Star **Mature**

```
5'- aucacgugggguguccaauuacagguauccgauuugagcaacuucaaauuggauaccguaauuggacaccuacgccauucgcgcgucaaucacgcgauauaaauggguucugucu  -3'   obs
    aucacgugggguguccaauuacagguauccgauuugagcaacuucaaauuggauaccguaauuggacaccuacgccauucgcgcgucaaucacgcgauauaaauggguucugucu         exp
    ....((((((((((((((((((((((((((((((((((....))))))))))))))))))))))))))))))))(((((..(((((.....)))))....)))))........   reads   mm   sample
    ..............................................caaauuggauaccguaau....................................................   1     0    s07
    ..............................................caaauuggauaccguaauu...................................................   13    0    s07
    ..............................................Uaaauuggauaccguaauu...................................................   1     1    s07
    ..............................................Uaaauuggauaccguaauug..................................................   1     1    s07
    ..............................................caaauuggauaccguaauugg.................................................   13    0    s07
    ..............................................Uaaauuggauaccguaauugg.................................................   3     1    s07
    ..............................................caaauuggauaccguaauugga................................................   3     0    s07
    ...............................................aaauuggauaccguaauu...................................................   8     0    s07
    ...............................................aaauCggauaccguaauugg.................................................   3     1    s07
    ...............................................aaauuggauaccguaauugg.................................................   2     0    s07
    ...............................................aaauuggCuaccguaauugga................................................   1     1    s07
    ...............................................aaauuggauaccguaauugga................................................   24    0    s07
    ...............................................aaauuggauaccguaauuggG................................................   2     1    s07
    ...............................................aaauuggauaccguaauuggaU...............................................   4     1    s07
    ................................................aauuggauaccguaauugguU...............................................   1     1    s07
    ................................................uuggauaccguaauugg...................................................   1     0    s07
    ................................................uuggauaccguaauuggaA.................................................   1     1    s07
    ................................................uuggauaccguaauuggacac...............................................   1     0    s07
    .................................................uguaauuggacaccuacgcA...............................................   1     1    s07

    ..................uacagguauccgauuugagcaacuuc.......................................................................   1     0    s09
    .........................agcaacuucaaGuuggauaccguaauugg.............................................................   2     1    s09
    .............................................caaauuggauaccguaauu...................................................   4     0    s09
    .............................................caaauuggauaccguaauug..................................................   3     0    s09
    .............................................caaauuggauaccguaauugA..................................................   1     1    s09
    .............................................caaauuggauacGguaauugg..................................................   1     1    s09
    .............................................caaauuggauaccguaauugg..................................................   1     0    s09
    ..............................................aaauuggauaccguaauu...................................................   2     0    s09
    ..............................................aaauuggauaccguaauugg.................................................   1     0    s09
    ..............................................aaauuggauaccguaauugga................................................   2     0    s09
    ..............................................aaauuggauaccugAaauugga................................................   3     1    s09
    ..............................................aaauuggauaccguaauugguU...............................................   1     1    s09
    ...............................................aauuggauaccguaauuggaca..............................................   1     0    s09
```

aucacgugggguguccaauuacagguauccgauuugagcaacuucaaauuggauaccguaauuggacaccuacgccauucgcgcgucaaucacgcgauauaaauggguucugucu

