**Mature**          **Star**

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**Mature**        **Star**

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Mature      Star

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| ....................uacccuguagaaccgagcCag................................................................... | 2 | 1 | Mm3 |
| ....................uacccuguagaUccgagcgag................................................................... | 11 | 1 | Mm3 |
| ....................uacccuguagaaccgaUcgag................................................................... | 2 | 1 | Mm3 |
| ....................uacccuguagaaccgagcgag................................................................... | 714 | 0 | Mm3 |
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| ....................uacccuguagaaccCagcgag................................................................... | 1 | 1 | Mm3 |
| ....................uacccuguagaaccgaAcgag................................................................... | 4 | 1 | Mm3 |
| ....................uacccuguCgaaccgagcgag................................................................... | 1 | 1 | Mm3 |
| ....................uacccuguagaaccgagcgaA................................................................... | 1 | 1 | Mm3 |
| ....................uacccuguagaaccgagUgag................................................................... | 6 | 1 | Mm3 |
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| ....................uacccuguagaacAgagcgag................................................................... | 1 | 1 | Mm3 |
| ....................uacccuguagCaccgagcgag................................................................... | 2 | 1 | Mm3 |
| ....................uacccuguagaaccgagcgaU................................................................... | 17 | 1 | Mm3 |
| ....................uacccuguagaaccgaCcgagu.................................................................. | 26 | 1 | Mm3 |
| ....................uacccuguagaaccgagcgGgu.................................................................. | 2 | 1 | Mm3 |
| ....................uacccuguagaaccgUgcgagu.................................................................. | 1 | 1 | Mm3 |
| ....................uacccuguagaaccgagcgaAu.................................................................. | 2 | 1 | Mm3 |
| ....................uacccuguUgaaccgagcgagu.................................................................. | 3 | 1 | Mm3 |
| ....................uacccuguagaacGgagcgagG.................................................................. | 2 | 1 | Mm3 |
| ....................uacccAguagaaccgagcgagu.................................................................. | 2 | 1 | Mm3 |
| ....................uacccuguagaaAcgagcgagu.................................................................. | 2 | 1 | Mm3 |
| ....................uacccuguagaaccgagAgagu.................................................................. | 107 | 1 | Mm3 |
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| ....................Cacccuguagaaccgagcgagu.................................................................. | 5 | 1 | Mm3 |
| ....................uacccuguagCaccgagcgagu.................................................................. | 11 | 1 | Mm3 |
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| ....................uacccNguagaaccgagcgagu.................................................................. | 3 | 1 | Mm3 |
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| ....................uacccuCuagaaccgagcgagu.................................................................. | 2 | 1 | Mm3 |
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| ....................uacccuguagaaccgagcgaUu.................................................................. | 7 | 1 | Mm3 |
| ....................uacccuguagGaccgagcgagu.................................................................. | 22 | 1 | Mm3 |
| ....................uaccAuguagaaccgagcgagu.................................................................. | 1 | 1 | Mm3 |
| ....................uacccuguagaaccgagcgagC.................................................................. | 16 | 1 | Mm3 |
| ....................uacUcuguagaaccgagcgagu.................................................................. | 3 | 1 | Mm3 |
| ....................uacccuguagaaccCagcgagu.................................................................. | 1 | 1 | Mm3 |
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| ....................uacccuguagaaccgGgcgagu.................................................................. | 3 | 1 | Mm3 |
| ....................uacccuguagUaccgagcgagu.................................................................. | 18 | 1 | Mm3 |
| ....................Nacccuguagaaccgagcgagu.................................................................. | 9 | 1 | Mm3 |
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| ....................uacccuguagaaccAagcgagu.................................................................. | 6 | 1 | Mm3 |
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| ....................uacccuguagaaccgagGgagu.................................................................. | 45 | 1 | Mm3 |
| ....................uacccuNuagaaccgagcgagu.................................................................. | 1 | 1 | Mm3 |
| ....................uaccGuguagaaccgagcgagu.................................................................. | 3 | 1 | Mm3 |
| ....................uacccuguagaaccgagcgCgu.................................................................. | 13 | 1 | Mm3 |
| ....................uacccuguaUaaccgagcgagu.................................................................. | 5 | 1 | Mm3 |
| ....................uacGcuguagaaccgagcgagu.................................................................. | 2 | 1 | Mm3 |
| ....................uacccuguaCaaccgagcgagu.................................................................. | 1 | 1 | Mm3 |
| ....................uacccuguagaaccgagcgagG.................................................................. | 34 | 1 | Mm3 |
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| ....................uacccuguagaacAgagcgagu.................................................................. | 7 | 1 | Mm3 |
| ....................uaccuguagaaccgagcgUgu.................................................................. | 9 | 1 | Mm3 |
| ....................uacccuguagaaccgagcCgcgagu................................................................ | 7 | 1 | Mm3 |
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.................auacccuguagaacUgagcga...........................................................................   47    1    Fm3
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| ...................Cuacccuguagaaccgagcga........................................................................ | 4 | 1 | Fm3 |
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| ....................auacccuguagaaccgagcUa........................................................................ | 13 | 1 | Fm3 |
| ....................auacccuAuagaaccgagcga........................................................................ | 14 | 1 | Fm3 |
| ....................auacccuguagaUccgagcga........................................................................ | 5 | 1 | Fm3 |
| ....................auaccNuguagaaccgagcga........................................................................ | 9 | 1 | Fm3 |
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| ...................auaccuguagaGccgagcgagug......................................................... | 1 | 1 | Fm3 |
| ...................auaccAuguagaaccgagcgagugauacauagaccaccacucguuucucagggguacau......................... | 7 | 1 | Fm3 |
| ...................auacUcuguagaaccgagcgagug........................................................ | 3 | 1 | Fm3 |

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**Mature**    **Star**

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**Mature**　　　　　　**Star**

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....................auacccuguagaaccgagcgagugC................................................................     86      1      Mm2
....................auacccuguagaaccgaAcgaguga................................................................      1      1      Mm2
....................auacccuguagaaccgagcgaguCa................................................................      2      1      Mm2
....................auacccuguagaaccgagcgagugG................................................................   1390      1      Mm2
....................auacccuguagaaccgagcgagugaA...............................................................      4      1      Mm2
....................auacccuguagaaccgagcgagugUu...............................................................   1593      1      Mm2
....................auacccuguagaaccgagcgagugGu...............................................................      1      1      Mm2
....................auacccuguagaaccgagcgaguUau..............................................................      4      1      Mm2
....................auacccuguagaaccgagcgaguAau..............................................................      6      1      Mm2
....................auacccuguagaaccgagcgagugCu..............................................................      5      1      Mm2
....................auacccuguagaaccgagcgagugau..............................................................     10      0      Mm2
....................auacccuguagaaccgagcgagugauU.............................................................      1      1      Mm2
....................auacccuguagaaccgagcgagugUua.............................................................      7      1      Mm2
....................auacccuguagaaccgagcgagugCua.............................................................      1      1      Mm2
....................auacccuguagaaccgagcgagugaAa.............................................................      3      1      Mm2
....................auacccuguagaaccgagcgagugCuaca...........................................................      2      1      Mm2
...................uacccuguagaaccCagc.......................................................................      1      1      Mm2
...................uacGcuguagaaccgagc.......................................................................      1      1      Mm2
...................uacccuguaUaaccgagc.......................................................................      1      1      Mm2
...................uacccuguagaaccgagU.......................................................................     15      1      Mm2
...................uacccuguagaaccgagA.......................................................................     28      1      Mm2
...................uacccuguagaaccgagc.......................................................................   1275      0      Mm2
...................uacUcuguagaaccgagc.......................................................................      1      1      Mm2
...................uacccugCagaaccgagc.......................................................................      1      1      Mm2
...................uacccuguagaaccgaUc.......................................................................      1      1      Mm2
...................uacccuguagaaccgaCc.......................................................................      4      1      Mm2
...................uacccuNuagaaccgagc.......................................................................      1      1      Mm2
...................uacccuguagaaGcgagc.......................................................................      1      1      Mm2
...................uaUccuguagaaccgagc.......................................................................      1      1      Mm2
...................uUcccuguagaaccgagc.......................................................................      1      1      Mm2
