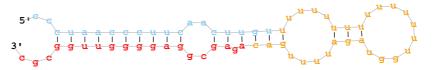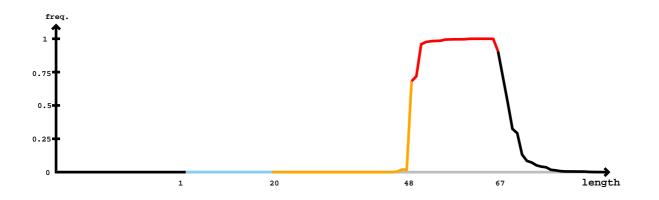| Provisional ID | : Montipora_capitata_HIv3___Scaffold_13_973504 |
|---|---|
| Score total | : 1.1 |
| Score for star read(s) | : -1.3 |
| Score for read counts | : 0 |
| Score for mfe | : 0.8 |
| Score for randfold | : 1.6 |
| Score for cons. seed | : |
| Total read count | : 2192 |
| Mature read count | : 2192 |
| Loop read count | : 0 |
| Star read count | : 0 |





```
                                                                                                                        exp
5'- caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuugguagauuuugacagagcggaggggguuggcgcagugguaagaucucugccuucc  -3'   exp
    ....(((..((((((((((.(.((.(.((.(((((((((..(((((((....(((...........)))....)))).)).)))))))))).))).).).))).)))))).))).  reads   mm   sample
    ................................................................Aacagagcggaggggguuggcgcag...................   1     1    s23
    ................................................................acagagcggaggggguuggcgc.....................   3     0    s23
    ................................................................acaAagcggaggggguuggcgcag...................   1     1    s23
    ................................................................acaAagcggaggggguuggcgcaguggguaag............   1     1    s23
    .................................................................agagcggaggggguuggcg......................  27     0    s23
    .................................................................agagcggCggggguuggcgc.....................   1     1    s23
    .................................................................agagcggaggggguuggcgc.....................  151    0    s23
    .................................................................agagGggaggggguuggcgc.....................   1     1    s23
    .................................................................agagcggaggggguugAcgc.....................   3     1    s23
    .................................................................agagcggaggggguuggcgca....................   2     0    s23
    .................................................................agagGggaggggguuggcgca....................   1     1    s23
    .................................................................agagcggaggggguuggcgcag...................  20     0    s23
    .................................................................agagcggaggggguuggcgcagu..................   1     0    s23
    .................................................................agagcggaggggguuggcgcaguA.................   4     1    s23
    .................................................................agagcggaggggguuggcgcagug.................  14     0    s23
    .................................................................agagcggaggggguuggcgcaguAg................   1     1    s23
    .................................................................agagcggaggggguuggcgcagugC................   2     1    s23
    .................................................................agagcggaggggguuggcgcagugg................   2     0    s23
    .................................................................agagcggaggggguuggcgcagugA................   2     1    s23
    .................................................................agagcggaggggguuggcgcaguggA...............   3     1    s23
    .................................................................agagcggaggggguuggcgcaguggua..............   1     0    s23
    .................................................................agagcggaggggguuggcgcaguggAa..............   3     1    s23
    .................................................................agagcggaggggguuggcgcagugguaaga...........   2     0    s23
    .................................................................agagcggaggggguuggcgcagugguaagau..........   1     0    s23
    ..................................................................gagcggaggggguuggcgc.....................  14     0    s23
    ..................................................................gagcggaggggguuggcgcag...................   1     0    s23
    ..................................................................gagcggaggggguuggcgcagugA................   1     1    s23
    ..................................................................gagcggaggggguuggcgcagugg................   1     0    s23
    ..................................................................gagcggaggggguuggcgcaguggu...............   1     0    s23
    ...................................................................agcggaggggguuggcgca....................   2     0    s23
    ...................................................................agcggaggggguuggcgcag...................   3     0    s23
    ...................................................................agcggaggggguuggcgcCg...................   1     1    s23
    ...................................................................agcggaggggguuggcgcagu..................   4     0    s23
    ...................................................................agcggaggggguuggcgcCgug................    2     1    s23
