Provisional ID	: Pocillopora_meandrina_HIv1___Sc0000018_671832
Score total	: 10262
Score for star read(s)	: 3.9
Score for read counts	: 10252.2
Score for mfe	: 1.3
Score for randfold	: 1.6
Score for cons. seed	: 3
Total read count	: 20121
Mature read count	: 20069
Loop read count	: 0
Star read count	: 52

Mature   **Star**

```
5'- caaaaaagcauuguaaaacucuccgaacaguuuuagucugauguuuuacaccagacugauacuuguuuggaauauuuuacacuugcaaaaaguccaacuggaaagacaa   -3'    obs
     caaaaaagcauuguaaaacucuccgaacaguuuuagucugauguuuuacaccagacugauacuuguuuggaauauuuuacacuugcaaaaaguccaacuggaaagacaa          exp
     .......(((.(((((((...(((((((((.((((((((.((.((....))-)))))))).)).))))))))...))))))).)))......(((.....))).......    reads    mm       sample
```

sequence	reads	mm	sample
.................ucuccgaacaguuuuaguA..	3	1	seq
.................ucuccgaacaguuuuagCc..	3	1	seq
.................ucuccgaacGguuuuaguc..	2	1	seq
.................ucuccgaacaguuuuaguG..	1	1	seq
.................ucuccgaacaguuuuaguc..	76	0	seq
.................ucuccgaacaguuuuaguU..	3	1	seq
.................Ccuccgaacaguuuuaguc..	1	1	seq
.................ucuccgaacaguuuuagucu...	38	0	seq
.................ucuccgaacaguuuuagucA...	17	1	seq
.................ucuccgaacaguuuuagucG...	7	1	seq
.................ucuccgaacaguuuuagucC...	13	1	seq
.................ucuccgaacaguuuuagucuA..	11	1	seq
.................ucuccgaacaguuuuagucug..	30	0	seq
.................ucuccAaacaguuuuagucug..	1	1	seq
.................ucuccgaacaguuuuagucCga...	1	1	seq
.................ucuUcgaacaguuuuagucuga...	1	1	seq
.................ucuccgaacaguuuuagucugG...	1	1	seq
.................ucuccgaacaguuuuagucuga..	45	0	seq
.................ucuccgaacaUaguuuuagucuga...	1	1	seq
.................ucuccgaacaguuuuagucugU...	1	1	seq
.................ucuccgaacaguuuCagucuga...	1	1	seq
.................ucucUgaacaguuuuagucuga...	1	1	seq
.................ucuccgaacaguuuuagucugaC..	7	1	seq
.................ucuccgaacaguuuuagucugau..	17	0	seq
.................ucuccgaacGguuuuagucugau..	1	1	seq
.................ucuccgaacaguuuuGgucugau..	1	1	seq
.................ucGccgaacaguuuuagucugau..	1	1	seq
.................ucuccgaacaguuuuagucugauU...	9	1	seq
.................ucuccgaacaguuuuagucugauA...	34	1	seq
.................ucuccgaacaguuuuagucugaGg...	1	1	seq
.................ucuccgaacaguuuuagucuAaug...	1	1	seq
.................ucuccgaacaguuuuagucugaCg...	1	1	seq
.................ucuccgaacaguCuuagucugaug...	1	1	seq

```
caaaaaagcauuguaaaacucuccgaacaguuuuuagucugauguuuacaccagacugauacuuguuuggaauauuuuacacuugcaaaaaguccaacuggaaagacaa
.......................ucuccgaacaguuuuuagucugaug........................................................      84    0    seq
.......................ucuccgaacaguuuuuagucugauC........................................................       3    1    seq
.......................ucuccgaacaguuuuagCcugaug.........................................................       1    1    seq
.......................Acuccgaacaguuuuuagucugaug........................................................       1    1    seq
.......................ucuccgaacaguuuuuagucugaugC.......................................................       4    1    seq
.......................ucuccgaacaguuuuuagucugaugu.......................................................       3    0    seq
.......................ucuccgaacaguuuuuagucugauguu......................................................       3    0    seq
.......................ucuccgaacaguuuuuagucugauguuu.....................................................       1    0    seq
.......................ucuccgaacaguuuuuagucugauguuuac...................................................       2    0    seq
.......................ucuccgaacaguuuuuagucugauguuuacG..................................................       1    1    seq
.......................ucuccgaacaguuuuuagucugauguuuacU..................................................       1    1    seq
.......................ucuccgaacaguuuuuagucugauguuuacac.................................................       2    0    seq
.....................cAccgaacaguuuuuaguc...............................................................       4    1    seq
.....................cuccgaacaguuAuaguc................................................................       1    1    seq
.....................cCccgaacaguuuuuaguc...............................................................       1    1    seq
.....................cuccgaacaguuuuuagGc...............................................................       4    1    seq
.....................cuccgaacCguuuuuaguc...............................................................       4    1    seq
.....................cuccgaacaguuuuuaguA...............................................................      95    1    seq
.....................Uuccgaacaguuuuuaguc...............................................................       5    1    seq
.....................cuccgaacaAuuuuaguc................................................................       2    1    seq
