| Provisional ID | : chromosome_3_83113 |
|---|---|
| Score total | : 47603 |
| Score for star read(s) | : 3.9 |
| Score for read counts | : 47595.4 |
| Score for mfe | : 2.1 |
| Score for randfold | : 1.6 |
| Score for cons. seed | : |
| Total read count | : 93368 |
| Mature read count | : 93277 |
| Loop read count | : 0 |
| Star read count | : 91 |





**Star**　　　**Mature**

```
5'- auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau  -3'   obs
    auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau        exp
    ......(((((((..(((((((((((((((.(((((((((((.(.(........)).)))))))))..))))))))))))..)))))((((((.....))))))....   reads  mm   sample
```

| sequence | reads | mm | sample |
|---|---|---|---|
| .................uggcugugccugucgaguu. | 2 | 0 | s17 |
| .................Cggcugugccugucgaguua. | 1 | 1 | s17 |
| .................uggcugugccugucgaguua. | 1 | 0 | s17 |
| .................uggcugugccugucgaguuau. | 9 | 0 | s17 |
| .................uggcugugccugucgaguuGug. | 1 | 1 | s17 |
| .................uggcugugccugucgaguuaug. | 88 | 0 | s17 |
| .................uggcugugccuguAgaguuaug. | 1 | 1 | s17 |
| .................Aggcugugccugucgaguuaug. | 1 | 1 | s17 |
| .................uggcugugccugucgaguuauA. | 3 | 1 | s17 |
| .................uggcugugccCgucgaguuaug. | 1 | 1 | s17 |
| .................uggcugugccugucgGguuaug. | 3 | 1 | s17 |
| .................uggcugugccugucgaCuuaug. | 2 | 1 | s17 |
| .................uggcugugccugucgaguuauC. | 2 | 1 | s17 |
| .................uggcugugccugucgaguuauga. | 1 | 0 | s17 |
| .................uggcugugccugucgaguuaugU. | 2 | 1 | s17 |
| .................uggcugugccugucgaguuaugaU. | 1 | 1 | s17 |
| .................uggcugugccugucgaguuaugacacu. | 3 | 0 | s17 |
| .................uggcugugccugucgaguuaugacacuug. | 2 | 0 | s17 |
| .................ggcugugccugucgaguuaug. | 2 | 0 | s17 |
| .........................uaacuCgauacugcauagcu. | 1863 | 1 | s17 |
| .........................uaacuCgauacugcauagcua. | 4 | 1 | s17 |
| .........................uaacuCgauacugcauagcuag. | 210 | 1 | s17 |
| .........................uaacuCgauacugcauagcuaga. | 450 | 1 | s17 |
| .........................uaacuugauacugcauagcuaga. | 2 | 0 | s17 |
| .........................uaacuCgauacugcauagcuagaa. | 5 | 1 | s17 |
| ..........................aacuCgauacugcauagcu. | 15 | 1 | s17 |
| ..........................aacuCgauacugcauagcuag. | 1 | 1 | s17 |
| .................uggcugugccugucgagu. | 1 | 0 | s01 |
| .................uggcugugccugucgaguuau. | 3 | 0 | s01 |
| .................uggcugugccugucgaguuaug. | 66 | 0 | s01 |
| .................Cggcugugccugucgaguuaug. | 1 | 1 | s01 |
| .................uggcugugccugCcgaguuaug. | 1 | 1 | s01 |

```
auuauuugggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau
```

| Alignment | Count | Flag | Sample |
|---|---|---|---|
| ................................uggcugugccugucgaguuauU................................................................ | 1 | 1 | s01 |
| ................................uggcugugccugucgagCuaug.............................................................. | 1 | 1 | s01 |
| ................................uggcugugccuguAgaguuaug.............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuauA.............................................................. | 2 | 1 | s01 |
| ................................uggcugugccCgucgaguuaug.............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgaguCauga............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgCguuauga............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuUuga............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuaugC............................................................. | 1 | 1 | s01 |
| ................................uggcugAgccugucgaguuauga............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugCcgaguuauga............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgaAuuauga............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuaugU............................................................. | 2 | 1 | s01 |
| ................................uggcugugccugucgGguuauga............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuauga............................................................. | 71 | 0 | s01 |
| ................................uggcugugccugucgaguuaugG............................................................. | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuaugaU............................................................ | 9 | 1 | s01 |
| ................................uggcugugccugucgaguuaugaG............................................................ | 2 | 1 | s01 |
| ................................uggcugugccugucgaguuaugaUa........................................................... | 2 | 1 | s01 |
| ................................uggcugugccugucgaguuaugaAac.......................................................... | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuaugacac.......................................................... | 1 | 0 | s01 |
| ................................uggcugugccugucgaguuaugacacuu........................................................ | 1 | 0 | s01 |
| ................................uggcugugccugucgaguuaugacacuuA....................................................... | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuaugacacuugU...................................................... | 1 | 1 | s01 |
| ................................uggcugugccugucgaguuaugaAacuugc...................................................... | 1 | 1 | s01 |
| ..............................ggcuguAccugucgaguuaug................................................................ | 3 | 1 | s01 |
| ..............................ggcugugccugucgaguuaugaU.............................................................. | 1 | 1 | s01 |
| ...........................ugugccugucgaguuauU...................................................................... | 1 | 1 | s01 |
| ...........................ugugccugucgaguuauga.................................................................... | 2 | 0 | s01 |
| ...........................ugugccugucgaguuaugaU................................................................... | 1 | 1 | s01 |
| ...........................ugugccugucgaguuaugac................................................................... | 3 | 0 | s01 |
| .........................................................Auaacuugauacugcauagcu.................................... | 1 | 1 | s01 |
| .........................................................uaacuCgauacugcauagcu...................................... | 674 | 1 | s01 |
| .........................................................uaacuCgauacugcauagcua..................................... | 1 | 1 | s01 |
| .........................................................uaacuCgauacugcauagcuag.................................... | 148 | 1 | s01 |
| .........................................................uaacuCgauacugcauagcuaga................................... | 201 | 1 | s01 |
| .........................................................uaacuCgauacugcauagcuagaa.................................. | 7 | 1 | s01 |
| ..........................................................aacuCgauacugcauagcu...................................... | 1 | 1 | s01 |
| ..........................................................aacuCgauacugcauagcuag.................................... | 1 | 1 | s01 |
| | | | |
| ..uauuugggguucuugcuuu.............................................................................................. | 1 | 0 | s10 |
| ...................Cuggcugugccugucgaguuaug......................................................................... | 1 | 1 | s10 |
| ................................uggcugugccugucgaguu................................................................ | 4 | 0 | s10 |
| ................................uggcugugccugucgaguua............................................................... | 2 | 0 | s10 |
| ................................uggcugugccugucgaguuau.............................................................. | 9 | 0 | s10 |
| ................................uggcugugccugucgaguuauA............................................................. | 4 | 1 | s10 |
| ................................uggcugugccugucgaguuGug............................................................. | 1 | 1 | s10 |
| ................................uggcugugccugucgaAuuaug............................................................. | 1 | 1 | s10 |
| ................................uggcugugccugucgaguuaug............................................................. | 137 | 0 | s10 |
| ................................uggcugugccuguAgaguuaug............................................................. | 2 | 1 | s10 |
| ................................uggcugugccugucgaguuauC............................................................. | 2 | 1 | s10 |
| ................................uggUugugccugucgaguuaug............................................................. | 3 | 1 | s10 |
| ................................uggcugugccugucgaguuauga............................................................ | 1 | 0 | s10 |
| ................................uggcugugccCgucgaguuauga............................................................ | 1 | 1 | s10 |
| ................................uggcugugccugucgaguuaugacacu........................................................ | 1 | 0 | s10 |
| ................................uggcugugccugucgaguuaugacacuu....................................................... | 2 | 0 | s10 |
| ..................................ggcugugccCgucgaguuaug............................................................ | 1 | 1 | s10 |
| ...................................gcugugccugucgaguuaug............................................................ | 2 | 0 | s10 |
| ...................................gcugugccugucgaguuauA............................................................ | 1 | 1 | s10 |
