| Provisional ID | : | chromosome_5_153948 |
| Score total | : | 1361.9 |
| Score for star read(s) | : | 3.9 |
| Score for read counts | : | 1354.7 |
| Score for mfe | : | 1.7 |
| Score for randfold | : | 1.6 |
| Score for cons. seed | : | |
| Total read count | : | 2669 |
| Mature read count | : | 2643 |
| Loop read count | : | 0 |
| Star read count | : | 26 |





**Mature**      **Star**

```
5'- uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuuaaaguguacaauaccuaaguuauguacguuuuguuuauggcucugucagccaaccagaggucagaag   -3'   obs
    uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuuaaaguguacaauaccuaaguuauguacguuuuguuuauggcucugucagccaaccagaggucagaag        exp
    .(((((.(((((.((((((((((.((((((((((((.((((((((((((....))))))))))).)).))))))).))).))))))....(((((.....))))))...))))))).)))).
```

| | reads | mm | sample |
|---|---|---|---|
| ................cuacuaacuuggaauuguacacC................................................................ | 2 | 1 | s11 |
| ................cuacuaacuuggaauuguacacuu. | 1 | 0 | s11 |
| ................cuacuaacuuggaauuguacacAu. | 2 | 1 | s11 |
| ...............uacuaacuuggaauuguacacA. | 1 | 1 | s11 |
| ...............uacuaacuuggaauuguacacG. | 2 | 1 | s11 |
| | | | |
| ...............cuacuaacuuggaauugu. | 2 | 0 | s02 |
| ...............cuacuaacuuggaauuguac. | 1 | 0 | s02 |
| ...............cuacuaacuuggaauuguaca. | 6 | 0 | s02 |
| ...............Auacuaacuuggaauuguaca. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauGguacac. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauuguacac. | 4 | 0 | s02 |
| ...............Guacuaacuuggaauuguacac. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauCguacacu. | 1 | 1 | s02 |
| ...............cuacuaaAuuggaauuguacacu. | 1 | 1 | s02 |
| ...............cuaUuaacuuggaauuguacacu. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauugCacacu. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacC. | 18 | 1 | s02 |
| ...............cuacuaacCuggaauuguacacu. | 1 | 1 | s02 |
| ...............cuacCaacuuggaauuguacacu. | 4 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacA. | 42 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacG. | 3 | 1 | s02 |
| ...............cuacuaacuuggaauuguacGcu. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacu. | 129 | 0 | s02 |
| ...............cuacuaacuuggaauuguacacAu. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacuA. | 3 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacuu. | 9 | 0 | s02 |
| ...............cuacuaacuuggaaGguacacuu. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacAuu. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacuuu. | 1 | 0 | s02 |
| ...............cuacuaacuuggaauuguacGcuuuaaagu. | 1 | 1 | s02 |
| ...............cuacuaacuuggaauuguacacuuuaaagu. | 2 | 0 | s02 |
| ...............uacuaacuuggaauuguac. | 1 | 0 | s02 |

uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuauguacguuuuguuuauggcucugucagccaaccagaggucagaag