```

```
caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuugguagauuuugacagagcggaggggguugcgcgcagugguaagaucucugccuucc
```

| Read | n1 | n2 | Sample |
|---|---|---|---|
| agcggaggggguugcgcgcagCg | 1 | 1 | s23 |
| agcggaggggguugcgcgcagug | 11 | 0 | s23 |
| agcggaggggguugcgcgcagugg | 2 | 0 | s23 |
| agcggaggggguugcgcgcCguggu | 1 | 1 | s23 |
| agcggaggggguugcgcgcaguggu | 2 | 0 | s23 |
| agcggaggggguugcgcgcagugguU | 1 | 1 | s23 |
| agcggaggggguugcgcgcagugguaagauA | 1 | 1 | s23 |
| gcggaggggguugcgcgcag | 1 | 0 | s23 |
| gcggaggggguugcgcgcagu | 1 | 0 | s23 |
| cggaggggguugcgcgcagug | 1 | 0 | s23 |
| ggaggggguugcgcgcagug | 2 | 0 | s23 |
| ggaggggguugcgcgcaggua | 1 | 0 | s23 |
| aggggguugcgcgcagugguaagauc | 2 | 0 | s23 |
| aggggguugcgcgcagugguaagaucucugcc | 3 | 0 | s23 |
| aggggguugcgcgcagugguaagaucucugcA | 1 | 1 | s23 |
| uuggcgcgcagugguaagaucucugccuuc | 1 | 0 | s23 |
| Aacagagcggaggggguuggc | 1 | 1 | s52 |
| Aacagagcggaggggguuggcgca | 1 | 1 | s52 |
| acGgagcggaggggguuggcg | 1 | 1 | s52 |
| acagagcggaggggguugcgcgA | 1 | 1 | s52 |
| acagagcggaggggguugcgcgcag | 1 | 0 | s52 |
| acagagcggaggggguugcgcgcagug | 1 | 0 | s52 |
| acaAagcggaggggguugcgcgcaguggu | 1 | 1 | s52 |
| agagGggaggggguugcgcg | 2 | 1 | s52 |
| agagcggaggggguugcgcg | 27 | 0 | s52 |
| agagcggagggggUugAcgc | 1 | 1 | s52 |
| agagcggaggggCuggcgc | 1 | 1 | s52 |
| agagGggaggggguugcgcgc | 1 | 1 | s52 |
| agagcggaggggguugcgcgc | 67 | 0 | s52 |
| agagcggaggggguugcgcgUa | 1 | 1 | s52 |
| agagcggaggggguugcgcgca | 8 | 0 | s52 |
| agagcggaggggguugcgcgcag | 14 | 0 | s52 |
| agagcggaggggguugcgcgcagu | 3 | 0 | s52 |
| agagcggCggggguugcgcgcagu | 1 | 1 | s52 |
| agagcggaggggguugcgcgcagug | 13 | 0 | s52 |
| agagcggaggggguugcgcgcaguA | 6 | 1 | s52 |
| agagAggaggggguugcgcgcagug | 1 | 1 | s52 |
| agagcggaggggguugcgcgcCgugg | 1 | 1 | s52 |
| agagcggaggggguugcgcgcagugA | 1 | 1 | s52 |
| agagcggaggggguugcgcgcagugU | 2 | 1 | s52 |
| agagcggaggggguugcgcgcagugg | 2 | 0 | s52 |
| agagcggaggggguugcgcgcaguggu | 1 | 0 | s52 |
| agagcggaggggguugcgcgcaguAgua | 1 | 1 | s52 |
| agagcggaggggguugcgcgcaguggua | 1 | 0 | s52 |
| agagcggaggggguugcgcgcagugguaag | 2 | 0 | s52 |
| agagcggaggggguugcgcgcagugguaaga | 2 | 0 | s52 |
| agagcggCggggguugcgcgcagugguaaga | 1 | 1 | s52 |
| agagcggaggggguugcgcgcaguAguaaga | 1 | 1 | s52 |
| agagcggaggggguugcgcgcagugguaagau | 1 | 0 | s52 |
| gagcggaggggguugcgcgc | 9 | 0 | s52 |
| gagcggaggggguugcgcgcag | 1 | 0 | s52 |
| gagcggaggggguugcgcgcagug | 1 | 0 | s52 |
| gagcggaggggguugcgcgcagugU | 1 | 1 | s52 |
| gagcggaggggguugcgcgcagugguaaga | 1 | 0 | s52 |
| agcggaggggguugcgcgca | 15 | 0 | s52 |
| agcggCggggguugcgcgca | 1 | 1 | s52 |
| agcggaggggguugcgcgcCg | 1 | 1 | s52 |
| agcggaggggguugcgcgcag | 11 | 0 | s52 |
| agcggaggggguugcgcgcagu | 3 | 0 | s52 |
| agcggaggggguugcgcgcagug | 11 | 0 | s52 |
| gcggaggggguugcgcgcag | 3 | 0 | s52 |
| gcggaggggguugcgcgcagu | 1 | 0 | s52 |
| gcggaggggguugcgcgcagug | 1 | 0 | s52 |
| gcggaggggguugcgcgcagugguaag | 1 | 0 | s52 |
| gcggagggUuugcgcgcagugguaagauc | 1 | 1 | s52 |
| gcggaggggguugcgcgcagugguaagauc | 1 | 0 | s52 |
| cggaggggguugcgcgcagu | 1 | 0 | s52 |
| caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuugguagauuuugac......gagggguugcgcgcagugguaagaucucug...... | 1 | 0 | s52 |
| aggggguugcgcgcagugguU | 1 | 1 | s52 |

```
caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuuugguagauuuugacagagcggaggggguuggcgcagugguaagaucucugccuucc
```

| Sequence | Count | X | ID |
|---|---|---|---|
| ..............................................................................gggguuggcgcagugguaagaucucugccu... | 1 | 0 | s52 |
| ..................................................................................guuggcgcagugguaagau........... | 1 | 0 | s52 |
| .................................................................................uuggcgcagugguaagaucucugccuu.. | 1 | 0 | s52 |
| ............................................................................gacagagcggaggggguuggcg............. | 1 | 0 | s72 |
| ...........................................................................Aacagagcggaggggguuggcgc............ | 2 | 1 | s72 |
| ............................................................................acUgagcggaggggguuggcg............. | 2 | 1 | s72 |
| ............................................................................acaAagcggaggggguuggcgc............ | 1 | 1 | s72 |
| ..............................................................................acagagcggagggguuggcgcagugug...... | 2 | 0 | s72 |
| ..............................................................................acagagcggagggguuggcgcagugugU..... | 1 | 1 | s72 |
| ................................................................................agagcggagggguuggcg............. | 25 | 0 | s72 |
| ................................................................................agagcggagggguugAcgc........... | 2 | 1 | s72 |
| ................................................................................agagcggagggguuggcgG........... | 1 | 1 | s72 |
| ................................................................................agagcggagggguuggcgc........... | 58 | 0 | s72 |
