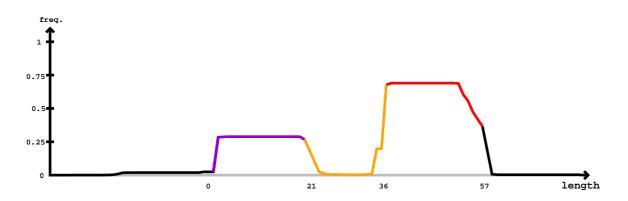| | | |
|---|---|---|
| Provisional ID | : | chromosome_13_578412 |
| Score total | : | 1186.3 |
| Score for star read(s) | : | 3.9 |
| Score for read counts | : | 1179.4 |
| Score for mfe | : | 1.4 |
| Score for randfold | : | 1.6 |
| Score for cons. seed | : | |
| Total read count | : | 2325 |
| Mature read count | : | 1636 |
| Loop read count | : | 0 |
| Star read count | : | 689 |





```
                                                  Star                        Mature
5'- aucaaacugguugcccauuucauuguccucugucacagaguuugggugucugaaucaauuuggaugucaaacaccugaacccugugaaagauuacauuguacagccuggc  -3'   obs
    aucaaacugguugcccauuucauuguccucugucacagaguuugggugucugaaucaauuuggaugucaaacaccugaacccugugaaagauuacauuguacagccuggc        exp
    ........(((((.......((.(((..(((.(((((((.(((((((((((.(((((((......))).))).)))))))))).)))))).))).)))).))..)))))....   reads    mm     sample
    ................................cacagaguuugggugucuga.........................................................     7       0       s04
    ................................cacagaguuugggugucugG.........................................................     2       1       s04
    .......................................................ucaaacaccugaacccug.....................................     1       0       s04
    ..........................................................aaacaccugaacccugugaa..................................     4       0       s04
    ..........................................................aaacaccugaacccugugaaa.................................     1       0       s04

    ................................cacagaguuuggguguAu..........................................................     1       1       s08
    ................................cacagaguuugggugucu..........................................................     1       0       s08
    ................................cacagaguuugggugucuU..........................................................     1       1       s08
    ................................cacagaguuugggugucug..........................................................     1       0       s08
    ................................cacagaguuugggugucuA..........................................................     2       1       s08
    ................................cacagaguuugggugucugC.........................................................     1       1       s08
    ................................cacagaguuugggugucGga.........................................................     1       1       s08
    ................................cacagaguuuUggugucuga.........................................................     1       1       s08
    ................................cacagaguuugggugucuga.........................................................     29      0       s08
    ...............................cGcagaguuugggugucuga.........................................................     2       1       s08
    ................................cacagaguuugggugucugaa........................................................     1       0       s08
    ................................cacagaguuugggugucugaU........................................................     5       1       s08
    ................................cacagaguuugggugucugaauU......................................................     1       1       s08
    ................................cacagaguuugggugucugaauA......................................................     2       1       s08
    ................................cacagaguuugggugucugaauc......................................................     4       0       s08
    .......................................................ucaaacaccugaacccGg.....................................     1       1       s08
    .......................................................ucaaacaccugaacccug.....................................     5       0       s08
    .......................................................ucaaacaccugaacccugA....................................     3       1       s08
    .......................................................ucaaacaccugaacccugu....................................     4       0       s08
    .......................................................ucaaacaccugaacccuUu....................................     2       1       s08
    .......................................................Acaaacaccugaacccugug...................................     1       1       s08
    .......................................................ucaaacaccugaacccugug...................................     4       0       s08
    .......................................................ucaaacaccugaacccugugaaU.................................     1       1       s08
    ..........................................................aaacaccugaacccuguU..................................     1       1       s08
    ..........................................................aaacaccugaacccuguC..................................     1       1       s08
    ..........................................................aaacaccugaacccuguA..................................     2       1       s08
    ..........................................................aaacaccugaacccugug..................................     2       0       s08
```

**Star**   **Mature**

```
aucaaacugguugcccauuucauuguccucugucacagaguuuggggugucugaaucaauuuggaugucuaaacaccugaacccugugaaagauuacauuguacagccuggc
```

| Alignment | Count | Flag | Sample |
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| ...................................................................aaacaccugaacccugugU...................... | 3 | 1 | s08 |
