Provisional ID	:	Pocillopora_meandrina_HIv1___Sc0000001_90046
Score total	:	5.3
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	6311
Mature read count	:	5887
Loop read count	:	0
Star read count	:	424


```
                                           Mature                    Star

5'- aaaaaguuguggucucucuccgcucuuaaaaucuccuagcuauugaauagcuaggagguuuuaaaagaggagagacaacacaagcaaccuaacuuaaccuuuacaccccc  -3'   obs
    aaaaaguuguggucucucuccgcucuuaaaaucuccuagcuauugaauagcuaggagguuuuaaaagaggagagacaacacaagcaaccuaacuuaaccuuuacaccccc        exp
    ......(((((..(((((((((.((.(((((((((((((((((((...)))))))))))))))))).)).)))))))...)))))........................   reads  mm    sample
    aaaaaguuguggucucucuc.................................................................................................   1      0     seq
    .................uccgcucuuaaaaucuccA.................................................................................   1      1     seq
    .................uccgcCcuuaaaaucuccuagcu.............................................................................   2      1     seq
    .................uccgcucuuaaaaucuccuagcA.............................................................................   1      1     seq
    .................uccgcucCuaaaaucuccuagcu.............................................................................   1      1     seq
    .................Cccgcucuuaaaaucuccuagcu.............................................................................   1      1     seq
    .................uccgcucuuaaaaucuccuagcua............................................................................   3      0     seq
    .................uccAcucuuaaaaucuccuagcua............................................................................   1      1     seq
    .................Cccgcucuuaaaaucuccuagcua............................................................................   2      1     seq
    .................uccgcucuuaaaaucuccuagcuaA...........................................................................   1      1     seq
    .................ccgcucuuaaaaucuccuaA................................................................................   1      1     seq
    .................ccgcucuuaaaaucuccuagcuau............................................................................   1      0     seq
    .................cgcucuuaaaaucuccA...................................................................................   1      1     seq
    .................cgcucuuaaaaucuccu...................................................................................   6      0     seq
    .................cgcucuuaaaaucuccC...................................................................................   2      1     seq
    .................Ugcucuuaaaaucuccua..................................................................................   1      1     seq
    .................cgcucuuaaaaucuccuU..................................................................................   1      1     seq
    .................cgcucuuaaaaucuccua..................................................................................   96     0     seq
    .................cgcucuuaaaaucCccua..................................................................................   1      1     seq
    .................Agcucuuaaaaucuccua..................................................................................   2      1     seq
    .................cgcucuuaaaaucuccAa..................................................................................   1      1     seq
    .................cgcucuuaaaaucuccuG..................................................................................   2      1     seq
    .................cgcucuuaaaaucucAua..................................................................................   4      1     seq
    .................cgcucuuaaaaucCccuag.................................................................................   1      1     seq
    .................cgcucuuaaaaucuccuag.................................................................................   100    0     seq
    .................cgcucuuaaaaucuccuCg.................................................................................   5      1     seq
    .................cUcucuuaaaaucuccuag.................................................................................   1      1     seq
    .................cgcucuuaaaaucuccuaU.................................................................................   27     1     seq
    .................cgcucuuaaaaCcuccuag.................................................................................   1      1     seq
    .................cgcucuuaaaaucuccuaA.................................................................................   19     1     seq
    .................cgcucuuaaaaucuccuaC.................................................................................   7      1     seq
    .................cgcucuuaaaaucuccuUg.................................................................................   1      1     seq
    .................cgcucuuaaaaucuccuagG................................................................................   5      1     seq
```

```
aaaaaguuguggucucucuccgcucuuaaaaaucuccuagcuauugaauagcuaggagguuuuaaaagagggagagacaacacaagcaaccuaacuuaaccuuuacacccc

.................cgcucuuaaaaAcuccuagc.                                                1    1    seq
.................cgcucuuGaaaucuccuagc.                                                2    1    seq
.................cgcucuuaaaaCcuccuagc.                                                1    1    seq
.................cgcucuuaaGaucuccuagc.                                                2    1    seq
.................Ggcucuuaaaaucuccuagc.                                                1    1    seq
.................cgcucuuaaaaucuccCagc.                                                1    1    seq
.................cgcucuuaaaaucuccuCgc.                                                1    1    seq
.................cgcucuuaaaaucuccuagA.                                                56   1    seq
.................Ugcucuuaaaaucuccuagc.                                                2    1    seq
