Provisional ID   : Montipora_capitata_HIv3___Scaffold_9_606515
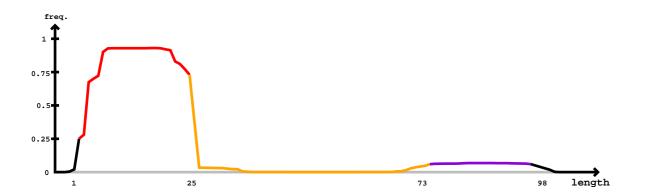Score total   :   679.6
Score for star read(s) :   3.9
Score for read counts :   672.1
Score for mfe   :   2
Score for randfold :   1.6
Score for cons. seed :
Total read count   :   1330
Mature read count   :   1272
Loop read count   :   1
Star read count   :   57

Mature   **Star**

```
5'- caaccagcaucggccgggauagcucagggguuagagcaccucgcccaauucaaccuuaguggguuucgaauccaaaucgauuccuggccgaugcugucuuuuuuuguuu  -3'   obs
     caaccagcaucggccgggauagcucagggguuagagcaccucgcccaauucaaccuuaguggguuucgaauccaaaucgauuccuggccgaugcugucuuuuuuuuguuu        exp
     .((((((((((((((((((((.......(((((.(((.(((.(((.............))))))))).)))))........)))))))))))))))).)))..........   reads   mm      sample
     ..accagcaucggccgggauagcucaU.......................................................................................   1       1       s23
     ..accagcaucggccgggauagcucag.......................................................................................   3       0       s23
     ...Acagcaucggccgggauag............................................................................................   3       1       s23
     ...ccagcaucggccgggauagcucag.......................................................................................   1       0       s23
     ...Acagcaucggccgggauagcucag.......................................................................................  76       1       s23
     ....cagcaucggccgggaAagcu..........................................................................................   1       1       s23
     ....cagcaucggccgggauagcuc.........................................................................................   1       0       s23
     ....cagcaucggccgggauagcucag.......................................................................................   9       0       s23
     .....agcaucggccgggauagc...........................................................................................   3       0       s23
     .....agcCucggccgggauagc...........................................................................................   1       1       s23
     .....agcaucggccgggauagcu..........................................................................................   1       0       s23
     .....agcaucggccgggauagcuc.........................................................................................   4       0       s23
     .....agcaucggccgggauaAcuc.........................................................................................   1       1       s23
     .....agcaucggccgggauagcuca........................................................................................   3       0       s23
     .....agcaucggccgggauagcucG........................................................................................   1       1       s23
     ....agcaucggccgggauagcuAag........................................................................................   6       1       s23
     ....agcaucggccgggauaAcucag........................................................................................   1       1       s23
     ....agcaucggccgggauagcucag........................................................................................  68       0       s23
     .....Cgcaucggccgggauagcucag.......................................................................................   1       1       s23
     ....agcaucggccgggauagcCcag........................................................................................   1       1       s23
     ....agcaucggccgggauagcucaggggguuag................................................................................   1       0       s23
     ....agcaucggccgggauagcucagCgguuag.................................................................................   1       1       s23
     ....agcaucggccgggauagcucaggggguuaga...............................................................................   1       0       s23
     ......gcaucggccgggauagcuc.........................................................................................   1       0       s23
     ......gcaucggccgggauagcucag.......................................................................................   4       0       s23
     ......gcaucggccgggauaAcucag.......................................................................................   1       1       s23
     ......gcaucggccgggauagcucagCgguuaga...............................................................................   1       1       s23
     .......caucggccgggauagcuc.........................................................................................   1       0       s23
     .......caucggccgggauagcucag.......................................................................................   3       0       s23
     .......caAcggccgggauagcucag.......................................................................................   1       1       s23
     .......caucggccgggCuagcucag.......................................................................................   1       1       s23
     ........Aaucggccgggauagcucagggguuagagc............................................................................   1       1       s23
     ........aucggccgggauagcuca........................................................................................   3       0       s23
```

```
caaccagcaucggccgggauagcucagggguuagagcaccucgcccaauucaaccuuagugggguuucgaauccaaaucgauuccuggccgaugcuguguuuuuuuuuguuu

.......aucggccgggCuagcucag.........................................................................................   1   1   s23
.......aucggccgggauagcucag.........................................................................................  36   0   s23
.......aucggccgggauagcucagCgguuagagc...............................................................................   2   1   s23
........ucggccgggauagcucag.........................................................................................   5   0   s23
........ucggccgggauagcucaggggguuagaUc...............................................................................  1   1   s23
.........................................................Acaaaucgauuccuggccgaugcugug.............................   2   1   s23
..........................................................Aaaaucgauuccuggccgaugcugu..............................   1   1   s23