| Read | Count | Mismatch | Sample |
|---|---|---|---|
| ..................................uacuaacuuggaauuguCca... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguaca... | 21 | 0 | s02 |
| ..................................uacuaacuuggaauuguacac... | 6 | 0 | s02 |
| ..................................Cacuaacuuggaauuguacacu... | 2 | 1 | s02 |
| ..................................uacuaacuugCaauuguacacu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguaUacu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacC... | 30 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacu... | 271 | 0 | s02 |
| ..................................uacGaacuuggaauuguacacu... | 1 | 1 | s02 |
| ..................................uGcuaacuuggaauuguacacu... | 2 | 1 | s02 |
| ..................................uacuaacuuggaauuguGcacu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguCcacu... | 1 | 1 | s02 |
| ..................................uacuaacuugAaauuguacacu... | 3 | 1 | s02 |
| ..................................uacuaacuuggaaGuguacacu... | 1 | 1 | s02 |
| ..................................uacuaacGuggaauuguacacu... | 2 | 1 | s02 |
| ..................................uacuaacuuggaauuUuacacu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguacGcu... | 2 | 1 | s02 |
| ..................................Gacuaacuuggaauuguacacu... | 4 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacG... | 10 | 1 | s02 |
| ..................................uacuaacuCggaauuguacacu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacA... | 198 | 1 | s02 |
| ..................................uacCaacuuggaauuguacacu... | 1 | 1 | s02 |
| ..................................uacuaacuuggGauuguacacu... | 1 | 1 | s02 |
| ..................................Aacuaacuuggaauuguacacu... | 9 | 1 | s02 |
| ..................................uacuaacuuggaauuAuacacu... | 3 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacAu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacuA... | 14 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacuG... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacuu... | 22 | 0 | s02 |
| ..................................uacuaacuuggaauuguacacuC... | 1 | 1 | s02 |
| ..................................Aacuaacuuggaauuguacacuu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacuuA... | 4 | 1 | s02 |
| ..................................uacuaacuuggaauugCacacuuu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacAuu... | 1 | 1 | s02 |
| ..................................uacuaacuuggaauuguacacuuu... | 12 | 0 | s02 |
| ..................................uacuaacuuggaauugGacacuuu... | 1 | 1 | s02 |
| ..................................uacuaaGuuggaauuguacacuuu... | 1 | 1 | s02 |
| ....................................acuaacuuggaauuguaca... | 3 | 0 | s02 |
| ....................................acuaacuuggaauuguacac... | 2 | 0 | s02 |
| ....................................acuaacuAggaauuguacacu... | 1 | 1 | s02 |
| ....................................acuaacuuggaauuguacacC... | 1 | 1 | s02 |
| ....................................acuaacuuggaauuguacacA... | 21 | 1 | s02 |
| ....................................acuaacuuggaauuguacacu... | 13 | 0 | s02 |
| ....................................acuaacuuggaauuguacacuG... | 1 | 1 | s02 |
| ....................................acuaacuuggaauuguacacuA... | 1 | 1 | s02 |
| ......................................cuaacuuggaauuguaca... | 5 | 0 | s02 |
| ......................................cuaGcuuggaauuguaca... | 1 | 1 | s02 |
| ......................................cuaacuuggaauuguacaU... | 3 | 1 | s02 |
| ......................................cuaacuuggaauuguacacA... | 29 | 1 | s02 |
| ......................................cuaacuuggaauuguGcacu... | 1 | 1 | s02 |
| ......................................cuaacuuggaauuguacGcu... | 2 | 1 | s02 |
| ......................................cuaacuuggaauugCacacu... | 1 | 1 | s02 |
| ......................................cuaacuuggaauuguacacC... | 6 | 1 | s02 |
| ......................................cuaacuuggaauuguacacu... | 36 | 0 | s02 |
| ......................................cuaacuuggaauuguacacuA... | 2 | 1 | s02 |
| ........................................uaacuuggaauuguacacA... | 13 | 1 | s02 |
| ........................................uaacuuggaauuguacacu... | 2 | 0 | s02 |
| ......................................................uguacaauaccuaaguuauA... | 1 | 1 | s02 |
| ......................................................uguacaauaccuaaguuaug... | 1 | 0 | s02 |
| ......................................................uguacaauaccuaaguuaugC... | 1 | 1 | s02 |
| ......................................................uguacaauaccuaaguuaugu... | 1 | 0 | s02 |
| ......................................................uguacaauaccuaaguuaugG... | 1 | 1 | s02 |
| ........................................................uacaauaccuaaguuaugA... | 1 | 1 | s02 |
| ..............................cuacuaacuuggaauuguacacu... | 2 | 0 | s18 |
| ..............................cuacuaacuuggaauuguacacuu... | 1 | 0 | s18 |
| ................................uacuaacuuggaauuguacacC... | 1 | 1 | s18 |
| ................................uacuaacuuggaauuguacacu... | 7 | 0 | s18 |
| uuucuugccuacucaaaacc..acuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuaug...acuaacuuggaauuguacacA... | 1 | 1 | s18 |
| ......................................uaacuuggaauuguacacA... | 1 | 1 | s18 |

```
uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuaugacguuuguuuauggcucugucagccaaccagaggucagaag

.....................uaacuuggaauuguacacu.....................................................................    3    0    s18
...................................uUuacaauaccuaaguuauguacgu.................................................    2    1    s18


.................cuacuaacuuggaauuguacacu.....................................................................   20    0    s05
.................cuacuaacuuggaauuguacacC.....................................................................    1    1    s05
.................cuacuaacuuggaauuguacacuu....................................................................    2    0    s05
.................cuacuaacuuggaauuguacacuuu...................................................................    2    0    s05
..................uacuaacuuggaauuguacG......................................................................    1    1    s05
..................uacuaacuuggaauuguacac.....................................................................    1    0    s05
..................uacuaacuuggaauuguacacA....................................................................   15    1    s05
..................uacuaacuuggaauuguGcacu....................................................................    1    1    s05
..................uacuaacuuggaauuguacacC....................................................................    9    1    s05
..................uacuaacuuggaauuguacacG....................................................................    1    1    s05
