaucaucaaaU.....	5	1	s02
.....uuauucgcuagauaggaucaucaag.....	1	0	s02
.....uuauucgcuagauaggaucauU.....	1	1	s02
.....uuauucgcuagauaggaucauca.....	1	0	s02
.....uuauucgcuagauaggaucaucaaa.....	3	0	s02
.....uuauucgcuagauaggaucaucaaaU.....	5	1	s02
.....uuauucgcuagauaggaucauU.....	1	1	s11
.....uuauucgcuagauaggaucau.....	1	0	s18
.....uuauucgcuagauaggaucauc.....	2	0	s18
.....uuauucgcuagauaggaucauA.....	3	1	s18
.....uuauucgcuagauaggaucauca.....	3	0	s18
.....uuauucgcuagauaggaucaucaaa.....	1	0	s18
.....uuauucgcuagauaggaucaucaaa.....	1	1	s18
.....uuauucgcuagauaggaucauc.....	3	0	s05
.....uuauucgcuagauaggaucauU.....	1	1	s05
.....uuauucgcuagauaggaucauca.....	1	0	s05

## Mature

uuaaauccagaccacauccaugcgccccuugaucagaucaacacaucauagucaauaacaguuuauucgcuuauucgcuagauaggauagaucaagauugggguuuuuuuucaa			
uuauucgcuagauaggauagaucaU	2	1	s05
uuauucgcuagauaggauagaucaC	2	1	s05
uuauucgcuagauaggauagaucaU	1	1	s05
uuauucgcuagauaggauagaucaacC	1	1	s05
uuauucgcuagauaggauagaucaag	5	0	s05
uuauucgcuagauaggauagaucaauU	5	1	s05
uauucgcuagauaggauagauca	1	1	s05
uauucgcuagauaggauagaucaU	1	1	s05
aucgcuagauaggauagaucaU	1	1	s05
aucgcuagauaggauagaucaauU	1	1	s05
uuauucgcuagauaggauagauU	1	1	s09
uuauucgcuagauaggauagauca	2	0	s09
uuauucgcuagauaggauagaucaaa	2	0	s09
uuauucgcuagauaggauagaucaag	1	0	s09
uauucgcuagauaggauagauca	4	0	s09
uauucgcuagauaggauagaucaaa	1	0	s09
uuauucgcuagauaggauagaucaC	3	1	s07
uuauucgcuagauaggauagaucaU	2	1	s07
uuauucgcuagauaggauagaucaU	1	1	s07
uuauucgcuagauaggauagaucaaa	4	0	s07
uuauucgcuagauaggauagaucaU	4	1	s07
uuauucgcuagauaggauagaucaaaU	7	1	s07
uuauucgcuagauaggauagaucaag	2	0	s07
uauucgcuagauaggauagauca	3	0	s07
uauucgcuagauaggauagaucaU	2	0	s07
uauucgcuagauaggauagaucaU	2	1	s07
uauucgcuagauaggauagaucaaaU	2	1	s07
uauucgcuagauaggauagaucaag	1	0	s07
uauucgcuagauaggauagaucaaaU	2	1	s07
aucgcuagauaggauagauca	1	0	s07
aucgcuagauaggauagaucaaa	4	0	s07
aucgcuagauaggauagaucaaaU	2	1	s07
ucgcuagauaggauagaucaag	2	0	s07
ucgcuagauaggauagaucaag	1	1	s07
uuauucgcuagauaggauagauca	4	0	s08
uuauucgcuagauaggauagaucaU	1	0	s08
uuauucgcuagauaggauagaucaU	5	1	s08
uuauucgcuagauaggauagaucaaa	1	0	s08
uuauucgcuagauaggauagaucaaaU	5	1	s08
uuauucgcuagauaggauagaucaaaA	1	1	s08
uuauucgcuagauaggauagaucaaaC	1	1	s08
uauucgcuagauaggauagaucaaaU	1	1	s08
uauucgcuagauaggauagaucaag	2	0	s08
uauucgcuagauaggauagaucaagU	1	1	s08
uuauucgcuagauaggauagau	1	0	s15
uuauucgcuagauaggauagaucaC	2	1	s06
uuauucgcuagauaggauagaucaU	1	0	s06
uuauucgcuagauaggauagauca	2	0	s06
uuauucgcuagauaggauagaucaaaC	1	1	s06
uuauucgcuagauaggauagaucaaaU	6	1	s06
uauucgcuagauaggauagaucaagU	1	1	s06
uuauucgcuagauaggauagauca	3	0	s03
uuauucgcuagauaggauagaucaU	1	1	s03
Cuauucgcuagauaggauagauca	1	1	s03
uuauucgcuagauaggauagauca	7	0	s03
uuauucgcuagauaggauagaucaC	2	1	s03
uuauucgcuagauaggauagaucaaa	2	0	s03
uuauucgcuagauaggauagaucaaaC	4	1	s03
uuauucgcuagauaggauagaucaaaU	9	1	s03
uuauucgcuagauaggauagaucaag	1	0	s03
uuauucgcuagauaggauagaucaag	1	0	s03
uauucgcuagauaggauagaucaag	1	0	s03
uauucgcuagauaggauagaucaaaU	3	1	s03
uuauucgcuagauaggauagaucaC	1	1	s16

Star

**Mature**

uuaaauccagaccacauaccaugcggcccccugauccagaucacacaucagucaauaacaguuacuguaucgcuagauggaugaucaagauugguggguauuuuuucaa

.....uuaucgcuagagggaugauc.....	2	0	s16
.....uuaucgcuagagggaugaucU.....	2	1	s16
.....uuaucgcuagagggaugaucC.....	1	1	s16
.....uuaucgcuagagggaugauca.....	2	0	s16
.....uuaucgcuagagggaugaucaag.....	1	0	s16
.....uuaucgcuagagggaugaucaagU.....	1	1	s16
.....uauccgcuagagggaugaucaag.....	1	0	s16
.....aucgcuagagggaugauca.....	1	0	s16
.....aucgcuagagggaugaucaag.....	1	0	s16
.....aucgcuagagggaugaucaaaC.....	4	1	s16
.....ucgcuagagggaugaucaaaU.....	2	1	s16