...................uacccuguagaaccgagG.......................................................................      6      1      Mm2
...................uacccuguagaUccgagc.......................................................................      1      1      Mm2
...................uacccuguagaaccgUgc.......................................................................      2      1      Mm2
...................Cacccuguagaaccgagc.......................................................................      1      1      Mm2
...................uaGccuguagaaccgagc.......................................................................      1      1      Mm2
...................uacccuguagaacUgagc.......................................................................      1      1      Mm2
...................uacccuguUgaaccgagc.......................................................................      1      1      Mm2
...................uacccuguagaaccgagcC......................................................................      5      1      Mm2
cguagaucgauagacugccuacccuguagaaccgagcg....................gauacauagaccaccacucguuucucaggguacauguaagcguugaauucaacacuucaacuagaug      29      0      Mm2
...................uacccuguagaaccgagcA......................................................................     25      1      Mm2
```

**Mature**  **Star**

cguagaucgauagacugccuauacccuguagaaccgagcgagugauacauagaccaccacucguuucucagggguacauguaagcuguugaauucaacacuucaacuagaug

| Sequence | Count | Star | Organism |
|---|---|---|---|
| ....................uacccuguagCaccgagcga.................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaUccgagcga.................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccCagcga.................................................... | 2 | 1 | Mm2 |
| ....................uacccuguagaaccgagcAa.................................................... | 3 | 1 | Mm2 |
| ....................uacccuguagaaccgagAga.................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagUaccgagcga.................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgaAcga.................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcga.................................................... | 224 | 0 | Mm2 |
| ....................uacccuguagaaccAagcga.................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcCa.................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgG.................................................... | 2 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgaU................................................... | 10 | 1 | Mm2 |
| ....................uacccuguagaaccAagcgag.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgaUcgag.................................................. | 2 | 1 | Mm2 |
| ....................uacccuguagGaccgagcgag.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgaCcgag.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaacAgagcgag.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguUgaaccgagcgag.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagGgag.................................................. | 2 | 1 | Mm2 |
| ....................uacccuAuagaaccgagcgag.................................................. | 2 | 1 | Mm2 |
| ....................uacccuguagaacUgagcgag.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcAag.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaUccgagcgag.................................................. | 3 | 1 | Mm2 |
| ....................uacAcuguagaaccgagcgag.................................................. | 2 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgaA.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcCag.................................................. | 5 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgag.................................................. | 382 | 0 | Mm2 |
| ....................uacccuguagaaccgagcgGg.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguCgaaccgagcgag.................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagAgag.................................................. | 6 | 1 | Mm2 |
| ....................uacccuguagaacGgagcgagu................................................. | 3 | 1 | Mm2 |
| ....................uacccugCagaaccgagcgagu................................................. | 2 | 1 | Mm2 |
| ....................uacccuguagaacUgagcgagu................................................. | 4 | 1 | Mm2 |
| ....................uacccuguagaacAgagcgagu................................................. | 4 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgCgu................................................. | 18 | 1 | Mm2 |
| ....................uaGccuguagaaccgagcgagu................................................. | 2 | 1 | Mm2 |
| ....................uacccuguagaaccgagGgagu................................................. | 19 | 1 | Mm2 |
| ....................uacccuguagaaGcgagcgagu................................................. | 1 | 1 | Mm2 |
| ....................uaUccuguagaaccgagcgagu................................................. | 2 | 1 | Mm2 |
| ....................uacccuguagaCccgagcgagu................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagGaccgagcgagu................................................. | 13 | 1 | Mm2 |
| ....................uaccGuguagaaccgagcgagu................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagG................................................. | 37 | 1 | Mm2 |
| ....................uacccuUuagaaccgagcgagu................................................. | 3 | 1 | Mm2 |
| ....................uacccuguagaaccgagAgagu................................................. | 71 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagA................................................. | 64 | 1 | Mm2 |
| ....................uGcccuguagaaccgagcgagu................................................. | 4 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgaAu................................................ | 7 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagC................................................. | 10 | 1 | Mm2 |
| ....................uacccuguagaGccgagcgagu................................................. | 1 | 1 | Mm2 |
| ....................uaccAuguagaaccgagcgagu................................................. | 2 | 1 | Mm2 |
| ....................uacccuCuagaaccgagcgagu................................................. | 4 | 1 | Mm2 |
| ....................uaccUuguagaaccgagcgagu................................................. | 2 | 1 | Mm2 |
| ....................uacccAguagaaccgagcgagu................................................. | 4 | 1 | Mm2 |
| ....................uacccuguagaaccgCgagu.................................................. | 10 | 1 | Mm2 |
| ....................uacccuguCgaaccgagcgagu................................................. | 4 | 1 | Mm2 |
| ....................uacccuguagCaccgagcgagu................................................. | 12 | 1 | Mm2 |
| ....................Caccccuguagaaccgagcgagu................................................ | 2 | 1 | Mm2 |
| ....................uacccuguagUaccgagcgagu................................................. | 18 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgaUu................................................ | 8 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgUgu................................................. | 11 | 1 | Mm2 |
| ....................uacccuguUgaaccgagcgagu................................................. | 1 | 1 | Mm2 |
| ....................uacccCguagaaccgagcgagu................................................. | 2 | 1 | Mm2 |
| ....................Naccccuguagaaccgagcgagu................................................ | 6 | 1 | Mm2 |
| ....................uacccuguaUaaccgagcgagu................................................. | 4 | 1 | Mm2 |
| ....................uacccuAuagaaccgagcgagu................................................. | 2 | 1 | Mm2 |
| ....................uacccuguagaUccgagcgagu................................................. | 13 | 1 | Mm2 |
| ....................Aacccuguagaaccgagcgagu................................................. | 5 | 1 | Mm2 |
| cguagaucgauagacugccuauacccuguGgaaccgagcgagugauacauagaccaccacucguuucucagggguacauguaagcuguugaauucaacacuucaacuagaug | 3 | 1 | Mm2 |
| ....................uacccuguaAaaccgagcgagu................................................. | 2 | 1 | Mm2 |

cguagaucgauagacugccuauacccuguagaaccgagcgagugauacauagaccaccacucguuucucagggguacauguaagcguugaauucaacacuucaacuagaug

| Sequence | Count | A | B |
|---|---|---|---|
| ....................uacccuguagaaccgagcAagu.................................................................... | 48 | 1 | Mm2 |
| ....................uacccuguagaaccUagcgagu.................................................................... | 1 | 1 | Mm2 |
| ....................uacAcuguagaaccgagcgagu.................................................................... | 9 | 1 | Mm2 |
| ....................uacccuguagaaccAagcgagu.................................................................... | 6 | 1 | Mm2 |
| ....................uacccuguagaaccgaAcgagu.................................................................... | 7 | 1 | Mm2 |
| ....................uacccugAagaaccgagcgagu.................................................................... | 4 | 1 | Mm2 |
| ....................uUccuguagaaccgagcgagu.................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgUgcgagu.................................................................... | 1 | 1 | Mm2 |
| ....................uacGcuguagaaccgagcgagu.................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcCagu.................................................................... | 139 | 1 | Mm2 |
| ....................uaNccuguagaaccgagcgagu.................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgGgcgagu.................................................................... | 5 | 1 | Mm2 |
| ....................uacUcuguagaaccgagcgagu.................................................................... | 2 | 1 | Mm2 |
| ....................uacccuguagaaccgagUgagu.................................................................... | 26 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagu.................................................................... | 8938 | 0 | Mm2 |
| ....................uacccuguagaaccgaUcgagu.................................................................... | 10 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgGgu.................................................................... | 6 | 1 | Mm2 |
| ....................uacccuguagaaccgaCcgagu.................................................................... | 16 | 1 | Mm2 |
| ....................uacccGguagaaccgagcgagu.................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccCagcgagu.................................................................... | 2 | 1 | Mm2 |
| ....................uaAccuguagaaccgagcgagu.................................................................... | 4 | 1 | Mm2 |
| ....................uacccuguagaaAcgagcgagu.................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgaCu.................................................................... | 5 | 1 | Mm2 |
| ....................uacccuguagaaccgagcAagug................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgaguC................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcCagug................................................................... | 2 | 1 | Mm2 |
| ....................uacAcuguagaaccgagcgagug................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguaUaaccgagcgagug................................................................... | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgaguA................................................................... | 7 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgaguU................................................................... | 362 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagug................................................................... | 76 | 0 | Mm2 |