..................uacuaacuuggaauuguacacu....................................................................   18    0    s05
..................uacuaacuuggaauuguacacuA...................................................................    1    1    s05
..................uacuaacuuggaauuguacacAu...................................................................    1    1    s05
..................uacuaacuuggaauuguacacuu...................................................................    1    0    s05
..................uacuaacuuggaauuguacacuuu..................................................................    1    0    s05
...................acuaacuuggaauuguacacA...................................................................    2    1    s05
...................acuaacuuggaauuguacacC...................................................................    1    1    s05
...................cuaacuuggaauuguaca.....................................................................    1    0    s05
...................cuaacuuggaauuguacacC...................................................................    1    1    s05
...................cuaacuuggaauuguacacu...................................................................    6    0    s05
...................cuaacuuggaauuguacacA...................................................................    5    1    s05
...................cuaacuuggaauuAuacacu...................................................................    1    1    s05
...................cuaacuuggaauuguacacuA..................................................................    1    1    s05
...................cuaacuuggaauuguacacuuu.................................................................    1    0    s05
...........................................uguacaauaccuaaguuaug...........................................    1    0    s05


...............cuacuaacuuggaauugu...........................................................................    1    0    s12
...............cuacuaacuuggaauuguacacA.......................................................................    4    1    s12
...............cuacuaacuuggaauuguacacu.......................................................................   33    0    s12
...............cuacuaacuuggaGuuguacacu.......................................................................    1    1    s12
...............cuacuaacuuggaauuguacacC.......................................................................    6    1    s12
...............cuacuaacuuggaauuguacacuu......................................................................    3    0    s12
...............cuacuaacuuggaauuguacacuuu.....................................................................    3    0    s12
................uacuaacuuggaauuguacac.......................................................................    5    0    s12
................uacuaacuuggaauuguacacA......................................................................   10    1    s12
................uacuaacuuggaauuAuacacu......................................................................    1    1    s12
................uacuaacuuggaauuguacacG......................................................................    4    1    s12
................uacuaacuuggaauuguacGcu......................................................................    2    1    s12
................uacuaacuuggaauGguacacu......................................................................    1    1    s12
................uacuaacuuggaAGuguacacu......................................................................    1    1    s12
................uacuaacuuggaauuguacacu......................................................................   55    0    s12
................uacuaacuuggaauuguacacC......................................................................   10    1    s12
................Aacuaacuuggaauuguacacu......................................................................    1    1    s12
................Cacuaacuuggaauuguacacuu.....................................................................    1    1    s12
................uacuaacuuggaauuguacacAu.....................................................................    1    1    s12
................uacuaacuuggaauuguacacuu.....................................................................    4    0    s12
................uacuaacuuggaauuguacUcuu.....................................................................    1    1    s12
................uacuaacuuggaauuguacacAuu....................................................................    1    1    s12
................uacuaacuuggaauuguacacuuC....................................................................    2    1    s12
................uacuaacuuggaauuguacacuuu....................................................................    3    0    s12
..................cuaacuuggaauuguacacC.....................................................................    1    1    s12
..................cuaacuuggaauuguacacA.....................................................................    7    1    s12
..................cuaacuuggaauuguacacu.....................................................................    3    0    s12
..................cuaacuuggaauuguacacG.....................................................................    2    1    s12
..................cuaacuuggaauuguacacAu....................................................................    1    1    s12
...................aacuuggaauuguacacu.....................................................................    1    0    s12
...........................................uguacaauaccuaaguuauA...........................................    3    1    s12
............................................uacaauaccuaaguuauguacgu.......................................    2    0    s12
...............................................................uuuguuuauggcCcugucagc.....................    1    1    s12


...............cuacuaacuuggaauugu...........................................................................    3    0    s13
...............cuacuaacuuggaauuguacacu.......................................................................    2    0    s13
...............cuacuaacuuggaauuguacacA.......................................................................    1    1    s13
...............cuacuaacuuggaauuguacacC.......................................................................    3    1    s13
................uacuaacuuggaauuguac.........................................................................    1    0    s13
uuucuugccuacucaaaaccuacuaacuuggaauuguaca....uuaaaguguacaauaccuaaguuaug......................................    5    0    s13
................uacuaacuuggaauuguacac.......................................................................    1    0    s13
```