| ...................................................................aaacaccugaacccugugaaU.................... | 41 | 1 | s08 |
| ...................................................................aaacaccugaacccugugaaC.................... | 9 | 1 | s08 |
| ...................................................................aaacaccugaacccugugaaUg................... | 3 | 1 | s08 |
| ....................................................................aacaccugaacccugugaaU................... | 2 | 1 | s08 |
| ...........................................................................................agauuacauuguacagUcugg. | 1 | 1 | s08 |
|  |  |  |  |
| ...........gcccauuucauuguccucugu................................................. | 2 | 0 | s07 |
| ...........cccauuucauuguccucugC.................................................. | 1 | 1 | s07 |
| ...........cccauuucauuguccucugu.................................................. | 4 | 0 | s07 |
| ............ccauuucauuguccucugu.................................................. | 3 | 0 | s07 |
| .........................cacagaguuugggugucu...................................... | 4 | 0 | s07 |
| .........................cacagaguuugggugucA...................................... | 4 | 1 | s07 |
| .........................cacagaguuugggAgucuga.................................... | 1 | 1 | s07 |
| .........................cacagaguuugggugucugU.................................... | 1 | 1 | s07 |
| .........................cacagaguuugggugucuga.................................... | 46 | 0 | s07 |
| .........................cacagaguCgggugucuga..................................... | 1 | 1 | s07 |
| .........................cacagaguuugggugucugaau.................................. | 3 | 0 | s07 |
| .........................cacagaguuugggugucugaaG.................................. | 1 | 1 | s07 |
| .........................cacagaguuugggugucugaauc................................. | 1 | 0 | s07 |
| ..........................acagaguuugggugucuga.................................... | 1 | 0 | s07 |
| ...........................cagaguuugggugucugaauU................................. | 3 | 1 | s07 |
| .............................................caauuuggaugucaaacaccugaacccugu...... | 1 | 0 | s07 |
| ....................................................ugucaaacaccugaacccugug....... | 1 | 0 | s07 |
| ..........................................................ucaaacaccugaacccuA...... | 1 | 1 | s07 |
| ..........................................................ucaaacaccugaacccuC...... | 1 | 1 | s07 |
| ..........................................................ucaaacaccugaacccug...... | 11 | 0 | s07 |
| ..........................................................ucaaacaccugaacccuUu..... | 2 | 1 | s07 |
| ..........................................................ucaaacaccugaacccugu..... | 5 | 0 | s07 |
| .............................................................aaacaccugaacccuguA.... | 3 | 1 | s07 |
| .............................................................aaacaccugaacccugug.... | 1 | 0 | s07 |
| .............................................................aaacaccugaacccugugU... | 1 | 1 | s07 |
| .............................................................aaacaccugaacccugGga... | 1 | 1 | s07 |
| ............................................................aaCcaccugaacccuguga.... | 1 | 1 | s07 |
| .............................................................aacaccugaacccuguga.... | 3 | 0 | s07 |
| .............................................................aaacaccugaacccugugC... | 1 | 1 | s07 |
| .............................................................aaacaccugaacccugugaa.. | 7 | 0 | s07 |
| .............................................................aaacaccugaacccugugaU.. | 4 | 1 | s07 |
| .............................................................aaacaccugaacccugugaaC. | 5 | 1 | s07 |
| .............................................................aaacaccugaacccugugaaU. | 50 | 1 | s07 |
| .............................................................aaacaccugaacccugugaaa. | 2 | 0 | s07 |
| .............................................................aaacaccugaacccugugaaU. | 2 | 1 | s07 |
| .............................................................aaacaccugaacccugugaaaga. | 1 | 0 | s07 |
| ..............................................................aacaccugaacccuguga.... | 1 | 0 | s07 |
| ..............................................................aacaccugaacccugugaaU.. | 2 | 1 | s07 |
| ...........................................................................agauuacauuguacagccugg. | 3 | 0 | s07 |
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| .........................cacagaguuugggugucA...................................... | 1 | 1 | s09 |
| .........................cacagaguuugggugucu...................................... | 5 | 0 | s09 |
| .........................cacagaguuugggugucugG.................................... | 1 | 1 | s09 |
| .........................cacagaguuugggugucugC.................................... | 1 | 1 | s09 |
| .........................cacagaguuugggugucuga.................................... | 21 | 0 | s09 |
| .........................cacagaguuugggugucugaU................................... | 6 | 1 | s09 |
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| ..........................................................ucaaacaccugaacccug...... | 7 | 0 | s09 |
| ..........................................................ucaaacaccugaacccuAu..... | 1 | 1 | s09 |
| ..........................................................ucaaacaccugaacccugug..... | 1 | 0 | s09 |
| .............................................................aaacaccugaacccuguA.... | 1 | 1 | s09 |