| .....................................cugugccugucgaguuaug.......................................................... | 1 | 0 | s10 |
| .......................................ugugccugucgaguuaugac....................................................... | 3 | 0 | s10 |
| .........................................................cuaacuCgauacugcauagcu.................................... | 2 | 1 | s10 |
| .........................................................cuaacuCgauacugcauagcuaga................................. | 1 | 1 | s10 |
| .........................................................Caacuugauacugcauagcu...................................... | 1 | 1 | s10 |
| .........................................................uaacuCgauacugcauagcu...................................... | 4676 | 1 | s10 |
| .........................................................uaacuugauacugcauagcG...................................... | 2 | 1 | s10 |
| .........................................................uaacuGgauacugcauagcu...................................... | 2 | 1 | s10 |
| .........................................................uaacuAgauacugcauagcu...................................... | 1 | 1 | s10 |
| auuauuugggguucuugcuuuuggcugugccugucgaguuaugacacuugcuaacuugauacugcauagcu.............................................. | 5 | 0 | s10 |
| .........................................................uaacuCgauacugcauagcua..................................... | 22 | 1 | s10 |

```
auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau

...........................................................uaacuCgauacugcauagcuag.........................................    759   1   s10
...........................................................uaacuGgauacugcauagcuaga........................................    1     1   s10
...........................................................uaacuCgauacugcauagcuaga........................................    2814  1   s10
...........................................................Caacuugauacugcauagcuaga........................................    1     1   s10
...........................................................uaacuugauacugcauagcuaga........................................    5     0   s10
...........................................................uaacuugauacugcauagcuagU........................................    1     1   s10
...........................................................uaacuCgauacugcauagcuagaa.......................................    20    1   s10
..........................................................aacuCgauacugcauagcu............................................    22    1   s10
..........................................................aacuCgauacugcauagcuag..........................................    4     1   s10
..........................................................aacuCgauacugcauagcuaga.........................................    19    1   s10
.................................................................uugauacugcauagcuag......................................    1     0   s10

................uggcugugccugucgaguu...................................................................................    1     0   s14
................uggcugugccugucgaguuau.................................................................................    3     0   s14
................uggcugugccugucAaguuau.................................................................................    1     1   s14
................uggcugugccugucgaguuaug................................................................................    58    0   s14
................uggcugugccugucgaguuauA................................................................................    4     1   s14
................Cggcugugccugucgaguuaug................................................................................    1     1   s14
................uggcugugccugucgaguuauU................................................................................    1     1   s14
................uggcugugccCgucgaguuaug................................................................................    1     1   s14
................uggcugAgccugucgaguuaug................................................................................    2     1   s14
................uggcugugccugucAaguuaug................................................................................    9     1   s14
.....................................................cuaacuCgauacugcauagcuag........................................    1     1   s14
.........................................................uaacuCgauacugcauagcu.........................................    565   1   s14
.........................................................uaacuCgauacugcauagcuag.......................................    115   1   s14
.........................................................uaacuCgauacugcauagcuaga......................................    222   1   s14
.........................................................uaacuCgauacugcauagcuagaa.....................................    1     1   s14
..........................................................aacuCgauacugcauagcu..........................................    5     1   s14
..........................................................aacuCgauacugcauagcuag........................................    1     1   s14
..........................................................aacuCgauacugcauagcuaga.......................................    4     1   s14

.uuauuuggguucuugcuuu.................................................................................................    1     0   s19
................uggcugugccugucgaCuu...................................................................................    2     1   s19
................uggcugugccugucAaguuau.................................................................................    6     1   s19
................uggcugugccugucgaCuuau.................................................................................    55    1   s19
................uggcugugccugucgaCuuaug................................................................................    72    1   s19
................uggcugugccugucAaguuaug................................................................................    16    1   s19
................uggcugugccugucgaCuuauga...............................................................................    4     1   s19
................uggcugugccugucgaCuuaugacacu...........................................................................    2     1   s19
.....................................................cuaacuCgauacugcauagcu..........................................    3     1   s19
.....................................................cuaacuCgauacugcauagcuag........................................    1     1   s19
.........................................................uaacuCgauacugcauagcu.........................................    3439  1   s19
.........................................................uaacuGgauacugcauagcu.........................................    1     1   s19
.........................................................uaacuugauacugcauagcu.........................................    6     0   s19
.........................................................uaacuugauacugcauagcA.........................................    1     1   s19
.........................................................uaacuugCuacugcauagcu.........................................    1     1   s19
.........................................................uaacuCgauacugcauagcua.......................................    3     1   s19
.........................................................uaacuCgauacugcauagcuag.......................................    648   1   s19
.........................................................uaacuuAauacugcauagcuag.......................................    1     1   s19
.........................................................uaacuGgauacugcauagcuaga......................................    1     1   s19
.........................................................uaacuCgauacugcauagcuaga......................................    1158  1   s19
.........................................................uaacuCgauacugcauagcuagaa.....................................    8     1   s19
..........................................................aacuCgauacugcauagcu..........................................    23    1   s19
..........................................................aacuCgauacugcauagcuag........................................    2     1   s19
..........................................................aacuCgauacugcauagcuaga.......................................    6     1   s19

................uggcugugccugucAaguua.................................................................................    3     1   s13
................uggcugugccugucgaguua.................................................................................    1     0   s13
................uggcugugccugucgaguuaC................................................................................    3     1   s13
................uggcugugccugucgaguuau................................................................................    22    0   s13
................uggcugugccugucAaguuau................................................................................    2     1   s13
................uggcugugccugucgaguuaug................................................................................    84    0   s13
................uggcugugccugucgaguuauA................................................................................    5     1   s13
................uggcugCgccugucgaguuaug................................................................................    1     1   s13