**Mature**        **Star**

```
uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuaugacguuuguuuauggcucugucagccaaccagaggucagaag
```

| Sequence | Count | M | Label |
|---|---|---|---|
| ..................................uacuaacuuggaauuguacacA............................................... | 28 | 1 | s13 |
| ..................................uacuaacuuggaauuguacacG............................................... | 1 | 1 | s13 |
| ..................................uacuaacuuggaauuguacacu............................................... | 28 | 0 | s13 |
| ..................................uacuaacuuggaauuguacacC............................................... | 5 | 1 | s13 |
| ..................................uacuaacuuggaauuguacacuu.............................................. | 1 | 0 | s13 |
| ..................................uacuaacuuggaauuguacacuuu............................................. | 1 | 0 | s13 |
| ...................................acuaacuuggaauuguacacA............................................... | 5 | 1 | s13 |
| ...................................acuaacuuggaauuguacacu............................................... | 8 | 0 | s13 |
| ...................................acCaacuuggaauuguacacu............................................... | 1 | 1 | s13 |
| ...................................acuaacuuggaauuguacacC............................................... | 2 | 1 | s13 |
| .....................................cuaacuuggaauuguaca................................................ | 3 | 0 | s13 |
| .....................................cuaacuuggaauuguacacA.............................................. | 3 | 1 | s13 |
| .....................................cuaacuuggaauuguacacuA............................................. | 1 | 1 | s13 |
| | | | |
| ...............cuacuaacuuggaauuguaGacu................................................................. | 1 | 1 | s19 |
| ...............cuacuaacuuggaauuguacacA................................................................. | 7 | 1 | s19 |
| ...............cuacuaacuuggaauuguacacC................................................................. | 5 | 1 | s19 |
| ...............cuacuaacuuggaauuguacacu................................................................. | 34 | 0 | s19 |
| ...............cuacuaacuuggaauCguacacu................................................................. | 1 | 1 | s19 |
| ...............cuacuaacuuggaauuguacacuu................................................................ | 2 | 0 | s19 |
| ...............cuacuaacuuggaauuguacacuA................................................................ | 1 | 1 | s19 |
| ................uacuaacuuggaauuguaca.................................................................. | 2 | 0 | s19 |
| ................uacuaacuuggaauuguacac................................................................. | 5 | 0 | s19 |
| ................uacuaacuuggaauuguacacA................................................................ | 78 | 1 | s19 |
| ................uacuaacuuggaauuguacacC................................................................ | 16 | 1 | s19 |
| ................Aacuaacuuggaauuguacacu................................................................ | 2 | 1 | s19 |
| ................uacuaacuuggaauuguacacu................................................................ | 41 | 0 | s19 |
| ................uacuaacuuggaauuguacaGu................................................................ | 2 | 1 | s19 |
| ................uacuaacuuggaauuguacacuu............................................................... | 2 | 0 | s19 |
| ................uacuaacuuggaauuguacacuC............................................................... | 1 | 1 | s19 |
| ................uacuaacuuggaauuguacGcuuu.............................................................. | 1 | 1 | s19 |
| ................uacuaacuuggaauuguacacuuu.............................................................. | 1 | 0 | s19 |
| .................acuaacuuggaauuguacaUu................................................................ | 1 | 1 | s19 |
| .................Ccuaacuuggaauuguacacu................................................................ | 1 | 1 | s19 |
| .................acuaacuuggaauuguacacA................................................................ | 6 | 1 | s19 |
| .................acuaacuuggaauuguacacu................................................................ | 2 | 0 | s19 |
| ...................cuaacuuggaauuguacac................................................................ | 1 | 0 | s19 |
| ...................cuaacuuggaauuguacacA............................................................... | 3 | 1 | s19 |
| ...................cuaacuuggaauuguacacG............................................................... | 2 | 1 | s19 |
| ...................cuaacuuggaauuguaAacu............................................................... | 1 | 1 | s19 |
| ...................cuaacuuggaauuguacacu............................................................... | 5 | 0 | s19 |
| .....................uaacuuggaauuguacacA.............................................................. | 2 | 1 | s19 |
| .....................uaacuuggaauuguacacu.............................................................. | 1 | 0 | s19 |
| ..........................................uguacaauaccuaaguuaug........................................ | 2 | 0 | s19 |
| ..........................................guacaauaccuaaguuaugA........................................ | 1 | 1 | s19 |
| ..............................................uacaauaccuaaguuauguacgu................................. | 1 | 0 | s19 |
| ..............................................uacaauaccuaaguuGuguacgu................................. | 1 | 1 | s19 |
| | | | |
| ...............cuacuaacuuggaauugu..................................................................... | 1 | 0 | s14 |
| ...............cuacuaacuuggaauuguacac................................................................. | 1 | 0 | s14 |
| ...............cuacuaacuuggaauuguacacu................................................................ | 3 | 0 | s14 |
| ...............cuacuaacuuggaauuguacacuC............................................................... | 1 | 1 | s14 |
| ................uacuaacuuggaauuguacacC................................................................ | 1 | 1 | s14 |
| ................uacuaacuuggaauuguacacu................................................................ | 1 | 0 | s14 |
| ................uacuaacuuggaauuguacacAuu.............................................................. | 1 | 1 | s14 |
| ...................cuaacuuggaauuguacacu............................................................... | 1 | 0 | s14 |
| | | | |
| ...............cuacuaacuuggaauugu..................................................................... | 2 | 0 | s10 |
| ...............cuacuaacuuggaauuguacac................................................................. | 1 | 0 | s10 |
| ...............cuacuaacuuggaauuguacacC................................................................ | 4 | 1 | s10 |
| ...............cuacuaacuuggaGuuguacacu................................................................ | 1 | 1 | s10 |
| ...............cuacuaacuuggaaCguguacacu............................................................... | 1 | 1 | s10 |
| ...............cuacuaacuCggaauuguacacu................................................................ | 1 | 1 | s10 |
| ...............cuacuaacuuggaauuguacacu................................................................ | 41 | 0 | s10 |
| ...............cuacuaacuuAgaauuguacacu................................................................ | 1 | 1 | s10 |
| ...............cuacuaacuuggaauuguacacA................................................................ | 4 | 1 | s10 |
| ...............cuacuaacuuggaauuguacacAu............................................................... | 1 | 1 | s10 |
| ...............cuacuaacuuggaUuuguacacuu............................................................... | 1 | 1 | s10 |
| uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuaug................................... | 9 | 0 | s10 |
| ...............cuacuaacuuggaauuguacacuuu.............................................................. | 4 | 0 | s10 |