..........................................................Aaaaucgauuccuggccgaugcugug.............................   1   1   s23
..........................................................Aaaaucgauuccuggccgaugcuguguuuu.........................   2   1   s23
..........................................................aaaucgauuccuggccgaugcuguguuu...........................   1   0   s23
..........................................................aaaucgauuccuggccgaugcuguguuuG.........................   1   1   s23
..........................................................aaaucgauuccuggccgaugcuguguuuu.........................   1   0   s23
..........................................................aaucgauuccGggccgaugcugug.............................   2   1   s23
..........................................................aaucgauuccuggccgaugcugCgu............................   1   1   s23
...........................................................aucgauuccuggccgaugcugug.............................   1   0   s23
.........................................................Acgauuccuggccgaugc......................................   1   1   s23
...........................................................cgauuccuggccgaugcuA.................................   1   1   s23
...........................................................cgauuccuggUcgaugcugug..............................   1   1   s23
............................................................Aggccgaugcuguguuuu.........................   2   1   s23


..aGcagcaucggccgggaua..............................................................................................   1   1   s52
..aGcagcaucggccgggauagcucag........................................................................................   1   1   s52
..accagcaucggccgggauagcuUag.........................................................................................  3   1   s52
..accagcaucggccgggauagcucag.........................................................................................  2   0   s52
...Acagcaucggccgggaua..............................................................................................   1   1   s52
...Acagcaucggccgggauag.............................................................................................   1   1   s52
...Acagcaucggccgggauagc............................................................................................   5   1   s52
...Acagcaucggccgggauagcuc..........................................................................................   2   1   s52
...Acagcaucggccgggauagcuca.........................................................................................   2   1   s52
...Acagcaucggccgggauagcucag........................................................................................  29   1   s52
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....cagcaucggccgggauagcucag........................................................................................   3   0   s52
....Aagcaucggccgggauagcucaggg......................................................................................   1   1   s52
....Aagcaucggccgggauagcucaggggguua.................................................................................   1   1   s52
.....agcaucggccgggauagc............................................................................................  11   0   s52
.....agcaucggccgggauagcu...........................................................................................  10   0   s52
.....agcaucggccgggauagcuc..........................................................................................   2   0   s52
.....agcCucggccgggauagcuc..........................................................................................   1   1   s52
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.....agcaucggccgggauagcuAag........................................................................................   4   1   s52
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......gcaucggccgggauagcucag........................................................................................   5   0   s52
......caucggccgggauagcuc...........................................................................................   1   0   s52
......caucggccgggauagcucag.........................................................................................   1   0   s52
......caucggccgggauCgcucag.........................................................................................   1   1   s52
......Aaucggccgggauagcucaggggguuagag...............................................................................   1   1   s52
.......aucggccgggauagcuca..........................................................................................   2   0   s52
.......aucAgccgggauagcucag.........................................................................................   2   1   s52
.......aucggccgggauagcucag.........................................................................................  16   0   s52
.......aucggccgggauagcucaggggguuagagc..............................................................................   1   0   s52
.......aucggccgggauagcucagCgguuagagc...............................................................................   3   1   s52
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........ucggcAgggauagcucag.........................................................................................   1   1   s52
.........Acggccgggauagcucag........................................................................................   2   1   s52
..........cggccgggauagcucagCgguuagagcac............................................................................   1   1   s52
...............agcucaggggguuagagcac................................................................................   1   0   s52
..........................................Auuucgaauccaaaucgauuccuggccg.............................................   1   1   s52
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...............................................auUcaaaucgauuccuggccgaugcugugu......................................   2   1   s52
....................................................aaaucgauuccuggccgaugcuguU......................................   1   1   s52
..........................................................Acgauuccuggccgaugcugu...................................   1   1   s52
