Provisional ID   : Pocillopora_meandrina_HIv1___Sc0000016_620665
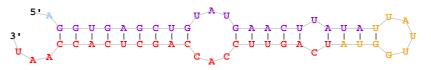Score total   : 17424.1
Score for star read(s) : 3.9
Score for read counts   : 17413.7
Score for mfe   : 1.9
Score for randfold   : 1.6
Score for cons. seed   : 3
Total read count   : 34168
Mature read count   : 33341
Loop read count   : 0
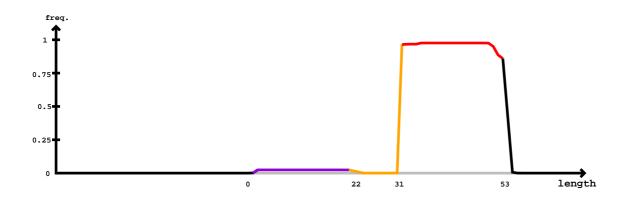Star read count   : 827

Star   **Mature**

```
5'- uacuugaaaacauauuuucaagaaauacuauuuggcaugaggugagcuguaugaacuuauauuauugguaucaguuccaccagcucaccaauaugccagaugaucaca  -3'    obs
    uacuugaaaacauauuuucaagaaauacuauuuggcaugaggugagcuguaugaacuuauauuauugguaucaguuccaccagcucaccaauaugccagaugaucaca         exp
    ..(((((((((....))))))))).......((((((((((((.(((((((((...(((((.(((.....)))).)))))...))))))))).)))))))))......    reads   mm    sample
    .................................caugaggugagcuguaCga.......................................................    1       1     seq
    ..................................gaggugagcuguaugaacuuauauuau..............................................    1       0     seq
    ..................................aggugagcuguaugaacu.......................................................    1       0     seq
    ..................................aggugagcuguaugaacuuGu.....................................................   1       1     seq
    ..................................aggugagcuguaugaacuuaC.....................................................   1       1     seq
    ..................................aggugagcuguaugaacuuau.....................................................   7       0     seq
    ..................................aggugagcuguaCgaacuuaua....................................................   1       1     seq
    ..................................aggugagcuguaugaacuuaua....................................................   35      0     seq
    ..................................aggugagcuguaugaacuuauU....................................................   2       1     seq
    ..................................aggugagcuguaugaacuuauau...................................................   1       0     seq
    ..................................aggugagcuguaCgaacuuauau...................................................   1       1     seq
    ...................................ggugagcuguaugaacuG.......................................................   2       1     seq
    ...................................ggugagcuguaCgaacuu.......................................................   3       1     seq
    ...................................ggugagcuguaugaacuu.......................................................   4       0     seq
    ...................................gAugagcuguaugaacuua......................................................   1       1     seq
    ...................................ggugagcuguaugaacuua......................................................   2       0     seq
    ...................................ggugagcuguaCgaacuua......................................................   1       1     seq
    ...................................ggugagcuguaCgaacuuau.....................................................   74      1     seq
    ...................................ggugagcuguaugaacuuaC.....................................................   4       1     seq
    ...................................ggugagcuguaugaacuuaG.....................................................   1       1     seq
    ...................................gAugagcuguaugaacuuau.....................................................   1       1     seq
    ...................................ggugagcuguUcgaacuuau.....................................................   2       1     seq
    ...................................ggugagcuguaugaacuuau.....................................................   17      0     seq
    ...................................ggugagcuguaugaacuuauG....................................................   1       1     seq
    ...................................ggugagcuguaugaacuuaua....................................................   146     0     seq
    ...................................ggugagcuguaugGacuuaua....................................................   1       1     seq
    ...................................ggugagcuguaCgaacuuaua....................................................   466     1     seq
    ...................................ggugagcuguCugaacuuaua....................................................   6       1     seq
    ...................................Agugagcuguaugaacuuaua....................................................   3       1     seq
    ...................................ggugagcuguaugaGcuuaua....................................................   4       1     seq
    ...................................gAugagcuguaugaacuuaua....................................................   7       1     seq
    ...................................ggugagcuguauAaacuuaua....................................................   1       1     seq
    ...................................ggugagcuguGugaacuuaua....................................................   1       1     seq
```

Star   **Mature**

uacuugaaaacauauuuucaagaaauacuauuuggcaugaggugagcuguaugaacuuauauuauugguaucaguuccaccagcucaccaauaugccagaugaucaca