.....................cuccgaacaguuuuUguc................................................................       1    1    seq
.....................cuccgaacaguuuuuagCc...............................................................      14    1    seq
.....................cuccgaacaguuuuuaguc...............................................................     947    0    seq
.....................cuccgaacCguuuuuaguc...............................................................       1    1    seq
.....................cuccgaacaguuuuuaguG...............................................................       1    1    seq
.....................cGccgaacaguuuuuaguc...............................................................       1    1    seq
.....................cuccgaacaguuuuuaguU...............................................................      35    1    seq
.....................Guccgaacaguuuuuaguc...............................................................       2    1    seq
.....................cuccgaacaguuCuaguc................................................................       3    1    seq
.....................Auccgaacaguuuuuaguc...............................................................       2    1    seq
.....................cuccgaacaguuuuuagAc...............................................................       9    1    seq
.....................cuccgaacaguuuuuagucA..............................................................      63    1    seq
.....................cuccgaacaAuuuuagucu...............................................................       1    1    seq
.....................cuccgGacaguuuuuagucu..............................................................       1    1    seq
.....................cucUgaacaguuuuuagucu..............................................................       1    1    seq
.....................cuccgaacaguCuuagucu...............................................................       1    1    seq
.....................cuccgaGcaguuuuuagucu..............................................................       1    1    seq
.....................cuccgaacaguuuuGgucu...............................................................       1    1    seq
.....................cuccgaacaguuuuuagucG..............................................................      17    1    seq
.....................cuccgaacaguuuuuagucu..............................................................     138    0    seq
.....................cuccgaacaguuuuuagucC..............................................................      46    1    seq
.....................cuccgaacaguuuuuaguAu..............................................................       1    1    seq
.....................cuccgaacaguuuuuagAcug.............................................................       1    1    seq
.....................cuccgaacagCuuuagucug..............................................................       2    1    seq
.....................cuccgaacUguuuuagucug..............................................................       1    1    seq
.....................cuccgaacaguuuCagucug..............................................................       2    1    seq
.....................cuccgaacaguuuuagCcug..............................................................       5    1    seq
.....................cuccgaacaguuuuagGcug..............................................................       1    1    seq
.....................cuAcgaacaguuuuuagucug.............................................................       2    1    seq
.....................cuccgaUcaguuuuuagucug.............................................................       1    1    seq
.....................Uuccgaacaguuuuuagucug.............................................................       6    1    seq
.....................Auccgaacaguuuuuagucug.............................................................       1    1    seq
.....................cuccgaacaguuuGgucug...............................................................       4    1    seq
.....................cuccgaacaguuCuagucug..............................................................       2    1    seq
.....................cuccgaacaguuuuuagucuA.............................................................     649    1    seq
.....................cuccgaacaguuuuuaguAug.............................................................       1    1    seq
.....................cuccgaacaguCuuagucug..............................................................       6    1    seq
.....................cuccgaacaguAuuagucug..............................................................       1    1    seq
.....................cuccgaacaguuuuuagucug.............................................................    1864    0    seq
.....................cuccgaacaguuuuuagucuC.............................................................      17    1    seq
.....................cuccCaacaguuuuuagucug.............................................................       1    1    seq