| ....................uacccuguagaaccgagcgaguAa.................................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccUagcgaguga.................................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagugC.................................................................. | 1 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagugG.................................................................. | 6 | 1 | Mm2 |
| ....................uacccuguagaaccgagcUagguga.................................................................. | 2072 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagugU.................................................................. | 46 | 1 | Mm2 |
| ....................uacccuguagaaccgagcUagugau.................................................................. | 36 | 1 | Mm2 |
| ....................uacccuguagaaccgagcgagugUu................................................................. | 3 | 1 | Mm2 |
| ......................acccuguagaaccgagcg...................................................................... | 3 | 0 | Mm2 |
| ......................acccuguagaaccgagcga..................................................................... | 1 | 0 | Mm2 |
| ......................acccuguagaaccgagcCa..................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagaaccgagcCag.................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagaaccgagcgag.................................................................... | 8 | 0 | Mm2 |
| ......................acccuguagaaccgagcAag.................................................................... | 2 | 1 | Mm2 |
| ......................acccuguagaaccgagcgUgu................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagCaccgagcgagu................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagaaccgagcgagC................................................................... | 1 | 1 | Mm2 |
| ......................aUccuguagaaccgagcgagu................................................................... | 3 | 1 | Mm2 |
| ......................acccuguagaaccgagcCagu................................................................... | 41 | 1 | Mm2 |
| ......................acccuguagaaccgagcAagu................................................................... | 24 | 1 | Mm2 |
| ......................acccuguagaaccgCgcgagu................................................................... | 2 | 1 | Mm2 |
| ......................acccuguagaaccgagcgagu................................................................... | 55 | 0 | Mm2 |
| ......................Ucccuguagaaccgagcgagu................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagaaccgagcgagA................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagaCccgagcgagu................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagaaccgagcgagG................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagaacAgagcgagu................................................................... | 1 | 1 | Mm2 |
| ......................acccuguagaaccgagcAagug.................................................................. | 2 | 1 | Mm2 |
| ......................acccuguagaaccgagcgagug.................................................................. | 3 | 0 | Mm2 |
| ......................acccuguagaaccgagcCagug.................................................................. | 2 | 1 | Mm2 |
| ......................acccuguagaaccgagcgagugU................................................................. | 8 | 1 | Mm2 |
| ......................acccuguagaaccgagcUagguga................................................................ | 32 | 1 | Mm2 |
| ......................acccuguagaaccgagcUagugau................................................................ | 1 | 1 | Mm2 |
| ........................cccuguagaaccgagcga..................................................................... | 1 | 0 | Mm2 |
| ........................cccuguagaaccgagcgag.................................................................... | 1 | 0 | Mm2 |
| ........................cccuguagaaccgagcgagu................................................................... | 25 | 0 | Mm2 |
| ........................cccuguagaaccgagcgGgu................................................................... | 1 | 1 | Mm2 |
| ........................cccuguagaaccgagcgaguU................................................................ | 2 | 1 | Mm2 |
| .........................ccuguagaaccgagcgagu.................................................................. | 4 | 0 | Mm2 |

**Mature**  **Star**

cguagaucgauagacugccuauacccuguagaaccgagcgagugauacauagaccaccacucguuucucaggguacauguaagcguugaauucaacacuucaacuagaug

```
.......................cuguagaaccgagcgagu.........................................................          5      0      Mm2
......................uguagaaccgagcgagugU.........................................................          1      1      Mm2
.............................................ccacucguuucucaggguac................................          1      0      Mm2
.............................................ccacucguuucucaggguacU...............................          1      1      Mm2
.............................................ccacucguuucucaggguaca...............................         11      0      Mm2
.............................................ccacucguuucucaggguacau..............................         45      0      Mm2
.............................................ccacucguuucucagggCacau..............................          1      1      Mm2
.............................................ccacucguuuGucaggguacau..............................          1      1      Mm2
.............................................ccacucguuucucaggguacauU.............................          3      1      Mm2


................uauacccuguagaaccgagc.............................................................          3      0      Mm1
................uauacccuguagaaccgagcga...........................................................         11      0      Mm1
................Cauacccuguagaaccgagcga...........................................................          5      1      Mm1
................uauacccuguagaaccgagcgag..........................................................          2      0      Mm1
................Cauacccuguagaaccgagcgag..........................................................         19      1      Mm1
................uGuacccuguagaaccgagcgag..........................................................          1      1      Mm1
................uauacccuguagaaccgagcUagu.........................................................         17      1      Mm1
................uauacccuguagaaccgUgcgagu.........................................................          1      1      Mm1
................uauacccuguagaaccgagcgagu.........................................................         53      0      Mm1
................Cauacccuguagaaccgagcgagu.........................................................        108      1      Mm1
................uauacUcuguagaaccgagcgagu.........................................................          1      1      Mm1
................uGuacccuguagaaccgagcgagu.........................................................          2      1      Mm1
.................auacccuguagaaccgag.............................................................         26      0      Mm1
.................aAacccuguagaaccgag.............................................................          1      1      Mm1
.................auacccuguagaaccgaC.............................................................          1      1      Mm1
.................auacccuguagaaccgagU............................................................          8      1      Mm1
.................auacccuguagaaccgaUc............................................................          4      1      Mm1
.................auacccuguagaaccgagA............................................................         27      1      Mm1
.................auUccuguagaaccgagc............................................................          1      1      Mm1
.................auacccuguaCaaccgagc...........................................................          3      1      Mm1
.................auacccuguagaaccgCgc...........................................................          1      1      Mm1
.................auacccuguagaaccgaAc...........................................................          5      1      Mm1
.................auacccuguagaaccgUgc...........................................................          1      1      Mm1
.................auacccuguagaaccgGgc...........................................................          1      1      Mm1
.................aAacccuguagaaccgagc...........................................................          1      1      Mm1
.................auacccuguagaaccgaCc...........................................................          7      1      Mm1
.................auacccuguagaacUgagc...........................................................          2      1      Mm1
.................auacccuguagaaccgagc...........................................................       1220      0      Mm1
.................Uuacccuguagaaccgagc...........................................................          1      1      Mm1
.................auacccuguagaaccgaAcg..........................................................          3      1      Mm1
.................auacccuAuagaaccgagcg..........................................................          1      1      Mm1
.................auacccuguagaaccgUgcg..........................................................          2      1      Mm1
.................auacccuguagUaccgagcg..........................................................          1      1      Mm1
.................auacccuguagaaccgagUg..........................................................          2      1      Mm1
.................Nuacccuguagaaccgagcg.........................................................          1      1      Mm1
.................auacccuguaUaaccgagcg.........................................................          4      1      Mm1
.................auacccuguagaaccgaUcg.........................................................          1      1      Mm1
.................auacccuguagaaccgGgcg.........................................................          3      1      Mm1
.................auacccuguagaaccgagcA.........................................................         11      1      Mm1
.................auacccuguagaaccgagcU.........................................................         83      1      Mm1
.................auacccuguagaaccgaCcg.........................................................          4      1      Mm1
.................auacccuguagaaccgagcg.........................................................        795      0      Mm1
.................aAacccuguagaaccgagcg.........................................................          1      1      Mm1
.................auacAcuguagaaccgagcg.........................................................          1      1      Mm1
.................auaccAuguagaaccgagcga........................................................          5      1      Mm1
.................auaccuguagUaccgagcga.........................................................          4      1      Mm1
.................aAacccuguagaaccgagcga........................................................          6      1      Mm1
.................auacccuguagaUccgagcga........................................................          1      1      Mm1
.................auacccuguagaaccgagUga........................................................          3      1      Mm1
.................auacccuCuagaaccgagcga........................................................          1      1      Mm1
.................auacccuguagaacAgagcga........................................................          1      1      Mm1