| .............................................................aaacaccugaacccugug.... | 2 | 0 | s09 |
| .............................................................aaacaccugaacccuguga... | 5 | 0 | s09 |
| .............................................................aaacaccugaacccugugaU.. | 2 | 1 | s09 |
| .............................................................aaacaccugaacccugugaa.. | 2 | 0 | s09 |
| .............................................................aaacaccugaacccugugaaC. | 1 | 1 | s09 |
| .............................................................aaacaccugaacccugugaaa. | 1 | 0 | s09 |
| .............................................................aaacaccugaacccugugaaG. | 1 | 1 | s09 |
| .............................................................aaacaccugaacccugugaaU. | 19 | 1 | s09 |
| ..............................................................aacaccugaacccugugaaU. | 1 | 1 | s09 |
|  |  |  |  |
| ..........ugccUauuucauuguccucugu................................................. | 1 | 1 | s06 |

```
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..............................................cacagaguuugggugucu.......................................................    5    0    s06
..............................................cacagaguuugggugucugU......................................................    1    1    s06
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..............................................cacagaguuugggugucugaU....................................................    1    1    s06
..............................................cacagaguuugggugucugaUu...................................................    1    1    s06
..............................................cacagaguuugggugucugaaC...................................................    2    1    s06
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...............................................................ucaaacaccugaacccuC......................................    1    1    s06
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...................................................................aaacaccugaacccugugaUa...............................    2    1    s06
...................................................................aaacaccugaacccugugaaUga............................    2    1    s06

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...................................................................aaacaccugaacccugugaU................................    4    1    s16
...................................................................aaacaccugaacccugugaaC...............................    2    1    s16
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...................................................................aaacaccugaacccugugaaaU..............................    3    1    s16
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aucaaacugguugcccauuucauuguccucugucacagaguuuggggugucugaaucaauuuggaugucaaacaccugaacccugugaaagauuacauuguacagccuggc
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..........................................................................aacaccugaacccugugaaU....................   2    1    s16

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.............................cacagaguuuggggugucugaU..............................................................   2    1    s14
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............................cacagaguuuggggugucuA.................................................................   1    1    s19
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............................................................ucaaacaccugaacccugu..................................   7    0    s19
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............................................................ucaaacacUugaacccugug................................   1    1    s19
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............................cacagaguuuggggugucuA.................................................................   2    1    s13
............................cacagaguuuggggugucuC.................................................................   2    1    s13
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................................................................aaacaccugaacccuguga..............................  15    0    s13
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................................................................aaacaccugaacccugugaa.............................   5    0    s13
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aucaaacugguugcccauuucauuguccucugucacagaguuugggugucugaaucaauuuggaugucaaacaccugaacccugugaagauuacauuguacagccuggc

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.....................................cacagaguuugggugucugaU......................................   1   1   s01
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........................................................ucaaacaccuCaacccug......................   2   1   s01
........................................................ucaaacaccugaacccuA......................   7   1   s01
........................................................ucaaacaccugaacccug......................  12   0   s01
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.............................................................aaacaccugaacccugugaa...............   1   0   s01
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.............................................................aaacaccugaacccugugaaC..............   2   1   s01
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.............................................................aaacaccugaacccugugaaU..............  22   1   s01

