```
                                                                Star            Mature
5'- uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugauguca auuggcacauaugauuccagggcuuuugaaugaggacaucacc  -3'   obs
    uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugauguca auuggcacauaugauuccagggcuuuugaaugaggacaucacc        exp
    ................(((.(((..(((.(((((((((.((((((((((((((((((..........))))))))))))))))))).))))).)))))))))).)))....))).))).       reads    mm    sample
    .............................ccugcaauuuaugugccaguuguA..........................................................        1     1     Mm3
    ...................................................Cauuggcacauaugauuccagggc...................................        2     1     Mm3
    ...................................................auuggcacauaugauuccagggg....................................       48     0     Mm3
    ...................................................auuggcacauaugauuccaggU.....................................        2     1     Mm3
    ...................................................auuggcacauaugauuccaggC.....................................        1     1     Mm3
    ...................................................auuggcacauaugauuccagggA....................................        1     1     Mm3
    ...................................................auuggcacUuaugauuccagggc....................................        2     1     Mm3
    ...................................................auuCgcacauaugauuccagggc....................................        1     1     Mm3
    ...................................................Guuggcacauaugauuccagggc....................................        2     1     Mm3
    ...................................................auuggcacaCauugauuccagggc...................................       11     1     Mm3
    ...................................................auuggcacauaugauuUcagggc....................................       22     1     Mm3
    ...................................................auuggcacauaugauuccUgggc....................................        2     1     Mm3
    ...................................................aAuggcacauaugauuccagggc....................................        1     1     Mm3
    ...................................................auuggcacCuaugauuccagggc....................................        1     1     Mm3
    ...................................................auuggcacauaugauuccagggU....................................       12     1     Mm3
    ...................................................auuggcacauUugauuccagggc....................................        1     1     Mm3
    ...................................................auuUgcacauaugauuccagggc....................................        2     1     Mm3
    ...................................................auuggcacauaugauuGcagggc....................................        8     1     Mm3
    ...................................................auuggcacauaugauuccagAgc....................................        1     1     Mm3
    ...................................................auuggcacauaugauucAagggc....................................       55     1     Mm3
    ...................................................auuggcacauaugauuccaggUc....................................        1     1     Mm3
    ...................................................auuggcacauaugauuAacgggc....................................       33     1     Mm3
    ...................................................Nuuggcacauaugauuccagggc....................................        5     1     Mm3
    ...................................................auuggcacauaugauucGagggc....................................       27     1     Mm3
    ...................................................Cuuggcacauaugauuccagggc....................................        3     1     Mm3
    ...................................................auugCcacauaugauuccagggc....................................        1     1     Mm3
    ...................................................auuggUacauaugauuccagggc....................................        3     1     Mm3
    ...................................................auuggcacauaugauuccCgggc....................................        1     1     Mm3
    ...................................................auuggcCcauaugauuccagggc....................................        1     1     Mm3
    ...................................................auuggcGcauaugauuccagggc....................................       18     1     Mm3
    ...................................................auuggcacauGugauuccagggc....................................       13     1     Mm3
    ...................................................auuggcacauaugauuccaggAc...................................        2     1     Mm3
    ...................................................auuggcacauaugaCuccagggc....................................        4     1     Mm3
```

```
uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaauuggcacauaugauuccagggcuuuugaaugaggacaucacc
...................................................................auuggcacauCugauuccagggc....................    8      1    Mm3
...................................................................auuggcaUauaugauuccagggc....................    4      1    Mm3
...................................................................auuggcacauaugauuccaggCc...................     1      1    Mm3
...................................................................auuggcacauaugCuuccagggc...................     1      1    Mm3
...................................................................aCuggcacauaugauuccagggc...................     4      1    Mm3
...................................................................auugUcacauaugauuccagggc...................     5      1    Mm3
...................................................................auuggcacauaugauCccagggc...................     1      1    Mm3
...................................................................auuggcacauaugauuccagggc...................  6593      0    Mm3