| ................................................................................agagcggaUggguuggcgc........... | 1 | 1 | s72 |
| ................................................................................agagcggagggAuuggcgc........... | 1 | 1 | s72 |
| ................................................................................agagcggagggguuggcgca.......... | 13 | 0 | s72 |
| ................................................................................agagcggagggguuggcgcC.......... | 1 | 1 | s72 |
| ................................................................................agagcggCgggguuggcgca.......... | 1 | 1 | s72 |
| ................................................................................agagcggagggguuggcgcag......... | 15 | 0 | s72 |
| ................................................................................agagcggagggguuggcgcagu........ | 7 | 0 | s72 |
| ................................................................................agagcggagggguuggcgcagAg....... | 1 | 1 | s72 |
| ................................................................................agagcggaggggUCggcgcagug....... | 1 | 1 | s72 |
| ................................................................................agagcggagggguuggcgcagug....... | 35 | 0 | s72 |
| ................................................................................agagcggagggguuggcgcaguA....... | 3 | 1 | s72 |
| ................................................................................agagcggagggguuggcgcaguU....... | 2 | 1 | s72 |
| ................................................................................agagcggagggguuggcgcagugg...... | 1 | 0 | s72 |
| ................................................................................agagcggagggguuggcgcagAgg...... | 2 | 1 | s72 |
| ................................................................................agagcggagggguuggcgcaguggua.... | 1 | 0 | s72 |
| ................................................................................agagcggagggguuggcgcCguggua.... | 2 | 1 | s72 |
| ................................................................................agagcggagggguuggcgcagAggua.... | 1 | 1 | s72 |
| ................................................................................agagcggagggguuggcgcCgugguaag.. | 1 | 1 | s72 |
| ................................................................................agagcggagggguuggcgcaguggaaga.. | 4 | 0 | s72 |
| ................................................................................agagcggagggguuggcgcaggguGaga.. | 1 | 1 | s72 |
| .................................................................................gagcggagggguuggcgc........... | 4 | 0 | s72 |
| .................................................................................gagcggagggguuggcgcag......... | 1 | 0 | s72 |
| .................................................................................gagcggagggguuggcgcagu........ | 1 | 0 | s72 |
| .................................................................................gagcggagggguuggcgcagug....... | 2 | 0 | s72 |
| ..................................................................................agcggagggguuggcgca.......... | 31 | 0 | s72 |
| ..................................................................................agcggagggguuggcgcCg......... | 1 | 1 | s72 |
| ..................................................................................agcggCgggguuggcgcag......... | 1 | 1 | s72 |
| ..................................................................................agcggagggguuggcgcag......... | 17 | 0 | s72 |
| ..................................................................................agcggagggguugUcgcagu....... | 1 | 1 | s72 |
| ..................................................................................agcggagggguuggcgcagu....... | 7 | 0 | s72 |
| ..................................................................................agcggagggguuggcgcagug...... | 38 | 0 | s72 |
| ..................................................................................agcggagggguuggcgcagugg..... | 3 | 0 | s72 |
| ..................................................................................agcggagggguuggcgcaguggua... | 3 | 0 | s72 |
| ..................................................................................agcggagggguuggcgcagugguaa.. | 1 | 0 | s72 |
| ...................................................................................gcggagggguuggcgcag......... | 2 | 0 | s72 |
| ...................................................................................gcggagggguuggcgcagug....... | 1 | 0 | s72 |
| ...................................................................................gcggagggguuggcgcagugg...... | 1 | 0 | s72 |
| ....................................................................................cggagggguuggcgcagug....... | 1 | 0 | s72 |
| ....................................................................................cggagggguuggcgcagugg...... | 1 | 0 | s72 |
| .....................................................................................gagggguuggcgcagugg...... | 1 | 0 | s72 |
