



5'	-3'	obs	
		exp	
cgauuuuggauugguucugcacgcgccuaauuugucgcguaauucggcgcgcaaaucacguggguguccaaauacagguauccgauuugagcaacuucaaaauuggauaccuguaauugg	reads	mm	sample
cgauuuuggauugguucugcacgcgccuaauuugucgcguaauucggcgcgcaaaucacguggguguccaaauacagguauccgauuugagcaacuucaaaauuggauaccuguaauugg	1	1	s19
.....(((((((.((((((((.....))))))..)).))))))((((((((((((((((((((((((((((((((((((.....))))))))))))))))))))))	8	0	s19
.....Uaaaauuggauaccuguaauu..	6	0	s19
.....caaaauggauaccuguaauu..	2	0	s19
.....caaaauggauaccuguaauugg	2	0	s19
.....aaaauuggauaccuguaauu..	5	1	s19
.....aaaauuggauaccuguaauugg	1	0	s19
.....aaaauuggauaccuguaauuggA	1	0	s19
.....aaauuggauaccuguaauugg	1	0	s19
.....uuggauaccuguaauugg	1	0	s19
.....caaaaCggauaccuguaauu..	1	1	s14
.....caaaauggauaccuguaauu..	1	0	s14
.....caaaauggauaccuguaauugg	2	0	s14
.....aaaauuggauaccuguaauu..	1	0	s14
.....uugagcaacuucaaaucggauaccuguaau..	1	1	s12
.....caaaauggauaccuguaau..	1	0	s12
.....caaaauggauaccuguaauu..	15	0	s12
.....Uaaaauuggauaccuguaauugg	1	1	s12
.....caaaauggauaccuguaauuggA	1	1	s12
.....caaaauggauaccuguaauuggC	1	1	s12
.....caaaauggauaccuguaauugg	11	0	s12
.....aaaauuggauaccuguaauu..	10	0	s12
.....aaaauuggauaccuguaauugg.	1	0	s12
.....aaaauuggauaccuguaauugg	7	0	s12
.....auuggauaccuguaauugg	1	0	s12
.....uuggauaccuguaauugg	2	0	s12
.....caaaauggauaccuguaau..	1	0	s13
.....caaaauggauaccuguaauu..	5	0	s13
.....caaaauggauaccuguaauuU.	1	1	s13
.....caaaauggauaccuguaauugg	5	0	s13
.....caaaauggauaccuguaauuggA	1	1	s13
.....aaaauuggauaccuguaau..	2	0	s13

Star	Mature		
cgauuuugauugguucugcagcgccuauuuugucgcguaauucggcgcgaaacacguggguguccaauuacagguaucggaauugagcaacuucaaaugggauaccuguaauugg			
.....aaaauuggauaccuguaauuu..	2	0	s13
.....aaaauuggauaccuguaauugg	2	0	s13
.....aaaauuggauaccuguaauuu..	4	0	s13
.....auuggauaccuguaauugg	1	0	s13
.....uuggauaccuguaauugg	2	0	s13
.....cagguaucggaauugagcaacuca.....	2	0	s01
.....caaaauuggauaccuguaauugA	1	1	s01
.....uuggauaccuguaauugg	1	0	s01
.....uuggauaccuguaauugA	1	1	s01
.....uucaaaugggauaccuguaauuu..	2	0	s17
.....caaauCggauaccuguaauugg	1	1	s17
.....aaaauuggauaccuguaau..	2	0	s17
.....aaaauuggauaccuguaauuu..	1	0	s17
.....uuggauaccuguaauugg	3	0	s17
.....uuggauaccuguaauugA	1	1	s17
.....ucgcgGauucggcgcgaaacacguggggug.....	1	1	s10
.....caaaauuggauaccuguaau..	1	0	s10
.....caaaauuggauaccuguaauuu..	4	0	s10
.....caaaauuggauaccuguaauuu..	3	0	s10
.....caaaauuggauaccuguaauugg	7	0	s10
.....caaaauuggauaccuguaauugA	1	1	s10
.....aaaauuggauaccuguaauuu..	2	0	s10
.....aaaauuggauaccuguaauuu..	4	0	s10
.....aaaauuggauaccuguaauuuC	1	1	s10
.....aaaauuggauaccuguaauuu..	1	0	s10
.....uuggauaccuguaauugg	2	0	s10
.....caaaauuggauaccuguaauugg	1	0	s11
.....uuacagguaucggaauugagca.....	1	0	s02
.....uacUgguaucggaauugagca.....	1	1	s02
.....uacagguaucggaauugagcaacu.....	1	0	s02
.....acuucaaaauuggauaccugu.....	4	0	s02
.....ucaaaauuggauaccuguaau..	2	0	s02
.....caaaauuggauaccuguaau..	3	0	s02
.....caaaauuggauaccAguauuu..	1	1	s02
.....Uaaaauuggauaccuguaauuu..	13	1	s02
.....caaaauuggauaccugAauuu..	1	1	s02
.....caaaauuggauaccuguaauuu..	43	0	s02
.....caaaauuggauaccuguaauuu..	3	0	s02
.....caaaauuggauaccuguaauugA	5	1	s02
.....caaaauuggauaccuguaauugg	22	0	s02
.....caaauCggauaccuguaauugg	3	1	s02
.....Uaaaauuggauaccuguaauugg	8	1	s02
.....aaaauuggauaccuguaau..	6	0	s02
.....aaaauuggauaccuguaauuu..	15	0	s02
.....aaaauuggCuaccuguaauuu..	1	1	s02
.....aaaauuggauaccuguaauuu..	10	0	s02
.....aaaauuggauaccuguaaGugg	1	1	s02
.....aaaauuggauaccuguaauugg	15	0	s02
.....aaauCggauaccuguaauugg	2	1	s02
.....aaaauuggauaccuguaCuugg	1	1	s02
.....aaaauuggauaccuguaauugA	2	1	s02
.....aaaauuggauaccuguaauuu..	3	0	s02
.....aaaauuggauaccuguaauugA	1	1	s02
.....aaaauuggauaccuguaauugg	7	0	s02
.....uuggauaccuguaauugg	1	0	s02
.....caaaauuggauaccuguaauuu..	2	0	s05
.....caaaauuggauaccuguaauuu..	1	0	s05
.....caaaauuggauaccuguaauugg	4	0	s05
.....aaaauuggauaccuguaau..	1	0	s05
.....aaaauuggauaccuguaauuu..	1	0	s05
.....aaaauuggauaccuguaauuu..	1	0	s05
.....aaaauuggauaccuguaauuu..	1	0	s05
.....aaaauuggauaccuguaauuu..	4	0	s05
.....aaaauuggauaccuguaauuu..	1	1	s05
.....uugagcaacucaaaauug.....	1	0	s18