....ggugagcuguaugaacuuauU..	3	1	seq
....ggugagcuguaCgaacuuauau..	19	1	seq
....ggugagcuguaugaacuuauau..	1	0	seq
....ggugagcuguaugaacuuauauA..	1	1	seq
....ggugagcuguaugaacuuauaAua..	1	1	seq
....ggugagcuguaCgaacuuauauuau..	1	1	seq
....ggugagcuguaCgaacuuauauuauuggua..	1	1	seq
....gAugagcuguaugaacuuauauuauuggua..	1	1	seq
....ggugagcuguaCgaacuuauauuauugguau..	1	1	seq
....gugagcuguaCgaacuuau..	2	1	seq
....uuauugguaucaguuccaccaUcucacca..	2	1	seq
....uaucaguuccaccagcucacc..	2	0	seq
....uaucaguuccaccagcucacca..	3	0	seq
....aucaguuccaccagcucacca..	1	0	seq
....Uucaguuccaccagcucaccaau..	2	1	seq
....Cucaguuccaccagcucaccaau..	4	1	seq
....ucaguuccaccagcucU..	1	1	seq
....ucaguuccaccagcuca..	2	0	seq
....ucaguuccaccagcucac..	10	0	seq
....ucaguuccaccagcucaG..	1	1	seq
....ucaguuccaccagcucaU..	6	1	seq
....ucaguuccaccaUcucac..	7	1	seq
....ucaguuccaccagcucaA..	1	1	seq
....ucaguuccaccagcucaUc..	4	1	seq
....ucaguuccaccagcucacA..	90	1	seq
....ucaguuccaUcagcucacc..	1	1	seq
....ucaguuccGccagcucacc..	1	1	seq
....ucaguuccaccaAcucacc..	1	1	seq
....ucaAuuccaccagcucacc..	1	1	seq
....ucaguuccaccagcucGcc..	1	1	seq
....ucaguuccaccagcucacU..	63	1	seq
....ucaguuccaccagcucaGc..	66	1	seq
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....ucaguuccaccagcucaAc..	2	1	seq
....ucaguuccaccaCcucacc..	2	1	seq
....ucaguuccacUagcucacc..	1	1	seq
....ucagCuccaccagcucacc..	1	1	seq
....ucaguuccaccaUcucacc..	185	1	seq
....ucaguuccaccagcucacG..	5	1	seq
....ucaguuccaccagcCcacc..	1	1	seq
....Ccaguuccaccagcucacc..	4	1	seq
....ucaguuccaccagcucaccG..	153	1	seq
....ucagCuccaccagcucacca..	5	1	seq
....ucaguuccGccagcucacca..	5	1	seq
....ucaguuccaccagcucGcca..	10	1	seq
....ucaguuccaccaAcucacca..	1	1	seq
....ucaguAccaccagcucacca..	1	1	seq
....ucaAuuccaccagcucacca..	2	1	seq
....ucaguuccaccagcucaccC..	18	1	seq
....ucaguuccaccaCcucacca..	4	1	seq
....Ccaguuccaccagcucacca..	7	1	seq
....ucaguuccaUcagcucacca..	1	1	seq
....ucaguuccaccagcucaGca..	137	1	seq
....ucaguuccaccagcucacca..	1340	0	seq
....ucaguuccaccaUcucacca..	391	1	seq
....ucaguuccaccagcucaccU..	24	1	seq
....Acaguuccaccagcucacca..	6	1	seq
....ucaguuccaccagcuUacca..	2	1	seq
....ucaguuccaccGgcucacca..	8	1	seq
....ucaguuccaGcagcucacca..	2	1	seq
....ucaguuccaccagcGcacca..	3	1	seq
....ucaguuccaccagcucaUca..	2	1	seq
....ucaguuccaccUgcucacca..	1	1	seq
....Gcaguuccaccagcucacca..	2	1	seq
....ucaguuccUccagcucacca..	1	1	seq
....ucaguccaccagcucacUa..	10	1	seq
uacuugaaaacauauuuucaagaaauacuauuuggcaugaggugagcuguaugaacuuauauuauuggua ucaguuccaccCgcucacca..	2	1	seq
....ucaguuccaccagcucacAa..	21	1	seq

Star   **Mature**

uacuugaaaacauauuuucaagaaauacuauuuggcaugaggugagcuguaugaacuuauauuauugguaucaguuccaccagcucaccaauaugccagaugaucaca