...................................................................Uuuggcacauaugauuccagggc...................     3      1    Mm3
...................................................................auuggcacauaugauucUagggc...................    46      1    Mm3
...................................................................auCggcacauaugauuccagggc...................     1      1    Mm3
...................................................................auugAcacauaugauuccagggc...................     3      1    Mm3
...................................................................auuggcacauaugaAuccagggc...................     1      1    Mm3
...................................................................auAggcacauaugauuccagggc...................     4      1    Mm3
...................................................................auuggcacauaugauuccGgggc...................     3      1    Mm3
...................................................................auuAgcacauaugauuccagggc...................     2      1    Mm3
...................................................................auuggNacauaugauuccagggc...................     2      1    Mm3
...................................................................auuggcacauaUauuccagggc...................     1      1    Mm3
...................................................................auuggcacauaugauuccagUgc...................     1      1    Mm3
...................................................................auuggGacauaugauuccagggc...................     1      1    Mm3
...................................................................auuggcUcauaugauuccagggc...................     1      1    Mm3
...................................................................auuggcacauaugauuccaggGG...................     1      1    Mm3
...................................................................auuggAacauaugauuccagggc...................     1      1    Mm3
...................................................................auuggcacauaugauuccagggcu..................   268      0    Mm3
...................................................................auuggcaUauaugauuccagggcu..................     1      1    Mm3
...................................................................auuggcacauaugauuccagggcG..................     5      1    Mm3
...................................................................auGggcacauaugauuccagggcu..................     1      1    Mm3
...................................................................auuggcacauaugauuAcagggcu..................     1      1    Mm3
...................................................................auugUcacauaugauuccagggcu..................     1      1    Mm3
...................................................................auuggcGcauaugauuccagggcu..................     2      1    Mm3
...................................................................auuggcacauaugauucAagggcu..................     5      1    Mm3
...................................................................auuggcacauaugauuUcagggcu..................     1      1    Mm3
...................................................................auuggcacauaugauucGagggcu..................     2      1    Mm3
...................................................................auuggcacauaugauuccagggcA..................     7      1    Mm3
...................................................................auuggcacauaugauucUagggcu..................     3      1    Mm3
...................................................................auuggcacauGugauuccagggcu..................     1      1    Mm3
...................................................................auuggcacauaugauuccagggUuu.................     1      1    Mm3
...................................................................auuggcacauaugauuccagggcuG.................     6      1    Mm3
...................................................................auuggcacauaugauuccagggcCu.................     1      1    Mm3
...................................................................auuggcacauaugauuccagggcuA.................     4      1    Mm3
...................................................................auuggcacauaugauuccagggcuu.................    48      0    Mm3
...................................................................auuggcacauaugauucUagggcuu.................     1      1    Mm3
...................................................................auuggcacauaugauuccagggcuGu................     2      1    Mm3
...................................................................auuggcacauaugauuccagggUuuu................     1      1    Mm3
...................................................................auuggcGcauaugauuccagggcuuu................     1      1    Mm3
...................................................................auuggcacauaugauuccagggcuAu................     1      1    Mm3
...................................................................auuggcacauaugauuccagggcuuu................     6      0    Mm3
...................................................................auuggcacauaugauuccagggcuGuu...............     1      1    Mm3
....................................................................uuggcacauaugauuccagggc...................     7      0    Mm3
....................................................................uuggcacauaugauucAagggc...................     1      1    Mm3
....................................................................uuggcacauaugauuccCgggc...................     1      1    Mm3
....................................................................uuggcacauaugauuccagggcuG.................     1      1    Mm3
.....................................................................uggcacauaugauuccagggc...................     2      0    Mm3
......................................................................ggcacauaugauuccagAgc...................     1      1    Mm3
......................................................................ggcacauaugauuccagggC...................     5      0    Mm3