| .....................................................................................gagggguuggcgcaguggu..... | 1 | 0 | s72 |
| ......................................................................................agggguuggcgcaguggu..... | 2 | 0 | s72 |
| ......................................................................................agggguuggcgcagugguа..... | 1 | 0 | s72 |
| ......................................................................................agggguuggcgcagugguaa.... | 1 | 0 | s72 |
| ......................................................................................agggguuggcgcagugguaagaucucu....... | 1 | 0 | s72 |
| .......................................................................................Auggcgcagugguaagaucu........ | 1 | 1 | s72 |
| ................................................................................agagcggaggggCuggcgc........... | 1 | 1 | s09 |
| ................................................................................agagcggagggguuggcgc........... | 71 | 0 | s09 |
| ................................................................................agagcggCgggguuggcgc........... | 1 | 1 | s09 |
| ................................................................................agagcggagggguuggcgUa.......... | 1 | 1 | s09 |
| ................................................................................agagcggagggguuggcgcag......... | 9 | 0 | s09 |
| ................................................................................agagcggagggguuggcgcagu........ | 1 | 0 | s09 |
| ................................................................................agagcgagggguuggcgcaguA....... | 2 | 1 | s09 |
| caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuuugguagauuuugacagagcggagggguuggcgcagug....... | 7 | 0 | s09 |
| ................................................................................agagcggagggguuggcgcaguUg...... | 2 | 1 | s09 |

```
                    Star                              Mature

caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuuugguagauuuugacagagcggaggggguuggcgcagugguaagaucucugccuucc

.....................................................................agagcggaggggguuggcgcaguAgu...............   1     1    s09
.....................................................................agagcggaggggguuggcgcagugguaaga...........   4     0    s09
.....................................................................agagcggaggggguuggcgcagugguaagau..........   1     0    s09
.........................................................................gagcggaggggguuggcgc...................   5     0    s09
.........................................................................gagcggaggggguuggcgcag................   1     0    s09
.........................................................................gagcggaggggguuggcgcagu...............   1     0    s09
.........................................................................gagcggaggggguuggcgcaguAgu............   1     1    s09
.........................................................................gagcggaggggguuggcgcagggguaCga.........   1     1    s09
..........................................................................agcggaggggguuggcgca.................   1     0    s09
..........................................................................agcggaggggguuggcgcag................   5     0    s09
..........................................................................agcggaggggguuggcgcagu...............   1     0    s09
..........................................................................agcggaggggguuggcgcagug..............   3     0    s09
..........................................................................agcggaggggguuggcgcagugg.............   1     0    s09
..........................................................................agcggaggggguuggcgcaguggua...........   1     0    s09
...........................................................................gcggaggggguuggcgcag................   1     0    s09
...........................................................................gcggaggggguuggcgcagugggua..........   1     0    s09
.....................................................................................aggggguuggcgcagugguaagauc.........   1     0    s09
......................................................................................gggguuggcgcagugguaagauc.........   1     0    s09
...........................................................................................uggcgcagugguaagaucu.........   1     0    s09


.....................................................................acagagcggaggggguuggcg.....................   1     0    s60
.....................................................................acUgagcggaggggguuggcgca...................   1     1    s60
.....................................................................acaAagcggaggggguuggcgca...................   3     1    s60
.....................................................................acGgagcggaggggguuggcgcag..................   2     1    s60
.....................................................................acagagcggaggggguuggcgcag..................   3     0    s60