..........................................................Acgauuccuggccgaugcugug..................................   1   1   s52
..........................................................Acgauuccuggccgaugcugugu.................................   5   1   s52
...........................................................cgauuccuggccgaugcugug..................................   1   0   s52
...........................................................cgauuccuggccgaugcugugu.................................   1   0   s52


.aUccagcaucggccgggau...............................................................................................   1   1   s72
..accagcaucggccgggauagc.............................................................................................  1   0   s72
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caaccagcaucggccgggauagcucaggggguuagagcaccucgcccaauucaaccuuaguggguuucgaauccaaaucgauuccuggccgaugcuguguuuuuuuuguuu

...Acagcaucggccgggauagc..................................................................................................    3    1    s72
...Acagcaucggccgggauagcu.................................................................................................    1    1    s72
...Acagcaucggccgggauagcuc................................................................................................    5    1    s72
...Acagcaucggccgggauagcuca...............................................................................................    1    1    s72
...Acagcaucggccgggauagcucag..............................................................................................   13    1    s72
....cCgcaucggccgggauagcuc................................................................................................    1    1    s72
....Aagcaucggccgggauagcucaggggguuag......................................................................................    1    1    s72
.....agcaucggccgggauagc..................................................................................................    3    0    s72
.....agcaucggccgggauagcu.................................................................................................    1    0    s72
.....agcaucggccgggauagcuc................................................................................................    2    0    s72
.....agcaucggccgggauagcuca...............................................................................................    3    0    s72
.....agcCucggccgggauagcuca...............................................................................................    1    1    s72
.....agcaucggccgggauagcuAag..............................................................................................    1    1    s72
.....agcaucggccgggauagcucag..............................................................................................   14    0    s72
.....agcaucggccgggauagcucaU..............................................................................................    2    1    s72
.....agcaucggccgggauagcucaC..............................................................................................    2    1    s72
.....agUaucggccgggauagcucag..............................................................................................    1    1    s72
.....agcaucggccgggauagcucaggggguuaga.....................................................................................    1    0    s72
......gcaucggccgggauagcuc................................................................................................    1    0    s72
......gcaucggccggUauagcucag..............................................................................................    1    1    s72
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........aucggcAgggauagcuca...............................................................................................    1    1    s72
........aucggccgggauaAcuca...............................................................................................    1    1    s72
........aucggccgggauagcuca...............................................................................................    6    0    s72
........aucggccgggauagcucag..............................................................................................    8    0    s72
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........aucggccgggauagcucagCgguuagagc....................................................................................    3    1    s72
.........Acggccgggauagcucag..............................................................................................    2    1    s72
............................................................auccaaaucgauuccuggccgaugcugug.............................    1    0    s72
..............................................................Aaaaucgauuccuggccgaugcuguguuuu.........................    1    1    s72
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...................................................................Acgauuccuggccgaugcugugu............................    2    1    s72
...........................................................................Auggccgaugcuguguuuu.........................    2    1    s72

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...Acagcaucggccgggauagcuc................................................................................................    1    1    s85
...Acagcaucggccgggauagcucag..............................................................................................    4    1    s85
.....agcaucggccgggauagc..................................................................................................    1    0    s85
.....agcaucggccgggauagcuc................................................................................................    1    0    s85
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.....agcaucggccgggauagcuca...............................................................................................    3    0    s85
.....agcauGggccgggauagcuca...............................................................................................    1    1    s85
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......gcaucggccgggauagcuc................................................................................................    1    0    s85
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.......caucggccgggauagcucag..............................................................................................    1    0    s85