.......................................................................gcacauaugauuccagggc...................    61      0    Mm3
.......................................................................gcacauaCauuccagggc...................     1      1    Mm3
.......................................................................gcacauaugauuccagggcu..................     1      0    Mm3
.......................................................................gcacauaugauuccagggcuu.................     1      0    Mm3
........................................................................cacauaugauuccagggA..................     1      1    Mm3
........................................................................cacauaugauuccagggc...................    54      0    Mm3
........................................................................cacauaugauCccagggc...................     1      1    Mm3
........................................................................cacauaugauuccaggUc...................     2      1    Mm3
........................................................................cacauaugauuccagggcC.................     1      1    Mm3
........................................................................cacauaugauuccagggcG.................     1      1    Mm3
........................................................................cacauaugauuccagggcu..................     5      0    Mm3
........................................................................cacauaugauuccagggcuu.................     1      0    Mm3
.........................................................................acauaugauuccagggcu..................     4      0    Mm3
uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugauguca...cauaugauuccagggcuu.................     6      0    Mm3
..........................................................................Nauaugauuccagggcuu.................     1      1    Mm3
```

Star   Mature

```
uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaauuggcacauaugauuccagggcuuuugaaugaggacaucacc

.......................................................................cauaugauuccagggcuuu.................    4       0     Mm3
.......................................................................cauaugauuccagggcuuuu................    4       0     Mm3


.................................................................Cauuggcacauaugauuccagggc...................    1       1     Mm1
.................................................................aauuggcacauaugauuccagggc...................    1       0     Mm1
.................................................................auuggcacauaugauuucUagggc...................    2       1     Mm1
.................................................................auuggcacauaugauuccagggg...................   66       0     Mm1
.................................................................auuggcacauaugauucGaggg...................     1       1     Mm1
.................................................................auuggcacauaGgauuccagggc...................     1       1     Mm1
.................................................................auuggcacauaugauuccUgggc...................     1       1     Mm1
.................................................................auugCcacauaugauuccagggc...................     1       1     Mm1
.................................................................auuggcacauagaCuccagggc...................      1       1     Mm1
.................................................................auAggcacauaugauuccagggc...................     1       1     Mm1
.................................................................auuggcacauGugauuccagggc...................    20       1     Mm1
.................................................................auuggUacauaugauuccagggc...................     2       1     Mm1
.................................................................auuggcacaAaugauuccagggc...................     1       1     Mm1
.................................................................Guuggcacauaugauuccagggc...................     1       1     Mm1
.................................................................auuggcacauaugauucAagggc...................    83       1     Mm1
.................................................................aAuggcacauaugauuccagggc...................     3       1     Mm1
.................................................................auuggcacauaAauuccagggc...................      1       1     Mm1
.................................................................auuggcacauCugauuccagggc...................     9       1     Mm1
.................................................................auuggcacauugGuuccagggc...................      2       1     Mm1
.................................................................auuggcacauaugauuccaUggc...................     2       1     Mm1
.................................................................auuggcacauaugauuucUagggc...................   35       1     Mm1
.................................................................auGggcacauaugauuccagggc...................     1       1     Mm1
.................................................................auuggcacauaugauuGcagggc...................     6       1     Mm1
.................................................................auuggcacauaugauucGagggc...................    37       1     Mm1
.................................................................auuAgcacauaugauuccagggc...................     3       1     Mm1
.................................................................auuggcacauaugauuUcagggc...................    14       1     Mm1
.................................................................auuggcacaCaugauuccagggc...................     9       1     Mm1
.................................................................auuggcGcauaugauuccagggc...................     1       1     Mm1
.................................................................auuggcacauaugauuccagggU...................     5       1     Mm1
.................................................................auuggcacauaugUuuccagggc...................     2       1     Mm1