Star

Mature

cgauuuugauugguucugcacgcgccuauuuugucgcguaauucggcgcgcaaaucacguggguguccaauuacagguaucCGauuugagcaacuucaaauggaauaccuguaauugg			
.....caaauggaauaccuguaauu..	1	0	s18
.....aaauuggaauaccuguaauu..	3	0	s18
.....aaauuggaauaccuguaauugg	2	0	s18
.....ucugcacgcgccuauuuugucU.....	1	1	s08
.....aacuucaaauggaauaccuga.....	2	1	s08
.....caaauggaauaccuguaauu..	2	0	s08
.....caaaucGggaauaccuguaauugg	1	1	s08
.....caaauggaauaccuguaauugA	1	1	s08
.....caaauggaauaccuguaauugg	2	0	s08
.....Uaaauggaauaccuguaauugg	1	1	s08
.....aaaucGggaauaccuguaauu..	1	1	s08
.....aaauuggaauaccuguaauu..	2	0	s08
.....aaauuggaauaccuguaauu..	2	0	s08
.....uuggauaccuguaauugg	3	0	s08
.....uacagguaucCGauuugagcaacuuc.....	1	0	s09
.....agcaacuucaaGuuggauaccuguaauugg	2	1	s09
.....caaauggaauaccuguaauu..	4	0	s09
.....caaauggaauaccuguaauug.	3	0	s09
.....caaauggaauaccuguaauugA	1	1	s09
.....caaauggauacGuguaauugg	1	1	s09
.....caaauggaauaccuguaauugg	1	0	s09
.....aaauuggaauaccuguaauu..	2	0	s09
.....aaauuggaauaccuguaauugg	1	0	s09
.....caaauggaauaccuguaauu..	1	0	s07
.....Uaaauggaauaccuguaauu..	1	1	s07
.....caaauggaauaccuguaauu..	13	0	s07
.....Uaaauggaauaccuguaauug.	1	1	s07
.....caaauggaauaccuguaauugg	13	0	s07
.....Uaaauggaauaccuguaauugg	3	1	s07
.....aaauuggaauaccuguaauu..	8	0	s07
.....aaaucGggauaccuguaauugg	3	1	s07
.....aaauuggaauaccuguaauugg	2	0	s07
.....uuggauaccuguaauugg	1	0	s07
.....cacguggguguccaauuaca.....	1	0	s06
.....ugagcaacuucaaauggaauaccuguaauu..	1	0	s06
.....gagcaacuucaaauggaauaccuguaauug.	1	0	s06
.....uucaaauggaauaccuguaauu..	1	0	s06
.....caaauggaauaccuguaauu..	3	0	s06
.....caaauggaauaccuguaauugA	1	1	s06
.....aaauuggaauaccuguaauugg	1	0	s06
.....aaauuggaauaccuguaauug.	1	0	s06
.....uuggauaccuguaauugg	5	0	s06
.....cagguaucCGauuugagcaacuca.....	1	0	s03
.....caaauggaauaccuguaaGu..	2	1	s03
.....caaauggaauaccuguaauu..	2	0	s03
.....Uaaauggaauaccuguaauu..	1	1	s03
.....caaauggaauaccuguaauugg	5	0	s03
.....aaauuggaauaccuguaauu..	1	0	s03
.....aaauuggaauaccuguaauug.	2	0	s03
.....aaauuggaauaccuguaauugg	1	0	s03
.....aaauuggaauaccuguaauug.	1	0	s03
.....uuggauaccuguaauugg	1	0	s03
.....caaauggaauaccuguaauu..	1	0	s15
.....caaauggaauaccuguaauugg	2	0	s15
.....uacagguaucCGauuugagcaac.....	2	0	s16
.....caaauggaauaccuguaauu..	2	0	s16
.....caaauggaauaccuguaauug.	2	0	s16
.....caaauggaauaccuguaauugg	3	0	s16
.....caaaucGggaauaccuguaauugg	1	1	s16