Provisional ID	: Montipora_capitata_HIv3___Scaffold_1_19510
Score total	: 2
Score for star read(s)	: -1.3
Score for read counts	: 0
Score for mfe	: 1.7
Score for randfold	: 1.6
Score for cons. seed	:
Total read count	: 1071
Mature read count	: 626
Loop read count	: 429
Star read count	: 16

Mature   **Star**

```
5'- cgguagagcggcggagaucuaaacccgaaggucguggguucgauucccacccuggucagaguuuuucucuguccuugugugggcccauuuccaucuguagggcuaacgcucac  -3'  obs
    cgguagagcggcggagaucuaaacccgaaggucguggguucgauucccacccuggucagaguuuuucucuguccuuguguggg cccauuuccaucuguagggcuaa cgcucac       exp
    .....(((((..((.........(((((.((..(((((.......(((((((..((.(((((.....)))))).))..).)))))))))))..)).))....)))))..)))))..  reads   mm      sample
    .................aaacccgaaggucgugggu................................................................................  2       0       s72
    .................aaacccgaaggucguggguu...............................................................................  5       0       s72
    .................aaacccgaaggucguggguuu..............................................................................  2       0       s72
    .................aaGcccgaaggucguggguuu..............................................................................  1       1       s72
    .................aaacccgaaggucguggguuc..............................................................................  2       0       s72
    ..................aacccgaaggucgugggu...............................................................................  8       0       s72
    ..................aacccgaaggucguggguu..............................................................................  6       0       s72
    ..................aacccgaaggucguggguuc.............................................................................  5       0       s72
    ...................acccgaaggucguggguu..............................................................................  14      0       s72
    ...................acccgaaggucguggguuc.............................................................................  33      0       s72
    ...................acccgaaggucguggguucg............................................................................  2       0       s72
    ....................cccgaaggucguggguuc............................................................................  3       0       s72
    ......................aggucgAggguucgauucccac.......................................................................  1       1       s72
    .............................auucccacccuggucaga....................................................................  1       0       s72
    .............................auucccacccuggucagag...................................................................  25      0       s72
    .............................auucccacccuggucagagu..................................................................  8       0       s72
    .............................auucccacccuggucagaguu.................................................................  3       0       s72
    .............................auucccacccuggucagaguuu................................................................  2       0       s72
    .............................auucccacccuggucagaguuuu...............................................................  2       0       s72
    ..............................uucccacccuggucagag..................................................................  4       0       s72
    ..............................uucccacccuggucagagu.................................................................  1       0       s72
    ...............................ucccacccuggucagaguu................................................................  2       0       s72
    ...............................ucccacccuggucagaguuuu..............................................................  1       0       s72
    ................................cccacccuggucagaguu................................................................  1       0       s72
    ................................cccacccuggucagaguuuu..............................................................  1       0       s72
    .................................cacccuggucagaguuuu..............................................................  1       0       s72
    ..............................................aguuuuucucuguccuugugugggccc.........................................  2       0       s72
    ...............................................uucucuguccuugugugggg...............................................  1       0       s72
    ...............................................uucucuguccuugugugggccca............................................  1       0       s72
    ................................................ucucuguccuugugugggcc.............................................  1       0       s72
    ................................................ucucuguccuugugugggccc............................................  1       0       s72
    ........................................................Auugugugg12cccauuuccaucuguagg...............................  1       1       s72
    ..............................................................cccauuuccaucuguagggcuaacAcu...........................  1       1       s72
```

Mature **Star**

```