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............................ugucacagaguuugggugucuga.............................................   5   0   s10
............................ugucacagaguuugggugucugaU............................................   1   1   s10
.................................cacagaguuugggugucA.............................................   3   1   s10
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.................................cacagaguuugggugucug............................................   1   0   s10
.................................cacagaguuugggugucuUa...........................................   1   1   s10
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.................................cacagaguuugggugucugU...........................................   4   1   s10
.................................cacagaguuugggugucugaU..........................................   7   1   s10
.................................cacagaguuugggugucugaC..........................................   1   1   s10
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.................................cacagaguuugggugucugaau.........................................   1   0   s10
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............................................................aaacaccugaacccugugaa................   6   0   s10
............................................................aaacaccugaacccugugaaC...............   6   1   s10
............................................................aaacaccugaacccugugaaa...............   1   0   s10
............................................................aaacaccugaacccugugaaU...............  48   1   s10
............................................................aaacaccugaacccugugaaaU..............   1   1   s10
............................................................aaacaccugaacccugugaaag..............   1   0   s10
............................................................aaacaccugaacccugugaaUg..............   1   1   s10
............................................................aaacaccugaacccugugaaagU.............   3   1   s10
............................................................aaacaccugaacccugugaaaga............   2   0   s10
.............................................................aacaccugaacccugugaa................   1   0   s10
.............................................................aacaccugaacccugugaaU...............   1   1   s10

.................................cacagaguuugggugucu.............................................   1   0   s11
aucaaacugguugcccauuucauuguccucugucacagaguuugggugucugaaucaauuuggaugucaaacaccugaacccugugaagauuacauuguacagccuggc   1   0   s11
.................................cacagaguuugggugucuga...........................................   1   0   s11
```

```
aucaaacugguugcccauuucauuguccucugucacagaguuugggugucugaaucaauuuggaugucaaacaccugaacccugugaaagauuacauuguacagccuggc
```

| Sequence | Count | Flag | Sample |
|---|---|---|---|
| .................................................cacagaguuugggugucugU............................................ | 1 | 1 | s11 |
| .................................................cacagaguuugggugucugaU........................................... | 4 | 1 | s11 |
| ..........................................................................ucaaacaccugaacccug....................... | 1 | 0 | s11 |
| ..........................................................................ucaaacaccugaacccugu...................... | 1 | 0 | s11 |
| ..........................................................................ucaaacaccugaacccugGg..................... | 1 | 1 | s11 |
| ..........................................................................ucaaacaccugaacccugugaa.................. | 1 | 0 | s11 |
| ...............................................................................aaacaccugaacccugug................. | 4 | 0 | s11 |
| ...............................................................................aaacaccugaacccugaa................. | 1 | 0 | s11 |
| ...............................................................................aaacaccugaacccugaaa................ | 1 | 0 | s11 |
| ...............................................................................aaacaccugaacccugaaU................ | 4 | 1 | s11 |
| ...............................................................................aaacaccugaacccugaaC................ | 3 | 1 | s11 |
| ................................................................................aacaccugaacccugaa................. | 2 | 0 | s11 |
| | | | |
| .........uugcccauuucaCuguccucugu.................................................................... | 1 | 1 | s02 |
| ...........ugcccauuucauuguccucugu.................................................................. | 1 | 0 | s02 |
| ..............gcccauuucauuguccucugu................................................................ | 6 | 0 | s02 |
| ..............gcccauuucauuguccucugC................................................................ | 2 | 1 | s02 |
| ...............cccauuucauuguccucugC................................................................ | 1 | 1 | s02 |
| ...............cccauuucauCguccucugu................................................................ | 2 | 1 | s02 |
| ...............cccauuucauuguccucugu................................................................ | 9 | 0 | s02 |
| ................ccauuucauuguccucugu................................................................ | 1 | 0 | s02 |
| .................cauuucauuguccucugC................................................................ | 1 | 1 | s02 |