.....................cuccgaacaguuuuuagucAg.............................................................      32    1    seq
.....................cuccgaacaguuuuuagucuU.............................................................      13    1    seq
.....................cAccgaacaguuuuuagucug.............................................................       2    1    seq
.....................cuccgaGcaguuuuuagucug.............................................................       9    1    seq
.....................cuUcgaacaguuuuuagucug.............................................................       1    1    seq
.....................cuccGaacaguuuuuagucug.............................................................      12    1    seq
.....................cuccgaacaguuGuagucug.............................................................       2    1    seq
.....................cuccgaacaguuuuuagucCguuuuacaccagacugauacuuguuuggaauauuuuacacuugcaaaaaguccaacuggaaagacaa      36    1    seq
.....................cuccgaacaguuuuuaguUug.............................................................       2    1    seq
```

Mature   **Star**

caaaaaagcauuguaaaacucuccgaacaguuuuagucugauguuuacaccagacugauacuuguuuggaauauuuuacacuugcaaaaaguccaacuggaaagacaa

.................................Guccgaacaguuuuagucug... 1 1 seq
...........................cuccgaacaguuuuagucGg... 33 1 seq
...........................cCccgaacaguuuuagucug... 9 1 seq
...........................cucUgaacaguuuuagucug... 2 1 seq
...........................cuccgaacaUuuuuagucug... 1 1 seq
...........................cuccgaacGguuuuagucug... 2 1 seq
...........................cuccAaacaguuuuagucug... 2 1 seq
...........................cuccgaacaguuuAagucug... 1 1 seq
...........................cCccgaacaguuuuagucuga... 16 1 seq
...........................cuccgaacaguuuuagucugC... 21 1 seq
...........................cuccgaacaguuuuagucuUga... 7 1 seq
...........................cucAgaacaguuuuagucuga... 1 1 seq
...........................cuccgaacagCuuuagucuga... 19 1 seq
...........................cuccgaacaAuuuuagucuga... 3 1 seq
...........................cuccAaacaguuuuagucuga... 3 1 seq
...........................cuccgaacCguuuuagucuga... 1 1 seq
...........................Uuccgaacaguuuuagucuga... 19 1 seq
...........................cuccgaacaguuuuagucuUa... 1 1 seq
...........................cuccgaacaguuuuagCcuga... 14 1 seq
...........................cuccgaacaguCuuagucuga... 15 1 seq
...........................cuccgUacaguuuuagucuga... 1 1 seq
...........................cuccgaacaguuuuagucCga... 30 1 seq
...........................cuccgaacaguuuuGgucuga... 15 1 seq
...........................cuccgaacagGuuuagucuga... 1 1 seq
...........................cuccgaUcaguuuuagucuga... 2 1 seq
...........................cuccgaacGguuuuagucuga... 11 1 seq
...........................cuUcgaacaguuuuagucuga... 8 1 seq
...........................cuccgaacaUuuuuagucuga... 1 1 seq
...........................cuGcgaacaguuuuagucuga... 1 1 seq
...........................cuccgaacaguuuuaUucuga... 1 1 seq
...........................cuccgaacaguuuCagucuga... 5 1 seq
...........................cuccgaacaguuAuagucuga... 1 1 seq
...........................cuccgaacaguuuuagucugU... 287 1 seq
...........................cuccgaacaguuuuagGcuga... 2 1 seq
...........................cucGgaacaguuuuagucuga... 1 1 seq
...........................cuccgaaAaguuuuagucuga... 1 1 seq
...........................Guccgaacaguuuuagucuga... 4 1 seq
...........................cuccgaacaguAuuagucuga... 3 1 seq
...........................cuccgaacaguuuuagucAga... 3 1 seq
...........................cuccgaacaguuuuaguAuga... 1 1 seq
...........................cuccgaacaguuuuagucuga... 5735 0 seq
...........................cuccgaacaguuuuUgucuga... 1 1 seq
...........................cuccgaacUguuuuagucuga... 1 1 seq
...........................cuccgaacaguuuuagucGga... 5 1 seq
...........................cuccgaacaguuuuagucugG... 137 1 seq
...........................cuccgaacaguuCuagucuga... 18 1 seq
...........................cucUgaacaguuuuagucuga... 3 1 seq
...........................cuccgaacaguuuuagucuAa... 33 1 seq
...........................cuccgaaUaguuuuagucuga... 6 1 seq
...........................Auccgaacaguuuuagucuga... 6 1 seq
...........................cAccgaacaguuuuagucuga... 24 1 seq
...........................cGccgaacaguuuuagucuga... 1 1 seq
...........................cuccgaacaguGuuagucuga... 1 1 seq
...........................cuccgaGcaguuuuagucuga... 19 1 seq
...........................cuccgaacaguuuuagAcuga... 3 1 seq
...........................cuccgDacaguuuuagucuga... 17 1 seq
...........................cuccgaacaguuuuagucugaA... 38 1 seq
...........................cuccgaacaguCuuagucugau... 1 1 seq
...........................cuccgaGcaguuuuagucugau... 1 1 seq
...........................cuccgaacaguuuuagucugUu... 1 1 seq
...........................Uuccgaacaguuuuagucugau... 1 1 seq
...........................cuccgaacaAuuuuagucugau... 1 1 seq
...........................cuccgaacaguuuCagucugau... 1 1 seq