................uggcugugccugucgaguuauU................................................................................    2     1   s13
................uggcugugccugucgaguuGug................................................................................    1     1   s13
................uggcugugccugucgaguGaug................................................................................    1     1   s13
................uggcugugccugucAaguuaug................................................................................    25    1   s13
................uggcugugccugucgGguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau          1     1   s13
................uggcugugccuguGgaguuaug................................................................................    1     1   s13
```

Star               Mature

```
                                        Star                    Mature

auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau
.....................uggcugugccugucgaguuaugG.................................................  1      1    s13
.....................uggcugugccugucgaguuauga.................................................  5      0    s13
.....................Cggcugugccugucgaguuaugacacu.............................................  2      1    s13
.....................uggcugugccugucgaguuaugacacA.............................................  1      1    s13
.....................uggcugugccugucgaguuaugacacu.............................................  2      0    s13
.....................uggcugugccugucgaguuaugacacuA............................................  1      1    s13
.....................uggcugugccugucgaguuaugacacuuA...........................................  1      1    s13
.......................ggcugugccugucgaguuau.................................................  2      0    s13
.......................ggcugugccugucgaguuaug................................................  1      0    s13
.......................gcugugccugucgaguuaugacacuuA..........................................  1      1    s13
.........................cugugccugucgaguuau................................................  1      0    s13
.........................cugugccugucgaguuaug...............................................  1      0    s13
.............................................cuaacuCgauacugcauagcuaga......................  1      1    s13
.............................................uaacuCgauacugcauagcu..........................  1965   1    s13
.............................................uaacuugauacugcauagUu.........................  1      1    s13
.............................................uaCcuugauacugcauagcu.........................  1      1    s13
.............................................uaacuGgauacugcauagcu.........................  1      1    s13
.............................................uaacuCgauacugcauagcua........................  9      1    s13
.............................................uaacuCgauacugcauagcuag.......................  440    1    s13
.............................................uaacuugauacugcauagcuaga.....................  2      0    s13
.............................................uaacuCgauacugcauagcuaga.....................  935    1    s13
.............................................uaacuCgauacugcauagcuagaa....................  4      1    s13
..............................................aacuCgauacugcauagcu.........................  14     1    s13
..............................................aacuCgauacugcauagcuag.......................  1      1    s13
..............................................aacuCgauacugcauagcuaga.....................  6      1    s13


.uuauuuggguucuugcuuuu........................................................................  4      0    s12
.uuauuuggguucuugcuuuC........................................................................  3      1    s12
.uuauuuggguucuugcuuuA........................................................................  1      1    s12
..uauuuggguGcuugcuuuu........................................................................  1      1    s12
..uauuuggguucuugcuuuu........................................................................  3      0    s12
....................uggcugugccugucgagu.......................................................  1      0    s12
....................uggcugugccugucgagC.......................................................  1      1    s12
....................uggcugugccugucgaguu......................................................  4      0    s12
....................uggcCgugccugucgaguu......................................................  1      1    s12
....................uggcugugccugucgaguua.....................................................  2      0    s12
....................uggcugugccugucgaguuG.....................................................  2      1    s12
....................uggUugugccugucgaguua.....................................................  1      1    s12
....................uggcugugccugucgaUuuau....................................................  1      1    s12
....................uggcugugccugucgaguuGu....................................................  1      1    s12
....................uggcugugccugucgaguuau....................................................  18     0    s12
....................uggcugugccugucgaguuaC....................................................  1      1    s12
....................uggcugugccugucgaguuaug...................................................  185    0    s12
....................uggcugugccugucgaguuauA...................................................  9      1    s12
....................uggcugugccugucgaguuauU...................................................  4      1    s12
....................uggcugugcAugucgaguuaug...................................................  1      1    s12
....................uggcugugccuguUagaguuaug..................................................  1      1    s12
....................uggcugugccugucgGguuaug...................................................  1      1    s12
....................ugUcugugccugucgaguuaug...................................................  1      1    s12
....................uggcAgugccugucgaguuaug...................................................  1      1    s12
....................uggcugugccugucgaguuaCg..................................................  3      1    s12
....................uggcugugccuguGgaguuaug..................................................  1      1    s12
....................uggcugCgccugucgaguuaug..................................................  3      1    s12
....................uggcugugccugucgaguuauga.................................................  3      0    s12
....................uggcugugccugucgaCuuaugacacu.............................................  3      0    s12
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....................uggcugugccugucgaguuaugacacA.............................................  2      1    s12
....................uggcugugccugucgagCuaugacacu.............................................  1      1    s12
....................uggcugugccugucgaguuaugacacC.............................................  3      1    s12
....................uggcugugccugucgaguuaugacacuC............................................  1      1    s12
....................uggcugugccugucgaguuaugacacuug...........................................  2      0    s12
....................uggcugugccugucgaguuaugacacuugc..........................................  4      0    s12
......................ggcugugccugucgaguuaug.................................................  2      0    s12
.......................gcugugccugucgaguuaug.................................................  2      0    s12
........................cugugccugucgaguuau.................................................  1      0    s12
.............................................cuaacuCgauacugcauagcu.........................  1      1    s12
.............................................uaacuugauacugcauagcu.........................  1      0    s12
auuauuuggguucuugcuuuuggcugugccugucgaguuauga..........uaacuGgauacugcauagcu.........................  2      1    s12
.............................................uaacuCgauacugcauagcu.........................  6291   1    s12
```

```
auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau

.....................................................................uaacuAgauacugcauagcu.................................   3     1   s12
.....................................................................uaacuCgauacugcauagcua................................   21    1   s12
.....................................................................uaacuCgauacugcauagcuag...............................   889   1   s12
.....................................................................uaacuAgauacugcauagcuag...............................   1     1   s12
.....................................................................uaacuugauacugcauagcuaga..............................   4     0   s12
.....................................................................uaacuCgauacugcauagcuaga..............................   2300  1   s12
.....................................................................uaacuCgauacugcauagcuagaa.............................   6     1   s12
......................................................................aacuCgauacugcauagcu.................................   37    1   s12
......................................................................aacuCgauacugcauagcuaga..............................   7     1   s12


.uuauuuggguucuugcuuu.......................................................................................................   1     0   s05
.uuauuugggguucuugcuuuu.....................................................................................................   2     0   s05