| .................................cacagaguuugggugucC................................................ | 2 | 1 | s02 |
| .................................cacagaguuuggguguAu................................................ | 1 | 1 | s02 |
| .................................cacagaguuugggugucuU............................................... | 2 | 1 | s02 |
| .................................cacagGguuugggugucug............................................... | 1 | 1 | s02 |
| .................................cacagaguuugggugucug............................................... | 7 | 0 | s02 |
| .................................cacagGguuugggugucuga.............................................. | 1 | 1 | s02 |
| .................................cacagaguuugggugucGga.............................................. | 1 | 1 | s02 |
| .................................cacagaguuugggugucuga.............................................. | 66 | 0 | s02 |
| .................................cacagaguuugggugucCga.............................................. | 3 | 1 | s02 |
| .................................cacagaguuugggugucugU.............................................. | 1 | 1 | s02 |
| .................................cacagaguuugggugucugaU............................................. | 19 | 1 | s02 |
| .................................cacagaguuugggugucugaUu............................................ | 5 | 1 | s02 |
| .................................cacagaguuugggugucugaau............................................ | 10 | 0 | s02 |
| .................................cacagaguuugggugucugaaucaG......................................... | 2 | 1 | s02 |
| ..................................cagaguuugggugucugaaucaUu......................................... | 1 | 1 | s02 |
| ...........................................................aGgucaaacaccugaacccugu.................. | 1 | 1 | s02 |
| ...........................................................aGgucaaacaccugaacccugug................. | 1 | 1 | s02 |
| ...............................................................gucaaacaccugaacccugug............... | 1 | 0 | s02 |
| ..................................................................ucaaacaccugaacccug................ | 3 | 0 | s02 |
| ..................................................................ucaaacaccugaacccugu............... | 32 | 0 | s02 |
| ..................................................................ucaaacaccugaacccAgu............... | 1 | 1 | s02 |
| ..................................................................ucaaacaccugGacccugu............... | 1 | 1 | s02 |
| ..................................................................ucaaacaccugaacccCgu............... | 1 | 1 | s02 |
| ..................................................................ucaaacaccugaacccugC............... | 7 | 1 | s02 |
| ..................................................................ucaaacGccugaacccugu............... | 1 | 1 | s02 |
| ..................................................................ucaaacaccCgaacccugu............... | 1 | 1 | s02 |
| ..................................................................ucaaacaccugaacccuguC.............. | 1 | 1 | s02 |
| ..................................................................ucaaacUccugaacccugug.............. | 1 | 1 | s02 |
| ..................................................................ucaaacaccugaacccugug.............. | 42 | 0 | s02 |
| ..................................................................ucaaacaccugaacccuguA.............. | 6 | 1 | s02 |
| ..................................................................ucaaacaccugGacccugug.............. | 1 | 1 | s02 |
| ..................................................................ucaaacaccugaacccuguU.............. | 1 | 1 | s02 |
| ..................................................................ucaaacaccugaacccugGg.............. | 3 | 1 | s02 |
| ..................................................................ucaaacaccugaacccuguga............. | 1 | 0 | s02 |
| ..................................................................ucaaacaccugaacccAguga............. | 1 | 1 | s02 |
| ..................................................................ucaaacaccugaacccugugaa........... | 2 | 0 | s02 |
| ..................................................................ucaaacaccugaacccugugaU........... | 1 | 1 | s02 |
| ..................................................................ucaaacaccugaacccugugaaU.......... | 8 | 1 | s02 |
| ...................................................................caaacaccugaacccugugaaU.......... | 3 | 1 | s02 |
| ...................................................................aaacaccugaacccugCg.............. | 1 | 1 | s02 |
| ...................................................................aaacaccugaacccugug.............. | 21 | 0 | s02 |
| ...................................................................aaacaccugaacccuguA.............. | 18 | 1 | s02 |
| ...................................................................aaacaccugGacccugug.............. | 1 | 1 | s02 |
| ...................................................................aaacaccugaacccuguG.............. | 1 | 1 | s02 |
| ...................................................................aaacaccugaacccuguga............. | 28 | 0 | s02 |
| ...................................................................aaacaccugaacccuguU.............. | 1 | 1 | s02 |
| aucaaacugguugcccauuucauuguccucugucacagaguuugggugucugaaucaauuuggaugucaaacGccugaacccugugaagauuacauuguacagccuggc | 1 | 1 | s02 |
| ...................................................................aaacaccugaacccugugaa............. | 18 | 0 | s02 |

