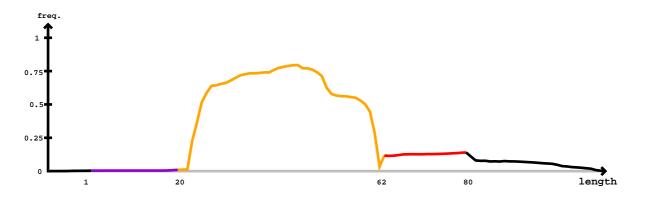| Provisional ID	: Montipora_capitata_HIv3___Scaffold_4_247529
Score total	: 10701.3
Score for star read(s)	: 3.9
Score for read counts	: 10698.3
Score for mfe	: 1.3
Score for randfold	: -2.2
Score for cons. seed	:
Total read count	: 20996
Mature read count	: 1990
Loop read count	: 18969
Star read count	: 37


```
Star                                          Mature

5'- cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggggcccuggggggcgguuguccuauguagaucggguguccacgcuaaguu   -3'   obs
    cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggggcccuggggggcgguugucc uauguagaucggguguccacgcuaaguu         exp
    (((((.(((((..(((((.....(((((..(((((.((..((.(((((.........)))).)).)).)))))..))))))))))))))).....(((.....)))))....    reads   mm    sample
    .Auaguggcgcacgccuguaauccagcu....................................................................   1       1      s52
    ...aguggcgcacgccuguaauccagA.....................................................................   1       1      s52
    ...aguggcgcacgccuguaauccagGu....................................................................   1       1      s52
    ....Auggcgcacgccuguaauccagcu....................................................................   3       1      s52
    .....Aggcgcacgccuguaaucca.......................................................................   1       1      s52
    .....Aggcgcacgccuguaauccagcu....................................................................   1       1      s52
    ......Agcgcacgccuguaauccagcu....................................................................   1       1      s52
    .......Acgcacgccuguaaucca.......................................................................   3       1      s52
    .......Acgcacgccuguaauccag......................................................................   2       1      s52
    .......Acgcacgccuguaauccagc.....................................................................   1       1      s52
    .......Acgcacgccuguaauccagcu....................................................................   3       1      s52
    .......Acgcacgccuguaauccagcua...................................................................   1       1      s52
    ........Agcacgccuguaauccag......................................................................   1       1      s52
    ........Agcacgccuguaauccagcua...................................................................   1       1      s52
    ......................auccagcuacCuggaggcuggggguguuugaau.........................................   1       1      s52
    .......................agcuacuuggaggcugggg......................................................   5       0      s52
    .......................agcuacuuggaggcuggggu.....................................................   1       0      s52
    .......................agcuacuuggaggcugggguguu..................................................   2       0      s52
    .......................agcuacuuggaggcuggggguguuu................................................   2       0      s52
    .......................agcuacuuggaggcuggggguguuug...............................................   1       0      s52
    .......................agcuacuuggaggcuggggguguuugaauggcu........................................   1       0      s52
    .......................agcuacuuggaggcuggggguguuugaauggcuugagaucggg..............................   1       0      s52
    .......................Acuacuuggaggcuggggguguu..................................................   1       1      s52
    .......................Acuacuuggaggcuggggguguuug................................................   1       1      s52
    .......................Acuacuuggaggcuggggguguuugaauggcuugagaucgg.................................   1       1      s52
    .......................Acuacuuggaggcuggggguguuugaauggcuugagaucgggg...............................   2       1      s52
    ........................Auacuuggaggcuggggguguu..................................................   1       1      s52
    ........................Auacuuggaggcuggggguguu..................................................   2       1      s52
    ........................Auacuuggaggcuggggguguuu.................................................   1       1      s52
    ........................Auacuuggaggcuggggguguuugaa..............................................   1       1      s52
    ........................Auacuuggaggcuggggguguuugaauggcu.........................................   1       1      s52
    ........................Auacuuggaggcuggggguguuugaauggcuugagauc..................................   1       1      s52
    ........................Auacuuggaggcuggggguguuugaauggcuugagaucg.................................   1       1      s52
```