...........................cAccgaacaguuuuagucugau... 5 1 seq
...........................cuccgaacaguuuuagucugGu... 38 1 seq
...........................cuccgaacaguuuuagucugaC... 222 1 seq
...........................cuccgaacGguuuuagucugau... 4 1 seq
...........................cuUcgaacaguuuuagucugau... 2 1 seq
...........................Guccgaacaguuuuagucugau uguuuacacc agacugauacuuguuuggaaua .... 1 1 seq
...........................cuccgGacaguuuuagucugau... 5 1 seq

```
caaaaaagcauuguaaaacucuccgaacaguuuuuagucugauguuuacaccagacugauacuuguuuggaauauuuuacacuugcaaaaaguccaacuggaaagacaa
...................cuccgaacaguuuuuagucCgau.........................................................................  1     1   seq
...................cuccgaacaguuuuuagCcugau........................................................................  3     1   seq
...................cuccgaacaguuuuuagucugau........................................................................  1006  0   seq
...................cuccgaacaguuuuuagucuAau........................................................................  1     1   seq
...................cuccgaacaguuuGgucugau..........................................................................  2     1   seq
...................cuccgaacaguuuuuagucGgau.........................................................................  1     1   seq
...................cCccgaacaguuuuuagucugau.........................................................................  1     1   seq
...................cuccgaacaguuuuuagucugaG.........................................................................  21    1   seq
...................cuccgaacaguuuuuCuagucugau.......................................................................  4     1   seq
...................cuccgaacaguuuuuagAcugau.........................................................................  1     1   seq
...................cuccgaacaguuuuuaUucugau.........................................................................  1     1   seq
...................cuccgaacaUuuuuagucugau..........................................................................  1     1   seq
...................cuccgGacaguuuuuagucugaug........................................................................  3     1   seq
...................Auccgaacaguuuuuagucugaug........................................................................  6     1   seq
...................Uuccgaacaguuuuuagucugaug........................................................................  15    1   seq
...................cuccgaacagCuuuuagucugaug........................................................................  10    1   seq
...................cuAcgaacaguuuuuagucugaug........................................................................  1     1   seq
...................cuccgaaUaguuuuuagucugaug........................................................................  1     1   seq
...................cuccgaacaguuuuuagCcugaug........................................................................  5     1   seq
...................cuccgaacaguuuuuagucugauA........................................................................  781   1   seq
...................cCccgaacaguuuuuagucugaug........................................................................  11    1   seq
...................cuccgaacaguuuuuagucCgaug........................................................................  14    1   seq
...................cuccgaGcaguuuuuagucugaug........................................................................  7     1   seq
...................cuccgaacaguuuuuagucugaAg........................................................................  14    1   seq
...................cuccgaacaguuuuuagucAgaug........................................................................  1     1   seq
...................cuccgaacGguuuuuagucugaug........................................................................  7     1   seq
...................cuccgaacaguuuuuagucugauC........................................................................  163   1   seq
...................Guccgaacaguuuuuagucugaug........................................................................  2     1   seq
...................cuccgaacaguuuuuagucugaCg........................................................................  44    1   seq
...................cuccgaacaguCuuagucugaug.........................................................................  5     1   seq
...................cucAgaacaguuuuuagucugaug........................................................................  2     1   seq
...................cuccgaacagGuuuagucugaug.........................................................................  3     1   seq
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...................cuccgaacaguuuuuaguUugaug.........................................................................  2     1   seq
...................cuccgaacaguuCuagucugaug.........................................................................  7     1   seq
