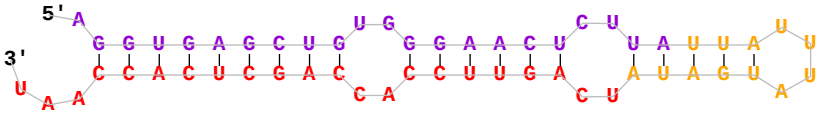
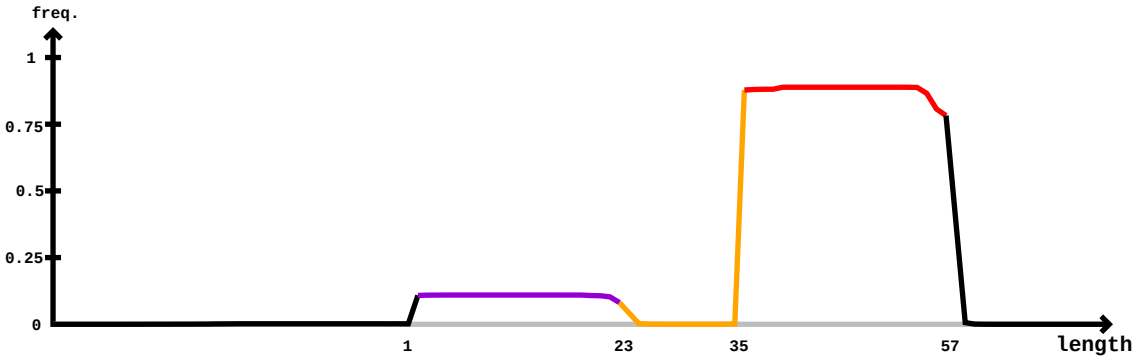
Provisional ID	:	Pocillopora_meandrina_HIv1___Sc0000016_620703
Score total	:	19097.6
Score for star read(s)	:	3.9
Score for read counts	:	19087
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	3
Total read count	:	37450
Mature read count	:	33341
Loop read count	:	0
Star read count	:	4109





Star **Mature**

```
5'- aauucaugguguuugagggagaauauugucuggcauaaggugagcugugggaacucuuauuauuuaugauaucaguuccaccagcucaccaauaugccagaugauaaaua  -3'   obs
    aauucaugguguuugagggagaauauugucuggcauaaggugagcugugggaacucuuauuauuuaugauaucaguuccaccagcucaccaauaugccagaugauaaaua        exp
    ..((((......)))).....(((..(((((((((.(((((((((..((((((..((((((....))))))..))))))..)))))))))..)))))))))..)))...  reads     mm        sample
    ....caugguguuugagggagaauauugucu.....................................................................................  1         0         seq
    ......ugguguuugagggagaauauugucuggcaua...............................................................................  2         0         seq
    .......gguguuugagggagaauauugucuggcaCa...............................................................................  1         1         seq
    ........guguuugagggagaauauugucuggc...................................................................................  2         0         seq
    ........guguuugagggagaauauugucuggcaua................................................................................  1         0         seq
    .........guugagggagaauauugucuggcau...................................................................................  1         0         seq
    ..........uugagggagaauauugucuggcaC...................................................................................  1         1         seq
    ..........uugagggagaauauugucuggcaua..................................................................................  4         0         seq
    ..........uugagggagaauauugucCggcaua..................................................................................  1         1         seq
    ...........ugagggagaauauugucuggcGua..................................................................................  1         1         seq
    ............gagggagaauauugucuggcau....................................................................................  1         0         seq
    ............gagggagaauauugucuggcaua...................................................................................  2         0         seq
    ............gagggagaauauugucuggcGua...................................................................................  3         1         seq
    .............agggagaauauugucuggcaA....................................................................................  2         1         seq
    .............agggagaauauugucuggcGua...................................................................................  3         1         seq
    .............agggagaauauugucuggcaAa...................................................................................  2         1         seq
    ..............gggagaauauugucuggc.....................................................................................  1         0         seq
    ..............gggagaauauugucuggcGua...................................................................................  6         1         seq
    ..............gggagaauauugucuggcaAa...................................................................................  1         1         seq
    ..............gggagaauauugucuggcaua...................................................................................  8         0         seq
    ...............ggagaauauugucuggcGu....................................................................................  3         1         seq
    ...............ggagaauauugucuggcGua...................................................................................  6         1         seq
    ................gagaauauugucuggcGu....................................................................................  2         1         seq
    ................gagaauauugucuggcaAa...................................................................................  1         1         seq
    ................gagaauauugucuggcaua...................................................................................  1         0         seq
    ................gagaauauugucuggcGua...................................................................................  6         1         seq
    .................agaauauugucuggcGua...................................................................................  3         1         seq
    .................agaauauugucuggcaua...................................................................................  1         0         seq
    ...................uauugucuggcauaaggugagcA............................................................................  1         1         seq
    .........................cuggcauaaggugagcugugUga.....................................................................  1         1         seq
    ................................Caaggugagcugugggaacucuua..............................................................  1         1         seq
    ....................................aggugagcCgugggaacu................................................................  1         1         seq
    ....................................aggugagcugugggaacu................................................................  41        0         seq
```