Star   Mature

```
cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucgggucccuggggggcgguuguccuauguagaucggguguccacgcuaaguu
```

Sequence			
Auacuuggaggcuggggguguuugaauggcuugagaucgggg	1	1	s52
Aacuuggaggcuggggguguu	2	1	s52
Aacuuggaggcuggggguguuu	2	1	s52
Aacuuggaggcuggggguguuugaa	1	1	s52
Aacuuggaggcuggggguguuugaauggcu	2	1	s52
Aacuuggaggcuggggguguuugaauggcuugagaucgggg	1	1	s52
acuuggaggcugggggugu	6	0	s52
acuuggaggcuggggguguu	3	0	s52
acuuggaggcuggggguguuu	4	0	s52
acuuggaggcuggggguguuuga	1	0	s52
acuuggaggcuUggggguguuuga	1	1	s52
acuuggaggcuggggguguuugaa	19	0	s52
acuuggaggcuggggguguuugaaug	3	0	s52
acuuggaggcuggggguguuugaaugg	2	0	s52
acuuggaggcuggggguguuugaauggc	16	0	s52
acuuggaggUuggggguguuugaauggc	1	1	s52
acuuggaggcuggggguguuugCauggcu	1	1	s52
acuuggaggcuggggguguuugaCuggcu	2	1	s52
acuuggaggUuggggguguuugaauggcu	2	1	s52
acuuggaggcuggggguguuugaauggcu	79	0	s52
acuuggaggcuggggguguuugaaugUcuu	1	1	s52
acuuggaggcGggggguguuugaauggcuu	1	1	s52
acuuggaggcuggggguguuugaauggcuu	69	0	s52
aUuggaggcuggggguguuugaauggcuu	1	1	s52
acuuggaAgcuggggguguuugaauggcuu	1	1	s52
acuuAaggcuggggguguuugaauggcuu	1	1	s52
acuuggaggcugAgguguuugaauggcuu	1	1	s52
acuuggaggcuggggguguuugaauggcuug	28	0	s52
acuuggCggcuggggguguuugaauggcuug	1	1	s52
acuuggaggcuggggguguuugaauggcuuga	11	0	s52
acuuggaggcuggggguguuugaauggcuugag	4	0	s52
acuuggaggcuggggguguuugaauggcuugaga	11	0	s52
acuuggaggcuggggguguuugaauggcuugagau	6	0	s52
acuuggaggcugAgguguuugaauggcuugagauc	1	1	s52
acuuggaggcuggggguguuugaauggcuugagauc	31	0	s52
acuuggaggcuggggguguuugCauggcuugagauc	1	1	s52
acuuggagAcuggggguguuugaauggcuugagauc	1	1	s52
acuuggaggcuggggguguuugaauggcuugagCuc	1	1	s52
acuuggaggcuggggguguuugaauggcuugagaucg	40	0	s52
acuugAaggcuggggguguuugaauggcuugagaucgg	2	1	s52
acuuggaggcuggggguguuugaauggcuugagaucgg	48	0	s52
acuuggaggcuggggguguuugaauggcuugagaucggg	185	0	s52
acuuggaggcuggggguguuugaaugAcuugagaucggg	1	1	s52
acuuggaggcuggggguguuugaCuggcuugagaucggg	2	1	s52
acuuggaggcuggggguguuugaauggcuugagaucggA	2	1	s52
acuuggCggcuggggguguuugaauggcuugagaucggg	2	1	s52
acuuggaggcuggggguguuugaauggcuugCgaucggg	1	1	s52
acuuggCggcuggggguguuugaauggcuugagaucgggg	3	1	s52
acuuggaggcuggggguguuugaauggcuugCgaucgggg	1	1	s52
acuuggaggcuggggguguuugaauggUuugagaucgggg	1	1	s52
acuuggaggcuggggguguuugaauggcuugagaucgggg	345	0	s52
acuuggaggcuUggguguuugaauggcuugagaucgggg	1	1	s52
acuuggaggcugAgguguuugaauggcuugagaucgggg	1	1	s52
aUuggaggcuggggguguuugaauggcuugagaucgggg	1	1	s52
acuuggaggcuggggguguuugaauggcuugagaucgggU	1	1	s52
acuuggaggcuggggguguuugaauggcuugagaucggCg	1	1	s52
acuuggaggcugggggguuCgaauggcuugagaucggggu	1	1	s52
acuuggaggcuggggguguuugaauggcuugagaucggggu	8	0	s52
Auuggaggcuggggguguu	11	1	s52
Auuggaggcuggggguguuu	2	1	s52
Auuggaggcuggggguguuug	2	1	s52
Auuggaggcuggggguguuuga	1	1	s52
Auuggaggcuggggguguuugaa	16	1	s52
Auuggaggcuggggguguuugaau	1	1	s52
Auuggaggcuggggguguuugaaug	13	1	s52
Auuggaggcuggggguguuugaaugg	2	1	s52
Auuggaggcuggggguguuugaauggc	24	1	s52
Auuggaggcuggggguguuugaauggcu	70	1	s52
Auuggaggcuggggguguuugaauggcuu	46	1	s52
Auuggaggcuggggguguuugaauggcuug	8	1	s52