.................cgcucuuaaUaucuccuagc.                                                1    1    seq
.................cgcucuuaaaaucCcuagc.                                                 2    1    seq
.................cgcucuuaaaaucuccuaAc.                                                23   1    seq
.................cgcucuuaaaaucucAuagc.                                                1    1    seq
.................cgcucuuaaaaucuccuagU.                                                91   1    seq
.................cgcucuuaaaaucuccuagc.                                                575  0    seq
.................Agcucuuaaaaucuccuagc.                                                2    1    seq
.................cgcucuuaaaaucuccuGgc.                                                1    1    seq
.................cgcucuCaaaaucuccuagc.                                                1    1    seq
.................cgcucuuaaaaucuccAagc.                                                2    1    seq
.................cgcucuuaaaGucuccuagc.                                                2    1    seq
.................cAcucuuaaaaucuccuagc.                                                7    1    seq
.................cgcucuuaaaaucuccuagUu.                                               2    1    seq
.................cgcAcuuaaaaucuccuagcu.                                               1    1    seq
.................cgcucuuaGaaucuccuagcu.                                               1    1    seq
.................cgcucuuaaGaucuccuagcu.                                               2    1    seq
.................cAcucuuaaaaucuccuagcu.                                               2    1    seq
.................cgcCcuuaaaaucuccuagcu.                                               2    1    seq
.................cgcucuuaaaaucuccuUgcu.                                               1    1    seq
.................Ugcucuuaaaaucuccuagcu.                                               1    1    seq
.................cgcucuuaaaaucuccuagcG.                                               36   1    seq
.................cgcucuuaaaaucuccuagcC.                                               59   1    seq
.................cgcucuuaaaaucuccuagcu.                                               253  0    seq
.................Agcucuuaaaaucuccuagcu.                                               1    1    seq
.................cgcucuuaaaaucuccuagcA.                                               108  1    seq
.................cgcucuuaaaaucuccuagAu.                                               1    1    seq
.................cgcucuuaUaaucuccuagcua.                                              1    1    seq
.................Ugcucuuaaaaucuccuagcua.                                              8    1    seq
.................cgcucuuaaaaucuccuGgcua.                                              9    1    seq
.................cgcCcuuaaaaucuccuagcua.                                              4    1    seq
.................cAcucuuaaaaucuccuagcua.                                              14   1    seq
.................cgcucuuaaaaucuccuagcua.                                              942  0    seq
.................cgcucuuaaaaucCcuagcua.                                               2    1    seq
.................cgcucuuaaaaucuccuaAcua.                                              1    1    seq
.................cgcucCaaaaucuccuagcua.                                               1    1    seq
.................cgcucuuaaaaucuccuagcCa.                                              29   1    seq
.................cgcucuuaaaaucuccuUgcua.                                              1    1    seq
.................cgcucuuaaaaucuccuagcuC.                                              3    1    seq
.................cgcucuuaaaaucuccCagcua.                                              1    1    seq
.................Agcucuuaaaaucuccuagcua.                                              5    1    seq
.................cgcucuuaaaaucuccuagcGa.                                              5    1    seq
.................cgUucuuaaaaucuccuagcua.                                              1    1    seq
.................cgcucuuaaaaucuccuagcAa.                                              10   1    seq
.................cgcucuuaaaaucuccuagcuU.                                              6    1    seq
.................cgcucuuaaaaucUcuagcua.                                               1    1    seq
.................Ggcucuuaaaaucuccuagcua.                                              2    1    seq
.................cgcucuAaaaaucuccuagcua.                                              1    1    seq
.................cgcucuuaGaaucuccuagcua.                                              4    1    seq
.................cgcucuuaaGaucuccuagcua.                                              10   1    seq
.................cgcucuuaaaaucuccuagUua.                                              6    1    seq
.................cgcucuuaaaaucuccuagcuG.                                              31   1    seq
.................cUcucuuaaaaucuccuagcua.                                              3    1    seq
.................cgcucuuaaaaucuccuaUcua.                                              1    1    seq
.................cgcucuuaaaaucuccCagcuau.                                             2    1    seq
.................cgcucuuGaaaucuccuagcuau.                                             1    1    seq
.................cgcucuuaaaaCcuccuagcuau.                                             5    1    seq
.................Ugcucuuaaaaucuccuagcuau.                                             5    1    seq
.................cgcAcuuaaaaucuccuagcuau.                                             1    1    seq
.................cgcucuuaaaaucuccuagcuGu.                                             70   1    seq
aaaaaguuguggucucucuccgcucuuaaaaaucuccuagcuCuugaauagcuaggagguuuuaaaagagggagagacaacacaagcaaccuaacuuaaccuuuacacccc   1    1    seq
.................cgcucuuaaaaucuccuagAuau.                                             1    1    seq
```

```
aaaaaguuguggucucucucucgcucuuaaaaucuccuagcuauugaauagcuaggagguuuuaaaagaggagagacaacacaagcaaccuaacuuaaccuuuacaccc