cgguagagcggcggagaucuaaacccgaaggucguggguucgauucccacccuggucagaguuuuucucuguccuuguguggggcccauuuccaucuguagggcuaacgcucac
```

Sequence			
....auuuccaucuguagggcuaac......	1	0	s72
................Auaaacccgaaggucguggguucgauuccc..	1	1	s52
....................aaacccgaaggucgugggu..	7	0	s52
....................aaacccgaaggucguggguu...	8	0	s52
....................aaacccgaaggucguggguA...	1	1	s52
....................aaacccgaaggucguCgguu...	2	1	s52
....................aaacccgaaggucgugggguA..	3	1	s52
....................aaacccgaaggucguggguuc..	3	0	s52
....................aaacccgaaggucguggguuU..	1	1	s52
.....................aacccgaaggucgugggu..	36	0	s52
.....................aacccgaaggucguggguu...	4	0	s52
.....................aacccgaaggucguggguuc..	2	0	s52
......................acccgaaggucguggguu...	12	0	s52
......................acccgaaggucguggguuc..	16	0	s52
......................acccgaaggucguggguucgauuU...	1	1	s52
.......................cccgaaggucguggguuc..	4	0	s52
...........................Agaaggucguggguucgauucc..	1	1	s52
..............................Acguggguucgauucccacccugguc...................................	1	1	s52
....................................Acgauucccacccuggucagag.................................	2	1	s52
....................................Acgauucccacccuggucagagu................................	1	1	s52
.....................................Agauucccacccuggucagag.................................	3	1	s52
....auucccacccuggucagag.................................	15	0	s52
....auuccacccuggucagagu.................................	4	0	s52
....auuccacccuggucagaguu................................	15	0	s52
....auuccacccuggucagCguu................................	2	1	s52
....auuccacccuggucagaguuu...............................	10	0	s52
....auuccacccuggucagCguuu...............................	1	1	s52
....auuccacccuggucagaguuuu..............................	9	0	s52
....auucGcacccuggucagaguuuuu............................	1	1	s52
....auuccacccuggucagaguuuuu.............................	2	0	s52
....uucccacccuggucagag.................................	1	0	s52
....uucccacccuggucagagu................................	1	0	s52
....uucccacccuggucagaguu...............................	2	0	s52
....ucccacccuggucagagu................................	2	0	s52
....ucccacccuggucagaguuu..............................	1	0	s52
....ucccacccuggucagaguuuu.............................	4	0	s52
....cccacccuggucagaguu...............................	4	0	s52
....cccacccuggucagaguuu..............................	4	0	s52
....cccacccuggucagaguuuu.............................	3	0	s52
....ccacccuggucagaguuuu.............................	3	0	s52
....cacccuggucagaguuuu.............................	3	0	s52
....cacccuggucagaguuuuu............................	1	0	s52
....acccuggucagaguuuuu............................	7	0	s52
....Auccuugugugggcccauuuccaucugua..............	1	1	s52
....Auugugugggcccauuuccaucuguag..............	1	1	s52
....uugugugggcccauuuccaucuguagg.............	1	0	s52
....auuuccaucuguagggcuaacg.....	1	0	s52
cgguagagcggcggagau...	1	0	s23
cgguagagGggcggagauc..	1	1	s23
cgguagagcggcggagauc..	1	0	s23
.gguagagcggcggagauc..	2	0	s23
..guagagcggcggagaucu...	1	0	s23
..............aucuaaacccgaaggucgugg..	1	0	s23
................Auaaacccgaaggucgug...	1	1	s23
....................aaacccgaaggucguCgg...	1	1	s23
....................aaacccgaaggucguggg...	1	0	s23
....................aaacccgaaggucgugggu..	5	0	s23
....................aaacccgaaggucguCggu..	2	1	s23
....................aaacccgaaggucgugggguA..	6	1	s23
....................aaaccUgaaggucguggguu...	1	1	s23
....................aaacccgaaggucguggguu...	8	0	s23
....................aaaccAgaaggucguggguu...	1	1	s23
....................aaaccAgaaggucguggguuc..	1	1	s23
....................aaacccgaaggucguCgguuc..	2	1	s23
....................aaaccUgaaggucguggguuc..	1	1	s23
....................aaacccgaaggucguggguuc..	9	0	s23
....................aaacccgaaggucgugggguCc...	1	1	s23
....................aaacccgaaggucgugggguuA...	4	1	s23

Mature　　　　　　　　　　　　　　　**Star**

```
cgguagagcggcggagaucuaaacccgaaggucguggguucgaucccacccuggucagaguuuuucucuguccuugugugggcccauuuccaucuguagggcuaacgcucac
....................aaacccgaaggucguggguuU..........................................................................  2   1   s23
....................aaacccgaGggucguggguucgauu......................................................................  1   1   s23
....................aaacccgaaggucguggguucgauA......................................................................  2   1   s23
....................aaacccgaaggucguggguucCauu......................................................................  1   1   s23
....................aaacccgaaggucguggguucgauu......................................................................  1   0   s23
.....................aacccgaaggucgugggu............................................................................ 19   0   s23
.....................aacccgaaggucguggguuc..........................................................................  1   0   s23
.....................aacccgaaggucguggguucgauu......................................................................  1   0   s23
......................acccgaaggucguggguu...........................................................................  9   0   s23
......................acccgaaggucguggguuc.......................................................................... 10   0   s23
.......................cccgaaggucguggguuc..........................................................................  1   0   s23