Star Mature

aauucaugguguugagggagaauauugucuggcauaaggugagcugugggaacucuuauuauuuaugauaucaguuccaccagcucaccaauaugccagaugauaaua

.....aggugagcugugggaacC.....	11	1	seq
.....aggugagcugugggaacG.....	7	1	seq
.....agguAagcugugggaacu.....	1	1	seq
.....aggugagcugugggaacA.....	6	1	seq
.....aggugagcugugggaGcu.....	1	1	seq
.....aggugagcugugggaacuA.....	2	1	seq
.....aggugagcugugggaacuc.....	21	0	seq
.....aggugagcAgugggaacuc.....	1	1	seq
.....aAgugagcugugggaacuc.....	1	1	seq
.....aggugagcugugggaacuU.....	5	1	seq
.....aggugagcugugggaacuUu.....	2	1	seq
.....aggugagcugugggaacucA.....	30	1	seq
.....aggugagcugugggaacucG.....	10	1	seq
.....aggugagcugugggaacuAu.....	2	1	seq
.....aggugagcugugggGacucu.....	1	1	seq
.....aggugagcuguUggaacucu.....	1	1	seq
.....aggugagcugugggaacucu.....	80	0	seq
.....aggCgagcugugggaacucu.....	1	1	seq
.....Cggugagcugugggaacucu.....	3	1	seq
.....aggugagcugugggaacucC.....	18	1	seq
.....aggugagcugugggaacucAu.....	16	1	seq
.....aggugGgcugugggaacucuu.....	2	1	seq
.....Gggugagcugugggaacucuu.....	2	1	seq
.....aggugagcuUugggaacucuu.....	1	1	seq
.....Uggugagcugugggaacucuu.....	4	1	seq
.....aggugagcugugggaacucuC.....	84	1	seq
.....aggCgagcugugggaacucuu.....	1	1	seq
.....aggugagcuguggAaacucuu.....	1	1	seq
.....aggugagcugugggaacucuG.....	19	1	seq
.....aAgugagcugugggaacucuu.....	11	1	seq
.....aggugagcugugggaacGcuu.....	9	1	seq
.....Cggugagcugugggaacucuu.....	6	1	seq
.....aggugagcugugggaacucCu.....	8	1	seq
.....aggugagcugCgggaacucuu.....	1	1	seq
.....aggGgagcugugggaacucuu.....	3	1	seq
.....aggugagcugugggaacucGu.....	19	1	seq
.....aggugagcugugggaacCcuu.....	3	1	seq
.....aggugagcugugggGacucuu.....	8	1	seq
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.....aggugagcugugggaacucuA.....	48	1	seq
.....aggugagcugugggaacuAuu.....	1	1	seq
.....aggugagcugugggaacucuu.....	553	0	seq
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.....aggugagcugugggaacucuuG.....	9	1	seq
.....aggugagcugugggaacAcuua.....	1	1	seq
.....aggugagcugCgggaacucuua.....	4	1	seq
.....aggugagUugugggaacucuua.....	2	1	seq
.....aggugagcuguggAaacucuua.....	2	1	seq
.....agUugagcugugggaacucuua.....	1	1	seq
.....aggugagcugugggaacuAuua.....	1	1	seq
.....aUgugagcugugggaacucuua.....	2	1	seq
.....aggugagcAgugggaacucuua.....	2	1	seq
.....aggugagcugugggaacuUuua.....	1	1	seq
.....aggugagcuguAggaacucuua.....	1	1	seq
.....aAgugagcugugggaacucuua.....	29	1	seq
.....aggCgagcugugggaacucuua.....	3	1	seq
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.....aggugagcugugggaacucuGa.....	4	1	seq
.....aggugagcugugggaacucuAa.....	10	1	seq
.....aggugagcugugggaacucuuC.....	4	1	seq
.....Cggugagcugugggaacucuua.....	36	1	seq
.....Uggugagcugugggaacucuua.....	6	1	seq
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.....aggugagcugugggaacucuCa.....	4	1	seq
.....aggugGgcugugggaacucuua.....	8	1	seq
.....Gggugagcugugggaacucuua.....	15	1	seq
.....aggugagcugugAgaacucuua.....	4	1	seq
.....aggugagcCgugggaacucuua.....	6	1	seq