.................auacccuguagaaccgaUcga........................................................         74      1      Mm1
.................aGacccuguagaaccgagcga........................................................          1      1      Mm1
.................auacccuguCgaaccgagcga........................................................          1      1      Mm1
.................auacccuguagDaccgagcga........................................................          1      1      Mm1
.................auacccuguagaaccgCgcga........................................................         44      1      Mm1
.................Cuacccuguagaaccgagcga........................................................          3      1      Mm1
.................auaccuguagaaUcgagcga.........................................................          7      1      Mm1
.................auacccuguGgaaccgagcga.....gauacauagaccaccacucguuucucaggguacau..................          4      1      Mm1
.................auacccuguagaaccgagcUa........................................................          2      1      Mm1
```

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cguagaucgauagacugccuauacccuguagaaccgagcgagugauacauagaccaccacucguuucucaggguacauguaagcguugaauucaacacuucaacuagaug

...................auacccugGagaaccgagcga.............................................................    1       1    Mm1
...................auacccuguagaaccgUgcga.............................................................    33      1    Mm1
...................auacccuguagaacUgagcga.............................................................    14      1    Mm1
...................auacccuguagaaAcgagcga.............................................................    2       1    Mm1
...................auacccuguagaaccAagcga.............................................................    4       1    Mm1
...................auaccNuguagaaccgagcga.............................................................    3       1    Mm1
...................auacccuguagaaccgagcgU.............................................................    100     1    Mm1
...................auacccAguagaaccgagcga.............................................................    1       1    Mm1
...................auacccuguaCaaccgagcga.............................................................    12      1    Mm1
...................aCacccuguagaaccgagcga.............................................................    1       1    Mm1
...................auaAccuguagaaccgagcga.............................................................    4       1    Mm1
...................auaccUuguagaaccgagcga.............................................................    3       1    Mm1
...................auacccuguaUaaccgagcga.............................................................    10      1    Mm1
...................auacUcuguagaaccgagcga.............................................................    3       1    Mm1
...................auacccuguagaGccgagcga.............................................................    1       1    Mm1
...................auUcccuguagaaccgagcga.............................................................    1       1    Mm1
...................auacccuguagaaccgaAcga.............................................................    84      1    Mm1
...................auacccuguagaaccUagcga.............................................................    1       1    Mm1
...................auacccuguagaacGgagcga.............................................................    1       1    Mm1
...................auacccuguagCaccgagcga.............................................................    1       1    Mm1
...................auacccuguUgaaccgagcga.............................................................    1       1    Mm1
...................Guacccuguagaaccgagcga.............................................................    2       1    Mm1
...................auaUccuguagaaccgagcga.............................................................    3       1    Mm1
...................auacccCguagaaccgagcga.............................................................    2       1    Mm1
...................Nuacccuguagaaccgagcga.............................................................    6       1    Mm1
...................auacAcuguagaaccgagcga.............................................................    5       1    Mm1
...................auacccuguagaaccgagcAa.............................................................    9       1    Mm1
...................auacccuguagaaccgagcgG.............................................................    20      1    Mm1
...................auacccuguagaaGcgagcga.............................................................    2       1    Mm1
...................auaGccuguagaaccgagcga.............................................................    1       1    Mm1
...................Uuacccuguagaaccgagcga.............................................................    18      1    Mm1
...................auacccuguagaaccgaCcga.............................................................    89      1    Mm1
...................auacccuguagaaccgGgcga.............................................................    9       1    Mm1
...................auacccuguaAaaccgagcga.............................................................    19      1    Mm1
...................auacccuguagaaccgagcga.............................................................    15937   0    Mm1
...................auacccugCagaaccgagcga.............................................................    2       1    Mm1
...................aGacccuguagaaccgagcgag............................................................    4       1    Mm1
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...................auacccuguagaaccgagcAag............................................................    2       1    Mm1
...................auacccugGagaaccgagcgag............................................................    1       1    Mm1
...................auacccuguagaaAcgagcgag............................................................    4       1    Mm1
...................Uuacccuguagaaccgagcgag............................................................    29      1    Mm1
...................auaGccuguagaaccgagcgag............................................................    1       1    Mm1
...................auacccuAuagaaccgagcgaggauacauagaccaccacucguuucucaggguacau.......................    4       1    Mm1
...................Nuacccuguagaaccgagcgag............................................................    12      1    Mm1
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| Sequence | Count | Mism | Org |
|---|---|---|---|
| ...................Nuacccuguagaaccgagcgagu........................................................... | 249 | 1 | Mm1 |
| ...................auaccGuguagaaccgagcgagu........................................................... | 15 | 1 | Mm1 |
| ...................auacccuguagaaccgaCcgagu........................................................... | 2481 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgagu........................................................... | 533863 | 0 | Mm1 |
| ...................auacccuguagaacGgagcgagu........................................................... | 10 | 1 | Mm1 |
| ...................auacccuguagGaccgagcgagu........................................................... | 50 | 1 | Mm1 |
| ...................auacccuAuagaaccgagcgagu........................................................... | 42 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgaCu........................................................... | 8 | 1 | Mm1 |
| ...................auacccuguagaacAgagcgagu........................................................... | 17 | 1 | Mm1 |
| ...................aNacccuguagaaccgagcgagu........................................................... | 11 | 1 | Mm1 |
| ...................auacccuguagaGccgagcgagu........................................................... | 61 | 1 | Mm1 |
| ...................auacccuguagaaccgagcUagu........................................................... | 96 | 1 | Mm1 |
| ...................auacccuguaAaaccgagcgagu........................................................... | 801 | 1 | Mm1 |
| ...................auacccuguGgaaccgagcgagu........................................................... | 84 | 1 | Mm1 |
| ...................auacccuguagaaccgaUcgagu........................................................... | 2635 | 1 | Mm1 |
| ...................aGacccuguagaaccgagcgagu........................................................... | 52 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgagC........................................................... | 101 | 1 | Mm1 |
| ...................auacccuguagaaccgaAcgagu........................................................... | 2484 | 1 | Mm1 |
| ...................auacccuguagaaccgagcCagu........................................................... | 25 | 1 | Mm1 |
| ...................auNcccuguagaaccgagcgagu........................................................... | 4 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgaUu........................................................... | 201 | 1 | Mm1 |
| ...................auacccuguCgaaccgagcgagu........................................................... | 20 | 1 | Mm1 |
| ...................auacccuguagaaccgagGgagu........................................................... | 12 | 1 | Mm1 |
| ...................auacccuguagaaccUagcgagu........................................................... | 73 | 1 | Mm1 |
| ...................auacccuguagaaccAagcgagu........................................................... | 89 | 1 | Mm1 |
| ...................auacccuguagaaccgCgcgagu........................................................... | 1353 | 1 | Mm1 |
| ...................auacccuguagUaccgagcgagu........................................................... | 104 | 1 | Mm1 |
| ...................auaccNuguagaaccgagcgagu........................................................... | 70 | 1 | Mm1 |
| ...................auacAcuguagaaccgagcgagu........................................................... | 95 | 1 | Mm1 |
| ...................auaccAuguagaaccgagcgagu........................................................... | 58 | 1 | Mm1 |
| ...................auacccugGagaaccgagcgagu........................................................... | 11 | 1 | Mm1 |
| ...................auacccuguaCaaccgagcgagug.......................................................... | 3 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgaguC.......................................................... | 55 | 1 | Mm1 |
| ...................auacccuguagaaccgagcUagug.......................................................... | 3 | 1 | Mm1 |
| ...................auacccuguagaaccgUgcgagug.......................................................... | 13 | 1 | Mm1 |
| ...................auacccuguagaaccgagGgagug.......................................................... | 7 | 1 | Mm1 |
| ...................auacccuguagaaccgaAcgagug.......................................................... | 39 | 1 | Mm1 |
| ...................Uuacccuguagaaccgagcgagug.......................................................... | 6 | 1 | Mm1 |
| ...................auacccuguagaaccgagUgagug.......................................................... | 1 | 1 | Mm1 |
| ...................Guacccuguagaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auacccuguagaaccgaCcgagug.......................................................... | 28 | 1 | Mm1 |
| ...................auacccuguagaaAcgagcgagug.......................................................... | 2 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgagCg.......................................................... | 1 | 1 | Mm1 |
| ...................auacccugAagaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auacccuguagaGccgagcgagug.......................................................... | 2 | 1 | Mm1 |