....ucaguuccaccagcCcacca.................	4	1	seq
....ucGguuccaccagcucacca.................	5	1	seq
....ucUguuccaccagcucacca.................	2	1	seq
....ucaguuccaccagUucacca.................	1	1	seq
....ucaguuccaccaAcucaccaa................	2	1	seq
....ucaguuccaccagcucacUaa................	1	1	seq
....ucaguuccaccagcucaccaG................	20	1	seq
....ucaguuccaccaUcucaccaa................	123	1	seq
....uUaguuccaccagcucaccaa................	3	1	seq
....ucCguuccaccagcucaccaa................	2	1	seq
....Acaguuccaccagcucaccaa................	7	1	seq
....ucaguuccaUcagcucaccaa................	1	1	seq
....Ccaguuccaccagcucaccaa................	6	1	seq
....ucaguuccaccagcucaccCa................	1	1	seq
....ucGguuccaccagcucaccaa................	2	1	seq
....ucaguuccaccagcucaGcaa................	33	1	seq
....ucUguuccaccagcucaccaa................	1	1	seq
....ucaguuccaccagUucaccaa................	1	1	seq
....ucaguuccaccagcCcaccaa................	3	1	seq
....ucaguuccaccagcucaccaC................	6	1	seq
....ucaguucUaccagcucaccaa................	1	1	seq
....ucaguuccaccagcucUccaa................	1	1	seq
....ucaguuccaccagcucGccaa................	2	1	seq
....ucagCuccaccagcucaccaa................	6	1	seq
....ucaguuccaccagcucaccaa................	669	0	seq
....ucaguAccaccagcucaccaa................	2	1	seq
....ucaguuccaccagcucaccGa................	4	1	seq
....ucaguuccGccagcucaccaa................	3	1	seq
....ucaguuccaccagcucaccaU................	28	1	seq
....ucaCuuccaccagcucaccaa................	1	1	seq
....Gcaguuccaccagcucaccaa................	1	1	seq
....Acaguuccaccagcucaccaau...............	69	1	seq
....ucagCuccaccagcucaccaau...............	32	1	seq
....ucaguuccacAagcucaccaau...............	1	1	seq
....ucaguuccaccUgcucaccaau...............	4	1	seq
....ucaguuccaccagcucaUcaau...............	8	1	seq
....ucUguuccaccagcucaccaau...............	8	1	seq
....ucaguuccaGcagcucaccaau...............	1	1	seq
....ucCguuccaccagcucaccaau...............	7	1	seq
....ucaguuccaccagcucacAaau...............	9	1	seq
....ucaguuccaccagcucaccCau...............	5	1	seq
....Gcaguuccaccagcucaccaau...............	2	1	seq
....ucaUuuccaccagcucaccaau...............	1	1	seq
....ucaguuccaccagcucaccaUu...............	13	1	seq
....ucaguuccaccagcucaccGau...............	41	1	seq
....uGaguuccaccagcucaccaau...............	1	1	seq
....ucaguuccaccagcucaccaaG...............	271	1	seq
....ucaguuccaAcagcucaccaau...............	1	1	seq
....ucaguuccaccagAucaccaau...............	2	1	seq
....ucaguuccaccagcuAaccaau...............	2	1	seq
....ucaguuccaccagUucaccaau...............	10	1	seq
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....ucaguuccUccagcucaccaau...............	4	1	seq
....ucaguuccaccagcGcaccaau...............	3	1	seq
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....ucaguuccaccaUcucaccaau...............	2657	1	seq
....ucaguuccaccagcucUccaau...............	1	1	seq
....Ccaguuccaccagcucaccaau...............	124	1	seq
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....ucaguuccaccagcucaGcaau...............	482	1	seq
....ucaguucAaccagcucaccaau...............	1	1	seq
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....ucaguuccaccagcCcaccaau...............	29	1	seq
....ucaguuccaccagcucaccUau...............	68	1	seq
....uAaguuccaccagcucaccaau...............	2	1	seq
....ucaguuccaccaCcucaccaau...............	11	1	seq
....ucaguccGccagcucaccaau...............	31	1	seq
uacuugaaaacauauuuucaagaaauacuauuuggcaugaggugagcuguaugaacuuauauuauugguaucaguuccaccaAcucaccaau...............	16	1	seq
....ucaguucUaccagcucaccaau...............	6	1	seq

uacuugaaaacauauuucaagaaauacuauuuggcauga ggugagcuguaugaacuuaua uuauugguau caguuccaccagcucaccaau augccagaugaucaca