....aaauuggauaccguaauugga...	1	0	s04
....aaauuggauaccguaauuggaU..	1	1	s04
....gcaacuucaaauuggauaccguaauugga...	3	0	s08
....aacuucaaauuggauaccugA..	2	1	s08
....caaauuggauaccguaauu...	2	0	s08
....Uaaauuggauaccguaauugg..	1	1	s08
....caaauCggauaccguaauugg..	1	1	s08
....caaauuggauaccguaauugg..	2	0	s08
....caaauuggauaccguaauugA..	1	1	s08
....caaauuggauaccguaauuggG...	1	1	s08
....caaauCggauaccguaauugga...	1	1	s08
....caaauuggauaccguaauugga...	1	0	s08
....aaauuggauaccguaauu...	2	0	s08
....aaauCggauaccguaauu...	1	1	s08
....aaauuggauaccguaauugga...	5	0	s08
....aaauuggauaccguaauuggaU..	1	1	s08
....aauuggauaccguaauu...	2	0	s08
....aauuggauaccguaauuggC...	3	1	s08
....uuggauaccguaauugg...	3	0	s08
....uuggauaccguaauuggacacc..	2	0	s08
....caaauuggauaccguaauu...	1	0	s15
....caaauuggauaccguaauugg..	2	0	s15
....aaauuggauaccguaauugga...	1	0	s15
....aaauuggauaccguaauuggaU..	2	1	s15
....cagg"uauccgauuugagcaacuuca...	1	0	s03
....caaauuggauaccguaauu...	2	0	s03
....Uaaauuggauaccguaauu...	1	1	s03
....caaauuggauaccguaaGu...	2	1	s03
....caaauuggauaccguaauugg...	5	0	s03
....aaauuggauaccguaauu...	1	0	s03
....aaauuggauaccguaauug..	2	0	s03
....aaauuggauaccguaauugg...	1	0	s03
....aaauuggauaccguaauugga..	3	0	s03
....aaauuggauaccguaauuggaA...	1	1	s03
....aauuggauaccguaauug..	1	0	s03
....aauuggauaccguaauugAac..	1	1	s03
....aauuggauaccguaauuggaca...	1	0	s03
....uuggauaccguaauugg...	1	0	s03
....uguaauuggacaccuacgc..	2	0	s03
....uaauuggacaccuacgcca.......................................	3	0	s03
..cacgugggguguccaauuaca...	1	0	s06
....ugagcaacuucaaauuggauaccguaauu...	1	0	s06
....gagcaacuucaaauuggauaccguaauug...	1	0	s06
....gcaacuucaaauuggauaccguaauugga..	3	0	s06
....uucaaauuggauaccguaauu...	1	0	s06
....uucaaauuggauaccguaauuAgacacc..	1	1	s06
....caaauuggauaccguaauu...	3	0	s06
....caaauuggauaccguaauugA..	1	1	s06
....aaauuggauaccguaauugg...	1	0	s06
....aaauuggauaccguaauugga...	14	0	s06
....aaauuggauaccguaauuggac..	1	0	s06
....aaauuggauaccguaauuggaU..	3	1	s06
....aaauuggauaccguaauuggacU...	2	1	s06
....aauuggauaccguaauug..	1	0	s06
....aauuggauaccguaauuggacacc..	2	0	s06
....auuggauaccguaauuggac...	2	0	s06
....uuggauaccguaauugg...	5	0	s06
...............uacagguauccgauuugagcaac..	2	0	s16
....ucaaauCggauaccguaauuggacacc...	1	1	s16
....caaauuggauaccguaauu...	2	0	s16
....caaauuggauaccguaauug..	2	0	s16
....caaauCggauaccguaauugg..	1	1	s16
aucacgugggguguccaauuacagguauccgauuugagcaacuuc..caaauuggauaccguaauuggacaccuacgccauucgcgcgucaaucacgcgauauaaauggguucugucu	3	0	s16
....caaauuggauaccguaauugga...	2	0	s16

aucacgugggguguccaauuacagguauccgauuugagcaacuucaaauuggauaccguaauuggacaccuacgccauucgcgcgucaaucacgcgauauaaaugggguucugucu

