



		-3'	obs	
			exp	
5 -	ugauuuugauuggguucugcgcgccuacuugucgcguaaucggcgcggaucacguggguuucaauuacagguauccggaauugagcaacucaaaauugggauaccuguaauugg ugauuuugauuggguucugcgcgcgccuacuugucgcguaaucggcgcggaucacguggguuucaauuacagguauccggaauugagcaacucaaaauugggauaccuguaauugg .....(((((((.((((((((.....)))))).).)))))).((((((((((((((((((((((((((.....)))))))))))))))))).readsmmsample .....uacagguauccggaauugagcaac.....20s16 .....caaaauugggauaccuguaauu..20s16 .....caaaauugggauaccuguaauug.20s16 .....caaauCggauaccuguaauugg11s16 .....caaaauugggauaccuguaauugg30s16  .....ugagcaacucaaaauugggauaccuguaauu..10s06 .....gagcaacucaaaauugggauaccuguaauug.10s06 .....uucaaaauugggauaccuguaauu..10s06 .....caaaauugggauaccuguaauu..30s06 .....caaaauugggauaccuguaauugA11s06 .....aaaauugggauaccuguaauugg10s06 .....aaauugggauaccuguaauug.10s06 .....uugggauaccuguaauugg50s06  .....cagguauccggaauugagcaacuca.....10s03 .....caaaauugggauaccuguaaGu..21s03 .....Uaaaauugggauaccuguaauu..11s03 .....caaaauugggauaccuguaauu..20s03 .....caaaauugggauaccuguaauugg50s03 .....aaaauugggauaccuguaauu..10s03 .....aaaauugggauaccuguaauug.20s03 .....aaaauugggauaccuguaauugg10s03 .....aaauugggauaccuguaauug.10s03 .....uugggauaccuguaauugg10s03  .....caaaauugggauaccuguaauu..10s15 .....caaaauugggauaccuguaauugg20s15  .....aacucaaaauuggauaccugA.....21s08 .....caaaauugggauaccuguaauu..20s08 .....caaaauugggauaccuguaauugA11s08 .....caaaauugggauaccuguaauugg20s08			

Star	Mature		
ugauuuugauugguucugcgcgccuacuugucgcuaaucggcgcgcgacacguggguguucaauuacaggguauccgauuugagcaacuucaaaugggauaccuguaauugg			
.....Uaaaauggauaccuguaauugg	1	1	s08
.....caaauCggauaccuguaauugg	1	1	s08
.....aaaauuggauaccuguaauu..	2	0	s08
.....aaauCggauaccuguaauu..	1	1	s08
.....aaauuggauaccuguaauu..	2	0	s08
.....uuggauaccuguaauugg	3	0	s08
.....uacaggguauccgauuugagcaacuuc.....	1	0	s09
.....agcaacucaaGuuggauaccuguaauugg	2	1	s09
.....caaaauuggauaccuguaauu..	4	0	s09
.....caaaauuggauaccuguaauug.	3	0	s09
.....caaaauuggauaccuguaauugA	1	1	s09
.....caaaauuggauacGuguaauugg	1	1	s09
.....caaaauuggauaccuguaauugg	1	0	s09
.....aaaauuggauaccuguaauu..	2	0	s09
.....aaaauuggauaccuguaauugg	1	0	s09
.....caaaauuggauaccuguaauu..	1	0	s07
.....Uaaaauggauaccuguaauu..	1	1	s07
.....caaaauuggauaccuguaauu..	13	0	s07
.....Uaaaauggauaccuguaauug.	1	1	s07
.....Uaaaauggauaccuguaauugg	3	1	s07
.....caaaauuggauaccuguaauugg	13	0	s07
.....aaaauuggauaccuguaauu..	8	0	s07
.....aaauCggauaccuguaauugg	3	1	s07
.....aaaauuggauaccuguaauugg	2	0	s07
.....uuggauaccuguaauugg	1	0	s07
.....caaaauuggauaccuguaauu..	2	0	s05
.....caaaauuggauaccuguaauug.	1	0	s05
.....caaaauuggauaccuguaauugg	4	0	s05
.....aaaauuggauaccuguaau..	1	0	s05
.....aaaauuggauaccuguaauu..	1	0	s05
.....aaaauuggauaccuguaauug.	1	0	s05
.....aaaauuggauaccuguaauugg	4	0	s05
.....aaaauuggauaccuguaauugA	1	1	s05
.....uugagcaacucaaauug.....	1	0	s18
.....caaaauuggauaccuguaauu..	1	0	s18
.....aaaauuggauaccuguaauu..	3	0	s18
.....aaaauuggauaccuguaauugg	2	0	s18
.....caaaauuggauaccuguaauugg	1	0	s11
.....uuacaggguauccgauuugagca.....	1	0	s02
.....uacUggguauccgauuugagca.....	1	1	s02
.....uacaggguauccgauuugagcaacu.....	1	0	s02
.....acuucaaaauuggauaccugu.....	4	0	s02
.....ucaaaauuggauaccuguaau..	2	0	s02
.....caaaauuggauaccuguaau..	3	0	s02
.....caaaauuggauaccugAaaau..	1	1	s02
.....caaaauuggauaccuguaauu..	43	0	s02
.....caaaauuggauaccAguaaau..	1	1	s02
.....Uaaaauggauaccuguaauu..	13	1	s02
.....caaaauuggauaccuguaauug.	3	0	s02
.....caaauCggauaccuguaauugg	3	1	s02
.....Uaaaauggauaccuguaauugg	8	1	s02
.....caaaauuggauaccuguaauugg	22	0	s02
.....caaaauuggauaccuguaauugA	5	1	s02
.....aaaauuggauaccuguaau..	6	0	s02
.....aaaauuggCuaccuguaauu..	1	1	s02
.....aaaauuggauaccuguaauu..	15	0	s02
.....aaaauuggauaccuguaauug.	10	0	s02
.....aaauCggauaccuguaauugg	2	1	s02
.....aaaauuggauaccuguaaGugg	1	1	s02
.....aaaauuggauaccuguaCuugg	1	1	s02
.....aaaauuggauaccuguaauugA	2	1	s02
.....aaaauuggauaccuguaauugg	15	0	s02
.....aaaauuggauaccuguaauu..	3	0	s02
.....aaaauuggauaccuguaauugA	1	1	s02