Sequence	count	mm	
....ucaguGccaccagcucaccaau................	5	1	seq
....ucaguuccaccagcucaccaaA................	445	1	seq
....ucagAuccaccagcucaccaau................	2	1	seq
....ucaguuUcaccagcucaccaau................	5	1	seq
....ucaguuccaccagcucaccaau................	9644	0	seq
....ucaguuccaccagcuUaccaau................	13	1	seq
....ucaguuccaccGgcucaccaau................	31	1	seq
....ucaguAccaccagcucaccaau................	5	1	seq
....ucaguuccaccagcucaccaGu................	357	1	seq
....ucaAuccaccagcucaccaau................	6	1	seq
....ucaguuccaccagcucaccaCu................	13	1	seq
....ucaguucacUagcucaccaau................	12	1	seq
....ucaguuccaUcagcucaccaau................	13	1	seq
....ucaguuccaccagcucGccaau................	22	1	seq
....ucaguuccaccagcucacUaau................	11	1	seq
....ucaguuccacGagcucaccaau................	1	1	seq
....ucaguuccaccagcucaccaaC................	1723	1	seq
....ucaguuccaccagcucacAaaua...............	5	1	seq
....ucaguuccaccagcucUccaaua...............	3	1	seq
....ucaguuUcaccagcucaccaaua...............	7	1	seq
....ucaguuAcaccagcucaccaaua...............	3	1	seq
....ucaguuccaccagcucaccGaua...............	22	1	seq
....ucaguAccaccagcucaccaaua...............	2	1	seq
....ucaguuccaccagcucaccaaGa...............	10	1	seq
....ucaguuccaccagcucaccaauC...............	414	1	seq
....ucaguuccaccaUcucaccaaua...............	62	1	seq
....ucaguucacUagcucaccaaua...............	11	1	seq
....ucaguuccaccagcucaccUaua...............	1	1	seq
....ucaguuccaccagcucaccaauG...............	67	1	seq
....ucaguuccaccagcucaccaUua...............	62	1	seq
....ucaguuccaccagcucaccaaCa...............	105	1	seq
....Acaguuccaccagcucaccaaua...............	54	1	seq
....uUaguuccaccagcucaccaaua...............	13	1	seq
....ucaguuccaccaCcucaccaaua...............	5	1	seq
....ucaguucUaccagcucaccaaua...............	8	1	seq
....ucaguuccaccagcucaUcaaua...............	9	1	seq
....ucGguuccaccagcucaccaaua...............	30	1	seq
....ucaguuccaccagcuAaccaaua...............	2	1	seq
....ucaguuccUccagcucaccaaua...............	7	1	seq
....ucaguuccaccagcCcaccaaua...............	28	1	seq
....ucaAuccaccagcucaccaaua...............	5	1	seq
....ucaguuccaccaAcucaccaaua...............	9	1	seq
....ucagCuccaccagcucaccaaua...............	33	1	seq
....ucaguuccaccagcaGcaaua...............	26	1	seq
....ucaguuccaccagcucaccaaAa...............	26	1	seq
....ucaguuccaGcagcucaccaaua...............	1	1	seq
....ucaguuccaccagcucCccaaua...............	1	1	seq
....ucaguuccaccCgcucaccaaua...............	1	1	seq
....ucaguuccaccagcucaccaGua...............	19	1	seq
....ucaguuccaccUgcucaccaaua...............	4	1	seq
....ucaguuccGccagcucaccaaua...............	26	1	seq
....ucaguuccaccGgcucaccaaua...............	24	1	seq
....ucaguuccacAagcucaccaaua...............	4	1	seq
....ucaguuccaccagcucaccaauU...............	2796	1	seq
....uGaguuccaccagcucaccaaua...............	4	1	seq
....ucaguuccaccagUucaccaaua...............	24	1	seq
....ucaguuccaccagcucacUaaua...............	3	1	seq
....Gcaguuccaccagcucaccaaua...............	5	1	seq
....ucaguuccCccagcucaccaaua...............	2	1	seq
....ucaguuccaccagcucGccaaua...............	29	1	seq
....ucaguuccaccagcuUaccaaua...............	6	1	seq
....ucagGuccaccagcucaccaaua...............	1	1	seq
....ucaguuccaUcagcucaccaaua...............	9	1	seq
....ucaguuccaccagcucaccaaua...............	8341	0	seq
....ucagAuccaccagcucaccaaua...............	5	1	seq
....ucCguuccaccagcucaccaaua...............	1	1	seq
....ucaguuccaccagcAcaccaaua...............	9	1	seq
....Ccaguuccaccagcucaccaaua...............	118	1	seq
uacuugaaaacauauuucaagaaauacuauuuggcauga ggugagcuguaugaacuuaua uuauugguau ucaguuccacGagcucaccaaua augccagaugaucaca	1	1	seq
....ucUguuccaccagcucaccaaua...............	2	1	seq

```
uacuugaaaacauauuuucaagaaauacuauuuggcaugaggugagcuguaugaacuuauauuauugguaucaguuccaccagcucaccaauaugccagaugaucaca
..................................................................................uAaguuccaccagcucaccaaua.............    5    1    seq
..................................................................................Acaguuccaccagcucaccaauau...........    2    1    seq
..................................................................................uUaguuccaccagcucaccaauau...........    1    1    seq
..................................................................................ucaguuccaccagcucaccaauaC...........    19   1    seq
..................................................................................ucaguuccaccagcucaccaUuau...........    1    1    seq
..................................................................................ucaguuccaccagcucaccaauGu...........    1    1    seq
..................................................................................ucaguuccaccagcucaccaauCu...........    1    1    seq
..................................................................................ucaguuccaccagcucaccaauUu...........    22   1    seq
..................................................................................ucaguuccaccagcucaccaauau...........    111  0    seq
..................................................................................ucaguuccaccagcucaccaauaA...........    27   1    seq
..................................................................................ucGguuccaccagcucaccaauau...........    1    1    seq
..................................................................................Ccaguuccaccagcucaccaauau...........    3    1    seq