....................cgcucuuaaaaucuccuaUcuau.....................................................................        1     1      seq
....................cgcucuuaaaauUuccuagcuau.....................................................................        1     1      seq
....................cgcucuuaaaaucuccuagcuUu.....................................................................       25     1      seq
....................cgcCcuuaaaaucuccuagcuau.....................................................................        6     1      seq
....................cgcucuCaaaaucuccuagcuau.....................................................................        1     1      seq
....................cAcucuuaaaaucuccuagcuau.....................................................................       18     1      seq
....................cgcucuuaaaaucuccuGgcuau.....................................................................       18     1      seq
....................cgcucuuaaaaucuccuagcuaC.....................................................................      397     1      seq
....................cgcucuuaaaaucuccuagcuaG.....................................................................       85     1      seq
....................cgcucuuaaaaucuccuaAcuau.....................................................................        1     1      seq
....................cgcucuuaaaaucuUuagcuau.....................................................................        3     1      seq
....................cgcucuuaaaaucuccuagcCau.....................................................................        2     1      seq
....................cgcucuuaaaaucuccuagcuaA.....................................................................      135     1      seq
....................cCcuuaaaaucuccuagcuau.....................................................................        1     1      seq
....................cgUucuuaaaaucuccuagcuau.....................................................................        4     1      seq
....................cgcucCuaaaaucuccuagcuau.....................................................................        7     1      seq
....................cgcucuuaaaaucCccuagcuau.....................................................................        7     1      seq
....................cgcucuuaaGaucuccuagcuau.....................................................................        9     1      seq
....................cgcucuuaaaGucuccuagcuau.....................................................................        6     1      seq
....................Agcucuuaaaaucuccuagcuau.....................................................................        3     1      seq
....................cgcucuuUaaaucuccuagcuau.....................................................................        1     1      seq
....................cgcucuuaGaaucuccuagcuau.....................................................................        4     1      seq
....................cgcucuuaaaaucuccuagcuau.....................................................................     1605     0      seq
....................cgcucuuaaaaucuccuagUuau.....................................................................       12     1      seq
....................cgcucuuaaaaucuccuagcGau.....................................................................        1     1      seq
....................Ggcucuuaaaaucuccuagcuau.....................................................................        5     1      seq
....................cgcucAuaaaaucuccuagcuau.....................................................................        1     1      seq
....................cgcucuuaaaaucuccuCgcuau.....................................................................        1     1      seq
....................cgcucuuGaaaucuccuagcuauu....................................................................        1     1      seq
....................Ugcucuuaaaaucuccuagcuauu....................................................................        5     1      seq
....................cgcucuuaaaaucGccuagcuauu....................................................................        1     1      seq
....................cgcucuuaaaaucuAcuagcuauu....................................................................        1     1      seq
....................cgcucuuaaaaucuccuGgcuauu....................................................................        3     1      seq
....................cgcucuuaaaaCcuccuagcuauu....................................................................        1     1      seq
....................cgcucuCaaaaucuccuagcuauu....................................................................        3     1      seq
....................cAcucuuaaaaucuccuagcuauu....................................................................        4     1      seq
....................cgcucuuaaaaucuccuagcuauA....................................................................       99     1      seq
....................cgcucuuaaaaucuccuaAcuauu....................................................................        2     1      seq
....................cgcucuuaaaaucuccuagUuauu....................................................................       12     1      seq
....................Ggcucuuaaaaucuccuagcuauu....................................................................        3     1      seq
....................cgcucuuaaaaucuccuagcuUuu....................................................................        2     1      seq
....................cgcucuuaaGaucuccuagcuauu....................................................................        2     1      seq
....................Agcucuuaaaaucuccuagcuauu....................................................................        2     1      seq
....................cgcucuuaaaaucuccuagcuauC....................................................................       61     1      seq
....................cgcucuuaaaaucuccCagcuauu....................................................................        1     1      seq
....................cgcucuuaaaaucuccuagcuaCu....................................................................       10     1      seq
....................cgcucuuaaaaucuccuagcuauu....................................................................      367     0      seq