.....................................................................acaAagcggaggggguuggcgcag..................   1     1    s60
.....................................................................agagcggaggggguuggcg.......................  28     0    s60
.....................................................................agagcggaggggguuggcgA......................   1     1    s60
.....................................................................agagGggaggggguuggcgc......................   2     1    s60
.....................................................................agagcggaggCguuggcgc.......................   1     1    s60
.....................................................................agagcggaggggguugAcgc......................   1     1    s60
.....................................................................agagcggaggggguuggcgc......................  53     0    s60
.....................................................................agagcggaggggguuggcgUa.....................   4     1    s60
.....................................................................agagcggaggggguuggcgca.....................   9     0    s60
.....................................................................agagcggaggggguuggcgcCg....................   1     1    s60
.....................................................................agagcggCggguuggcgcag......................   1     1    s60
.....................................................................agagcggaggggguuggcgcag....................  135    0    s60
.....................................................................agagcggaggggCuggcgcag.....................   1     1    s60
.....................................................................agagcggaggggguuggcgcagu...................   5     0    s60
.....................................................................agagcggaggggguuggcgcagug..................  20     0    s60
.....................................................................agagcggaggggguuggcgcaguA..................   3     1    s60
.....................................................................agagcggaggggguuggcgcagugU.................   6     1    s60
.....................................................................agagcggaggggguuggcgcagAgg.................   2     1    s60
.....................................................................agagcggaggggguuggcgcagugg.................  11     0    s60
.....................................................................agagcggaggggguuggcgcaguggA................   4     1    s60
.....................................................................agagcggaUggguuggcgcaguggu.................   1     1    s60
.....................................................................agagcggaggggguuggcgcaguggua...............   5     0    s60
.....................................................................agagcggaggggguuggcgcagugguaa..............   6     0    s60
.....................................................................agagcggaggggguuggcgcaguggAaa..............   1     1    s60
.....................................................................agagcggaggggguuggcgcagugguaaUa............   1     1    s60
.....................................................................agagcggCggguuggcgcagugguaaga.............   2     1    s60
.....................................................................agagcggaggggguuggcgcagugguaaga............   9     0    s60
.........................................................................gagcggaggggguuggcgc...................   5     0    s60
.........................................................................gagcggaggggguuggcgUa..................   1     1    s60
.........................................................................gagcggaggggguuggcgcag................   8     0    s60
.........................................................................gagcggCggguuggcgcag...................   1     1    s60
.........................................................................gagcggaggggguuggcgcagugg..............   1     0    s60
.........................................................................gagcggCggguuggcgcagugg................   1     1    s60
.........................................................................gagcggaggggguuggcgcagugguaa...........   1     0    s60
..........................................................................agcggaggggguuggcgca.................  34     0    s60
..........................................................................agcggaggggguuggcgcUg................   1     1    s60
..........................................................................agcggaggggguuggcgcCg................   4     1    s60
..........................................................................agcggaggggguuggcgcag................  53     0    s60
..........................................................................agcggaggggguuggcgcagu...............   4     0    s60
..........................................................................agcggaggggguuggcgcagug..............  19     0    s60