| ...................auacccuguagaaccgagcAagug.......................................................... | 2 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgaguU.......................................................... | 26192 | 1 | Mm1 |
| ...................auacAcuguagaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
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| ...................auacccuguagaaccAagcgagug.......................................................... | 2 | 1 | Mm1 |
| ...................aAacccuguagaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auacccuguagaaUcgagcgagug.......................................................... | 2 | 1 | Mm1 |
| ...................auacccuguagaaccgCgcgagug.......................................................... | 14 | 1 | Mm1 |
| ...................auacccuAuagaaccgagcgagug.......................................................... | 2 | 1 | Mm1 |
| ...................auacccugCagaaccgagcgagug.......................................................... | 3 | 1 | Mm1 |
| ...................auacccuguagaaccCagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auacccuCuagaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auaccUuguagaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auacccGguagaaccgagcgagug.......................................................... | 2 | 1 | Mm1 |
| ...................auacccuguUgaaccgagcgagug.......................................................... | 2 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgagGg.......................................................... | 3 | 1 | Mm1 |
| ...................Nuacccuguagaaccgagcgagug.......................................................... | 5 | 1 | Mm1 |
| ...................auUcccuguagaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auacccuguCgaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgagug.......................................................... | 6841 | 0 | Mm1 |
| ...................auaAccuguagaaccgagcgagug.......................................................... | 1 | 1 | Mm1 |
| ...................auaccuguagaaccgaUcgagug.......................................................... | 33 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgUgug<span style="color:orange">gauacauagacca</span><span style="color:purple">ccacucguuucucagggguacau</span>guaagcguugaauucaacacuucaacuagaug | 1 | 1 | Mm1 |
| ...................auacccuguagaaccgagcgagAg.......................................................... | 2 | 1 | Mm1 |

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..................auacGcguagaaccgagcgagug.........................................................   2     1    Mm1
..................auacUcguagaaccgagcgagug.........................................................   1     1    Mm1
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..................auacccguagagaaccgagcgaguA.......................................................  476    1    Mm1
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..................Nacccguagaaccgagcgagu..........................................................   1     1    Mm1
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..................uacccguagUaccgagcgagu..........................................................   1     1    Mm1
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**Mature**　　**Star**

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....................auacccuguagaaccgagA................................................................  35     1   Fm1
....................auacccuguagaaUcgagc................................................................  6      1   Fm1
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....................auacccuguagaaccgaCcgagug...........................................................   111    1    Fm1
....................auacccuguagaaccgagUgagug...........................................................   4      1    Fm1
....................auacccuguagaaccUagcgagug...........................................................   2      1    Fm1
....................auacccugCagaaccgagcgagug...........................................................   2      1    Fm1
....................auacccNguagaaccgagcgagug...........................................................   2      1    Fm1
....................auacccuguagaaccgagcgagugC.........................................................   113    1    Fm1
....................auacccuguagaaccgagcgagugUa........................................................   93     1    Fm1
....................auacccuguagaaccgagcgagugAa........................................................   36     1    Fm1
....................auacccuguagaaccgaCcgaguga.........................................................   2      1    Fm1
....................auacccuguagaaccgCgcgaguga.........................................................   1      1    Fm1
....................auacccuguagaaccgUgcgaguga.........................................................   2      1    Fm1
....................auacccuguagaaccgaUcgaguga.........................................................   2      1    Fm1
....................auacccuguagaaccgagcgagugG........................................................   1967   1    Fm1
....................auacccuguagaaccgagcgaguga........................................................   254    0    Fm1
....................auacccuguagaaccAagcgaguga........................................................   1      1    Fm1
....................auacccuguagaaccgagcgagugU........................................................   14305  1    Fm1
....................auacccuguagaaccgagcgaguCa........................................................   2      1    Fm1
....................auacccuguagaaccgagcgagugUu.......................................................   3674   1    Fm1
....................auacccuguagaaccgagcgagugaA.......................................................   13     1    Fm1
....................auacccuguagaaccgagcgaguUau.......................................................   2      1    Fm1
....................auacccuguagaaccgagcgagugGu.......................................................   5      1    Fm1
....................auacccuguagaaccgagcgagugau.......................................................   33     0    Fm1
....................auacccuguagaaccgagcgagugCu.......................................................   17     1    Fm1
....................auacccuguagaaccgagcgaguAau.......................................................   24     1    Fm1
....................auacccuguagaaccgagcgagugauU......................................................   7      1    Fm1
....................auacccuguagaaccgagcgagugaua......................................................   2      0    Fm1
......................uacccuguGgaaccgagc...............................................................   2      1    Fm1
......................uacccuguagaaccgagA...............................................................   41     1    Fm1
......................uacccuNuagaaccgagc...............................................................   1      1    Fm1
......................uNcccuguagaaccgagc...............................................................   1      1    Fm1
......................uacccuguagUaccgagc...............................................................   3      1    Fm1
......................Cacccuguagaaccgagc...............................................................   1      1    Fm1
......................uacccuguagaaccgaUc...............................................................   5      1    Fm1
......................uGcccuguagaaccgagc...............................................................   4      1    Fm1
......................Nacccuguagaaccgagc...............................................................   1      1    Fm1
......................uacccuguagaaccgaAc...............................................................   5      1    Fm1
......................uacccuguagaacUgagc...............................................................   2      1    Fm1
......................uacccuguagaaccgagc...............................................................   2644   0    Fm1
......................uacccuguaUaaccgagc...............................................................   1      1    Fm1
......................uacccuguagaaccgagU...............................................................   34     1    Fm1
......................uacccuguagGaccgagc...............................................................   3      1    Fm1
......................uUcccuguagaaccgagc...............................................................   1      1    Fm1
......................uacccugAagaaccgagc...............................................................   1      1    Fm1
......................uacccugGagaaccgagc...............................................................   1      1    Fm1
......................uacccuguagaacAgagc...............................................................   1      1    Fm1
......................uacccuAuagaaccgagc...............................................................   1      1    Fm1
......................Aacccuguagaaccgagc...............................................................   1      1    Fm1
......................uacccuguagaaccgagG...............................................................   16     1    Fm1
......................uacccuguagaaccgaCc...............................................................   5      1    Fm1
......................uacccugCagaaccgagc...............................................................   1      1    Fm1
......................uacccuguagaaccgagAg..............................................................   1      1    Fm1
......................uacccuguagaaccgagcA..............................................................   42     1    Fm1
......................uacccuguagaaccgagcg..............................................................   100    0    Fm1
......................uacccuguagaaccgagcC..............................................................   2      1    Fm1
......................uacccuguaUaaccgagcga.............................................................   1      1    Fm1
......................uacccuguagaaccgagGga.............................................................   1      1    Fm1
......................uacccuguagaaccgagcgG.............................................................   2      1    Fm1
......................uacccuguagaaccgagcAa.............................................................   11     1    Fm1
......................uacccuguCgaaccgagcga.............................................................   1      1    Fm1
......................uacccuguagaaccgagcga.............................................................   213    0    Fm1
......................uacccuUuagaaccgagcga.............................................................   1      1    Fm1
......................uacccuguagaaccgUgcga.............................................................   1      1    Fm1
......................uacccuguagCaccgagcga.............................................................   1      1    Fm1
......................uacccuguagaaccgaAcga.............................................................   2      1    Fm1
......................uacccuguagaaccgagUga.............................................................   2      1    Fm1
....................uacccuguaAaaccgagcga gauacauagaccaccacucguuucucaggguacau......................   1      1    Fm1
......................uacccuguagaaccgagcgU.............................................................   2      1    Fm1
```

**Mature**          **Star**

cguagaucgauagacugccuauacccuguagaaccgagcgagugauacauagaccaccacucguuucucaggguacauguaagcguugaauucaacacuucaacuagaug

| Sequence | Count | Flag | Name |
|---|---|---|---|
| ....................uacccuAuagaaccgagcga.................................................................... | 1 | 1 | Fm1 |
| ....................uacccuguagaaccgagcAag................................................................... | 2 | 1 | Fm1 |