..uauuuggguucuugcuuu.......................................................................................................   1     0   s05
...................uggcugugccugucgaCuu....................................................................................   2     1   s05
...................ugUcugugccugucgaguu....................................................................................   1     1   s05
...................uggcugugccugucgaCuua...................................................................................   1     1   s05
...................uggcugugccugucgaguua...................................................................................   1     0   s05
...................uggcugugccugucgaguuau..................................................................................   9     0   s05
...................uggcugugccugucgaCuuau..................................................................................   39    1   s05
...................uggcugugccugucgaAuuaug.................................................................................   1     1   s05
...................uggcugugccugucgCguuaug.................................................................................   1     1   s05
...................Cggcugugccugucgaguuaug.................................................................................   1     1   s05
...................uggcugugccugucgGguuaug.................................................................................   2     1   s05
...................uggcugugAcugucgaguuaug.................................................................................   1     1   s05
...................uggcugugccugucgaCuuaug.................................................................................   44    1   s05
...................uggcugugccugucgaguuauA.................................................................................   4     1   s05
...................uggcugugccugucgaguuaug.................................................................................   84    0   s05
...................uAgcugugccugucgaguuaug.................................................................................   1     1   s05
...................uggcugugccugucgaguuaugU................................................................................   1     1   s05
...................uggcugugccugucgaCuuauga................................................................................   5     1   s05
...................uggcugugccugucgaguuauga................................................................................   3     0   s05
...................uggcugugccugucgaCuuaugacacu............................................................................   1     1   s05
...................uggcugugccugucgaCuuaugacacuu...........................................................................   1     1   s05
...................uggcugugccugucgaguuaugacacuuA..........................................................................   2     1   s05
.....................................................................cuaacuCgauacugcauagcuaga.............................   1     1   s05
.....................................................................uaacuCgauacugcauagcu.................................   1940  1   s05
.....................................................................uaacuugauacugcauagcu.................................   2     0   s05
.....................................................................uaacuAgauacugcauagcu.................................   1     1   s05
.....................................................................uaacuCgauacugcauagcua................................   17    1   s05
.....................................................................uaacuCgauacugcauagcuag...............................   311   1   s05
.....................................................................uaacuCgauacugcauagcuaga..............................   837   1   s05
.....................................................................uaacuCgauacugcauagcuagaa.............................   5     1   s05
......................................................................aacuCgauacugcauagcu.................................   8     1   s05
......................................................................aacuCgauacugcauagcuaga..............................   2     1   s05


...................uggcugugccugucgaguuau..................................................................................   6     0   s18
...................uggcugugccCgucgaguuaug.................................................................................   2     1   s18
...................uggcugugccugucgaguAaug.................................................................................   1     1   s18
...................uggcugugccugucgaguuaug.................................................................................   48    0   s18
...................uggcugugccugucgaguuauA.................................................................................   5     1   s18
...................uggcugugccugGcgaguuaugac...............................................................................   1     1   s18
...................uggcugugccugucgaguuaugacacuugc.........................................................................   1     0   s18
.....................................................................uaacuCgauacugcauagcu.................................   384   1   s18
.....................................................................uaacuCgauacugcauagcua................................   2     1   s18
.....................................................................uaacuCgauacugcauagcuag...............................   102   1   s18
.....................................................................uaacuugauacugcauagcuag...............................   2     0   s18
.....................................................................uaacuugauacugcauagcuaga..............................   1     0   s18
.....................................................................uaacuCgauacugcauagcuaga..............................   856   1   s18
.....................................................................uaacuCgauacugcauagcuagaa.............................   11    1   s18
......................................................................aacuCgauacugcauagcu.................................   3     1   s18
......................................................................aacuCgauacugcauagcuag...............................   1     1   s18
......................................................................aacuCgauacugcauagcuaga..............................   1     1   s18


...................uggcugugccugucgagu.....................................................................................   1     0   s11
...................uggcugugccugucgaguuau..................................................................................   1     0   s11
...................uggcugugccugucgaCuuau..................................................................................   4     1   s11
...................uggcugugccugucgaguuaug.................................................................................   8     0   s11
...................uggcugugccugucgaCuuaug.................................................................................   18    1   s11
...................uggcugugccugucgaguuaAg.................................................................................   1     1   s11
...................uggcugugccugucgaguuauga................................................................................   1     0   s11
```

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auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau
..................ugguugugccugucgaguuaugacacuugc...........................................................    1      0    s11
.......................................uaacuCgauacugcauagcu................................................    343    1    s11
.......................................uaacuCgauacugcauagcua...............................................    2      1    s11
.......................................uaacuCgauacugcauagcuag..............................................    103    1    s11
.......................................uaacuCgauacugcauagcuaga.............................................    127    1    s11
........................................aacuCgauacugcauagcu................................................    1      1    s11


.uuauuugggguucuugcuuu......................................................................................    2      0    s02
.uuauuugggguucuugcuuC......................................................................................    2      1    s02
..uauuugggguucuugcuuu......................................................................................    3      0    s02
..................Cuggcugugccugucgaguuaug.................................................................    1      1    s02
...................uggcugugccugucgaCu.....................................................................    1      1    s02
...................uggcugugccugucgaCuu....................................................................    3      1    s02
...................uggcugugccugucgaguC....................................................................    3      1    s02
...................uggcugugccugucgaguu....................................................................    8      0    s02
...................uggcugugccugucgaguua...................................................................    8      0    s02
...................uggcugugccugucgaCuua...................................................................    8      1    s02