..................................................................................ucaguuccaccagcucaccaauaCg..........    1    1    seq
..................................................................................ucaguuccaccagcucaccaauauC..........    2    1    seq
..................................................................................ucaguuccaccagcucaccaauauU..........    10   1    seq
..................................................................................ucaguuccaccagcucaccaauaug..........    1    0    seq
..................................................................................ucaguuccaccagcucaccaauauA..........    2    1    seq
..................................................................................ucaguuccaccagcucaccaauaugU.........    1    1    seq
..................................................................................ucaguuccaccagcucaccaauauAc.........    1    1    seq
..................................................................................Aaguuccaccagcucacc.................    1    1    seq
..................................................................................caguuccaccagcucacc.................    1    0    seq
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..................................................................................cGguuccaccagcucacca................    1    1    seq
..................................................................................caguuccaccagcucaccaa...............    3    0    seq
..................................................................................caguuccaccagcucaccaGu..............    1    1    seq
..................................................................................caguuccaccagcucaccaaC..............    3    1    seq
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..................................................................................caguuccaccagcucaccaaua............    29   0    seq
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..................................................................................Cguuccaccagcucaccaaua............    1    1    seq
..................................................................................aguuccaccagcucaccaaua.............    17   0    seq
..................................................................................guuccaccagcucaGcaau...............    1    1    seq
..................................................................................guuccaccagcucaccaau...............    2    0    seq
..................................................................................guuccaccagcucaccaaua..............    2    0    seq
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..................................................................................uuccaccagcucaccaaG................    1    1    seq
..................................................................................Cuccaccagcucaccaau................    2    1    seq
..................................................................................uuccaccagcucaccaaC................    19   1    seq
..................................................................................uuccaccagcucaccaau................    72   0    seq
..................................................................................uuccaccagcucaccaaA................    4    1    seq
..................................................................................uuccaccagcucaccUau...............    3    1    seq
..................................................................................uuccaccagcucaccaauU...............    9    1    seq
..................................................................................uuccaccagcCcaccaaua..............    2    1    seq
..................................................................................uAccaccagcucaccaaua..............    1    1    seq
..................................................................................Cuccaccagcucaccaaua..............    2    1    seq
..................................................................................uuccaccagcucaccaaua..............    139  0    seq
..................................................................................uuccaccagcucaccaGua..............    2    1    seq
..................................................................................uuccGccagcucaccaaua..............    1    1    seq
..................................................................................uuccaccagcucaccaauC.............    2    1    seq
..................................................................................uuccaccagcucaccaUua.............    1    1    seq
..................................................................................uuccaccagcucaccaauau............    14   0    seq
..................................................................................uuccaccagcucaccaauUu............    4    1    seq
..................................................................................uuccaccagcucaccaauGu............    1    1    seq
..................................................................................uuccaccagcucaccaauauU...........    1    1    seq
..................................................................................uuccaccagcucaccaauauA...........    2    1    seq
```