.................................................................auuggcacauaUauuccagggc...................      8       1     Mm1
.................................................................auuggcacauaugauuAcagggc...................    45       1     Mm1
.................................................................auuggcacauaugauuccCgggc...................     1       1     Mm1
.................................................................auuggcacauagauCccagggc...................      4       1     Mm1
.................................................................auuggcacaUugauuccagggc...................      3       1     Mm1
.................................................................Uuuggcacauaugauuccagggc...................     5       1     Mm1
.................................................................auuggcacauaugauuccagggc................... 7079       0     Mm1
.................................................................auuggcacauaugauuccGgggc...................     2       1     Mm1
.................................................................auuggcacUuaugauuccagggc...................     4       1     Mm1
.................................................................auuggGacauaugauuccagggc...................     1       1     Mm1
.................................................................auuggcacauaugauuccagUgc...................     1       1     Mm1
.................................................................auuggcacauaugauuccagggA...................    19       1     Mm1
.................................................................Nuuggcacauaugauuccagggc...................     6       1     Mm1
.................................................................auuggcCcauaugauuccagggc...................     1       1     Mm1
.................................................................auuggcacauaCgauuccagggcu..................     1       1     Mm1
.................................................................auuggcacauaugauucGagggcu..................     1       1     Mm1
.................................................................auuggcacauaugauuccagggcu..................    68       0     Mm1
.................................................................auuggcacauaugauuccagggcA..................    25       1     Mm1
.................................................................auuggcacauaugauuccagggcuA.................     2       1     Mm1
.................................................................auuggcacauaugauuccagggcuG.................     5       1     Mm1
.................................................................auuggcacauaugauuccagggcuu.................     1       0     Mm1
.................................................................auuggcacauaugauuccagggcAu.................     8       1     Mm1
..................................................................uuggcacauaugauuccagggc...................    28       0     Mm1
...................................................................uggcacauaugauuccagggc...................     2       0     Mm1
....................................................................ggcacauaugauuccagggc...................     4       0     Mm1
.....................................................................gcacauaugauuccagggc...................    46       0     Mm1
......................................................................Uacauaugauuccagggc...................     1       1     Mm1
.......................................................................cacauaugauuccaAggc..................     1       1     Mm1
.......................................................................cacauagauCccagggc...................     1       1     Mm1
.......................................................................cacauauCauuccagggc..................     1       1     Mm1
.......................................................................cacauaugauuccagggG..................     1       1     Mm1
.......................................................................cacauaugauuccaggAc..................     2       1     Mm1
.......................................................................cacauaugauuccagggA..................     6       1     Mm1
......................................................................Nacauaugauuccagggc...................     1       1     Mm1
.......................................................................cacauaugauuccagUgc..................     1       1     Mm1
uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucacacauGugauuccagggc...................     9       1     Mm1
.......................................................................cacaCaugauuccagggc..................     7       1     Mm1
```

`uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaauuggcacauaugauuccagggcuuuugaaugaggacaucacc`

Read	Count	Mismatch	Sample
...cacauaugauAccagggc...	1	1	Mm1
...cacauaugauuccagggc...	849	0	Mm1
...cacauaugauuccaggCc...	1	1	Mm1
...cacauaugauuccaggUc...	1	1	Mm1
...cacauaGgauuccagggc...	1	1	Mm1
...cacauaugauGccagggc...	1	1	Mm1
...cacauaugauucAagggc...	1	1	Mm1
...cacauaugauuccagggU...	3	1	Mm1
...cacauaugauuccagggUu...	1	1	Mm1
...cacauaugauuccagggcu...	14	0	Mm1
...cacauaugauuccagggcuu...	5	0	Mm1
...acauaugauuccagggcu...	8	0	Mm1
...cauaugauuccagggcuu...	6	0	Mm1
...cauaugauuccagggcuuu...	2	0	Mm1
...ccugcaauuuaugugccaguug...	3	0	Mm2
...ccugcaauuuaugugccaguugu...	3	0	Mm2
...Cauuggcacauaugauuccagggc...	1	1	Mm2
...aUuggcacauaugauuccagggc...	2	1	Mm2
...Uauuggcacauaugauuccagggc...	1	1	Mm2
...auuggcacauaugauuccagg...	1	0	Mm2
...auuggcacauaugauuGcaggg...	1	1	Mm2
...auuggcacauaugauuUcaggg...	1	1	Mm2
...auuggcacauaugauuccaggg...	80	0	Mm2
...auuggcacauaugauucUaggg...	2	1	Mm2
...auuggcacauaugauuccaggC...	7	1	Mm2
...auuggcacauaCgauuccaggg...	1	1	Mm2
...auuggcacauaugauucGagggc...	136	1	Mm2
...auuggGacauaugauuccagggc...	1	1	Mm2
...auuggcacauaugauucUagggc...	197	1	Mm2
...auuggcacauaGgauuccagggc...	1	1	Mm2
...auuggcacauaugauuccaggCc...	3	1	Mm2
...auuggcacauGugauuccagggc...	49	1	Mm2
...auuggcacauaugauuUcagggc...	85	1	Mm2
...auuggNacauaugauuccagggc...	3	1	Mm2