...................cuccgaacaguuuCagucugaug.........................................................................  4     1   seq
...................cAccgaacaguuuuuagucugaug........................................................................  7     1   seq
...................cuccgaacaguuuuuagucugauU........................................................................  887   1   seq
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...................cuccgaacaguuuuuagucugGug........................................................................  14    1   seq
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...................cuUcgaacaguuuuuagucugaug........................................................................  1     1   seq
...................cucUgaacaguuuuuagucugaug........................................................................  1     1   seq
...................cuccgaacaguuuuuagucGgaug........................................................................  1     1   seq
...................cuccgaacaguuuuuagucugaug........................................................................  2624  0   seq
...................cuccgaacaguuuuuagucugGugu.......................................................................  6     1   seq
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...................cuccgaacagCuuuagucugaugu........................................................................  4     1   seq
...................cuccgaacaguuuuuagucAgaugu.......................................................................  1     1   seq
...................cuccgaacaguuuuuagucugaAgu.......................................................................  3     1   seq
...................cuccgaacaguCuuagucugaugu........................................................................  2     1   seq
...................cuccgaacaguuuuuagucugaugG.......................................................................  71    1   seq
...................cuccgaacaguuuuuagucugaugu........................................................................  981   0   seq
...................cuccgaacaguuuuuagucugauUu.......................................................................  17    1   seq
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...................cuccgaacaguuuuagAcugaugu.........................................................................  1     1   seq
...................cAccgaacaguuuuuagucugaugu........................................................................  3     1   seq
...................cuccgaacaguuCuagucugaugu........................................................................  3     1   seq
...................Auccgaacaguuuuuagucugaugu........................................................................  2     1   seq
...................cuccgaacaguuuuuagucugaCgu.......................................................................  1     1   seq
...................cuccgaacagGuuuagucugaugu.........................................................................  2     1   seq
...................cuccgaacaguuuuuagucugaugC.......................................................................  241   1   seq
...................cuccAaacaguuuuuagucugaugu........................................................................  1     1   seq
...................cuccgaacaguuuuuagucCgaugu........................................................................  6     1   seq
...................cuccgaacaguuuuuagucugaugA.......................................................................  1385  1   seq
...................cCccgaacaguuuuuagucugaugu........................................................................  3     1   seq
...................Uuccgaacaguuuuuagucugaugu........................................................................  6     1   seq
...................cuccgaacGguuuuuagucugaugu........................................................................  3     1   seq
```

```
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..................cGccgaacaguuuuagucugaugu....................................................................  1    1    seq
..................cuccgaacaguuuuagucugUugu....................................................................  1    1    seq
..................cuccgaacaguuuuagucugauAu...................................................................  16    1    seq
..................cuccgaGcaguuuuagucugaugu....................................................................  3    1    seq
..................cuAcgaacaguuuuagucugaugu....................................................................  1    1    seq
..................cuccgaacaguuuGgucugaugu....................................................................  4    1    seq
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..................cuccgaacaguuuuagucugauguu.................................................................  18    0    seq