......................Accgaaggucguggguucgauccc.....................................................................  1   1   s23
.......................Agaaggucguggguucgauuc.......................................................................  1   1   s23
.......................Agaaggucguggguucgauucccacc..................................................................  1   1   s23
.......................Agaaggucguggguucgauucccaccc.................................................................  1   1   s23
.............................Agauucccacccuggucagaguuuu.............................................................  1   1   s23
..............................auucccacccuggucaga...................................................................  2   0   s23
..............................auucccacccuggucagagu.................................................................  6   0   s23
..............................auucccacccuggucagaguu................................................................  8   0   s23
..............................auucccacccuggucagaguuu...............................................................  14  0   s23
..............................auucGcacccuggucagaguuuu..............................................................  1   1   s23
..............................auucccacccuggucagaguuuu.............................................................. 16   0   s23
..............................auuccccacccuggucagaguuuuG............................................................  1   1   s23
..............................auuccccacccuggucagaguuuuu............................................................  2   0   s23
...............................uucccacccuggucagaguuuu.............................................................  2   0   s23
................................ucccacccuggucagaguu...............................................................  1   0   s23
................................ucccacccuggucagaguuu..............................................................  1   0   s23
................................ucccacccuggucagaguuuu.............................................................  1   0   s23
................................ucccacccuggucagaguuuuuc...........................................................  1   0   s23
.................................cccacccuggucagaguu..............................................................  1   0   s23
.................................cccacccuggucagaguuu.............................................................  1   0   s23
.................................cccacccuggucagaguuuu............................................................  5   0   s23
..................................ccacccuggucagaguuu............................................................  1   0   s23
..................................ccacccuggucagaguuuu...........................................................  2   0   s23
..................................ccacccuggucagaguuuuu..........................................................  1   0   s23
...................................cacccuggucagaguuuu..........................................................  1   0   s23
...................................cacccuggucagaguuuuu.........................................................  2   0   s23
....................................acccuggucagaguuuuu......................................................... 10   0   s23
.......................................cuggucagaguuuuucuc.....................................................  1   0   s23
............................................agaguuuuucucuguccuugug...........................................  1   0   s23
.................................................uuuucucuguccuuguguggg.......................................  1   0   s23
..................................................uucucuguccuuguguggg.......................................  1   0   s23
.................................................Aucucuguccuugugugggcccauu...................................  1   1   s23
..................................................Acucuguccuugugugggcccauu..................................  1   1   s23
..................................................Acucuguccuugugugggcccauuu.................................  1   1   s23
....................................................Auccuugugugggcccauuuccaucuguag...........................  2   1   s23

cgguagagcggcggagau.................................................................................................  1   0   s13
cgguagCgcggcggagauc................................................................................................  1   1   s13
.gguagagcggcCgagauc................................................................................................  1   1   s13
.gguagagcggcggagaucu...............................................................................................  1   0   s13
..guagaAcggcggagaucua..............................................................................................  1   1   s13
..Auagagcggcggagaucuaaa............................................................................................  1   1   s13
....agagcggcggagaucuaaacccgaagg....................................................................................  1   0   s13