...auugCcacauaugauuccagggc...	1	1	Mm2
...aAuggcacauaugauuccagggc...	12	1	Mm2
...auuggcacauaugCuuccagggc...	3	1	Mm2
...auuggcUcauaugauuccagggc...	6	1	Mm2
...auuggcacaCaugauuccagggc...	34	1	Mm2
...auuggcaUauaugauuccagggc...	10	1	Mm2
...auuggcacauaugGuuccagggc...	1	1	Mm2
...Cuuggcacauaugauuccagggc...	3	1	Mm2
...auGggcacauaugauuccagggc...	3	1	Mm2
...auuggcacauaugauuccagggU...	52	1	Mm2
...Guuggcacauaugauuccagggc...	4	1	Mm2
...auAggcacauaugauuccagggc...	3	1	Mm2
...auuggcacauauUauuccagggc...	7	1	Mm2
...auuggcacauaugUuuccagggc...	4	1	Mm2
...auuggcacauaugauuccCgggc...	3	1	Mm2
...auuggcacauaugauuccagUgc...	9	1	Mm2
...auuggAacauaugauuccagggc...	1	1	Mm2
...auuggcacauaugauuccagggA...	11	1	Mm2
...auuggcacauaugauuGcagggc...	24	1	Mm2
...aGuggcacauaugauuccagggc...	5	1	Mm2
...auuggcacauaAgauuccagggc...	1	1	Mm2
...auuggcacGuaugauuccagggc...	4	1	Mm2
...auuCgcacauaugauuccagggc...	3	1	Mm2
...auuAgcacauaugauuccagggc...	7	1	Mm2
...auuggcacauaugauuccGgggc...	8	1	Mm2
...auuggcacauaugauCccagggc...	2	1	Mm2
...auuggcacauaugauuccaggAc...	4	1	Mm2
...Nuuggcacauaugauuccagggc...	10	1	Mm2
...auCggcacauaugauuccagggc...	2	1	Mm2
...auuggcacauUugauuccagggc...	16	1	Mm2
...auugUcacauaugauuccagggc...	8	1	Mm2
...aCuggcacauaugauuccagggc...	6	1	Mm2
...auuggUacauaugauuccagggc...	10	1	Mm2
auuggcacauaugauuccaUggc...	4	1	Mm2
...auuggcacauaugauuccagCgc...	1	1	Mm2

Star   Mature

uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaauuggcacauaugauuccagggcuuuugaaugaggacaucacc

Sequence	Count	MM	Type
auugAcacauaugauuccagggc	5	1	Mm2
auuggcacauauAauuccagggc	2	1	Mm2
auuggcacauaugauuccagggc	28764	0	Mm2
auuUgcacauaugauuccagggc	7	1	Mm2
auuggcacauaugaCuccagggc	3	1	Mm2
auuggcaAauaugauuccagggc	1	1	Mm2
auuggcGcauaugauuccagggc	13	1	Mm2
auuggcacUuaugauuccagggc	7	1	Mm2
Uuuggcacauaugauuccagggc	15	1	Mm2
auuggcacauaugauAccagggc	5	1	Mm2
auuggcacauaugauuccagggG	6	1	Mm2
auuggcacauCugauuccagggc	28	1	Mm2
auuggcacauaugauuccaCggc	1	1	Mm2
auuggcacauaugauuccagAgc	5	1	Mm2
auuggcacauaugauuccaAggc	1	1	Mm2
auuggcacauaugauuccUgggc	3	1	Mm2
auuggcacauaugauuAcagggc	156	1	Mm2
auuggcacauaugauuccaggUc	8	1	Mm2
auuggcacauaugauucAagggc	256	1	Mm2
auuggcacauaugauuUcagggcu	2	1	Mm2
auuggcacauaugauucUagggcu	6	1	Mm2
auuggcacauaugauuccagggcG	16	1	Mm2
auuggcacauaugauuAcagggcu	4	1	Mm2
auuggcacauaugauuccagggAu	1	1	Mm2
auuggcacauaugauCccagggcu	1	1	Mm2
auuggcacauaugaucAagggcu	6	1	Mm2
auuggcacauGugauuccagggcu	4	1	Mm2
auuggcacauaugauucGagggcu	3	1	Mm2
auuggcacauaugauuccagggcu	593	0	Mm2
auuggcacauaugauuccagggcA	26	1	Mm2
auuggcacauaugauuGcagggcu	2	1	Mm2
auuggcacaCaugauuccagggcu	1	1	Mm2
auuggcacauaugauuGcagggcuu	1	1	Mm2
auuggcacauaugauucAagggcuu	2	1	Mm2
auuggcacauaugauuccagggcuA	14	1	Mm2
auuggcacauaugauucGagggcuu	2	1	Mm2
aGuggcacauaugauuccagggcuu	1	1	Mm2
auuggcacauaugauuccagggcAu	4	1	Mm2
auuggcacauaugauuccagggcuG	13	1	Mm2
auuggcacauaugauuccagggcuu	127	0	Mm2
auuggcacauCugauuccagggcuu	1	1	Mm2
auuggcacauaugauuccagggcuuA	1	1	Mm2
auuggcacauaugauuccagggcuuu	11	0	Mm2
auuggcacauaugauuccagggcuGu	6	1	Mm2
auuggcacauaugauuccagggcuAu	1	1	Mm2
auuggcacauaugauuccagggcuGuu	1	1	Mm2
auuggcacauaugauuccagggcuuuu	3	0	Mm2
uuggcacauaugauuccagggc	53	0	Mm2
Auggcacauaugauuccagggc	1	1	Mm2
uuggcacauCugauuccagggc	1	1	Mm2
uuggcacauaugauuccagggcu	4	0	Mm2
uuggcacauaugauuccagggcA	2	1	Mm2
uggcacauaugauuccagggc	2	0	Mm2
ggcacauaugauuccGgggc	1	1	Mm2
ggcacauaugauuccagggc	2	0	Mm2
gcacauaugauuccagggc	26	0	Mm2
gcacauaugauuccaggUc	1	1	Mm2
Acacauaugauuccagggc	1	1	Mm2
cacauaugauuccagggU	3	1	Mm2
cacauCugauuccagggc	1	1	Mm2
caGauaugauuccagggc	1	1	Mm2
cacauaugauuccagggA	2	1	Mm2
cacauaugauuccaggUc	2	1	Mm2
cacauaugauuccagggc	304	0	Mm2
cacauaugauAccagggc	1	1	Mm2
cacauaugauuccagggG	1	1	Mm2
cacauaugauuccaggAc	1	1	Mm2
cacauaugauuccagggcu	18	0	Mm2
cacauaugauuccagggcA	2	1	Mm2
cacauaugauuccagggcuu	5	0	Mm2

Star Mature

```
uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaauuggcacauaugauuccagggcuuuugaaugaggacaucacc
```

Sequence	Count		Label
....cacauaugauuccagggcuuu.................	1	0	Mm2
....acauaugauuccagggcu...................	1	0	Mm2
....acauaugauuccagggcuuu.................	1	0	Mm2
....cauaugauuccagggcuu..................	5	0	Mm2
....cauaugauuccagggcuuu.................	6	0	Mm2
....auuggcacauGugauuccaggg....................	3	1	Fm3
....auuggcacauaugauuccaggC....................	1	1	Fm3
....auuggcacauaugauuGcaggg....................	1	1	Fm3
....auuggcacaCaugauuccaggg....................	3	1	Fm3
....auuggcacauaugauuccaggg....................	88	0	Fm3
....auuggcacauaugauuUcaggg....................	1	1	Fm3
....auuggcacauaugGuuccagggc...................	1	1	Fm3
....Uuuggcacauaugauuccagggc...................	5	1	Fm3
....auuggcacauaugauucGagggc...................	24	1	Fm3
....auuggcacauGugauuccagggc...................	21	1	Fm3
....auuUgcacauaugauuccagggc...................	1	1	Fm3
....auAggcacauaugauuccagggc...................	1	1	Fm3
....auCggcacauaugauuccagggc...................	3	1	Fm3
....auuggcacauauAauuccagggc...................	1	1	Fm3
....auGggcacauaugauuccagggc...................	1	1	Fm3
....auuggcacauaugauucUagggc...................	43	1	Fm3
....auuggcacauaugauuccagAgc...................	1	1	Fm3
....Nuuggcacauaugauuccagggc...................	4	1	Fm3
....auuggNacauaugauuccagggc...................	1	1	Fm3
....auuggcaUauaugauuccagggc...................	1	1	Fm3
....auuggcacauaugauuUcagggc...................	30	1	Fm3
....auuggcacaCaugauuccagggc...................	13	1	Fm3
....auuggcacauauCauuccagggc...................	1	1	Fm3
....auuggcacauaugauuGcagggc...................	9	1	Fm3
....auuggcacauaugauuccagUgc...................	2	1	Fm3
....auuggcUcauaugauuccagggc...................	1	1	Fm3
....auuggcacauaugauucAagggc...................	46	1	Fm3
....auuggcacauagaCuccagggc...................	1	1	Fm3
....auuggcGcauaugauuccagggc...................	3	1	Fm3
....auNggcacauaugauuccagggc...................	1	1	Fm3
....auugUcacauaugauuccagggc...................	4	1	Fm3
....auuggcacauaugauUaccagggc..................	1	1	Fm3
....auuggcacauaugauuccagggc...................	4972	0	Fm3
....auuggUacauaugauuccagggc...................	7	1	Fm3
....auuggcacauaugauuccagggU...................	8	1	Fm3
....auuggcacauCugauuccagggc...................	6	1	Fm3
....auuggcacauaugUuuccagggc...................	1	1	Fm3