Star Mature

aauucaugguguugagggagaauauugucuggcauaaggugagcugugggaacucuuauuauuuaugauaucaguuccaccagcucaccaauaugccagaugauaaua

.....aggugagcugugggaacucuua.....	2596	0	seq
.....aCgugagcugugggaacucuua.....	1	1	seq
.....aggugagcugugggaacCcuua.....	9	1	seq
.....aggugagcugugggaGcucuua.....	11	1	seq
.....aggugagcugugggaacucAua.....	4	1	seq
.....aggugagcugugggaacucCua.....	3	1	seq
.....aggugagcugugggGacucuua.....	9	1	seq
.....agguAagcugugggaacucuua.....	1	1	seq
.....aggugagcugugggaaUucuua.....	2	1	seq
.....aggugagcugugggaacucuuaC.....	9	1	seq
.....aggugagcugugggaacucuuaA.....	18	1	seq
.....aggugagcugugggaacucuuau.....	61	0	seq
.....aggugagcugugggGacucuuau.....	1	1	seq
.....aggugagcugugggaacucGuau.....	1	1	seq
.....aggugagcugugggaacucuuaG.....	3	1	seq
.....aggugagcugugggaacucuuUu.....	2	1	seq
.....aggugagcugugggaacucuuaGu.....	1	1	seq
.....aggugagcugugggaacucuuauu.....	17	0	seq
.....aggugagcugugggaacucuuauC.....	3	1	seq
.....aggugagcugGgggaacucuuauu.....	1	1	seq
.....aggugagcugugggaacucCuauu.....	1	1	seq
.....aggugagcugugggaacucuuaAu.....	4	1	seq
.....aggugagcugugggaacucuuauA.....	49	1	seq
.....aggugagcugugggaacucuuauuU.....	1	1	seq
.....aggugagcugugggaacucuuauuC.....	1	1	seq
.....aggugagcugugggaacucuuaAua.....	7	1	seq
.....aggugagcugugggaacucuuauAa.....	5	1	seq
.....aggugagcugugggaacucuuauua.....	1	0	seq
.....aggugagcugugggaacucuuaAuau.....	3	1	seq
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.....aggugagcugugggaacucuuaAuauuu.....	1	1	seq
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.....ggugagcugugggaacucA.....	1	1	seq
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.....ggugagcugugggaacucuA.....	3	1	seq
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.....ggugagcCgugggaacucuua.....	1	1	seq
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.....gugagcugugggaacucuA.....	1	1	seq
.....gugagcugugggaacucuua.....	7	0	seq
.....ugagcugugggaacucuua.....	5	0	seq
.....ugagcugugggGacucuua.....	1	1	seq
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.....uuauuuaugauaucaguuccaccagcuca.....	1	0	seq
.....uuauuuaugauaucaguuccaccagcucacc.....	2	0	seq
.....uauuuaugauaucaguuccaccagcucaccC.....	1	1	seq
.....uuuaugauaucaguuccaccagcucaccaau.....	1	0	seq
.....uaucaguuccaccagcucacc.....	2	0	seq
.....uaucaguuccaccagcucacca.....	3	0	seq
.....aucaguuccaccagcucacca.....	1	0	seq
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.....ucaguuccaccagcucU.....	1	1	seq
.....ucaguuccaccagcucaA.....	1	1	seq
.....ucaguuccaccagcucaG.....	1	1	seq
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.....ucaguuccaccagcucaU.....	6	1	seq
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Star Mature

aauucaugguguugagggagaauauugucuggcauaaggugagcugugggaacucuuauuauuuaugauaucaguuccaccagcucaccaauaugccagaugauaaua