| ....................uacccuguagaaccgagcCag................................................................... | 3 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgCg................................................................... | 1 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgGg................................................................... | 3 | 1 | Fm1 |
| ....................uacccuguagaaccgagGgag................................................................... | 1 | 1 | Fm1 |
| ....................Nacccuguagaaccgagcgag.................................................................. | 1 | 1 | Fm1 |
| ....................uacccuguagaaCGgagcgag.................................................................. | 1 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgaA................................................................. | 1 | 1 | Fm1 |
| ....................uacccuguagaaccgagAgag.................................................................. | 3 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgaU.................................................................. | 7 | 1 | Fm1 |
| ....................uaccGguagaaccgagcgag................................................................... | 1 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgag.................................................................. | 380 | 0 | Fm1 |
| ....................uacccuguagGaccgagcgag.................................................................. | 2 | 1 | Fm1 |
| ....................uacccuguagaacUgagcgag.................................................................. | 1 | 1 | Fm1 |
| ....................uacccuguagaaccgCgcgag.................................................................. | 1 | 1 | Fm1 |
| ....................uacccCguagaaccgagcgagu................................................................. | 1 | 1 | Fm1 |
| ....................uacAcuguagaaccgagcgagu................................................................. | 9 | 1 | Fm1 |
| ....................uacccuguaAaaccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacccuguagCaccgagcgagu................................................................. | 12 | 1 | Fm1 |
| ....................uacccuguagaaccgagUgagu................................................................. | 19 | 1 | Fm1 |
| ....................uacccuguagaUccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uaAccuguagaaccgagcgagu................................................................. | 4 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgagA................................................................. | 54 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgagu................................................................. | 6847 | 0 | Fm1 |
| ....................uacccuguagaaccgagcgaAu................................................................. | 11 | 1 | Fm1 |
| ....................uacccuguagaaccgagAgagu................................................................. | 33 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgCgu................................................................. | 28 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgGgu................................................................. | 5 | 1 | Fm1 |
| ....................uacccuAuagaaccgagcgagu................................................................. | 4 | 1 | Fm1 |
| ....................uacccuguagaacGgagcgagu................................................................. | 4 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgaUu................................................................. | 13 | 1 | Fm1 |
| ....................uacccuguagaaUcgagcgagu................................................................. | 4 | 1 | Fm1 |
| ....................uacccuguagaaccgaUcgagu................................................................. | 11 | 1 | Fm1 |
| ....................uacccugAagaaccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacccuguUgaaccgagcgagu................................................................. | 3 | 1 | Fm1 |
| ....................uacccuguagGaccgagcgagu................................................................. | 16 | 1 | Fm1 |
| ....................uacccuguagaaccAagcgagu................................................................. | 5 | 1 | Fm1 |
| ....................uacccuguagUaccgagcgagu................................................................. | 9 | 1 | Fm1 |
| ....................uaccGguagaaccgagcgagu................................................................. | 1 | 1 | Fm1 |
| ....................uacccuguagaaGcgagcgagu................................................................. | 1 | 1 | Fm1 |
| ....................uacccuguagaaccCagcgagu................................................................. | 4 | 1 | Fm1 |
| ....................uacccuguaCaaccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacccuguagaCccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacccuguagaaccgagcAagu................................................................. | 58 | 1 | Fm1 |
| ....................uacccuUuagaaccgagcgagu................................................................. | 3 | 1 | Fm1 |
| ....................uacccuguGgaaccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacccuguagaaccgagGgagu................................................................. | 15 | 1 | Fm1 |
| ....................uacccuguagaacUgagcgagu................................................................. | 1 | 1 | Fm1 |
| ....................uacccNguagaaccgagcgagu................................................................. | 1 | 1 | Fm1 |
| ....................uacccAguagaaccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacUcuguagaaccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................Cacccuguagaaccgagcgagu................................................................. | 3 | 1 | Fm1 |
| ....................Aacccuguagaaccgagcgagu................................................................. | 5 | 1 | Fm1 |
| ....................uacccuguCgaaccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacccugCagaaccgagcgagu................................................................. | 1 | 1 | Fm1 |
| ....................uacccuguagaaccgaAcgagu................................................................. | 4 | 1 | Fm1 |
| ....................uaccAuguagaaccgagcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacccuguagaacAgagcgagu................................................................. | 3 | 1 | Fm1 |
| ....................uacccuguagaaccgaCcgagu................................................................. | 1 | 1 | Fm1 |
| ....................uacccuguagaaccgUgcgagu................................................................. | 2 | 1 | Fm1 |
| ....................uacccuguagaaccUagcgagu................................................................. | 4 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgaCu................................................................. | 4 | 1 | Fm1 |
| ....................uacccuguaUaaccgagcgagu................................................................. | 3 | 1 | Fm1 |
| ....................uacccuguagaaccgCgcgagu................................................................. | 6 | 1 | Fm1 |
| ....................uGcccuguagaaccgagcgagu................................................................. | 3 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgagG................................................................. | 40 | 1 | Fm1 |
| ....................uacccuguagaaccgGgcgagu................................................................. | 3 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgagC................................................................. | 12 | 1 | Fm1 |
| ....................uacccuguagaaccgagcgUgu................................................................. | 11 | 1 | Fm1 |

```
cguagaucgauagacugccuauacccguagaaccgagcgagugauacauagaccaccacucguuucucaggguacauguaagcguugaauucaacacuucaacuagaug

....................uacccguagaaccgagcCagu.....................................................  190    1    Fm1
....................uaUccguagaaccgagcgagu.....................................................    2    1    Fm1
....................uacccguagaaAcgagcgagu.....................................................    3    1    Fm1
....................uaGccguagaaccgagcgagu.....................................................    1    1    Fm1
....................uacccguagaaccgagcgaguA....................................................    7    1    Fm1
....................uacUcguagaaccgagcgagug....................................................    1    1    Fm1
....................Cacccguagaaccgagcgagug....................................................    1    1    Fm1
....................Nacccguagaaccgagcgagug....................................................    1    1    Fm1
....................uacccuCuagaaccgagcgagug...................................................    1    1    Fm1
....................Aacccguagaaccgagcgagug....................................................    1    1    Fm1
....................uacccguagaaccgagcgaguU....................................................  425    1    Fm1
....................uacccguagaaccgagcgagug....................................................   62    0    Fm1
....................uacccguagGaccgagcgagug....................................................    1    1    Fm1
....................uacccguaUaaccgagcgagug....................................................    1    1    Fm1
....................uacccguagaaccgagcAagug....................................................    3    1    Fm1
....................uacccguagaaccgagcCagug....................................................    8    1    Fm1
....................uacccguagaaccgagUgagug....................................................    1    1    Fm1
....................uacccguagaaccgagcUaguga...................................................  1644   1    Fm1
....................uacccguagaaccgagcgagugC..................................................    2    1    Fm1
....................uacccguagaaccgagcgaguga..................................................    1    0    Fm1
....................uacccguagaaccgagcgagugU..................................................   41    1    Fm1
....................uacccguagaaccgagcgaguAa.................................................    2    1    Fm1
....................uacccguagaaccgagcgagugG.................................................    7    1    Fm1
....................uacccguagaaccgagcUagugau................................................   50    1    Fm1
....................uacccguagaaccgagcgagugUu...............................................   16    1    Fm1
.....................acccguagaaccgagcg......................................................    4    0    Fm1
.....................acccguagaaccgagcgag....................................................    3    0    Fm1
.....................acccguagaaccgagcCag....................................................    2    1    Fm1
.....................acccguagaaccgagcAag....................................................    1    1    Fm1
.....................acccguagaCccgagcgagu..................................................    1    1    Fm1
.....................acccguagaaccgagcAagu..................................................   17    1    Fm1
.....................acccguagaaccgagcgaAu..................................................    1    1    Fm1
.....................acccguagaUccgagcgagu..................................................    1    1    Fm1
.....................aUccguagaaccgagcgagu..................................................    3    1    Fm1
.....................acccguagaaccgagcCagu..................................................   49    1    Fm1
.....................acccguagaaccgagcgagu..................................................   71    0    Fm1
.....................acccguaCaaccgagcgagu..................................................    1    1    Fm1