........aucggccgggauagcuca...............................................................................................    6    0    s85
........aucggccgggauagUuca...............................................................................................    1    1    s85
........aucggccgggauagcucag..............................................................................................    4    0    s85
.........Acggccgggauagcucag..............................................................................................    1    1    s85
........................................................uUcaaaucgauuccuggccgaugcugugu............................    1    1    s85
...................................................................Acgauuccuggccgaugcugugu............................    1    1    s85

.aaGcagcaucggccgggauagcucag..............................................................................................    2    1    s60
..accagcaucgCccgggau....................................................................................................    1    1    s60
..accagcaucggccgggauagcucag..............................................................................................    2    0    s60
...Acagcaucggccgggaua....................................................................................................    2    1    s60
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...Acagcaucggccgggauagc..................................................................................................   10    1    s60
...Acagcaucggccgggauagcuc................................................................................................    1    1    s60
...Acagcaucggccgggauagcucag..............................................................................................   37    1    s60
....cagcaucggccgggauagc..................................................................................................    1    0    s60
....cagcaucggccgggauagcuc................................................................................................    1    0    s60
....cagcaucggccgggauagcucag..............................................................................................    3    0    s60
.....agcaucggccgggauagcucaggggguuagagcaccucgcccaauucaaccuuaguggguuucgaauccaaaucgauuccuggccgaugcuguguuuuuuuuguuu         12    0    s60
.....agcaucggccgggauagcu.................................................................................................    3    0    s60
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caaccagcaucggccgggauagcucagggguuagagcaccucgcccaauucaaccuuagugggguuucgaauccaaaucgauuccuggccgaugcucuguuuuuuuuuguuu

```
.....agcaucggccgggauaAcuc.........................................................................   1    1    s60
.....agcaucggccgggauagcuc..........................................................................   9    0    s60
.....agcaucggccgggauagcuca.........................................................................   3    0    s60
.....agcaucggccgggauagcucaC........................................................................   1    1    s60
.....agcCucggccgggauagcucag........................................................................   1    1    s60
.....agcaucggccgggauagcuAag........................................................................   3    1    s60
.....agcaucggccgggauagcucaU........................................................................   1    1    s60
.....agcaucAgccgggauagcucag........................................................................   2    1    s60
.....agcaucggccgggauagcAcag........................................................................   2    1    s60
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......caucggccgggauagcucag.........................................................................   2    0    s60
......Aaucggccgggauagcucagggguuagagc..............................................................   2    1    s60
.......aucggccgggauagcuca..........................................................................   2    0    s60
.......aucggccgggauagcucag.........................................................................  53    0    s60
.......aucggccgggauCgcucag.........................................................................   1    1    s60
.......aucggccgggauGgcucag.........................................................................   1    1    s60
.......aucggccgggauagcucagggguuagagc..............................................................   2    0    s60
........ucggccgggauagcucag.........................................................................   3    0    s60
...........cggccgggauagcucagCgguuagagcac...........................................................   1    1    s60
.............................................................aaucgauuccuggccgaugcucuguuuu..........   1    0    s60
.............................................................aucgauuccuggUcgaugcucuguuuu..........   1    1    s60
..............................................................Acgauuccuggccgaugcucugug............   1    1    s60
```

```
.aaGcagcaucggccgggau..............................................................................   1    1    s35
.aaUcagcaucggccgggauagcucag........................................................................   1    1    s35
..accagcaucggccgggau...............................................................................   1    0    s35
..aGcagcaucggccgggauagcucag........................................................................   1    1    s35
..accagcauUggccgggauagcucag........................................................................   1    1    s35
...Acagcaucggccgggaua..............................................................................   4    1    s35
...Acagcaucggccgggauagc............................................................................  18    1    s35
..Acagcaucggccgggauagcuca..........................................................................   1    1    s35
..Acagcaucggccgggauagcucag.........................................................................  31    1    s35
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......aucgUccgggauagcucag..........................................................................   1    1    s35
.......aucggccgggauagcucag.........................................................................  34    0    s35