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.....ucaguuccaccagcucGcc.....	1	1	seq
.....ucaguuccaccagcucacc.....	410	0	seq
.....ucaguuccaccagcucaAc.....	2	1	seq
.....ucaguuccaccagcCcacc.....	1	1	seq
.....ucaguuccaccagcucaUc.....	4	1	seq
.....ucaguuccaccagcucacG.....	5	1	seq
.....Ccaguuccaccagcucacc.....	4	1	seq
.....ucaguuccaUcagcucacc.....	1	1	seq
.....Acaguuccaccagcucacc.....	1	1	seq
.....ucaguuccaccGgcucacc.....	1	1	seq
.....ucaguuccaccagcucacU.....	63	1	seq
.....ucaguuccaccaCcucacc.....	2	1	seq
.....ucaguuccacUagcucacc.....	1	1	seq
.....ucaguuccaccagcucacA.....	90	1	seq
.....ucagCuccaccagcucacc.....	1	1	seq
.....ucaAuuccaccagcucacc.....	1	1	seq
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.....ucaguuccaccagcucaGc.....	66	1	seq
.....ucaguuccaccagcucaGca.....	137	1	seq
.....ucUguuccaccagcucacca.....	2	1	seq
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.....ucaguuccaccCgcucacca.....	2	1	seq
.....Ccaguuccaccagcucacca.....	7	1	seq
.....ucaguuccaccagcucacUa.....	10	1	seq
.....ucagCuccaccagcucacca.....	5	1	seq
.....Acaguuccaccagcucacca.....	6	1	seq
.....ucaguuccaccagcGcacca.....	3	1	seq
.....ucaguuccaccagcucaccG.....	153	1	seq
.....ucaAuuccaccagcucacca.....	2	1	seq
.....ucaguuccaccaAcucacca.....	1	1	seq
.....ucaguAccaccagcucacca.....	1	1	seq
.....ucaguuccaGcagcucacca.....	2	1	seq
.....Gcaguuccaccagcucacca.....	2	1	seq
.....ucaguuccaccaUcucacca.....	391	1	seq
.....ucaguuccaccagcCcacca.....	4	1	seq
.....ucaguuccaccGgcucacca.....	8	1	seq
.....ucaguuccGccagcucacca.....	5	1	seq
.....ucaguuccaUcagcucacca.....	1	1	seq
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.....ucaguuccaccagcucacAa.....	21	1	seq
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.....Ccaguuccaccagcucaccaa.....	6	1	seq
.....ucaguuccaccagcucaccGa.....	4	1	seq
.....ucaguucUaccagcucaccaa.....	1	1	seq
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.....ucaguuccaccagcucaccaa.....	669	0	seq
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.....ucaguuccaccagcucaccaG.....	20	1	seq
.....Acaguuccaccagcucaccaa.....	7	1	seq
.....ucaguuccaccagcucGccaa.....	2	1	seq
.....ucaguuccaccagcCcaccaa.....	3	1	seq
.....ucUguuccaccagcucaccaa.....	1	1	seq
.....ucaguuccaccaUcucaccaa.....	123	1	seq
.....ucaguuccaccagcucaccaU.....	28	1	seq
.....ucaguuccaccagcucaccaC.....	6	1	seq
.....ucagCuccaccagcucaccaa.....	6	1	seq

Star Mature

aauucaugguguugagggagaauauugucuggcauaaggugagcugugggaacucuuauuauuuaugauaucaguuccaccagcucaccaauaugccagaugauaaua