....auuggcaAauaugauuccagggc...................	1	1	Fm3
....auuggcacauaugauuccGgggc...................	1	1	Fm3
....auuggcacauaugauuAcagggc...................	24	1	Fm3
....auuCgcacauaugauuccagggc...................	7	1	Fm3
....auuggcacauaGgauuccagggc...................	1	1	Fm3
....auugAcacauaugauuccagggc...................	1	1	Fm3
....auuggcacauUugauuccagggc...................	2	1	Fm3
....auuggcacauaugauuccaUggc...................	1	1	Fm3
....auuggcacauaugauCccagggc...................	1	1	Fm3
....auuggcacauaugauuccagggA...................	3	1	Fm3
....aAuggcacauaugauuccagggc...................	2	1	Fm3
....auuggcacauaugauuccaggUc...................	1	1	Fm3
....auuggcacauaugCuuccagggc...................	1	1	Fm3
....auuggcacauCugauuccagggcu..................	1	1	Fm3
....auuggcacauaugauuUcagggcu..................	4	1	Fm3
....auuggcacauaugauuccagggcA..................	14	1	Fm3
....auuggcacauaugauuccagggcu..................	81	0	Fm3
....auuggUacauaugauuccagggcu..................	1	1	Fm3
....auuggcacauaugauuccAgggcu..................	2	1	Fm3
....auuggcacauaugauuccUagggcu..................	3	1	Fm3
....Nuuggcacauaugauuccagggcu..................	1	1	Fm3
....auuggcacauaugauuccagggcG..................	4	1	Fm3
....auuggcacauaugauuccagggcuG.................	8	1	Fm3
....auuggcacauaugauuccagggcuu.................	1	0	Fm3
....auuggcacauaugauuccagggcuA.................	1	1	Fm3
uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucauuggcacauaugauuccagggc.....uuugaaugaggacaucacc	14	0	Fm3
....uuggcGcauaugauuccagggc....................	2	1	Fm3
```

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uacaugacagugcaacaugaagucauuuccagagu ccugcaauuuaugugccaguuguu guaugauguca auuggcacauaugauuccagggc uuuugaaugaggacaucacc
```

Sequence	Count	Mismatch	Group
..................uuggcacauaugauuccagggcu...	4	0	Fm3
....................gcacauaugauuccagggc...	3	0	Fm3
...................cacauaugauuccaggGCc...	2	1	Fm3
....................Gacauaugauuccagggc...	1	1	Fm3
...................cacauaugauuUcagggc...	1	1	Fm3
....................cacauGugauuccagggc...	2	1	Fm3
....................caUauaugauuccagggc...	1	1	Fm3
....................cacaUUugauuccagggc...	1	1	Fm3
....................cacauaugauuccagggc...	187	0	Fm3
....................cacauaugauuccagggcA...	1	1	Fm3
....................cacauaugauuccagggcu...	12	0	Fm3
....................acauaugauuccagggcA...	5	1	Fm3
....................cauaugauuccagggcAu...	2	1	Fm3
....................cauaugauuccagggcuu...	1	0	Fm3
..........ccugcaauuuaugugccagu...	3	0	Fm2
..........ccugcaauuuaugugccaguuguA...	17	1	Fm2
...........auuggcacauaugauuGcaggg...	1	1	Fm2
...........auuggcacauaugauuccaggg...	17	0	Fm2
...........auGggcacauaugauuccagggc...	2	1	Fm2
...........auuggcacauaugauuccagggc...	16046	0	Fm2
...........Uuuggcacauaugauuccagggc...	17	1	Fm2
...........auuggcacauaugauuccCgggc...	1	1	Fm2
...........auAggcacauaugauuccagggc...	6	1	Fm2
...........auuggcacauCugauuccagggc...	22	1	Fm2
...........auuggcacauaugauuGcagggc...	21	1	Fm2
...........auuggcaUauaugauuccagggc...	2	1	Fm2
...........auuggcacauaugauuccagggU...	3	1	Fm2
...........auuggcacauaugauAccagggc...	1	1	Fm2
...........auuggcacaAaugauuccagggc...	1	1	Fm2
...........auuggcacauaugauuccaggCc...	1	1	Fm2
...........auuggcacauaugauuccaAggc...	1	1	Fm2
...........aAuggcacauaugauuccagggc...	2	1	Fm2
...........auCggcacauaugauuccagggc...	2	1	Fm2
...........auuAgcacauaugauuccagggc...	1	1	Fm2
...........auuUcacauaugauuccagggc...	3	1	Fm2
...........auuggcacauaugauuccaggAc...	1	1	Fm2
...........auuggcacGuaugauuccagggc...	4	1	Fm2
...........auuggcacauaugauucAagggc...	170	1	Fm2
...........auuggcacauaugauuccGgggc...	7	1	Fm2
...........auuggcacauUugauuccagggc...	9	1	Fm2
...........auuggcacauaUauuccagggc...	1	1	Fm2
...........auuggcacauaGgauuccagggc...	1	1	Fm2
...........auuggcacauaugauucUagggc...	101	1	Fm2
...........auuggcacauaugauuccagAgc...	1	1	Fm2
...........auuggcacCuaugauuccagggc...	1	1	Fm2
...........auuggcCcauaugauuccagggc...	2	1	Fm2
...........auugAcacauaugauuccagggc...	3	1	Fm2
...........auuggAacauaugauuccagggc...	2	1	Fm2
...........auuggNacauaugauuccagggc...	3	1	Fm2
...........auuggcUcauaugauuccagggc...	6	1	Fm2
...........auuggcacauaugauucGagggc...	77	1	Fm2
...........auuggcacauaugauuccagggA...	4	1	Fm2
...........auuggcacauaugUuuccagggc...	1	1	Fm2
...........auuggcacauaugauCccagggc...	1	1	Fm2
...........Guuggcacauaugauuccagggc...	2	1	Fm2
...........auuggcacUuaugauuccagggc...	12	1	Fm2
...........auuggcaGauaugauuccagggc...	1	1	Fm2
...........auuggcacauaugaCuccagggc...	6	1	Fm2
...........auuggcacauaugaAuccagggc...	2	1	Fm2
...........auuggUacauaugauuccagggc...	6	1	Fm2
...........auuggcacauaugauuAcagggc...	82	1	Fm2
...........Nuuggcacauaugauuccagggc...	11	1	Fm2
...........auuggcacauaugauuccagCgc...	2	1	Fm2
...........auuggcacauaugGuuccagggc...	2	1	Fm2
...........auuggcacaUugauuccagggc...	25	1	Fm2
...........auuggcacauaugauuccaUggc...	6	1	Fm2
...........auuggcacauaugauuUcagggc...	36	1	Fm2
...........auuggcacauaugauuccaggUc...	2	1	Fm2
...........aCuggcacauaugauuccagggc...	1	1	Fm2

uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaauuggcacauaugauuccagggcuuuugaaugaggacaucacc

Sequence	Count	Mism	Group
....auuggcGcauaugauuccagggc....................	3	1	Fm2
....auuggcacauaugauuccagUgc....................	2	1	Fm2
....auuggcacauaugauuccaCggc....................	1	1	Fm2
....auuggcacauaugauucAagggcu...................	1	1	Fm2
....auuggcacauaugauuccagggcu...................	79	0	Fm2
....auuggcacauaugauucUagggcu...................	1	1	Fm2
....auuggcacauaugauuccagggcA...................	32	1	Fm2
....auuggcacauaugauuccagggcG...................	1	1	Fm2
....auuggcacauaugauuccagggcuu..................	30	0	Fm2
....auuggcacauaugauucAagggcuu..................	1	1	Fm2
....auuggcacauaugauuAcagggcuuu.................	1	1	Fm2
....auuggcacauaugauuccagggcuuu.................	19	0	Fm2
....auuggcUcauaugauuccagggcuuu.................	1	1	Fm2
....uuggcacauaugauuccagggc....................	28	0	Fm2
....gcacauaugauuccaAggc....................	1	1	Fm2
....gcacauaugauuccagggc....................	7	0	Fm2
....cacauaugauuccaggCc....................	2	1	Fm2
....cacauaugauuccaggAc....................	1	1	Fm2
....cacauaugauuccagggc....................	205	0	Fm2