Read		
aaauuggauaccguaauugga	7	0	s16
aaauuggauaccguaauuggG	1	1	s16
aaauuggauaccguaauuggU	1	1	s16
Uaauuggauaccguaauugga	1	1	s16
aaauuggauaccguaauuggaU	1	1	s16
aauuggauaccguaauuggacC	1	1	s16
aauuggauaccguaauuggaca	1	0	s16
caaauuggauaccguaau	1	0	s13
caaauuggauaccguaauu	5	0	s13
caaauuggauaccguaauuU	1	1	s13
caaauuggauaccguaauugA	1	1	s13
caaauuggauaccguaauugg	5	0	s13
caaauuggauaccguaauugga	4	0	s13
aaauuggauaccguaauu	2	0	s13
aaauuggauaccguaauuu	2	0	s13
aaauuggauaccguaauugg	2	0	s13
aaauuggauaccguaauuggG	2	1	s13
aaauuggauaccguaauugga	1	0	s13
aaauuggauaccguaauuggaU	2	1	s13
aauuggauaccguaauu	4	0	s13
auuggauaccguaauugg	1	0	s13
auuggauaccguaauuggaca	1	0	s13
uuggauaccguaauugg	2	0	s13
uuggauaccguaauuggacacc	2	0	s13
uugagcaacuucaaauCggauaccguaau	1	1	s12
caaauuggauaccguaauu	1	0	s12
caaauuggauaccguaauu	15	0	s12
caaauuggauaccguaauugg	11	0	s12
caaauuggauaccguaauugC	1	1	s12
Uaaauuggauaccguaauugg	1	1	s12
caaauuggauaccguaauugA	1	1	s12
Uaaauuggauaccguaauuggaca	1	1	s12
aaauuggauaccguaauu	10	0	s12
aaauuggauaccguaauug	1	0	s12
aaauuggauaccguaauugg	7	0	s12
aaauuggauaccguaauuggU	2	1	s12
aaauuggauaccguaauugga	22	0	s12
aaauuggauaccguaauuggaU	8	1	s12
aaauuggauaccguaauuggac	1	0	s12
aauuggauaccguaauuggac	1	0	s12
auuggauaccguaauugg	1	0	s12
auuggauaccguaaGuggaca	1	1	s12
uuggauaccguaauugg	2	0	s12
uuggauaccguaauuggacacc	2	0	s12
uguaauuggacaccuacgc	1	0	s12
caaauuggauaccguaauu	1	0	s14
caaauCggauaccguaauu	1	1	s14
caaauuggauaccguaauugg	2	0	s14
caaauuggauaccguaauuggaU	2	1	s14
aaauuggauaccguaauu	1	0	s14
aaauuggauaccguaauugga	3	0	s14
caaauuggauaccguaauu	8	0	s19
Uaaauuggauaccguaauu	1	1	s19
caaauuggauaccguaauugg	6	0	s19
caaauuggauaccguaauugga	1	0	s19
Uaaauuggauaccguaauugga	1	1	s19
caaauuggauaccguaauuggaUa	1	1	s19
aaauuggauaccguaauu	2	0	s19
aaauuggauaccguaauugA	5	1	s19
aaauuggauaccguaauugg	2	0	s19
aaauuggauaccguaauuggG	1	1	s19
aaauuggauaccguaauuggU	1	1	s19
aaauuAgauaccguaauugga	1	1	s19
aauuggauaccguaauugga	11	0	s19
aaauuggauaccguaauuggaA	1	1	s19
aaauuggauaccguaauuggaU	1	1	s19

Reference: `aucacgugggguguccaauuacagguauccgauuugagcaacuucaaauuggauaccuguaauuggacaccuacgccauucgcgcgucaaucacgcgauauaaauggguucugucu`

Read	Count	Mismatch	Sample
aauuggauaccuguaauugg	1	0	s19
aauuggauaccuguaauuggaca	1	0	s19
uuggauaccuguaauugg	1	0	s19
uuggauaccuguaauuggaca	1	0	s19
caaauuggauaccuguaau	1	0	s10
caaauuggauaccuguaauu	4	0	s10
caaauuggauaccuguaauug	3	0	s10
caaauuggauaccuguaauugA	1	1	s10
caaauuggauaccuguaauugg	7	0	s10
caaauuggauaccuguaauugga	1	0	s10
aaauuggauaccuguaauu	2	0	s10
aaauuggauaccuguaauug	4	0	s10
aaauuggauaccuguaauugC	1	1	s10
aaauuggauaccuguaauugga	20	0	s10
aaauuggauaccuguaauuggU	2	1	s10
aaauuggauaccuguaauuggac	2	0	s10
aaauuggauaccuguaauuggaU	2	1	s10
aaauuggauaccuguaauuggaUa	1	1	s10
aauuggauaccuguaauugg	1	0	s10
aauuggauaccuguaauugga	2	0	s10
auuggauaccuguaauugga	1	0	s10
auuggauaccuguaauuggaca	2	0	s10
uuggauaccuguaauugg	2	0	s10
uuggauaccuguaauugga	1	0	s10
uuggauaccuguaauuggacacc	3	0	s10
uguaauuggacaccuacgc	1	0	s10
uucaaauuggauaccuguaauu	2	0	s17
caaauCggauaccuguaauugg	1	1	s17
aaauuggauaccuguaau	2	0	s17
aaauuggauaccuguaauug	1	0	s17
uuggauaccuguaauugA	1	1	s17
uuggauaccuguaauugg	3	0	s17
uuggauaccuguaauuggaA	1	1	s17
uuggauaccuguaauuggacacc	1	0	s17
cagguauccgauuugagcaacuuca	2	0	s01
caaauuggauaccuguaauugA	1	1	s01
uuggauaccuguaauugA	1	1	s01
uuggauaccuguaauugg	1	0	s01
caaauuggauaccuguaauugg	1	0	s11
uuacagguauccgauuugagca	1	0	s02
uacUgguauccgauuugagca	1	1	s02
uacagguauccgauuugagcaacu	1	0	s02
acuucaaauuggauaccugu	4	0	s02
ucaaauuggauaccuguaau	2	0	s02
caaauuggauaccuguaau	3	0	s02
caaauuggauaccuguaauu	43	0	s02
caaauuggauaccAguaauu	1	1	s02
caaauuggauaccugAaauu	1	1	s02
Uaaauuggauaccuguaauu	13	1	s02
caaauuggauaccuguaauug	3	0	s02
Uaaauuggauaccuguaauugg	8	1	s02
caaauuggauaccuguaauugA	5	1	s02
caaauuggauaccuguaauugg	22	0	s02
caaauCggauaccuguaauugg	3	1	s02
caaauuggauaccuguaauuggU	6	1	s02
caaauuggauaccuguaauuggG	1	1	s02
caaauuggauaccuguaauugga	13	0	s02
caaauuggauaccuguaauuggaA	3	1	s02
Uaaauuggauaccuguaauuggaca	1	1	s02
aaauuggauaccuguaau	6	0	s02
aaauuggauaccuguaauu	15	0	s02
aaauuggCuaccuguaauu	1	1	s02
aaauuggauaccuguaauug	10	0	s02
aaauuggauaccuguaauugA	2	1	s02
aaauCggauaccuguaauugg	2	1	s02