.....ucaguuccaccagcucaccCa.....	1	1	seq
.....ucaguuccGccagcucaccaa.....	3	1	seq
.....ucaguuccaccagUucaccaa.....	1	1	seq
.....ucCguuccaccagcucaccaa.....	2	1	seq
.....uUaguuccaccagcucaccaa.....	3	1	seq
.....ucaCuuccaccagcucaccaa.....	1	1	seq
.....ucaguuccaccaAcucaccaa.....	2	1	seq
.....ucaguuccaccagcuAaccaau.....	2	1	seq
.....ucaguuccaccagcucaccUau.....	68	1	seq
.....ucaguuccaccagcuUaccaau.....	13	1	seq
.....ucaguuccaccagcGcaccaau.....	3	1	seq
.....ucaguuUcaccagcucaccaau.....	5	1	seq
.....ucGguuccaccagcucaccaau.....	34	1	seq
.....ucaguuccacGagcucaccaau.....	1	1	seq
.....ucaguuccaccagcCcaccaau.....	29	1	seq
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.....ucaguuccaccagcucacUaau.....	11	1	seq
.....ucagCuccaccagcucaccaau.....	32	1	seq
.....ucaUuuccaccagcucaccaau.....	1	1	seq
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.....ucaguuccGccagcucaccaau.....	31	1	seq
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.....ucagGuccaccagcucaccaau.....	1	1	seq
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.....ucaAuuccaccagcucaccaau.....	6	1	seq
.....ucaguuccaGcagcucaccaau.....	1	1	seq
.....ucaguuccaccagcucaccaau.....	9644	0	seq
.....ucaguucUaccagcucaccaau.....	6	1	seq
.....ucaguuccaccagcucaccaaC.....	1723	1	seq
.....ucaguuccaccagcucaccGau.....	41	1	seq
.....ucaguuccaccagcucaccaUu.....	13	1	seq
.....ucaguuccaccagUuccaccaau.....	10	1	seq
.....ucaguuccaccagcucGccaau.....	22	1	seq
.....ucaguuccaccagcucacAaau.....	9	1	seq
.....Ccaguuccaccagcucaccaau.....	124	1	seq
.....uUaguuccaccagcucaccaau.....	18	1	seq
.....ucaguAccaccagcucaccaau.....	5	1	seq
.....ucaguuccaUcagcucaccaau.....	13	1	seq
.....ucaguucAaccagcucaccaau.....	1	1	seq
.....ucUguuccaccagcucaccaau.....	8	1	seq
.....ucaguuccaccagcCcaccaaua.....	28	1	seq
.....ucaguuccaccaUcucaccaaua.....	62	1	seq
.....ucaguuccaccagcucGccaaua.....	29	1	seq
.....ucaguuccGccagcucaccaaua.....	26	1	seq
.....ucaguuccaccaCcucaccaaua.....	5	1	seq
.....ucaguuccaccagcucaccaUua.....	62	1	seq
.....ucaguuccaccagcucCccaaua.....	1	1	seq

Star Mature

aauucaugguguugagggagaauauugucuggcauaaggugagcugugggaacucuuauuauuuaugauaucaguuccaccagcucaccaauaugccagaugauaaua

.....ucaguuccaccagcucacUaaua.....	3	1	seq
.....ucaguuccaccGgcucaccaaua.....	24	1	seq
.....ucCguuccaccagcucaccaaua.....	1	1	seq
.....uAaguuccaccagcucaccaaua.....	5	1	seq
.....ucaguuccaccagcuAaccaaua.....	2	1	seq
.....ucaguuccaccagcucaccUaua.....	1	1	seq
.....ucagCuccaccagcucaccaaua.....	33	1	seq
.....ucaguuccaccagcuUaccaaua.....	6	1	seq
.....ucaguAccaccagcucaccaaua.....	2	1	seq
.....ucaguuccCccagcucaccaaua.....	2	1	seq
.....ucGguuccaccagcucaccaaua.....	30	1	seq
.....ucaguuccaccagcucaccGaua.....	22	1	seq
.....ucaguuccaccagcucaccaauU.....	2796	1	seq
.....ucaguuccaccagcucaccaaCa.....	105	1	seq
.....ucUguuccaccagcucaccaaua.....	2	1	seq
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.....ucaguuccaccUgcucaccaaua.....	4	1	seq
.....ucaguuAcaccagcucaccaaua.....	3	1	seq
.....Acaguuccaccagcucaccaaua.....	54	1	seq
.....ucaguuccaccagcucaccaaGa.....	10	1	seq
.....ucaguuccaccagcucacAaaua.....	5	1	seq
.....ucaguuccacCgcucaccaaua.....	1	1	seq
.....ucaguuccUccagcucaccaaua.....	7	1	seq
.....ucaguuccaccagUucaccaaua.....	24	1	seq
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Star Mature

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