Star	Mature		
ugauuuugauugguucugcgcgccuacuugucgcuauucggcgcgcgaucaacguggguguucaauuacagguaucggaauugagcaacuuc	7	0	s02
.....aaauuggauaccuguaauugg	1	0	s02
.....uuggauaccuguaauugg			
.....cagguaucggaauugagcaacuca.....	2	0	s01
.....caaaauuggauaccuguaauugA	1	1	s01
.....uuggauaccuguaauugA	1	1	s01
.....uuggauaccuguaauugg	1	0	s01
.....uucaaaauuggauaccuguaauu..	2	0	s17
.....caaauCggauaccuguaauugg	1	1	s17
.....aaauuggauaccuguaau..	2	0	s17
.....aaauuggauaccuguaauug.	1	0	s17
.....uuggauaccuguaauugA	1	1	s17
.....uuggauaccuguaauugg	3	0	s17
.....caaaauuggauaccuguaau..	1	0	s10
.....caaaauuggauaccuguaauu..	4	0	s10
.....caaaauuggauaccuguaauug.	3	0	s10
.....caaaauuggauaccuguaauugg	7	0	s10
.....caaaauuggauaccuguaauugA	1	1	s10
.....aaauuggauaccuguaauu..	2	0	s10
.....aaauuggauaccuguaauug.	4	0	s10
.....aaauuggauaccuguaauugC	1	1	s10
.....aaauuggauaccuguaauugg	1	0	s10
.....uuggauaccuguaauugg	2	0	s10
.....Uaaaauuggauaccuguaauu..	1	1	s19
.....caaaauuggauaccuguaauu..	8	0	s19
.....caaaauuggauaccuguaauugg	6	0	s19
.....aaauuggauaccuguaauu..	2	0	s19
.....aaauuggauaccuguaauugg	2	0	s19
.....aaauuggauaccuguaauugA	5	1	s19
.....aaauuggauaccuguaauugg	1	0	s19
.....uuggauaccuguaauugg	1	0	s19
.....caaaauuggauaccuguaauu..	1	0	s14
.....caaauCggauaccuguaauu..	1	1	s14
.....caaaauuggauaccuguaauugg	2	0	s14
.....aaauuggauaccuguaauu..	1	0	s14
.....uugagcaacucaauCggauaccuguaau..	1	1	s12
.....caaaauuggauaccuguaau..	1	0	s12
.....caaaauuggauaccuguaauu..	15	0	s12
.....caaaauuggauaccuguaauugC	1	1	s12
.....caaaauuggauaccuguaauugg	11	0	s12
.....Uaaaauuggauaccuguaauugg	1	1	s12
.....caaaauuggauaccuguaauugA	1	1	s12
.....aaauuggauaccuguaauu..	10	0	s12
.....aaauuggauaccuguaauug.	1	0	s12
.....aaauuggauaccuguaauugg	7	0	s12
.....auuggauaccuguaauugg	1	0	s12
.....uuggauaccuguaauugg	2	0	s12
.....caaaauuggauaccuguaau..	1	0	s13
.....caaaauuggauaccuguaauu..	5	0	s13
.....caaaauuggauaccuguaauuU.	1	1	s13
.....caaaauuggauaccuguaauugg	5	0	s13
.....caaaauuggauaccuguaauugA	1	1	s13
.....aaauuggauaccuguaau..	2	0	s13
.....aaauuggauaccuguaauu..	2	0	s13
.....aaauuggauaccuguaauugg	2	0	s13
.....aaauuggauaccuguaauu..	4	0	s13
.....auuggauaccuguaauugg	1	0	s13
.....uuggauaccuguaauugg	2	0	s13