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aucacgugggguguccaauuacagguauccgauuugagcaacuucaaauuggauaccguaauuggacaccuacgccauucgcgcgucaaucacgcgauauaaaugggguucugucu
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Read	Count	MM	Sample
....aaauuggauaccguaauugg..	15	0	s02
....aaauuggauaccguaaGugg..	1	1	s02
....aaauuggauaccguaCuugg..	1	1	s02
....aaauuggauaccguaauugguU...	14	1	s02
....aaauuggauaccugAaauugga..	1	1	s02
....aaauuggauaccguaauuggC...	1	1	s02
....aaauuggauaccguaauugga...	74	0	s02
....aaauuggauaccguaauuggaA..	1	1	s02
....aaauuggauaccGguaauuggac..	1	1	s02
....aaauuggauaccguaauuggaU..	26	1	s02
....aaauuggauaccguaauuggac..	12	0	s02
....aaauuggauaccguaauuggUca...	1	1	s02
....aaauuggauaccguaauuggaUa...	1	1	s02
....aaauuggauaccguaauuggacU...	3	1	s02
....aaauuggauaccguaauuggaca...	1	0	s02
....aauuggauaccguaauu...	3	0	s02
....aauuggauaccguaauugg...	7	0	s02
....aauuggauaccguaauuggA..	1	1	s02
....aauuggauaccguaauuggG..	1	1	s02
....aauuggauaccguaauuggacG..	1	1	s02
....aauuggauaccguaauuggaca..	8	0	s02
....auuggauaccguaauuggacU...	1	1	s02
....uuggauaccguaauugg...	1	0	s02
....uuggauaccguaauuggac...	1	0	s02
....uuggauaccguaauuggaca...	1	0	s02
....uuggauaccguaauuggGcacc..	1	1	s02
....uuggauaccguaauuggacacc..	11	0	s02
....uuggauaccguaaGuggacacc..	1	1	s02
....uggauaccguaauuggaca..	3	0	s02
............................uugagcaacuucaaauug...	1	0	s18
....caaauuggauaccguaauu...	1	0	s18
....aaauuggauaccguaauu...	3	0	s18
....aaauuggauaccguaauugg...	2	0	s18
....aaauuggauaccguaauugga..	2	0	s18
....aauuggauaccguaauuggacG..	2	1	s18
....caaauuggauaccguaauu...	2	0	s05
....caaauuggauaccguaauug..	1	0	s05
....caaauuggauaccguaauugg...	4	0	s05
....caaauuggauaccguaauugga..	1	0	s05
....aaauuggauaccguaau...	1	0	s05
....aaauuggauaccguaauu...	1	0	s05
....aaauuggauaccguaauug..	1	0	s05
....aaauuggauaccguaauugA...	1	1	s05
....aaauuggauaccguaauugg...	4	0	s05
....aaauuggauaccguaauugga..	9	0	s05
....aaauuggauaccguaauuggac...	4	0	s05
....aaauuggauaccguaauuggaU...	11	1	s05
....uuggauaccguaauuggacU...	2	1	s05
....uuggauaccguaauuggacacc...	1	0	s05