..................cuccgaacaguuuuagucugaugAu.................................................................  6    1    seq
..................cuccgaacaguuCuagucugauguu..................................................................  1    1    seq
..................cuccgaacaguuuuagucugauguG.................................................................  2    1    seq
..................cuccgaacaguuuuagucugauguC.................................................................  4    1    seq
..................cuccgaacaguuuuagucugauguuC................................................................  1    1    seq
..................cuccgaacaguuuuagucugauguuu................................................................  4    0    seq
..................cuccgaacaguuuuagucugaugAuu...............................................................  31    1    seq
..................cuccgaacaguuuuagucugauguAu................................................................  1    1    seq
..................cuccgaacaguuuuagucugauguuA................................................................  6    1    seq
..................cuccgaacaguuuuagucugaugAuua..............................................................  3    1    seq
..................cuccgaacaguuuuagucugauguuuac..............................................................  1    0    seq
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..................uccgaacaguuuuagucAg.......................................................................  1    1    seq
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..................uccgaacaguuuuagucugauA....................................................................  1    1    seq
..................uccgaacaguuuuagucugaGg....................................................................  1    1    seq
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..................uccgaacaguuuuagucugaug....................................................................  7    0    seq
..................uccgaacaguuuuagucugaugu...................................................................  3    0    seq
..................uccgaacaguuuuagucugaugC..................................................................  1    1    seq
..................uccgaacaguuuuagucugaugA..................................................................  4    1    seq
..................ccgaacaguuuuagucugauU...................................................................  1    1    seq
..................ccgaacaguuuuagucugauA...................................................................  1    1    seq
.........................aacaguuuuagucugauguuuacacc........................................................  2    0    seq
.............................guuuuagucugauguuuacacca......................................................  2    0    seq
..................................uuuagucugauguuuacacU.....................................................  1    1    seq
..................................uuuagucugauguuuacaccG....................................................  1    1    seq
..............................................agacugauacuuguuuggaau.......................................  1    0    seq
..............................................agacugUuacuuguuuggaaua......................................  1    1    seq
..............................................agacugauacuuguuuggaGua......................................  1    1    seq
..............................................agacugauacuuguuuggaaua......................................  35    0    seq
..............................................agacugauacuuguuuggaauau.....................................  2    0    seq
..............................................agacugauacuuguuuggaauauC....................................  1    1    seq
..............................................agacugauacuuguuuggaauaAuu...................................  3    1    seq
...............................................gacugauacuuguuuggaau......................................  1    0    seq
...............................................gacugauacuuguuuggaauU.....................................  1    1    seq
...............................................gacugauacuuguuuggaaua.....................................  1    0    seq
...............................................gacugauacuuguuuggaauauu...................................  1    0    seq
................................................acugauacuuguuuggaaua.....................................  1    0    seq
................................................Ccugauacuuguuuggaaua.....................................  1    1    seq
.................................................cugauacuuguuuggaauauAuua................................  1    1    seq
..................................................ugauacuuguuuggaauauA...................................  1    1    seq
```

caaaaaagcauuguaaaacucuccgaacaguuuuagucugauguuuuacaccagacugauacuuguuuggaauauuuuacacuugcaaaaaguccaacuggaaagacaa