..........................................................................agcggCggguuggcgcagug.................   1     1    s60
..........................................................................agcggaggggguuggcgUagugg.............   1     1    s60
..........................................................................agcggagCgguuggcgcagugg..............   4     1    s60
caaugaaauuagagacuucaagugcccuaacccuucaacuuguuuuuuuuuuuuuuuuuugguagauuuugacagcggaggggguuggcgcagAgg.............   1     1    s60
..........................................................................agcggaggggguuggcgcagugg..............   8     0    s60
```

caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuuugguagauuuugacagagcggagggguuggcgcagugguaagaucucugccuucc

| | | | |
|---|---|---|---|
| .....................................................................................agcggagggguuggcgcagugU................. | 1 | 1 | s60 |
| .....................................................................................agcggagggguuggcgcaguggu................ | 1 | 0 | s60 |
| .....................................................................................agcggagggguuggcgcaguggua............... | 3 | 0 | s60 |
| .....................................................................................agcggagggguuggcgcagugguaa.............. | 2 | 0 | s60 |
| .....................................................................................agcggagggguuggcgcagugguaag............. | 1 | 0 | s60 |
| .....................................................................................agcggagggguuggcgcagugguaaga............ | 1 | 0 | s60 |
| .....................................................................................agcggagggguuggcgcCgugguaagauc........ | 1 | 1 | s60 |
| .....................................................................................gcggCgggguuggcgcag................... | 1 | 1 | s60 |
| .....................................................................................gcggagggguuggcgcag................... | 6 | 0 | s60 |
| .....................................................................................gcggagggguuggcgcUag.................. | 1 | 1 | s60 |
| .....................................................................................gcggagggguuggcgcagug................. | 1 | 0 | s60 |
| .....................................................................................cggagggguuggcgcagugg................ | 1 | 0 | s60 |
| .....................................................................................ggagggguuggcgcagugguaag............. | 1 | 0 | s60 |
| .....................................................................................agggguuggcgcagugguaa.............. | 2 | 0 | s60 |
| .....................................................................................agggguuggcgcagugguaaga............ | 1 | 0 | s60 |
| .....................................................................................agggguuggcgcagugguaagaucucugcA.... | 1 | 1 | s60 |
| .....................................................................................agggguuggcgcagugguaagaucucugcc.... | 1 | 0 | s60 |
| .....................................................................................Auggcgcagugguaagaucu......... | 1 | 1 | s60 |
| | | | |
| ...........................................................................Aacagagcggagggguuggcg..................... | 1 | 1 | s85 |
| ...........................................................................Aacagagcggagggguuggcgc.................... | 1 | 1 | s85 |
| ...........................................................................Aacagagcggagggguuggcgca................... | 1 | 1 | s85 |
| ...........................................................................acagagcggagggguuggcg..................... | 1 | 0 | s85 |
| ...........................................................................acaAagcggagggguuggcgcagug............... | 1 | 1 | s85 |
| ...........................................................................acagagcggagggguuggcgcagug............... | 1 | 0 | s85 |
| ............................................................................agagcggagggguuggcg..................... | 67 | 0 | s85 |
| ............................................................................agagcggagggguuggcgc.................... | 25 | 0 | s85 |
| ............................................................................agagcggagggguuggcgcC................... | 2 | 1 | s85 |
| ............................................................................agagcggagggguuggcgca................... | 24 | 0 | s85 |
| ............................................................................agagcggagggguuggcgcag.................. | 15 | 0 | s85 |
| ............................................................................agagcggagggguuggcgcaC.................. | 1 | 1 | s85 |
| ............................................................................agagcggagggguuggcgcCgu................. | 2 | 1 | s85 |
| ............................................................................agagcggagggguuggcgcagu................. | 8 | 0 | s85 |