**Mature**          **Star**

uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuaugtacguuuuguuuauggcucugucagccaaccagaggucagaag

| Sequence | | | |
|---|---|---|---|
| ...................cuacuaacuuggaauuguacacuuuU............................................................. | 1 | 1 | s10 |
| .................uacuaacuuggaauuguac......................................................................... | 1 | 0 | s10 |
| .................uacuaacuuggaauuguaca........................................................................ | 1 | 0 | s10 |
| .................uacuaacAuggaauuguacac...................................................................... | 1 | 1 | s10 |
| .................uacuaacuuggaauuguacaA...................................................................... | 1 | 1 | s10 |
| .................uacuaacuuggaauuguacac....................................................................... | 7 | 0 | s10 |
| .................uacuaacuuggaauuguacaUu..................................................................... | 1 | 1 | s10 |
| .................uacuaacuuggaauuguacacu..................................................................... | 85 | 0 | s10 |
| .................uacuaacuuggaauuguacacA..................................................................... | 57 | 1 | s10 |
| .................uacuaaGuggaauuguacacu...................................................................... | 1 | 1 | s10 |
| .................uacuaacuuggaauuguacacG..................................................................... | 2 | 1 | s10 |
| .................uacuaacuuggaauuguacacC..................................................................... | 10 | 1 | s10 |
| .................uacuaacuuggaauuguacacuA.................................................................... | 3 | 1 | s10 |
| .................uacuaacuuggaauuguacacuC.................................................................... | 1 | 1 | s10 |
| .................uacuaacuuggaauuguacacuu.................................................................... | 6 | 0 | s10 |
| .................uacuaacuuggaauuguacGcuu................................................................... | 1 | 1 | s10 |
| .................uacuaacuuggaauuguacacuuC.................................................................. | 1 | 1 | s10 |
| .................uacuaacuuggaauuguacacAuu.................................................................. | 2 | 1 | s10 |
| .................uacuaacuuggaauuguacacuuu.................................................................. | 2 | 0 | s10 |
| .................uacuaacuuggaauuguacacuuA.................................................................. | 1 | 1 | s10 |
| .................uacuaacuuggaauuguacacuuuU................................................................. | 1 | 1 | s10 |
| ...................acuaacuuggaauuguaca...................................................................... | 1 | 0 | s10 |
| ...................acuaacuuggGauuguacac..................................................................... | 1 | 1 | s10 |
| ...................acuaacuuggaauuguacacu.................................................................... | 1 | 0 | s10 |
| ...................acuaacuuggaauuguacacA.................................................................... | 2 | 1 | s10 |
| ...................acuaacuuggaauuguacacuA................................................................... | 1 | 1 | s10 |
| ....................cuaacuuggaauuguacac..................................................................... | 1 | 0 | s10 |
| ....................cuaacuuggaauuguacacu.................................................................... | 2 | 0 | s10 |
| ....................cuaacuuggaauuguacacA.................................................................... | 4 | 1 | s10 |
| .....................aacuuggaauuguacacA..................................................................... | 1 | 1 | s10 |
| ...................................uguacaauaccuaaguuaug...................................................... | 1 | 0 | s10 |
| ......................................................guuuaugCcucugucagc.................................... | 2 | 1 | s10 |
|  |  |  |  |
| ...............cuacuaacuuggaauuguacacu...................................................................... | 4 | 0 | s01 |