**Star**              **Mature**

aucaaacugguugcccauuucauuguccucugucacagaguuugggugucugaaucaauuuggaugucaaacaccugaacccugugaagauuacauuguacagccuggc

| | | | |
|---|---|---|---|
| ............................................................aGacaccugaacccugugaa..................... | 1 | 1 | s02 |
| ............................................................aaacaccugaacccugugaU..................... | 17 | 1 | s02 |
| ............................................................aaacaccugaacccugugGa..................... | 2 | 1 | s02 |
| ............................................................aaacaccugaacccugugaC..................... | 3 | 1 | s02 |
| ............................................................aaacaccugaacccugugaUa.................... | 5 | 1 | s02 |
| ............................................................aaacaccugaacccugugaaC.................... | 33 | 1 | s02 |
| ............................................................aaacaccugaacccugugaaU.................... | 158 | 1 | s02 |
| ............................................................aaacaccugaacccugugaaa.................... | 3 | 0 | s02 |
| ............................................................aaacaccugaacccugugaaG.................... | 1 | 1 | s02 |
| ............................................................aaacaccugaacccugugaCa.................... | 2 | 1 | s02 |
| ............................................................aaacaccugaacccugugaaUg................... | 1 | 1 | s02 |
| ............................................................aaacaccugaacccugugaaaU................... | 1 | 1 | s02 |
| .............................................................aacaccugaacccugugaU..................... | 3 | 1 | s02 |
| .............................................................aacaccugaacccugugaaU.................... | 3 | 1 | s02 |
| .......................................................................................agauuacauuguacagUcugg. | 3 | 1 | s02 |
| | | | |
| ...........gcccauuucauuguccucugu................................................................. | 1 | 0 | s05 |
| ............cccauuucauuguccucugC................................................................. | 2 | 1 | s05 |
| ..........................ugucacagaguuugggugucuga................................................ | 2 | 0 | s05 |
| ..............................cacagaguuugggugucuga............................................... | 19 | 0 | s05 |
| ..............................cacagaguuugggugucugU............................................... | 5 | 1 | s05 |
| ..............................cacagaguuugggugucugG............................................... | 1 | 1 | s05 |
| ..............................cacagaguuugggugucugaU.............................................. | 5 | 1 | s05 |
| ..............................cacagaguuugggugucugaUu............................................. | 2 | 1 | s05 |
| ...................................................gucaaacaccugaacccug.......................... | 1 | 0 | s05 |
| ...................................................gucaaacaccugaacccugCg........................ | 2 | 1 | s05 |
| .....................................................ucaaacaccugaacccug.......................... | 5 | 0 | s05 |
| .....................................................ucaaacaccugaacccugA......................... | 1 | 1 | s05 |
| .....................................................ucaaacaccugaacccugug........................ | 5 | 0 | s05 |
| .....................................................ucaaacaAcugaacccugug........................ | 1 | 1 | s05 |
| .....................................................ucaaacaccugaacccuguA......................... | 3 | 1 | s05 |
| .....................................................ucaaacaccugaacccugugaaU..................... | 2 | 1 | s05 |
| ...........................................................aaacaccugaacccugug..................... | 1 | 0 | s05 |
| ...........................................................Gaacaccugaacccugug..................... | 1 | 1 | s05 |
| ...........................................................aaacaccugaacccuguga.................... | 3 | 0 | s05 |
| ...........................................................aaacaccugaacccugugaa................... | 7 | 0 | s05 |
| ...........................................................aaacaccugaacccugugCa................... | 1 | 1 | s05 |
| ...........................................................aaacaccugaacccugugaC................... | 1 | 1 | s05 |
| ...........................................................aaacaccugaacccugugaU................... | 3 | 1 | s05 |
| ...........................................................aaacaccugaacccugugaaC.................. | 2 | 1 | s05 |
| ...........................................................aaacaccugaacccugugaaU.................. | 39 | 1 | s05 |
| | | | |
| ..........................cacagaguuugggugucuga................................................... | 11 | 0 | s18 |
| ..........................cacagaguuugggugucugaU.................................................. | 1 | 1 | s18 |
| .....................................................ucaaacaccugaacccugA......................... | 2 | 1 | s18 |
| ...........................................................aaacaccugaacccugug..................... | 1 | 0 | s18 |
| ...........................................................aaacaccugaacccugugaa................... | 1 | 0 | s18 |
| ...........................................................aaacaccugaacccugugaaU.................. | 3 | 1 | s18 |
| ............................................................aacaccugaacccugugaaU.................. | 1 | 1 | s18 |