...................uggcugugccugucgaguuaC..................................................................    13     1    s02
...................uggcugugccCgucgaguuau..................................................................    1      1    s02
...................uggcugCgccugucgaguuau..................................................................    4      1    s02
...................uggcugugUcugucgaguuau..................................................................    1      1    s02
...................uggcugugccugucgaCuuau..................................................................    164    1    s02
...................uggcugugccugucgaguuau..................................................................    61     0    s02
...................uggcugugccugucgUguuaug.................................................................    1      1    s02
...................uggcugugccugucgaguuaug.................................................................    455    0    s02
...................uggcugugccugucgCguuaug.................................................................    3      1    s02
...................Cggcugugccugucgaguuaug.................................................................    1      1    s02
...................uggcugugccugucgGguuaug.................................................................    2      1    s02
...................uggcugugccugucgaCuuaug.................................................................    317    1    s02
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...................uggcuAugccugucgaguuaug.................................................................    1      1    s02
...................uggcugugccugucgaUuuaug.................................................................    1      1    s02
...................uggcuguAccugucgaguuaug.................................................................    2      1    s02
...................uggcugugccugucgaguuauA.................................................................    21     1    s02
...................uggcugugccugucgaguuauU.................................................................    6      1    s02
...................uggcugugccugucgaguuUug.................................................................    1      1    s02
...................Aggcugugccugucgaguuaug.................................................................    1      1    s02
...................uggcCgugccugucgaguuaug.................................................................    1      1    s02
...................uggcugugccugucgaguuaGg.................................................................    1      1    s02
...................uggcugugccugucgagAuaug.................................................................    1      1    s02
...................uggcugugccuguAgaguuaug.................................................................    1      1    s02
...................uggcugugccugucgaguuaCg.................................................................    1      1    s02
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...................uggcugugccCgucgaguuaug.................................................................    3      1    s02
...................uggcugugccugucUaguuaug.................................................................    1      1    s02
...................uggcugugccAgucgaguuaug.................................................................    2      1    s02
...................uggcugugccugAcgaguuaug.................................................................    3      1    s02
...................ugAcugugccugucgaguuaug.................................................................    1      1    s02
...................uggcugugccugucgaguuauga................................................................    4      0    s02
...................uggcugugccugucgaguuaugU................................................................    2      1    s02
...................uggcugugccugucgaguuaugC................................................................    1      1    s02
...................uggcugugccugucgaCuuauga................................................................    17     1    s02
...................uggcugugccugucgaCuuaugac...............................................................    1      1    s02
...................uggcugugccugucgaguuaugac...............................................................    1      0    s02
...................uggcugugccugucgaguuaugaA...............................................................    1      1    s02
...................uggcugugccugucgaguuaugaU...............................................................    1      1    s02
...................uggcugugccugucgaguuaugacac.............................................................    1      0    s02
...................uggcugugccugucgaguuaugacacu............................................................    5      0    s02
...................uggcugugccugucgaguuaugacacA............................................................    5      1    s02
...................uggcugugccugucgaguuaugacGcu............................................................    1      1    s02
...................uggcugugccugucgaCuuaugacacu............................................................    8      1    s02
...................uggcugugccugucgaguuaugacacuu...........................................................    1      0    s02
...................uggcugugccugucgaCuuaugacacuu...........................................................    7      1    s02
...................uggcugugccugucgaCuuaugacacuug..........................................................    9      1    s02
...................uggcugugccugucgaguuaugacacuugc.........................................................    5      0    s02
...................uggcugugccugucgaCuuaugacacuugc.........................................................    11     1    s02
auuauuugggguucuugc..ggcugugccugucgaCuuau.acacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau    1      1    s02
...................ggcugugccugucgaguuaug.................................................................    7      0    s02
```

**Star**  **Mature**

auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau

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.....................ggcugugccugucgaguuaGg......................................................  1      1   s02
.....................ggcugugccugucgaCuuaugac...................................................  2      1   s02
......................gcugugccugucgaguuGu.....................................................  1      1   s02
......................gcugugccugucgaguuaug....................................................  4      0   s02
......................gcugugccugucgaguuauA....................................................  1      1   s02
.........................ugugccugucgaguuauA...................................................  1      1   s02
.........................ugugccugucgaguuaugaca...............................................  1      0   s02
.....................................................cuaacuCgauacugcauagcu....................  10     1   s02
.....................................................cuaacuCgauacugcauagcuag..................  3      1   s02
.....................................................cuaacuCgauacugcauagcuaga.................  1      1   s02
.....................................................uaacuugauacugcauagc......................  1      0   s02
.....................................................uaacuuCauacugcauagcu.....................  1      1   s02
.....................................................uaacuAgauacugcauagcu.....................  5      1   s02
.....................................................uaacuugauacugcUuagcu.....................  1      1   s02
.....................................................uaaAuugauacugcauagcu.....................  1      1   s02
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.....................................................uaacuGgauacugcauagcu.....................  2      1   s02
.....................................................uaacuugauacugcauagcu.....................  10     0   s02
.....................................................Gaacuugauacugcauagcu.....................  2      1   s02
.....................................................uaacuCgauacugcauagcua....................  79     1   s02
.....................................................uaacuGgauacugcauagcuag...................  4      1   s02
.....................................................uaacuAgauacugcauagcuag...................  1      1   s02
.....................................................uaacuCgauacugcauagcuag...................  3150   1   s02
.....................................................uaacCgauacugcauagcuag....................  1      1   s02
.....................................................uaacuugauacugcauagcuag...................  1      0   s02
.....................................................Caacuugauacugcauagcuaga..................  2      1   s02
.....................................................uaacuugauacugcauagcuagU...................  3      1   s02
.....................................................uaacuugauGcugcauagcuaga..................  1      1   s02
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.....................................................uaacuGgauacugcauagcuaga..................  2      1   s02
.....................................................uaacuugauacugcauagcuaga..................  6      0   s02
.....................................................uaacuCgauacugcauagcuaga..................  6580   1   s02
.....................................................uaacuCgauacugcauagcuagaa.................  33     1   s02