....cacauaugauuccagggU....................	1	1	Fm2
....cacauaugauuccagggA....................	3	1	Fm2
....cacauaugauuccagggcu...................	7	0	Fm2
....acauaugauuccagggcu...................	1	0	Fm2
....cauaugauuccagggcuA..................	1	1	Fm2
....cauaugauuccagggcuuu.................	2	0	Fm2
....cauaugauuccagggcuuuu................	9	0	Fm2
....aauuggcacauaugauuccagggc....................	2	0	Fm1
....aauuggcacauaugauuUcagggc....................	1	1	Fm1
....Cauuggcacauaugauuccagggc....................	1	1	Fm1
....auuggcacauaugauucca.........................	3	0	Fm1
....auuggcacauaugauuccag.......................	1	0	Fm1
....auuggcacauaugauuccagg......................	4	0	Fm1
....auuggcacauaugauuAcaggg....................	2	1	Fm1
....auuggcacauaugauuccaggC....................	2	1	Fm1
....auuggcacauaugauuccaggg....................	82	0	Fm1
....auuggcacaCaugauuccaggg....................	1	1	Fm1
....auuggcacauaugauucGaggg....................	1	1	Fm1
....auuggcacauaugauuccaggUc...................	5	1	Fm1
....auuggcacauCugauuccagggc...................	16	1	Fm1
....auuggcacUuaugauuccagggc...................	9	1	Fm1
....auuggcacauaugauuccaAggc...................	2	1	Fm1
....auuggcacauaUuauuccagggc...................	1	1	Fm1
....auuggcacauUugauuccagggc...................	14	1	Fm1
....auuggcacauaCgauuccagggc...................	6	1	Fm1
....auuggcacauagaGuccagggc....................	1	1	Fm1
....auuggcacauaugauuccagggG...................	5	1	Fm1
....auuggcacauaugauuccaggCc...................	5	1	Fm1
....auuggcacauaugauAccagggc...................	2	1	Fm1
....auuggcacauaugGuuccagggc...................	4	1	Fm1
....auuggUacauaugauuccagggc...................	7	1	Fm1
....auuggcaGauaugauuccagggc...................	2	1	Fm1
....auuggcacauaugUuuccagggc...................	2	1	Fm1
....auuggcNcauaugauuccagggc...................	2	1	Fm1
....auuggcacauaugauuUcagggc...................	60	1	Fm1
....auuggcacaCaugauuccagggc...................	29	1	Fm1
....auuggcacauaugauuGcagggc...................	31	1	Fm1
....auuggcacaGaugauuccagggc...................	1	1	Fm1
....auuggcacauaAgauuccagggc...................	1	1	Fm1
....auNggcacauaugauuccagggc...................	1	1	Fm1
....auuggcacauaugauuAcagggc...................	102	1	Fm1
....auuCgcacauaugauuccagggc...................	1	1	Fm1
....auuggcacauaGgauuccagggc...................	1	1	Fm1
....auuggcacGuaugauuccagggc...................	1	1	Fm1
....auuggcacauaugauuccaUggc...................	3	1	Fm1
....auuggcacauaugCuuccagggc...................	1	1	Fm1
....auuggcaUauaugauuccagggc...................	5	1	Fm1
....auuggcacauaugauuccGgggc...................	6	1	Fm1
....auGggcacauaugauuccagggc...................	3	1	Fm1
....auuggcGcauaugauuccagggc...................	20	1	Fm1

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uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaauuggcacauaugauuccagggcuuuugaaugaggacaucacc

..............................................................auuggcacauaugauuccCgggc..................    1        1      Fm1
..............................................................auCggcacauaugauuccagggc..................    1        1      Fm1
..............................................................auuggcacauaugauuccagAgc..................    1        1      Fm1
..............................................................Guuggcacauaugauuccagggc..................    1        1      Fm1
..............................................................auuggcacauaugaAuccagggc..................    2        1      Fm1
..............................................................auuggcacCuaugauuccagggc..................    3        1      Fm1
..............................................................auuggcacauaugauucUagggc..................    108      1      Fm1
..............................................................auuggcacauaugauuccagUgc..................    1        1      Fm1
..............................................................aAuggcacauaugauuccagggc..................    3        1      Fm1
..............................................................auuggcacauGugauuccagggc..................    52       1      Fm1
..............................................................auuggcaAauaugauuccagggc..................    1        1      Fm1
..............................................................auuAgcacauaugauuccagggc..................    2        1      Fm1
..............................................................auuggcacauaugauuccagggc..................    20470    0      Fm1
..............................................................auuggAacauaugauuccagggc..................    2        1      Fm1
..............................................................Nuuggcacauaugauuccagggc..................    8        1      Fm1
..............................................................auuggcacauaugauuccagggA..................    7        1      Fm1
..............................................................auuggcacauaugauuccUgggc..................    4        1      Fm1
..............................................................auuggcacauaugauucAagggc..................    199      1      Fm1
..............................................................auuUgcacauaugauuccagggc..................    1        1      Fm1
..............................................................aCuggcacauaugauuccagggc..................    4        1      Fm1
..............................................................auuggNacauaugauuccagggc..................    4        1      Fm1
..............................................................auuggcacauaugauCccagggc..................    2        1      Fm1
..............................................................auuggcacauaugauuccagggU..................    36       1      Fm1
..............................................................auuggcUcauaugauuccagggc..................    2        1      Fm1
..............................................................aGuggcacauaugauuccagggc..................    3        1      Fm1
..............................................................auAggcacauaugauuccagggc..................    6        1      Fm1