.....................acccguagAaaccgagcgagu.................................................    1    1    Fm1
.....................acccguagaaccgagcgagC..................................................    1    1    Fm1
.....................acccuAuagaaccgagcgagu.................................................    2    1    Fm1
.....................acccugAagaaccgagcgagu.................................................    1    1    Fm1
.....................acccguagaaccgagcgagA..................................................    2    1    Fm1
.....................acccguagaaccgagcCagug.................................................    4    1    Fm1
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.....................acccguagaaccgagcgaguU.................................................    7    1    Fm1
.....................acccguagaaccgagcAagug.................................................    2    1    Fm1
.....................acccguagaaccgagcgagugU................................................    4    1    Fm1
.....................acccguagaaccgagcUaguga................................................   14    1    Fm1
......................cccguagaaccgagcAa....................................................    2    1    Fm1
......................cccguagaaccgagcga....................................................    4    0    Fm1
......................cccguagaaccgagcgG....................................................    1    1    Fm1
......................cccguagaaccgagcgag...................................................    4    0    Fm1
......................cccguagaaccgaCcgagu..................................................    1    1    Fm1
......................cccguagaaccgagcgGgu..................................................    1    1    Fm1
......................cccguagaaccgagcgagu..................................................   33    0    Fm1
......................cccguagaaccgagcgagug.................................................    1    0    Fm1
......................cccguagaaccgagcgaguU.................................................    4    1    Fm1
.......................ccguagaaccgagcgagu.................................................    5    0    Fm1
........................cguagaaccgagcgagu................................................    4    0    Fm1
........................cguagaaccgagcgaguU...............................................    3    1    Fm1
.....................................ccacucguuucucaggguac..................................    3    0    Fm1
.....................................ccacucguuucucaggguacU.................................    4    1    Fm1
.....................................ccacucguuucucaggguaca.................................    9    0    Fm1
.....................................ccacucguuucucaggguacG.................................    1    1    Fm1
.....................................ccacucguuucucaggUuacau................................    1    1    Fm1
.....................................ccacucguuucucaggguacau................................   46    0    Fm1
.....................................ccacucguuucucagggCacau................................    1    1    Fm1
.....................................ccacucguuucucaggguacauU...............................    7    1    Fm1
cguagaucgauagacugccuauacccguagaaccgagcgagugauacauagaccaccacucguuucucaggguacauUu............    4    1    Fm1
......................................cacucguuucucaggguaca.................................    2    0    Fm1
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**Mature**          **Star**

cguagaucgauagacugccuauacccguagaaccgagcgagugauacauagaccaccacucguuucucagggguacauguaagcguugaauucaacacuucaacuagaug

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...................................................................cacucguuucucagggguacau................................     4      0     Fm1


..................uauacccguagaaccgagc..........................................................................     11     0     Fm2
..................uGuacccguagaaccgagcg.........................................................................     5      1     Fm2
..................uauacccguagaaccgagcU.........................................................................     1      1     Fm2
..................uauacccguagaaccgagcga........................................................................     30     0     Fm2
..................Cauacccguagaaccgagcga........................................................................     10     1     Fm2
..................uauacccguagaaccgCgcgag.......................................................................     1      1     Fm2
..................uauacNcguagaaccgagcgag.......................................................................     1      1     Fm2
..................uGuacccguagaaccgagcgag.......................................................................     1      1     Fm2
..................uauacccguagaaccgagcUag.......................................................................     3      1     Fm2
..................Cauacccguagaaccgagcgag.......................................................................     10     1     Fm2
..................uauacccguagaaccgUgcgag.......................................................................     1      1     Fm2
..................uauacccguagaaccgagcgag.......................................................................     59     0     Fm2
..................uauacccguagaaccgagcgagu......................................................................     252    0     Fm2
..................uauacccguagaaccgCgcgagu......................................................................     2      1     Fm2
..................uauacccguagaaccgagcUagu......................................................................     64     1     Fm2
..................uauacccguagaaccUagcgagu......................................................................     1      1     Fm2
..................uauacccguagaaccgagcgagG......................................................................     1      1     Fm2
..................uauacccguagaaccAagcgagu......................................................................     2      1     Fm2
..................Cauacccguagaaccgagcgagu......................................................................     466    1     Fm2
..................uGuacccguagaaccgagcgagu......................................................................     7      1     Fm2
..................uauacccguagaaccgagcgaguU.....................................................................     12     1     Fm2
..................Cauacccguagaaccgagcgagug.....................................................................     6      1     Fm2
..................uauacccguagaaccgagcUagug.....................................................................     2      1     Fm2
..................uauacccguagaaccgagcgagug.....................................................................     5      0     Fm2
..................uauacccguagaaccgagcgagugUu...................................................................     16     1     Fm2
..................uauacccguagaaccgagcgagugCu...................................................................     8      1     Fm2
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...................auacccguagaaccgaA..........................................................................     4      1     Fm2
...................Nuacccguagaaccgag..........................................................................     1      1     Fm2
...................auacccguagaaccgaCc.........................................................................     12     1     Fm2
...................auacccguagaaccgaAc.........................................................................     9      1     Fm2
...................auacccCguagaaccgagc........................................................................     1      1     Fm2
...................auaGccguagaaccgagc.........................................................................     1      1     Fm2
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...................auaccNuguagaaccgagc........................................................................     2      1     Fm2
...................auacccguagaaUcgagc.........................................................................     10     1     Fm2
...................auacccguaCaaccgagc.........................................................................     2      1     Fm2
...................auacccguagaaccgaUc.........................................................................     10     1     Fm2
...................auacccguagaaccgGgc.........................................................................     1      1     Fm2
...................auGcccguagaaccgagc.........................................................................     1      1     Fm2
...................auacccguagaaccgagA.........................................................................     9      1     Fm2
...................auacccguagaaccgUgc.........................................................................     1      1     Fm2
...................Uuacccguagaaccgagc.........................................................................     1      1     Fm2
...................auacccguagaaccUagc.........................................................................     2      1     Fm2
...................auacccugAagaaccgagc........................................................................     1      1     Fm2
...................auacccguagaaccgCgc.........................................................................     3      1     Fm2
...................auaUccguagaaccgagc.........................................................................     1      1     Fm2
...................auacccguagaaccgagU.........................................................................     12     1     Fm2
...................aAacccguagaaccgagc.........................................................................     1      1     Fm2
...................auacccguaUaaccgagc.........................................................................     2      1     Fm2
...................auacccguagaaccgaAcg........................................................................     2      1     Fm2
...................auacccguagaaccgagcU........................................................................     93     1     Fm2
...................auacccuCuagaaccgagcg.......................................................................     1      1     Fm2
...................Guacccguagaaccgagcg........................................................................     3      1     Fm2
...................auacccguagaaccgaUcg........................................................................     2      1     Fm2
...................auacccguagaaUcgagcg........................................................................     2      1     Fm2
...................auacccguaAaaccgagcg........................................................................     1      1     Fm2
...................auacccguagaGccgagcg........................................................................     1      1     Fm2
...................auacccguagaaccgagcg........................................................................     335    0     Fm2
...................auacccguagaaccgUgcg........................................................................     1      1     Fm2
...................auacccguagaaccgagcA........................................................................     20     1     Fm2
...................auacccguagaaccgCgcg........................................................................     1      1     Fm2
...................auacccguagaaccgaCcg........................................................................     1      1     Fm2