.....................................................aacuugauacugcauagcu......................  1      0   s02
.....................................................aacuCgauacugcauagcu......................  134    1   s02
.....................................................aacuCgauacugcauagcua.....................  1      1   s02
.....................................................aacuCgauacugcauagcuag....................  21     1   s02
.....................................................aacuCgauacugcauagcuaga...................  51     1   s02

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....................uggcugugccugucgaguC.......................................................  1      1   s06
....................uggcugugccugucgaguua......................................................  1      0   s06
....................uggcugugccugucgaguuaC.....................................................  3      1   s06
....................uggcugugccugucgaUuuau.....................................................  2      1   s06
....................uggcugugccugucgaguuGu.....................................................  1      1   s06
....................uggcugugccugucgaguuau.....................................................  8      0   s06
....................uggcugugccugucgGguuaug....................................................  1      1   s06
....................uggcugugccugucgCguuaug....................................................  1      1   s06
....................Cggcugugccugucgaguuaug....................................................  3      1   s06
....................uggcugugccugucgagGuaug....................................................  1      1   s06
....................uggcugugccugucgagCuaug....................................................  1      1   s06
....................uggcugugccugucgaguuaug....................................................  86     0   s06
....................uggcugugccGgucgaguuaug....................................................  1      1   s06
....................uggcugugccugucgaguuauU....................................................  3      1   s06
....................uggcugugccugucgaCuuaug....................................................  1      1   s06
....................uggUugugccugucgaguuaug....................................................  1      1   s06
....................uAgcugugccugucgaguuaug....................................................  1      1   s06
....................uggcugugccugucgaguuauA....................................................  9      1   s06
....................uggcugugccCgucgaguuaug....................................................  2      1   s06
....................uggcugugccugucgaguuaugC...................................................  1      1   s06
....................uggcugugccugucgaguuaugacacu...............................................  2      0   s06
....................uggcugugccugucgaguuaugacacC...............................................  1      1   s06
.....................................................cuaacuCgauacugcauagcu....................  2      1   s06
.....................................................uaacuCgauacugcauagcu.....................  2603   1   s06
.....................................................uaacuAgauacugcauagcu.....................  1      1   s06
.....................................................uaacuCgauacugcauagcua....................  10     1   s06
.....................................................uaacuugauacugcauagcuag...................  2      0   s06
.....................................................uaacuCgauacugcauagcuag...................  343    1   s06
auuauuugggguucuugcuuuuggcugugccugucgaguuauga...........uaacuCgauacugcauagcuaga..................  693    1   s06
.....................................................uaacuugauacugcauagcuaga..................  1      0   s06
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                    Star                    Mature

auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau
.....................................................uaacuCgauacugcauagcuagaa.................................  2     1   s06
.......................................................aacuCgauacugcauagcu.....................................  10    1   s06
.......................................................aacuCgauacugcauagcuaga..................................  4     1   s06

....................uggcugugccugucgaguu.........................................................................  1     0   s03
....................ugCcugugccugucgaguu.........................................................................  1     1   s03
....................uggcugugccugucgCguu.........................................................................  1     1   s03
....................uggcugugccugucgaguua........................................................................  1     0   s03
....................uggcugugccugucAaguua........................................................................  1     1   s03
....................uggcugugccugucgaguuau.......................................................................  7     0   s03
....................uggcugugccugucgaguuaC.......................................................................  1     1   s03
....................uggcugugccugucAaguuau.......................................................................  2     1   s03
....................uggcugugccugucgaguuauU......................................................................  1     1   s03
....................uggcugugccugucgagAuaug......................................................................  1     1   s03
....................uggcugCgccugucgaguuaug......................................................................  1     1   s03
....................uggcugugccugucgaguuauA......................................................................  4     1   s03
....................uggcugugccuguGgaguuaug......................................................................  1     1   s03
....................uggcugugccugucgaguuaug......................................................................  79    0   s03
....................uggcugugccugucAaguuaug......................................................................  22    1   s03
....................uggcugugccugucgagGuaug......................................................................  1     1   s03
.....................ggcugugccugucgaguuaug......................................................................  2     0   s03
.....................................................cuaacuCgauacugcauagcu.....................................  1     1   s03
......................................................uaacuCgauacugcauagcu......................................  868   1   s03
......................................................uaacuugauacugcauagcu......................................  1     0   s03
......................................................uaacuAgauacugcauagcu......................................  1     1   s03
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......................................................uaacuCgauacugcauagcuag...................................  197   1   s03
......................................................uaacuugauacugcauagcuaga..................................  3     0   s03
......................................................uaacuCgauacugcauagcuaga..................................  1103  1   s03
......................................................uaacuCgauacugcauagcuagaa.................................  3     1   s03
........................................................aacuCgauacugcauagcu....................................  1     1   s03
........................................................aacuCgauacugcauagcuag.................................  1     1   s03
........................................................aacuCgauacugcauagcuaga................................  4     1   s03

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....................uggcugugccCgucgaguuau.......................................................................  1     1   s15
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....................uAgcugugccugucgaguuaug......................................................................  1     1   s15
....................Gggcugugccugucgaguuaug......................................................................  1     1   s15
....................uggcugugccugucgaguuauA......................................................................  1     1   s15
....................uggcugugccugucgaguuaug......................................................................  17    0   s15
....................uggcugugccugucgaguuauga.....................................................................  18    0   s15
....................uggcCgugccugucgaguuauga.....................................................................  2     1   s15
....................uggcugugccugucgaguuaugU.....................................................................  1     1   s15
....................uggcugugccugucgaguuauAa.....................................................................  1     1   s15
....................uggcugugccugucgaguuaugaUa...................................................................  2     1   s15
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.....................ggcugugccugucgaguuaugU.....................................................................  1     1   s15
.......................gcugugccugucgaguuaC......................................................................  1     1   s15
......................................................uaacuCgauacugcauagcu......................................  208   1   s15