| ...............cuacuaacuuggaauuguacacC..................................................................... | 1 | 1 | s01 |
| ...............uacuaacuuggaauuguacacu....................................................................... | 2 | 0 | s01 |
| ...............uacuaacuuggaauuguacacA....................................................................... | 17 | 1 | s01 |
| ...............acuaacuuggaauuguacacu........................................................................ | 1 | 0 | s01 |
| ...............acuaacuuggaauuguacacA........................................................................ | 2 | 1 | s01 |
| ...............acuaacuuggaauuguacacC........................................................................ | 1 | 1 | s01 |
|  |  |  |  |
| ...............cuacuaacuuggaauuguacacu...................................................................... | 5 | 0 | s17 |
| ...............cuacuaacuuggaauuguacacuuu.................................................................... | 1 | 0 | s17 |
| ...............cuacuaacuuggaauuguacacuuuaaU................................................................. | 1 | 1 | s17 |
| ...............Aacuaacuuggaauuguacacu....................................................................... | 2 | 1 | s17 |
| ...............uacuaacuuggaauuguacacu....................................................................... | 7 | 0 | s17 |
| ...............uacuaacuuggaauuguacacG....................................................................... | 2 | 1 | s17 |
| ...............uacuaacuuggaauuguacacC....................................................................... | 3 | 1 | s17 |
| ...............uacuaacuuggaauuguacacA....................................................................... | 4 | 1 | s17 |
| ...............uacuaacuuggaauuguacacuu..................................................................... | 1 | 0 | s17 |
| ...............acuaacuuggaauuguaca......................................................................... | 3 | 0 | s17 |
| ...............acuaacuuggaauuguacacA........................................................................ | 2 | 1 | s17 |
| ...............cuaacuuggaauuguacacA......................................................................... | 4 | 1 | s17 |
|  |  |  |  |
| ...............cuacuaacuuggaauuguacacu...................................................................... | 16 | 0 | s16 |
| ...............cuacuaacuuggaGuuguacacu...................................................................... | 1 | 1 | s16 |
| ...............cuacuaacuuggaauuguacacuu.................................................................... | 1 | 0 | s16 |
| ...............cuGcuaacuuggaauuguacacuu.................................................................... | 1 | 1 | s16 |
| ...............cuacuaacuuggaauuguacacuuuaaagu............................................................... | 1 | 0 | s16 |
| ...............uacuaacuuggaauuguacacu....................................................................... | 11 | 0 | s16 |
| ...............uacuaacuuggaauuguacacA....................................................................... | 7 | 1 | s16 |
| ...............uacuaacuuggaauuguacacC....................................................................... | 3 | 1 | s16 |
| ...............uacuaacuuggaauuguacacuA.................................................................... | 1 | 1 | s16 |
| ...............uacuaacuuggaauuguacacuu.................................................................... | 1 | 0 | s16 |
| ...............uacuaacuuggaauuguacacuC.................................................................... | 1 | 1 | s16 |
| ...............uacuaacuuggaauuguacaUuuu................................................................... | 1 | 1 | s16 |
| ...............uacuaacuuggaauuguacacuuuU.................................................................. | 1 | 1 | s16 |
| ...............acuaacuuggaauuguacacu........................................................................ | 1 | 0 | s16 |
| uuucuugccuacucaaaacc.acuaacuuggaauuguacacA...uuaaaguguacaauaccuaaguuaug....................................... | 3 | 1 | s16 |
| ...............cuaacuuggaauuguacacA........................................................................ | 1 | 1 | s16 |