..................aaacccgaaggucguggg...............................................................................  4   0   s13
..................aaacccgaaggucguggguu............................................................................. 15   0   s13
..................aaacccgaaggucguggguA..............................................................................  2   1   s13
..................aaacccgaaggucguggguA..............................................................................  9   1   s13
..................aaacccgaaggucguggguu.............................................................................. 10   0   s13
..................aaaccAgaaggucguggguu..............................................................................  1   1   s13
..................aaacUcgaaggucguggguu..............................................................................  1   1   s13
.................aCaccgaaggucguggguu................................................................................  1   1   s13
..................aaacccgaaggucguggguAc.............................................................................  2   1   s13
..................aaacccgaaggucguggguuU.............................................................................  8   1   s13
..................aaacccgaaggucguggguuc.............................................................................  3   0   s13
..................aaacccgaaggucguggguucC............................................................................  1   1   s13
...................aacccgaaggucgugggu...............................................................................  3   0   s13
...................aacccgaaggucguggguu..............................................................................  2   0   s13
...................aacccgaaggucguggguuc.............................................................................  2   0   s13
....................acccgaaggucguggguu..............................................................................  6   0   s13
```

Mature   **Star**

`cgguagagcggcggagaucuaaacccgaaggucguggguucgauucccacccuggucagaguuuuucucuguccuugugugggcccauuuccaucuguagggcuaacgcucac`

Read sequence			
acccgaaggucgugggguuc	1	0	s13
cccgaaggucgugggguuc	1	0	s13
Accgaaggucgugggguucga	1	1	s13
Accgaaggucgugggguucgau	1	1	s13
Accgaaggucgugggguucgauucccaccc	1	1	s13
Acgaaggucgugggguucg	2	1	s13
ccgaaggucgugggguucgauuU	1	1	s13
Agaaggucgugggguucgauu	1	1	s13
Acgugggguucgauucccacccuggucagag	1	1	s13
Agauucccacccuggucagag	1	1	s13
auucGcacccuggucagaguuu	1	1	s13
auucccacccuggucagaguuuu	1	0	s13
cccacccuggucagaguuu	2	0	s13
cccacccuggucagaguuuu	1	0	s13
acccuggucagaguuuuu	1	0	s13
uuuucucuguccuuguguggg	1	0	s13
uuucucuguccuuguguggg	1	0	s13
uucucuguccuuguguggg	1	0	s13
Aucucuguccuugugugggcccauu	1	1	s13
ucucuguccuuguguggg	1	0	s13
ucucuguccuugugugggccc	2	0	s13
cucuguccuugugugggcccauu	1	0	s13
ucuguccuugugugggcccauu	1	0	s13
Auuccaucguagggcuaacg	1	1	s13
Auuccaucguagggcuaacgc	1	1	s13
uuccaucguagggcuaa	1	0	s13
aaacccgaaggucguCgg	1	1	s09
aaacccgaaggucgugggu	5	0	s09
aaacccgaaggucguCggu	1	1	s09
aaacccgaaggucgugggguA	4	1	s09
aaacccgaaggucgugggguu	3	0	s09
aaacccgaaggucgugggguuU	5	1	s09
aaacccgaaggucgCgguuc	2	1	s09
aaccgaaggucgugggguu	2	0	s09
acccgaaggucgugggguuc	1	0	s09
Acgauucccacccuggucag	1	1	s09
auucccacccuggucagag	4	0	s09
auucccacccuggucagagu	1	0	s09
auucccacccuggucagaguu	1	0	s09
ucccacccuggucagaguuu	2	0	s09
cccacccuggucagaguuuu	1	0	s09
ggucagCguuuuucucuguccuuguguggg	1	1	s09
cagaguuuuucucuguccuuguguggg	1	0	s09
agaguuuuucucuguccuuguguggg	1	0	s09
uucucuguccuuguguggg	6	0	s09
Aucucuguccuugugugggcccauuuccau	1	1	s09
Auugugugggcccauuuccaucuguaggg	1	1	s09
Auuccaucguagggcuaacgcu	1	1	s09
cgguagagcggcggagau	2	0	s35
cgguagCgcggcggagau	1	1	s35
cgguagagcggcggagauc	1	0	s35
cgguagagcggcggagaucu	2	0	s35
gguagagcggcggagauUu	1	1	s35
guagagcggcggagaucua	1	0	s35
uagagcggcggagaucuaa	1	0	s35
Aggagaucuaaacccgaaggucg	1	1	s35
aaacGcgaaggucguggg	1	1	s35
aaacccgaaggucguggg	2	0	s35
aaacccgaaggucgugggA	1	1	s35
aaacccgaaggucgugggu	4	0	s35
aaacGcgaaggucguggguu	1	1	s35
aaacccgaaggucgugggguA	4	1	s35
aaacccgaaggucgugggguu	11	0	s35
aaaccUgaaggucgugggguuc	1	1	s35
aaacUcgaaggucgugggguuc	1	1	s35
aaacccgaaggucgugggguuU	1	1	s35
aaaccAgaaggucgugggguuc	1	1	s35
aaacccgaaggucgugggguuc	3	0	s35

```
                    Mature                                    Star

cgguagagcggcggagaucuaaacccgaaggucguggguucgauucccacccuggucagaguuuuucucuguccuugugugggcccauuuccaucguagggcuaacgcucac

...................aaacccgaaggucguggguuA.........................................................   4    1   s35
...................aaacccgaaggucguggguucU........................................................   1    1   s35
...................aaacccgaaggucguggguucC........................................................   1    1   s35
...................aaacccgaaggucguggguucgauu.....................................................   3    0   s35
..................aacccgaaggucgugggu.............................................................  37    0   s35
..................aacccgaaggucguggguu............................................................   1    0   s35
..................aacccgaaggucguggguuc...........................................................   3    0   s35
..................aacccgaaggucguggguucgauuc......................................................   1    0   s35
.................acccgaaggucguggguu..............................................................  27    0   s35