......................................................uaacuCgauacugcauagcuag...................................  36    1   s15
......................................................uaacuCgauacugcauagcuaga..................................  46    1   s15
......................................................uaacuCgauacugcauagcuagaa.................................  1     1   s15

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....................uggcugugccugucgaguuau.......................................................................  1     0   s04
....................uggcugugccugucgaguuauA......................................................................  1     1   s04
....................uggcugugccugucgaguuaug......................................................................  6     0   s04
......................................................uaacuCgauacugcauagcu......................................  16    1   s04
......................................................uaacuCgauacugcauagcuag...................................  11    1   s04
......................................................uaacuCgauacugcauagcuaga..................................  26    1   s04
......................................................uaacuCgauacugcauagcuagaa.................................  1     1   s04

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....................uggcugugccugucgaguuau.......................................................................  6     0   s08
....................uggcugugccugucgaguuaC.......................................................................  3     1   s08
....................uggcugugccugAcgaguuau.......................................................................  1     1   s08
....................uggcugugccugucgaguuaCg......................................................................  1     1   s08
....................uggcugugccugucgaguuauU.....................................................................  3     1   s08
....................uggcugCgccugucgaguuaug......................................................................  1     1   s08
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                              Star                    Mature

auuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau
.........................uggcugugccugucgagAuaug.................................................  1    1   s08
.........................uggcugugccugucgaguuauC.................................................  1    1   s08
.........................uggcugugccugucgaguuauA.................................................  6    1   s08
.........................uggcugugccugucgaguuaug.................................................  110  0   s08
.........................uggcugugccugucgaguuaugU................................................  1    1   s08
.........................uggcugugccugucgaguuaugC................................................  1    1   s08
.........................uggcugugccugucgaguuauga................................................  5    0   s08
.........................uggcugugccugucgaguuaugaU...............................................  1    1   s08
.........................uggcugugccugucgaguuaugacacuug..........................................  3    0   s08
.............................gcugugccugucgaguuaug..............................................  1    0   s08
..............................ugugccugucgaguuaugac............................................  3    0   s08
.......................................cuaacuCgauacugcauagcu....................................  1    1   s08
........................................uaacuCgauacugcauagcu....................................  2411 1   s08
........................................uaacuGgauacugcauagcu....................................  1    1   s08
........................................uaacuCgauacugcauagcua...................................  9    1   s08
........................................uaacuCgauacugcauagcuag..................................  376  1   s08
........................................uaacuugauacugcauagcuag..................................  1    0   s08
........................................uaacuGgauacugcauagcuag..................................  1    1   s08
........................................uaacuugauacugcauagcuaga.................................  2    0   s08
........................................uaacuAgauacugcauagcuaga.................................  2    1   s08
........................................uaacuCgauacugcauagcuaga.................................  1166 1   s08
........................................uaaAuugauacugcauagcuaga.................................  1    1   s08
........................................uaacuCgauacugcauagcuagaa................................  3    1   s08
.........................................aacuCgauacugcauagcu....................................  7    1   s08
.........................................aacuCgauacugcauagcuag..................................  2    1   s08
.........................................aacuCgauacugcauagcuaga.................................  6    1   s08


.uuauuuggguucuugcuu............................................................................  3    0   s07
.uuauuuggguucuugcuuu...........................................................................  1    0   s07
..uauuuggguucuugcuuu...........................................................................  2    0   s07
........................uggcugugccugucgaguu....................................................  1    0   s07
........................uggcugugccugCcgaguua...................................................  1    1   s07
........................uggcugugccugucgaguua...................................................  1    0   s07
........................uggcugugccugucAaguua...................................................  1    1   s07
........................uggcugugccugucAaguuau..................................................  6    1   s07
........................uggcugugccugucgaguuaC..................................................  1    1   s07
........................uggcuguAccugucgaguuau..................................................  1    1   s07
........................uggcugugccugucgaguuau..................................................  13   0   s07
........................Gggcugugccugucgaguuau..................................................  1    1   s07
........................uggcugugccugucAaguuaug.................................................  25   1   s07
........................uggcugugccugucgaguCaug.................................................  1    1   s07
........................uggcugugccugucgaguuaug.................................................  192  0   s07
........................uggcugugccugucgaguuaGg.................................................  3    1   s07
........................uggcugugccuguGgaguuaug.................................................  1    1   s07
........................uggcugugccugucgaguuauU.................................................  1    1   s07
........................uggcugugccugucgaguuauC.................................................  1    1   s07
........................uggcuAugccugucgaguuaug.................................................  2    1   s07
........................Cggcugugccugucgaguuaug.................................................  1    1   s07
........................uggcugugcUugucgaguuaug.................................................  1    1   s07
........................uggcugugccugucgaguuauA.................................................  9    1   s07
........................uggcugugccugucgaguuGug.................................................  1    1   s07
........................uggcugugccugucgaguuaCg.................................................  1    1   s07
........................uggcugugccugucgagCuaug.................................................  2    1   s07
........................uggcugCgccugucgaguuaug.................................................  1    1   s07
........................uggcugugccugucgUguuaug.................................................  2    1   s07
........................uggcugugccugucgaguuaugU................................................  2    1   s07
........................uggcugugccugucgaguuauga................................................  3    0   s07
........................uggcugugccugucgaguuaugacacu............................................  5    0   s07
........................uggcugugccugucgaguuaugacacC............................................  2    1   s07
........................uggcugugccugucgaguuaugacacuu...........................................  1    0   s07
........................uggcugugccugucgaguuaugacacAu...........................................  2    1   s07
........................uggcugugccugucgaguuaugacacuuA..........................................  2    1   s07
..........................ggcugugccugucgGguuaug................................................  1    1   s07
..........................ggcugugccugucgaguuaug................................................  1    0   s07
...........................gcugugccugucgaguuaug................................................  1    0   s07
............................cugugccugucgaguuaug................................................  1    0   s07
............................cugugccugucgaguuaAg................................................  1    1   s07
.............................ugugccugucgaguuaugacacA...........................................  1    1   s07
uuauuuggguucuugcuuuuggcugugccugucgaguuaugacacuugcagcc.....cuaacuCgauacugcauagcu.................  4    1   s07
..........................................cuaacuCgauacugcauagcuag...............................  5    1   s07
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**Star**          **Mature**