..............................................................Uuuggcacauaugauuccagggc..................    14       1      Fm1
..............................................................auuggcacauaugauucGagggc..................    100      1      Fm1
..............................................................auuggcacauaugauuccaggAc..................    1        1      Fm1
..............................................................auugAcacauaugauuccagggc..................    5        1      Fm1
..............................................................auuggcacauagaCuccagggc..................    4        1      Fm1
..............................................................auuggcacauaugauuccagCgc..................    1        1      Fm1
..............................................................auuggcacauauAauuccagggc..................    3        1      Fm1
..............................................................auuggcacauaugauuccagggcG.................    3        1      Fm1
..............................................................auuggcacauaugauuccagggcA.................    18       1      Fm1
..............................................................auuggcacauaugauucUagggcu.................    3        1      Fm1
..............................................................auuggcacauaugauuccagggcu.................    309      0      Fm1
..............................................................auuggcacauaugauucAagggcu.................    4        1      Fm1
..............................................................auuggcacauaugauuAcagggcu.................    4        1      Fm1
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..............................................................Nuuggcacauaugauuccagggcu.................    1        1      Fm1
..............................................................Uuuggcacauaugauuccagggcuu................    1        1      Fm1
..............................................................auuggcacauaugauuccagggcuu................    32       0      Fm1
..............................................................auuggcacauaugauuccagggcAu................    4        1      Fm1
..............................................................auuggcacauaugauuccagggcuG................    1        1      Fm1
..............................................................auuggcacauaugauuccagggcuA................    11       1      Fm1
..............................................................auuggcacauagaCuccagggcuuu................    1        1      Fm1
..............................................................auuggcacauaugauuccagggcuuu...............    3        0      Fm1
...............................................................uuggcacauaugauuccCgggc..................    1        1      Fm1
...............................................................uuggcacauaCgauuccagggc..................    1        1      Fm1
...............................................................uuggcacauaugauuccagggc..................    51       0      Fm1
...............................................................uuggcacauagaAuccagggc..................    1        1      Fm1
...............................................................uuggcacauaugauuccagggcu.................    1        0      Fm1
...................................................................Ucacauaugauuccagggc..................    1        1      Fm1
...................................................................gcacauaugauuccagggc..................    18       0      Fm1
....................................................................cacauaugauCccagggc..................    2        1      Fm1
....................................................................cacauaugCuuccagggc..................    1        1      Fm1
....................................................................cacauaugauAccagggc..................    2        1      Fm1
....................................................................cacauaugauuccagggc..................    249      0      Fm1
....................................................................cacauaugauuccaggUc..................    1        1      Fm1
....................................................................cacauGugauuccagggc..................    3        1      Fm1
....................................................................cacauaugauuccagggG..................    3        1      Fm1
....................................................................cacauaugauuccagggA..................    4        1      Fm1
...................................................................Uacauaugauuccagggc..................    1        1      Fm1
....................................................................cacauaugauuccagggcu.................    13       0      Fm1
....................................................................cacauaugauuccagggcA.................    5        1      Fm1
....................................................................cacauaugauuccagggcuu................    4        0      Fm1
....................................................................cacauaugauuccagggcuuu...............    1        0      Fm1
uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaa...acauaugauuccagggcu...............    1        0      Fm1
.......................................................................cauaugauuccagggcuu................    22       0      Fm1
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uacaugacagugcaacaugaagucauuuccagaguccugcaauuuaugugccaguuguuguaugaugucaauuggcacauaugauuccagggcuuuugaaugaggacaucacc

```
.......................................................................cauaugauuccaggUcuu..................     1     1     Fm1
.......................................................................cauaugauuccagggcuuu..................    12     0     Fm1
......................................................................auaugauuccagggcuuuu.................      3     0     Fm1
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