.................acccgaaggucguggguuc.............................................................   9    0   s35
.........................Agucguggguucgauucccacccugguc............................................   2    1   s35
..........................gucguggguucgauucccacccugguc............................................   1    0   s35
.............................Agugguucgauucccacccugguc............................................   1    1   s35
.............................Agugguucgauucccacccuggucagagu.......................................   1    1   s35
...............................ggguucgauucccacccuggucagCguuuu....................................   1    1   s35
...................................Acgauucccacccuggucagaguu......................................   2    1   s35
....................................Agauucccacccuggucagaguu......................................   1    1   s35
......................................auucccacccuggucaga.........................................   1    0   s35
......................................auucccacccuggucagag........................................   3    0   s35
......................................auucccacccuggucagagu.......................................  11    0   s35
......................................auucGcacccuggucagagu.......................................   3    1   s35
......................................auucccacccuggucagCgu.......................................   1    1   s35
......................................auucccacccuggucagaguu......................................   7    0   s35
......................................auucGcacccuggucagaguuu.....................................   3    1   s35
......................................auucccacccuggucagaguuu.....................................  12    0   s35
......................................auucGcacccuggucagaguuuu....................................   5    1   s35
......................................auucccacccuggucagaguuuu....................................   6    0   s35
......................................auucccacccuggucagaguuuuu...................................   3    0   s35
.......................................uucccacccuggucagaguuuu....................................   2    0   s35
........................................ucccacccuggucagaguu.....................................   2    0   s35
........................................ucccacccuggucagaguuu....................................   2    0   s35
........................................ucccacccuggucagaguuuuu..................................   1    0   s35
.........................................cccacccuggucagaguu.....................................   1    0   s35
..........................................ccacccuggucagaguuu....................................   1    0   s35
..........................................ccacccuggucagaguuuu...................................   1    0   s35
...........................................cacccuggucagaguuuu...................................   1    0   s35
............................................acccuggucagaguuuuu..................................   1    0   s35
.............................................agaguuuuucucuguccuugugugggccc.......................   1    0   s35
..............................................gaguuuuucucuguccuuguguggg.........................   1    0   s35
...............................................aguuuuucucuguccuugugu............................   1    0   s35
....................................................uuucucuguccuugugugggcccauu..................   1    0   s35
......................................................ucucuguccuuguguggg........................   1    0   s35
......................................................ucucuguccuugugugggcccau...................   1    0   s35
......................................................ucucuguccuugugugggcccauuu.................   1    0   s35
.....................................................................Auugugugggcccauuuccaucguagg............   1    1   s35
.......................................................................Agggcccauuuccaucguagggcuaa.......   1    1   s35
.............................................................................aucguagggcuaacgcu...   7    0   s35
.............................................................................aucguagggcuaacgcuU..   1    1   s35

.gguagagcggcggagaucu.............................................................................   1    0   s85
...................aaacccgaaggucgugggg...........................................................   1    0   s85
...................aaacccgaaggucgugggu...........................................................   1    0   s85
...................aaacccgaaggucguggguuc.........................................................   1    0   s85
..................aacccgaaggucgugggu.............................................................   2    0   s85
..................aacccgaaggucguggguu............................................................   1    0   s85
..................aacccgaaggucguggguuc...........................................................   5    0   s85
.................acccgaaggucguggguu..............................................................   8    0   s85
.................acccgaaggucguggguuc.............................................................  23    0   s85