| ............................................................................agagcggagggguuggcgcagug................ | 58 | 0 | s85 |
| ............................................................................agagcggagggguuggcgcagAg................ | 3 | 1 | s85 |
| ............................................................................agagcggagggguuggcgcCgug................ | 3 | 1 | s85 |
| ............................................................................agagcggagggguuggcgcagugg............... | 7 | 0 | s85 |
| ............................................................................agagcggagggguuggcgcagAgg............... | 2 | 1 | s85 |
| ............................................................................agagcggagggguuggcgcagugA............... | 1 | 1 | s85 |
| ............................................................................agagcggagggguuggcgcagugguа.............. | 2 | 0 | s85 |
| ............................................................................agagcggagggguuggcgcagugguaa.............. | 3 | 0 | s85 |
| ............................................................................agagcggagggguuggcgcaguAguaag............ | 1 | 1 | s85 |
| ............................................................................agagcggagggguuggcgcagugguaaga............ | 3 | 0 | s85 |
| ............................................................................gagcggagggguuggcgc..................... | 2 | 0 | s85 |
| ............................................................................gagcggagggguuggcgcagu................. | 1 | 0 | s85 |
| ............................................................................gagcggagggguuggcgcagugguaaga............ | 1 | 0 | s85 |
| ............................................................................agcggagggguuggcgca..................... | 55 | 0 | s85 |
| ............................................................................agcggagggguuggcgcC..................... | 1 | 1 | s85 |
| ............................................................................aUcggagggguuggcgcag.................... | 1 | 1 | s85 |
| ............................................................................agcggagggguuggcgcCg.................... | 2 | 1 | s85 |
| ............................................................................agcggagggguuggcgcag.................... | 22 | 0 | s85 |
| ............................................................................agcggagggguuggcgcagu................... | 5 | 0 | s85 |
| ............................................................................agcggagggguuggcgcagug.................. | 41 | 0 | s85 |
| ............................................................................agcggagggguuggcgcCgug.................. | 2 | 1 | s85 |
| ............................................................................agcggagggguuggcgcagugg................. | 5 | 0 | s85 |
| ............................................................................agcggagggguuggcgcagAgg................. | 1 | 1 | s85 |
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| ............................................................................agcggagggguuggcgcagugguaaga............ | 1 | 0 | s85 |
| ............................................................................gcggagggguuggcgcag.................... | 2 | 0 | s85 |
| ............................................................................gcggagggguuggcgcagug.................. | 7 | 0 | s85 |
| ............................................................................gcggagggguuggcgcagugguа............... | 1 | 0 | s85 |
| ............................................................................cggagggguuggcgcagug.................. | 2 | 0 | s85 |
| ............................................................................ggagggguuggcgcagug.................. | 1 | 0 | s85 |
| ............................................................................uuggcgcagugguaagauA.......... | 1 | 1 | s85 |
| | | | |
| ...........................................................................Aacagagcggagggguuggcgcagugg................. | 1 | 1 | s35 |
| ...........................................................................acaAagcggagggguuggc........................ | 1 | 1 | s35 |
| ...........................................................................acUgagcggagggguuggcgcagugg................. | 1 | 1 | s35 |
| caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuuugguagauuuugacagagcggCgggguuggcgcagugguaagaucucugccuucc | 1 | 1 | s35 |
| ...........................................................................agagGgagggguuggcgc....................... | 6 | 1 | s35 |

caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuugguagauuuugacagagcggaggggguuggcgcagugguaagaucucugccuucc

| | | | |
|---|---|---|---|
| ......................................................agagcggaggggguuggcU...................... | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcg...................... | 34 | 0 | s35 |