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uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuauguacguuuuguuuauggcucugucagccaaccagaggucagaag

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.......................uaacuuggaauuguacacA.................................................................  1    1    s16


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.................cuacuaacuuggaauuguacacu...................................................................  9    0    s09
..................uacuaacuuggaauuguaca.....................................................................  3    0    s09
..................uacuaacuuggaauuguacacC...................................................................  4    1    s09
..................uacuaacuuggaauuguacacA...................................................................  14   1    s09
..................Aacuaacuuggaauuguacacu...................................................................  1    1    s09
..................uacuaacuuggaauuguacacu...................................................................  14   0    s09
..................uacuaacuuggGauuguacacu...................................................................  1    1    s09
..................uacuaacuuggaauuguacacuA..................................................................  1    1    s09
..................uacuaacuuggaauuguacacuu..................................................................  1    0    s09
..................uacuaacuuggaauuguacacAuu.................................................................  2    1    s09
..................uacuaacuuggaauuguacacuuu.................................................................  2    0    s09
...................acuaacuuggaauuguacacC...................................................................  3    1    s09
...................acuaacuuggaauuguacacA...................................................................  4    1    s09
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...................acuaacuuggaauuguacacuuu.................................................................  1    0    s09
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....................cuaacuuggaauuguacacu...................................................................  2    0    s09


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.................cuacuaacuuggaauuguacacA...................................................................  19   1    s07
.................cuacuaacuuggGauuguacacu...................................................................  1    1    s07
.................cuacuaacuuggaauuguacacuC..................................................................  1    1    s07
.................cuacuaacuuggaauuguacacAu..................................................................  1    1    s07
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...................acuaacuuggaauuguacacC...................................................................  4    1    s07
...................acuaacuuggaauuguacacA...................................................................  10   1    s07
...................acuaacuuggGauuguacacu...................................................................  1    1    s07
....................cuaacuuggaauuguaca.....................................................................  2    0    s07
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....................cuaacuuggaauuguacacu...................................................................  10   0    s07
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**Mature**        **Star**

uuucuugccuacucaaaaccuacuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuauguacguuuuguuuauggcucugucagccaaccagaggucagaag