....................cgcucuuaaaaucuccuagcuauG....................................................................        7     1      seq
....................cgcucuuaaaaucuccuagcuaAu....................................................................       11     1      seq
....................cgcucAuaaaaucuccuagcuauu....................................................................        1     1      seq
....................cgcucuuaGaaucuccuagcuauu....................................................................        1     1      seq
....................cgcucuuaaaaucuccuagcuaGu....................................................................       16     1      seq
....................cgcucuuaaaaucuccuagcuauuU...................................................................       18     1      seq
....................cgcucuuaaaaucuccuagcuauuC...................................................................        4     1      seq
....................cgcucuuaaaaucuccuagcuauuA...................................................................       49     1      seq
....................cgcucuuaaaaucuccuagcuauuUa..................................................................        3     1      seq
....................cgcucuuaaaaucuccuagcuauugU..................................................................        1     1      seq
....................gcucuuaaaaucuccuaA.........................................................................        1     1      seq
....................gcucuuaaaaucuccuag.........................................................................        3     0      seq
....................gcucuuaaaaucuccuagc........................................................................        6     0      seq
....................gcucuuaaaaucuccuagcC.......................................................................        1     1      seq
....................Acucuuaaaaucuccuagcu.......................................................................        1     1      seq
....................gcucuuaaaaucuccuagcG.......................................................................        5     1      seq
....................gcucCuaaaaucuccuagcu.......................................................................        1     1      seq
....................gcucuuaaaaucuccuagcA.......................................................................        2     1      seq
....................gcucuuaaaaucuccuagcu.......................................................................        6     0      seq
....................gcucuuaaaaucuccuagcua......................................................................       23     0      seq
....................gcucuuaaaaucuccuagcuG......................................................................        1     1      seq
aaaaaguuguggucucucuc.gcucuuaaaaucuccuagcCa.ugaauagcuaggagguuuuaaaagaggagagacaacacaagcaaccuaacuuaaccuuuacaccc        5     1      seq
....................gcucuuaaaaucuccuagcuU......................................................................        1     1      seq
```

```
                Mature                    Star

aaaaaguuguggucucucuccgcucuuaaaaucuccuagcuauugaauagcuaggagguuuuaaaagaggagagacaacacaagcaaccuaacuuaaccuuuacacccc
...................Acucuuaaaaucuccuagcuau.....................................................................   1     1     seq
..................gcucuuaaaaucuccuagcuaA.....................................................................   4     1     seq
..................gcucuuaaaaucuccuagcuGu.....................................................................   2     1     seq
..................gcucuuaaaaucuccuagcuau.....................................................................  16     0     seq
..................gcucuuaaaaucuccuagcuaC.....................................................................   6     1     seq
..................gcucuuaaaaucuccuagcuaG.....................................................................   1     1     seq
..................gcucuuaaaaucuccuagcuauu....................................................................   1     0     seq
..................Acucuuaaaaucuccuagcuauu....................................................................   1     1     seq
...................cucuuaaaaucuccuagcu.......................................................................   1     0     seq
...................cucuuaaaaucuccuagcuG......................................................................   1     1     seq
...................cucuuaaaaucuccuagcua......................................................................   3     0     seq
...................cucuuaaaaucuccuagcuGu.....................................................................   1     1     seq
...................cucuuaaaaucuccuagcuaC.....................................................................   1     1     seq
...................cucuuaaaaucuccuagcuauu....................................................................   1     0     seq
...................cucuuaaaaucuccuagcuauuA...................................................................   1     1     seq
....................ucuuaaaaucuccuagcua......................................................................   1     0     seq
....................ucuuaaaaucuccuagcuaC.....................................................................   1     1     seq
....................ucuuaaaaucuccuagcuau.....................................................................   1     0     seq
.....................cuuaaaaucuccuagcuauG....................................................................   1     1     seq
......................uuaaaaucuccuagcuau.....................................................................   2     0     seq
......................uuaaaaucuccuagcuauu....................................................................   1     0     seq
.............................agcuaggagguuuuaaaagagg..........................................................   1     0     seq
..............................gcuaggagguuuuaaaag............................................................   6     0     seq