...................auacccguagaaGcgagcga.......................................................................     3      1     Fm2
...................auacccuguagaaccgaAcga......................................................................     86     1     Fm2
...................auacccguagaGccgagcga.......................................................................     2      1     Fm2
...................auacGcguagaaccgagcga.......................................................................     4      1     Fm2
```

```
cguagaucgauagacugccuauacccuguagaaccgagcgagugauacauagaccaccacucguuucucagggguacauguaagcguugaauucaacacuucaacuagaug

..................auacccuAuagaaccgagcga.............................................................    1        1      Fm2
..................auaccGuguagaaccgagcga.............................................................    1        1      Fm2
..................auCccuguagaaccgagcga..............................................................    4        1      Fm2
..................auUccuguagaaccgagcga..............................................................    2        1      Fm2
..................aGacccuguagaaccgagcga.............................................................    3        1      Fm2
..................auacccuguagaaccgagUga.............................................................    7        1      Fm2
..................auacccuguGgaaccgagcga.............................................................    2        1      Fm2
..................Nuacccuguagaaccgagcga.............................................................    5        1      Fm2
..................auacccugCagaaccgagcga.............................................................    2        1      Fm2
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..................auacccuguaUaaccgagcga.............................................................   14        1      Fm2
..................auacccuguagaacAgagcga.............................................................    5        1      Fm2
..................auacccuguagaUccgagcga.............................................................    3        1      Fm2
..................auacccuguagaaccgagCCa.............................................................    5        1      Fm2
..................auacccuguagaaccUagcga.............................................................    4        1      Fm2
..................auacccuCuagaaccgagcga.............................................................    1        1      Fm2
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..................auacccuguagaaccgaCcga.............................................................   90        1      Fm2
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..................auacccuguagaacAgagcgag............................................................    3        1      Fm2
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| ....................auacccuguagaaccUagcgag.................................................................... | 15 | 1 | Fm2 |
| ....................auaccUuguagaaccgagcgag.................................................................... | 12 | 1 | Fm2 |
| ....................auacccuguagaaccgCgcgag.................................................................... | 190 | 1 | Fm2 |
| ....................auacccuguagaaccgagUgag.................................................................... | 16 | 1 | Fm2 |
| ....................auacccuguagaaccgagGgag.................................................................... | 4 | 1 | Fm2 |
| ....................auacccuguagaacGgagcgag.................................................................... | 3 | 1 | Fm2 |
| ....................auacccuguagaaccgagcgag.................................................................... | 63651 | 0 | Fm2 |
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| ....................auacccuguagaaccgagcgUg.................................................................... | 9 | 1 | Fm2 |
| ....................Guaccuguagaaccgagcgag.................................................................... | 7 | 1 | Fm2 |
| ....................aGaccuguagaaccgagcgag.................................................................... | 6 | 1 | Fm2 |
| ....................auaccGuguagaaccgagcgag.................................................................... | 2 | 1 | Fm2 |
| ....................auacccuguagaaccgagcgGg.................................................................... | 76 | 1 | Fm2 |
| ....................auacccugCagaaccgagcgag.................................................................... | 12 | 1 | Fm2 |
| ....................auacccuguagaaccgagcCag.................................................................... | 5 | 1 | Fm2 |
| ....................auacccugAagaaccgagcgag.................................................................... | 7 | 1 | Fm2 |
| ....................auacccuguUgaaccgagcgag.................................................................... | 7 | 1 | Fm2 |
| ....................auacccugGagaaccgagcgag.................................................................... | 3 | 1 | Fm2 |
| ....................auacccuguaAaaccgagcgag.................................................................... | 89 | 1 | Fm2 |
| ....................aNacccuguagaaccgagcgag.................................................................... | 1 | 1 | Fm2 |
| ....................auacccuguagaaccCagcgag.................................................................... | 6 | 1 | Fm2 |
| ....................auacccuguagaaccAagcgagA.................................................................. | 9 | 1 | Fm2 |
| ....................auacccuguagaaccgUgcgag.................................................................... | 111 | 1 | Fm2 |
| ....................auacccuguaUaccgagcgag.................................................................... | 59 | 1 | Fm2 |
| ....................auacccuguagaaccgagcAag.................................................................... | 11 | 1 | Fm2 |
| ....................auacccuguagaaccgGgcgag.................................................................... | 33 | 1 | Fm2 |
| ....................auacccuguagUaccgagcgag.................................................................... | 8 | 1 | Fm2 |
| ....................auaccAuguagaaccgagcgag.................................................................... | 14 | 1 | Fm2 |
| ....................auacccuguagaUccgagcgag.................................................................... | 6 | 1 | Fm2 |
| ....................auacccuguagaaccgagcgaA.................................................................... | 391 | 1 | Fm2 |
| ....................auacccuUuagaaccgagcgag.................................................................... | 5 | 1 | Fm2 |
| ....................auacccuguagaaccgaUcgag.................................................................... | 309 | 1 | Fm2 |
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| ....................auacccAguagaaccgagcgag.................................................................... | 8 | 1 | Fm2 |
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| ....................auacccuguagaaUcgagcgag.................................................................... | 29 | 1 | Fm2 |
| ....................auacccuguagaaAcgagcgag.................................................................... | 14 | 1 | Fm2 |
| ....................Cuacccuguagaaccgagcgag.................................................................... | 6 | 1 | Fm2 |
| ....................auacccuguagaGccgagcgag.................................................................... | 10 | 1 | Fm2 |
| ....................auacccuguagaaccgagcUag.................................................................... | 22 | 1 | Fm2 |
| ....................aCacccuguagaaccgagcgag.................................................................... | 17 | 1 | Fm2 |
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| ....................auacccuguagaaccgagcgaU.................................................................... | 2109 | 1 | Fm2 |
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| ....................auacccuguagaaAcgagcgagu.................................................................. | 297 | 1 | Fm2 |
| ....................auacccuguagaaccgagcgagG.................................................................. | 10231 | 1 | Fm2 |
| ....................auacccuguCgaaccgagcgagu.................................................................. | 43 | 1 | Fm2 |
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| ....................auacccuguaCaaccgagcgagu..gauacauagacca.................................................. | 1472 | 1 | Fm2 |
| ....................aCacccuguagaaccgagcgagu.................................................................. | 330 | 1 | Fm2 |

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| Sequence | Reads | MM | Name |
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| auacccuguagaaccgagcgaguAa | 66 | 1 | Fm2 |
| auacccuguagaaccgagcgaguCa | 3 | 1 | Fm2 |
| auacccuguagaaccgagcgaguUa | 248 | 1 | Fm2 |
| auacccuguagaaccgagcgagugCu | 45 | 1 | Fm2 |
| auacccuguagaaccgagcgagugaA | 8 | 1 | Fm2 |
| auacccuguagaaccgagcgaguAau | 12 | 1 | Fm2 |
| auacccuguagaaccgagcgaguUau | 16 | 1 | Fm2 |
| auacccuguagaaccgagcgagugGu | 12 | 1 | Fm2 |
| auacccuguagaaccgagcgagugUu | 11705 | 1 | Fm2 |
| auacccuguagaaccgagcgagugau | 19 | 0 | Fm2 |
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| auacccuguagaaccgagcgagugauU | 17 | 1 | Fm2 |
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| uacccuguagaaccgagc | 556 | 0 | Fm2 |
| uacccuguagaaccgagG | 2 | 1 | Fm2 |
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| uacccuguagaaccgagU | 3 | 1 | Fm2 |
| uaUccuguagaaccgagc | 1 | 1 | Fm2 |
| uacccuguagUaccgagc | 1 | 1 | Fm2 |
| uGcccuguagaaccgagc | 1 | 1 | Fm2 |
| uacccuguagaaccgaAc | 1 | 1 | Fm2 |
| uacAcuguagaaccgagc | 1 | 1 | Fm2 |
| uaccAuguagaaccgagc | 1 | 1 | Fm2 |
| uacccuguagaaccgaCc | 1 | 1 | Fm2 |
| uacccuguagaaccgagcA | 5 | 1 | Fm2 |
| uacccuguagaaccgagcg | 15 | 0 | Fm2 |
| uacccAguagaaccgagcga | 1 | 1 | Fm2 |
| uacccugAagaaccgagcga | 1 | 1 | Fm2 |
| uacccuguagUaccgagcga | 1 | 1 | Fm2 |
| uacccuguagaacAgagcga | 1 | 1 | Fm2 |
| uacccuguagaaccgagcgG | 1 | 1 | Fm2 |
| uacccuguagaaccgagcga | 49 | 0 | Fm2 |
| uacccuguagaaccgagcgaC | 1 | 1 | Fm2 |
| uacccuguagaaccgagcCag | 2 | 1 | Fm2 |
| uacccuguagaaccgagcgag | 154 | 0 | Fm2 |
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| uacccuguagaaccgagcgaU | 1 | 1 | Fm2 |
| uacccuguagaaGcgagcgag | 1 | 1 | Fm2 |
| uacccuguagaaccAagcgag | 1 | 1 | Fm2 |
| uacAcuguagaaccgagcgagu | 3 | 1 | Fm2 |
| uacccuguagaaccUagcgagu | 2 | 1 | Fm2 |
| uacccuguagaaccgagcgagu | 4721 | 0 | Fm2 |
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| uacccuguagaaAcgagcgagu | 1 | 1 | Fm2 |
| uacccuguagaacUgagcgagu | 1 | 1 | Fm2 |
| uacccuguagaaccgagcgaAu | 10 | 1 | Fm2 |
| uacccuguagaaccgagcgUgu | 3 | 1 | Fm2 |
| uacccuguagGaccgagcgagu | 6 | 1 | Fm2 |
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| uacccuguagaaccgagGgagu | 9 | 1 | Fm2 |
| uacccuguagaaccgagcgagA | 87 | 1 | Fm2 |
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| Aacccuguagaaccgagcgagu | 4 | 1 | Fm2 |
| uacccuguCgaaccgagcgagu | 3 | 1 | Fm2 |
| uacccuguagaaccgGgcgagu | 5 | 1 | Fm2 |
| uacccuguagaaccgUgcgagu | 2 | 1 | Fm2 |
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| uacccuguGgaaccgagcgagu | 2 | 1 | Fm2 |
| uaccUuguagaaccgagcgagu | 2 | 1 | Fm2 |
| uacccuguagaaccgagcgaCu | 4 | 1 | Fm2 |
| uacccuguaUaaccgagcgagu | 2 | 1 | Fm2 |
| uacccuguagaaGcgagcgagu | 1 | 1 | Fm2 |
| uacccuguagaCccgagcgagu | 3 | 1 | Fm2 |
| uacccuguagaaccgagUgagu | 22 | 1 | Fm2 |

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...........................uacccuguaCaaccgagcgagu..........................................................  2     1     Fm2
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...........................uacccAguagaaccgagcgagu..........................................................  3     1     Fm2
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