.................acccgaaggucguggguucg............................................................   3    0   s85
..................cccgaaggucguggguuc.............................................................   1    0   s85
......................................auucccacccuggucaga.........................................   1    0   s85
......................................auucccacccuggucagag........................................   7    0   s85
......................................auucccacccuggucagagu.......................................   4    0   s85
......................................auucccacccuggucagaguu......................................   1    0   s85
.....................................................................Auugugugggcccauuuccaucguagg............   1    1   s85

cgguagagcggcggagauc..............................................................................   1    0   s60
.gguagagcggcggagaCc..............................................................................   1    1   s60
.gguagagcggcggagauc..............................................................................   1    0   s60
...uagagcggcggagaucuaa...........................................................................   1    0   s60
```

```
cgguagagcggcggagaucuaaacccgaaggucguggguucgauucccacccuggucagaguuuuucucuguccuugugugggcccauuuccaucguagggcuaacgcucac

.....................aaaccUgaaggucguggg...........................................................................     6     1     s60
.....................aaacccgaaggucguggg...........................................................................     5     0     s60
.....................aaacccgaaggucgugggA..........................................................................     1     1     s60
.....................aaacccgaaggucgugggu..........................................................................     8     0     s60
.....................aaacccgaaggucguggguu.........................................................................     3     0     s60
.....................aaacccgaaggucguggguuc........................................................................     2     0     s60
.....................aaacccgaaggucguggguucgauu....................................................................     1     0     s60
......................aacccgaaggucguggguu.........................................................................    29     0     s60
......................aacccgaaggucguggguu.........................................................................     8     0     s60
......................aacccgaaggucguggguuc........................................................................     8     0     s60
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.......................acccgaaggucguggguuc........................................................................    16     0     s60
........................cccgaaggucguggguuc........................................................................     2     0     s60
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.............................................auucccacccuggucaga..................................................     4     0     s60
.............................................auucccacccuggucagag.................................................    17     0     s60
.............................................auucccacccuggucagagu................................................     5     0     s60
.............................................auucccacccuggucagaguu...............................................     8     0     s60
.............................................auucGcacccuggucagaguuu..............................................     1     1     s60
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.............................................auucGcacccuggucagaguuuu.............................................     1     1     s60
.............................................auucccacccuggucagaguuuu.............................................     7     0     s60
.............................................auuccGacccuggucagaguuuuu............................................     1     1     s60
.............................................auucccacccuggucagaguuuuucuc.........................................     1     0     s60
..............................................uucccacccuggucagaguuu.............................................     1     0     s60
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...............................................ucccacccuggucagaguu..............................................     2     0     s60
.................................................acccuggucagaguuuuu.............................................     3     0     s60
.................................................................uucucuguccuugugugggccc.........................     1     0     s60
..................................................................ucucuguccuugugugggcc..........................     1     0     s60
.........................................................................Augugugggcccauuuccaucguag.............     1     1     s60
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...........................................................................auuuccaucguagggcuaacg.....          1     0     s60
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