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auuauuugggguucuugcuuuuggcugugccugucgaguuaugacacuugcagccuaacuugauacugcauagcuagaagcauuaacccacauuucacaaaaugagauggaau
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| Sequence | Count | Flag | Sample |
|---|---|---|---|
| ..................................................cuaacuCgauacugcauagcuaga.................................... | 2 | 1 | s07 |
| ..................................................uaacuGgauacugcauagcu........................................ | 3 | 1 | s07 |
| ..................................................uaacuugauacugcauagcu........................................ | 7 | 0 | s07 |
| ..................................................Caacuugauacugcauagcu........................................ | 1 | 1 | s07 |
| ..................................................uaacuAgauacugcauagcu........................................ | 1 | 1 | s07 |
| ..................................................uaacuCgauacugcauagcu........................................ | 7093 | 1 | s07 |
| ..................................................uaacuCgauacugcauagcua....................................... | 26 | 1 | s07 |
| ..................................................uaacuCgauacugcauagcuag...................................... | 1098 | 1 | s07 |
| ..................................................uaacuCgauacugcauagcuaga..................................... | 3575 | 1 | s07 |
| ..................................................Caacuugauacugcauagcuaga..................................... | 1 | 1 | s07 |
| ..................................................uaacuAgauacugcauagcuaga..................................... | 2 | 1 | s07 |
| ..................................................uaacuugauacugcauagcuaga..................................... | 7 | 0 | s07 |
| ..................................................uaacuCgauacugcauagcuagaa.................................... | 8 | 1 | s07 |
| ...................................................aacuCgauacugcauagcu........................................ | 53 | 1 | s07 |
| ...................................................aacuCgauacugcauagcuag...................................... | 3 | 1 | s07 |
| ...................................................aacuCgauacugcauagcuaga..................................... | 19 | 1 | s07 |
| ..............................................................agcauuaacccacaAuucaca.............. | 2 | 1 | s07 |
| | | | |
| ...............uggcugugccugucgaguuau......................................................... | 19 | 0 | s09 |
| ...............uggcugugccugucgaguuaC......................................................... | 1 | 1 | s09 |
| ...............uggcugugccugucgGguuaug........................................................ | 3 | 1 | s09 |
| ...............uggcugugccugucgaguuaGg........................................................ | 1 | 1 | s09 |
| ...............ugAcugugccugucgaguuaug........................................................ | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuaug........................................................ | 104 | 0 | s09 |
| ...............Cggcugugccugucgaguuaug........................................................ | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuauU........................................................ | 2 | 1 | s09 |
| ...............uggcugugccuAucgaguuaug........................................................ | 1 | 1 | s09 |
| ...............uggcCgugccugucgaguuaug........................................................ | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuauC........................................................ | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuauA........................................................ | 1 | 1 | s09 |
| ...............Aggcugugccugucgaguuaug........................................................ | 4 | 1 | s09 |
| ...............uggcugugUcugucgaguuaug........................................................ | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuGug........................................................ | 2 | 1 | s09 |
| ...............uggcugugccugucgCguuaug........................................................ | 1 | 1 | s09 |
| ...............uggAugugccugucgaguuaug........................................................ | 1 | 1 | s09 |
| ...............uggcugugcAugucgaguuaug........................................................ | 1 | 1 | s09 |
| ...............uggcugugUcugucgaguuauga....................................................... | 2 | 1 | s09 |
| ...............uggcugugccuguGgaguuauga....................................................... | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuauUa....................................................... | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuauga....................................................... | 59 | 0 | s09 |
| ...............uggcugugccugucgaguuaugG....................................................... | 2 | 1 | s09 |
| ...............uggcugugccugucgaguuaugU....................................................... | 2 | 1 | s09 |
| ...............uggcugugccugucgaguuaugaU...................................................... | 1 | 1 | s09 |
| ...............uggcuguAccugucgaguuaugac...................................................... | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuaugac...................................................... | 1 | 0 | s09 |
| ...............uggcugugccugucgaguuaugaA...................................................... | 1 | 1 | s09 |
| ...............uggcugugccugucgaguuaugacacC.................................................. | 1 | 1 | s09 |
| ................ggcugugccugucgaguuaug........................................................ | 1 | 0 | s09 |
| ................ggcugugccugCcgaguuaug........................................................ | 1 | 1 | s09 |
| .................cugugccugucgaguuaug......................................................... | 1 | 0 | s09 |
| ..................ugugccugucgaguuaugaU...................................................... | 6 | 1 | s09 |
| ..................ugugccugucgaguuaugacU..................................................... | 1 | 1 | s09 |
| ..................ugugccugucgaguuaugaUa..................................................... | 13 | 1 | s09 |
| ..................ugugccugucgaguuaugaca..................................................... | 2 | 0 | s09 |
| ..................................................cuaacuCgauacugcauagcu...................................... | 1 | 1 | s09 |
| ..................................................Auaacuugauacugcauagcu...................................... | 3 | 1 | s09 |
| ..................................................uaacuugauacugcauagcG....................................... | 1 | 1 | s09 |
| ..................................................uaacuAgauacugcauagcu....................................... | 1 | 1 | s09 |
| ..................................................uaacuugauacugcauagcu....................................... | 2 | 0 | s09 |
| ..................................................uaacuCgauacugcauagcu....................................... | 1352 | 1 | s09 |
| ..................................................uaacuCgauacugcauagcua...................................... | 9 | 1 | s09 |
| ..................................................uaacuugauacugcauagcuag..................................... | 1 | 0 | s09 |
| ..................................................uaacuCgauacugcauagcuag..................................... | 284 | 1 | s09 |
| ..................................................uaacuugauacugcauagcuaga.................................... | 1 | 0 | s09 |
| ..................................................uaacuCgauacugcauagcuaga.................................... | 762 | 1 | s09 |
| ..................................................uaacuCgauacugcauagcuagaa................................... | 9 | 1 | s09 |
| ...................................................aacuCgauacugcauagcu....................................... | 10 | 1 | s09 |
| ...................................................aacuCgauacugcauagcuaga.................................... | 6 | 1 | s09 |
| | | | |
| ...............uggcugugccugucgaguu........................................................... | 2 | 0 | s16 |

**Star**     **Mature**

auuauuuggguucuugcuuuu ggcugugccugucgaguuauga cacuugcagcc uaacuugauacugcauagcu agaagcauuaacccacauuucacaaaaugagauggaau

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....................uggcugugccugucgaguuU...........................................................  1     1    s16
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....................uggcugugccuAucgaguuaug.........................................................  2     1    s16
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....................uggcugugccugucgaguuauU.........................................................  2     1    s16
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....................uggcugugccugucgaguuauA.........................................................  8     1    s16
....................uggcugugcAugucgaguuaug.........................................................  1     1    s16
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....................uggcugugccugucgaguuaugC........................................................  1     1    s16
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....................uggcugugccugucgaguuaugacacu....................................................  4     0    s16
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...............................................uaacuCgauacugcauagcu................................  2606  1    s16
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