| | | | |
|---|---|---|---|
| ....................cuaacuuggaauuguacacA.................................................................... | 8 | 1 | s07 |
| ....................cuaacuuggaauuguacacC.................................................................... | 2 | 1 | s07 |
| ....................cuaacuuggaauuguacacuA................................................................... | 1 | 1 | s07 |
| ....................cuaacuuggaauuguacacuuA.................................................................. | 1 | 1 | s07 |
| .....................uaacuuggaauuguacacA.................................................................... | 1 | 1 | s07 |
| .....................uaacuuggaauuguacacu.................................................................... | 2 | 0 | s07 |
| .......................................uguacaauaccuaaguuauA................................................. | 3 | 1 | s07 |
| .......................................uguacaauaccuaaguuaugu................................................ | 2 | 0 | s07 |
| ..........................................uacaauaccuaaguuauguacgu........................................... | 1 | 0 | s07 |
| | | | |
| ...............cuacuaacuuggaauuguaca........................................................................ | 4 | 0 | s08 |
| ...............cuacuaacuuggaauuguacaU....................................................................... | 1 | 1 | s08 |
| ...............cuacuaacuuggaauuguacac....................................................................... | 1 | 0 | s08 |
| ...............cuacuaacuuggaauuguacacu...................................................................... | 13 | 0 | s08 |
| ...............cuacuaacuuggaauuguacacG...................................................................... | 1 | 1 | s08 |
| ...............cuacuaacuuggaauuguacacA...................................................................... | 1 | 1 | s08 |
| ...............cuacuaacCuggaauuguacacu...................................................................... | 1 | 1 | s08 |
| ...............cuacuaacuuggaauuguacacC...................................................................... | 3 | 1 | s08 |
| ...............cuacuaacuuggaauuguacacuC..................................................................... | 2 | 1 | s08 |
| ................uacuaacuuggaauuguacac....................................................................... | 1 | 0 | s08 |
| ................uacuaacuuggaauuguacacu...................................................................... | 11 | 0 | s08 |
| ................uacuaacuuggaauuguacacC...................................................................... | 6 | 1 | s08 |
| ................uacuaacuuggaauuguacacA...................................................................... | 2 | 1 | s08 |
| ................uacuaacuuggaauuguacacuuuU.................................................................... | 1 | 1 | s08 |
| .................acuaacuuggaauuguacac....................................................................... | 1 | 0 | s08 |
| .................acuaacuuggaauuguacacu...................................................................... | 1 | 0 | s08 |
| .................acuaacuuggaauuguacacA...................................................................... | 3 | 1 | s08 |
| .................acuaacuuggaauuguacacC...................................................................... | 1 | 1 | s08 |
| ...................cuaacuuggaauuguacacu..................................................................... | 2 | 0 | s08 |
| | | | |
| ...............cuacuaacuuggaauuguacacA...................................................................... | 1 | 1 | s15 |
| | | | |
| ...............cuacuaacuuggaauuguaca........................................................................ | 1 | 0 | s06 |
| ...............cuacuaacuuggaauuguacaU....................................................................... | 3 | 1 | s06 |
| ...............cuacuaacuuggaauuguacacA...................................................................... | 3 | 1 | s06 |
| ...............cuacuaacuuggaauuguacaGu...................................................................... | 1 | 1 | s06 |
| ...............cuacuaacuuggaauuguacacC...................................................................... | 2 | 1 | s06 |
| ...............cuacuaacuuggaauuguacacG...................................................................... | 4 | 1 | s06 |
| ...............cuacuaacuuggaauuguacacu...................................................................... | 19 | 0 | s06 |
| ...............cuacuaacuuggaauuguacacuA..................................................................... | 1 | 1 | s06 |
| ...............cuacuaacuuggaauuguacacuu..................................................................... | 2 | 0 | s06 |
| ...............cuacuaacuuggaauuguacacuuu.................................................................... | 2 | 0 | s06 |
| ...............cuacuaacuuggaauuguacacuuuaaagu................................................................ | 3 | 0 | s06 |
| ................uacuaacuuggaauuguacG........................................................................ | 2 | 1 | s06 |
| ................uacuaacuuggaauuguacac....................................................................... | 2 | 0 | s06 |
| ................uacuaacuuggaauuguacGcu...................................................................... | 1 | 1 | s06 |
| ................uacuaacuuggaauuguacacA...................................................................... | 26 | 1 | s06 |
| ................uacuaacuuggaauuguacacC...................................................................... | 2 | 1 | s06 |
| ................uacuaacuuggaauuguacacu...................................................................... | 28 | 0 | s06 |
| ................uacuaacuuggaauuguacaUu...................................................................... | 2 | 1 | s06 |
| ................uacuaacuuggaauuguacacuA..................................................................... | 1 | 1 | s06 |
| ................uacuaacuuggaauuguacacuC..................................................................... | 1 | 1 | s06 |
| ................uacuaacuuggGauuguacacuuu.................................................................... | 1 | 1 | s06 |
| .................acuaacuuggaauuguacac....................................................................... | 1 | 0 | s06 |
| ...................cuaacuuggaauuguacacA..................................................................... | 2 | 1 | s06 |
| ...................cuaacuuggaauuguacacu..................................................................... | 4 | 0 | s06 |
| | | | |
| ..............cuacuaacuuggaauuguacacu....................................................................... | 13 | 0 | s03 |
| ..............cuacuaacuuggaauuguacacA....................................................................... | 2 | 1 | s03 |
| ..............cuacuaacuuggaauuguacacuA...................................................................... | 1 | 1 | s03 |
| ...............uacuaacuuggaauuguacacu....................................................................... | 11 | 0 | s03 |
| ...............Aacuaacuuggaauuguacacu....................................................................... | 1 | 1 | s03 |
| ...............uacuaacuuggaauuguacacA....................................................................... | 8 | 1 | s03 |
| ...............uacuaacuuggaauuguacacuC...................................................................... | 2 | 1 | s03 |
| ...............uacuaacuuggaauuguacacuuu..................................................................... | 2 | 0 | s03 |
| ...............uacuaacuuggaauuguacacuuuaaagu................................................................ | 4 | 0 | s03 |
| ................acuaacuuggaauuguacacA....................................................................... | 2 | 1 | s03 |
| ................acuaacuuggaauuguacacu....................................................................... | 1 | 0 | s03 |
| ................cuaacuuggaauuguacacuuuaaaguguacaauaccuaaguuauguacguuuuguuuauggcucugucagccaaccagaggucagaag..... | 1 | 0 | s03 |