| ......................................................agagcggCggggguuggcgc..................... | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgc..................... | 96 | 0 | s35 |
| ......................................................agagGggaggggguuggcgA..................... | 3 | 1 | s35 |
| ......................................................agagGggaggggguuggcgc..................... | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgUa.................... | 1 | 1 | s35 |
| ......................................................agagGggaggggguuggcgca.................... | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgca.................... | 14 | 0 | s35 |
| ......................................................agagcggaggggguuggcgcC.................... | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgcag................... | 41 | 0 | s35 |
| ......................................................agagGggaggggguuggcgcag................... | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgcCg................... | 1 | 1 | s35 |
| ......................................................agagcggagggguCggcgcag................... | 1 | 1 | s35 |
| ......................................................agagcggaggggCuggcgcag................... | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgcagu.................. | 5 | 0 | s35 |
| ......................................................agagcggaggggguuggcgcagug................. | 20 | 0 | s35 |
| ......................................................agagcggaggggguuggcgcaguA................. | 5 | 1 | s35 |
| ......................................................agagGggaggggguuggcgcagug................. | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgcaguAg................ | 2 | 1 | s35 |
| ......................................................agagcggaggggguuggcgcagugU................ | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgcagugA................ | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgcagugg................ | 10 | 0 | s35 |
| ......................................................agagcggaggggguuggcgcaguggu............... | 3 | 0 | s35 |
| ......................................................agagcggaggggguuggcgcagugguU.............. | 1 | 1 | s35 |
| ......................................................agagcggaggggguuggcgcaguggua.............. | 5 | 0 | s35 |
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| ......................................................agagcggaggggguuggcgcagugguG.............. | 2 | 1 | s35 |
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| ......................................................agagcggaggggguuggcgcagugguaaga........... | 5 | 0 | s35 |
| ......................................................agagcggaggggguuggcgcagugguaagau.......... | 2 | 0 | s35 |
| ........................................................gagcggaggggguuggcgc.................... | 8 | 0 | s35 |
| ........................................................gagcggaggggguuggcgca................... | 2 | 0 | s35 |
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| ........................................................gagcggaggggguuggcgcagugguaagauc........ | 1 | 0 | s35 |
| ..........................................................agcggaggggguuggcgca................... | 7 | 0 | s35 |
| ..........................................................agcggaggggguuggcgcag.................. | 38 | 0 | s35 |
| ..........................................................agcggaggggguuggcgcCg.................. | 4 | 1 | s35 |
| ..........................................................agcggaggggguuggcgcagu................. | 8 | 0 | s35 |
| ..........................................................agcggaggggguuggcgcagug................ | 14 | 0 | s35 |
| ..........................................................agcggaggggguuggcgcagugg............... | 5 | 0 | s35 |
| ..........................................................agcggaggggguuggcgcagCgg............... | 1 | 1 | s35 |
| ..........................................................agcggaggggguuggcgcaguggA.............. | 1 | 1 | s35 |
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| ................................................................aggggguuggcgcagugguaag............ | 2 | 0 | s35 |
| ................................................................aggggguuggcgcagugguaaga........... | 1 | 0 | s35 |
| ..................................................................gggguuggcgcagugguaG............. | 1 | 1 | s35 |
| ..................................................................gggguuggcgcagugguaa............. | 1 | 0 | s35 |
| ....................................................................ggguuggcgcagugguaagaucucugccu... | 1 | 0 | s35 |
| caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuugguagauuuugacagagcgg......Auggcgcagugguaagaucu.......... | 1 | 1 | s35 |
| | | | |
| ....................................................acagagcggaggggguuggcgc..................... | 1 | 0 | s13 |

caaugaaauuagagacuucaagugccccuaacccuucaacuuguuuuuuuuuuuuuuuuugguagauuuugacagagcggagggguuggcgcagugguaagaucucugccuucc

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