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.........Acggccgggauagcucag........................................................................   4    1    s35
........ucggccgggauagcucag.........................................................................   3    0    s35
........ucggccgggauagcucagCgguuagagcac.............................................................   1    1    s35
.........................Agguuagagcaccucgcccca.....................................................   1    1    s35
.............................................................auUcaaaucgauuccuggccgaugcucugu........   2    1    s35
caaccagcaucggccgggauagcucag...........................Acaaaucgauuccuggccgaugcucug..............   2    1    s35
..............................................................aaaucgauuccuggccgaugcucugug.........   1    0    s35
```

Mature   **Star**

```
caaccagcaucggccgggauagcucagggguuagagcaccucgcccaauucaaccuuagugggguuucgaauccaaaucgauuccuggccgaugcuguguuuuuuuuguuu
```

```
....................................................................................aaaucgauuccuggccgaugcuguguuu..........     1    0    s35
....................................................................................aaaucgauuccAggccgaugcuguguuu..........     1    1    s35
....................................................................................aaaucgauuccuggccgaugcuguguuuuu........     1    0    s35
...................................................................................aaucgauuccuggccgaugcuguguu............     1    0    s35
..................................................................................auUgauuccuggccgaugcugugu.............     1    1    s35
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.................................................................................Acgauuccuggccgaugcugugu..............     1    1    s35
......................................................................................gauuccAggccgaugcugug.............     1    1    s35
....................................................................................auuccuggccgaugcuguguuuu.........     1    0    s35

..Gcagcaucggccgggauagc.....................................................................................................     1    1    s09
..aGcagcaucggccgggauagcucag................................................................................................     1    1    s09
...Acagcaucggccgggaua.......................................................................................................     3    1    s09
...Acagcaucggccgggauag......................................................................................................     1    1    s09
...Acagcaucggccgggauagcuca..................................................................................................     1    1    s09
...AcagcaucggccgggauagcucagCgguuagagc.......................................................................................    19    1    s09
....cagcaucggccgggauag......................................................................................................     1    0    s09
....cagcaucggccgggauagcucag.................................................................................................     4    0    s09
....Aagcaucggccgggauagcucaggggu.............................................................................................     1    1    s09
....Aagcaucggccgggauagcucaggggguu...........................................................................................     1    1    s09
.....agcaucggccgggauagc.....................................................................................................     3    0    s09
.....agcaucggccgggauagcu....................................................................................................     1    0    s09
.....agcaucggccgggauagcA....................................................................................................     1    1    s09
.....agcaucggccgggauagcuc...................................................................................................     1    0    s09
.....agcaucggccgggauagcucag.................................................................................................    28    0    s09
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......gcaucggccgggauagcucag.................................................................................................     3    0    s09
.......caucggccgggauagcucag.................................................................................................     2    0    s09
........aucggccgggauagUucag.................................................................................................     1    1    s09
........aucggccgggauagcucag.................................................................................................    15    0    s09
........aucggccgggauagcucagCgguuagagc.......................................................................................     1    1    s09
........aucggccgggauagcucagCgguuagagca......................................................................................     1    1    s09
.........Acggccgggauagcucag.................................................................................................     3    1    s09
..........ucggccgggauagcucag................................................................................................     1    0    s09
..........ucggccgggauagcucagCgguuagagc......................................................................................     1    1    s09
.............................................................................Acaaaucgauuccuggccgaugcugu.................     1    1    s09
.............................................................................Acaaaucgauuccuggccgaugcugug................     4    1    s09
..............................................................................Aaaaucgauuccuggccgaugcugug...............     3    1    s09
..............................................................................Aaaaucgauuccuggccgaugcuguguuu...........     2    1    s09
..............................................................................Aaaaucgauuccuggccgaugcuguguuuu..........     2    1    s09
...............................................................................caaaucgauuccuggccgaugUuguguuuu.........     1    1    s09