..............................gcuaggagguuuuaaaaU............................................................   1     1     seq
..............................gcuaggagguuuuGaaaga...........................................................   1     1     seq
..............................gcuaggagguuuuaaaaga...........................................................   1     0     seq
..............................gcuaggagguuuuaaaagaA..........................................................   3     1     seq
..............................gcuaggagguuuuaaaagaC..........................................................   1     1     seq
..............................gcuaggagguuuuaaaagag..........................................................   6     0     seq
..............................Ccuaggagguuuuaaaagagg.........................................................   1     1     seq
..............................gcuaggagguuuuGaaagagg.........................................................   3     1     seq
..............................gcuaggagguuuuaaaagagg.........................................................   6     0     seq
..............................gcuaggagguuuuaaaagagA.........................................................   4     1     seq
..............................gcuaggagguuuuaaaagagU.........................................................   2     1     seq
..............................gcuaggagguuuuaaaagagga........................................................  58     0     seq
..............................gcuGgagguuuuaaaagagga.........................................................   1     1     seq
..............................gcuaggagguuuuGaaagagga........................................................   8     1     seq
..............................gcuaggagguuuuaaaagaggU........................................................   2     1     seq
..............................gcuaggaggCuuuaaaagagga........................................................   1     1     seq
..............................gcuaggagguuuuaaaagaggG........................................................   5     1     seq
..............................gcuaggagguuuuaaGagagga........................................................   1     1     seq
..............................gcuaggagguuuuaaaagaggaC.......................................................   3     1     seq
..............................gcuaggagguuuuaaaagaggaA.......................................................   4     1     seq
..............................gcuaggagguuuuaaaagaggaU.......................................................  34     1     seq
..............................gcuaggagguuuuaaaagaggaUa......................................................   1     1     seq
..............................gcuaggagguuuuaaaagaggagU......................................................   1     1     seq
...............................cuaggagguuuuGaaagagga........................................................   1     1     seq
...............................cuaggagguuuuaaaagagga........................................................   2     0     seq
...............................cuaggagguuuuaaaagaggaga......................................................   6     0     seq
................................uaggagguuuuaaaaga...........................................................   1     0     seq
................................uaggagguuuuaaaagaU..........................................................   1     1     seq
................................uaggagguuuuaaaagag..........................................................   3     0     seq
................................uaggagguuuuaaaagaA..........................................................   1     1     seq
................................uaggagguuuuaaaagagg.........................................................  25     0     seq
................................uaggagguuuuaaGagagg.........................................................   3     1     seq
................................uaggagguuuuaaaagGgg.........................................................   1     1     seq
................................uagAagguuuuaaaagagg.........................................................   1     1     seq
................................uaggagguuuuGaaagagg.........................................................   4     1     seq
................................uaggagguuuuaaaagagA.........................................................  11     1     seq
................................uaggagguuuuaaaagUgga........................................................   1     1     seq
................................uaggagguuuuaaGagagga........................................................   1     1     seq
................................uaggagguuuuGaaagagga........................................................   4     1     seq
................................uaggagguuuuaaaagaggC........................................................   3     1     seq
................................Caggagguuuuaaaagagga........................................................   4     1     seq
................................uGggagguuuuaaaagagga........................................................   1     1     seq
................................Aaggagguuuuaaaagagga........................................................   3     1     seq
................................uaggagguuuuaaaagagga........................................................ 122     0     seq
................................uaggagguuuuaaaagaggG........................................................   4     1     seq
aaaaaguuguggucucucuccgcucuuaaaaucuccuagcuauugaauagcuaggagguuuuaaaagaggaU....................................  48     1     seq
................................uaggagguuuuaaaagaggag.......................................................   1     0     seq
```

aaaaaguuguggucucucucc**gcucuuaaaaucuccuagcuau**ugaauagcu**aggagguuuuaaaagagga**gagacaacacaagcaaccuaacuuaaccuuuacacccc

....uaggagguuuuaaaagaggaC....................................	10	1	seq
....uaggagguuuuaaaagaggaA....................................	5	1	seq
....uaggagguuuuaaaagaggaUa...................................	1	1	seq
....uaggagguuuuaaaagaggagU...................................	1	1	seq