................................................................................aaaucgauuccuggccgaugUugug.............     1    1    s09
................................................................................aaaucgauuccuggccgaugcuguguA...........     1    1    s09
................................................................................aaaucgauuccuggccgaugcuguguuuu.........     1    0    s09
................................................................................aaaucgauuccugAccgaugcuguguuuu.........     1    1    s09
..................................................................................aaucgauuccugAccgaugcugug............     1    1    s09
..................................................................................aucgauuccGggccgaugcugu.............     1    1    s09
..................................................................................aucgauuccuggccgaugcuguguuuG.........     1    1    s09
...................................................................................Acgauuccuggccgaugcu.................     1    1    s09
...................................................................................Acgauuccuggccgaugcuguguuu..........     1    1    s09
...................................................................................................cGggccgaugcuguguuuuu........     1    1    s09

.aaUcagcaucggccgggauagcucag................................................................................................     1    1    s13
..accagcaucggccgggauagc.....................................................................................................     1    0    s13
..aGcagcaucggccgggauagcu....................................................................................................     1    1    s13
..acAagcaucggccgggauagcucag.................................................................................................     1    1    s13
...Acagcaucggccgggauag......................................................................................................     1    1    s13
...Acagcaucggccgggauagc.....................................................................................................     9    1    s13
...Acagcaucggccgggauagcuc...................................................................................................     1    1    s13
...ccagcaucggccgggauagcuc...................................................................................................     1    0    s13
...Acagcaucggccgggauagcucag.................................................................................................    34    1    s13
....cagcaucggccgggauagcuc...................................................................................................     1    0    s13
....cagcaucggcAgggauagcucag.................................................................................................     1    1    s13
....cagcaucggccgggauagcucag.................................................................................................     3    0    s13
.....agcaucggccgggauagc.....................................................................................................    10    0    s13
.....agcaucggccgggauagcA....................................................................................................     2    1    s13
....agcaucggccgggauagcAc....................................................................................................     1    1    s13
caa...agcaucggccgggauagcucagggguuagagcaccucgcccaauucaaccuuagugggguuucgaauccaaaucgauuccuggccgaugcuguguuuuuuuuguuu     56    0    s13
.....agcaucggccgggauagcuAag.................................................................................................     4    1    s13
```

Mature   **Star**

caaccagcaucggccgggauagcucagggguuagagcaccucgcccaauucaaccuuagugggguuucgaauccaaaucgauuccuggccgaugcuguguuuuuuuuuguuu

Sequence	Count		
`.....agcaucggccgggauagcucagCggu...............................................................`	1	1	s13
`.....agcaucggccgggauagcucagCgguuaga...........................................................`	1	1	s13
`......gcaucggccgggauagcu......................................................................`	1	0	s13
`......gcaucggccgggauagcucag...................................................................`	4	0	s13
`.......caucggccgggauagcucag..................................................................`	5	0	s13
`........aucggccgggCuagcucag..................................................................`	1	1	s13
`.......aCcggccgggauagcucag...................................................................`	1	1	s13
`.......aucggccgggauagGucag...................................................................`	1	1	s13
`.......aucggccgggauagcucag...................................................................`	31	0	s13
`.......aucggccgggauCgcucag...................................................................`	1	1	s13
`.......aucggAcgggauagcucag...................................................................`	1	1	s13
`.......aucggccgggauagcucagCgguuagagc.........................................................`	2	1	s13
`........ucggccgggauagcucag...................................................................`	4	0	s13
`.......Acggccgggauagcucag....................................................................`	1	1	s13
`..................auagGucaggggguuagagca......................................................`	2	1	s13
`...............................................Accaaaucgauuccuggccgaugcugu...............`	1	1	s13
`...............................................Acaaaucgauuccuggccgaugcugug..............`	1	1	s13
`...............................................Acaaaucgauuccuggccgaugcuguguu............`	1	1	s13
`...............................................Aaaaucgauuccuggccgaugcugug..............`	3	1	s13
`...............................................caaaucgauuccuggUcgaugcuguguuuu.........`	1	1	s13
`...............................................Aaaaucgauuccuggccgaugcuguguuuu.........`	2	1	s13
`...............................................aaucgauuccuggccgaugUugug...............`	2	1	s13
`...............................................aucgauuccAggccgaugcugug...............`	1	1	s13
`...............................................aucgauuccuggccgaugcuguguuuu.........`	1	0	s13
`...............................................Acuggccgaugcuguguuuuu........`	1	1	s13