Star **Mature**

cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggggucccuggggggcgguuguccuauguagaucggguguccacgcuaaguu

Sequence	Count	Flag	Sample
Auuggaggcuggggguguuugaauggcuuga	6	1	s52
Auuggaggcuggggguguuugaauggcuugaga	3	1	s52
Auuggaggcuggggguguuugaauggcuugagau	5	1	s52
Auuggaggcuggggguguuugaauggcuugagauc	17	1	s52
Auuggaggcuggggguguuugaauggcuugagaucg	19	1	s52
cuuggaggcuggggguguuugaauggcuugagaucgg	1	0	s52
Auuggaggcuggggguguuugaauggcuugagaucgg	44	1	s52
Auuggaggcuggggguguuugaauggcuugagaucggg	115	1	s52
cuuggaggcuggggguguuugaauggcuugagaucggg	1	0	s52
Auuggaggcuggggguguuugaauggcuugagaucgggg	124	1	s52
Auggaggcugggggguu	6	1	s52
Auggaggcuggggguguuug	5	1	s52
Auggaggcuggggguguuuga	1	1	s52
Auggaggcuggggguguuugaa	27	1	s52
Auggaggcuggggguguuugaau	2	1	s52
Auggaggcuggggguguuugaaug	15	1	s52
Auggaggcuggggguguuugaaugg	21	1	s52
Auggaggcuggggguguuugaauggc	44	1	s52
Auggaggcuggggguguuugaauggcu	87	1	s52
Auggaggcuggggguguuugaauggcuu	48	1	s52
Auggaggcuggggguguuugaauggcuug	8	1	s52
Auggaggcuggggguguuugaauggcuuga	4	1	s52
Auggaggcuggggguguuugaauggcuugaga	6	1	s52
Auggaggcuggggguguuugaauggcuugagau	2	1	s52
Auggaggcuggggguguuugaauggcuugagauc	13	1	s52
Auggaggcuggggguguuugaauggcuugagaucg	13	1	s52
Auggaggcuggggguguuugaauggcuugagaucgg	38	1	s52
Auggaggcuggggguguuugaauggcuugagaucggg	82	1	s52
Auggaggcuggggguguuugaauggcuugagaucgggg	94	1	s52
Auggaggcuggggguguuugaauggcuugagaucggguccccu	1	1	s52
Aggaggcuggggguguuug	20	1	s52
Aggaggcuggggguguuuga	1	1	s52
Aggaggcuggggguguuugaa	12	1	s52
Aggaggcuggggguguuugaaug	7	1	s52
Aggaggcuggggguguuugaaugg	7	1	s52
Aggaggcuggggguguuugaauggc	7	1	s52
Aggaggcuggggguguuugaauggcu	25	1	s52
Aggaggcuggggguguuugaauggcuu	14	1	s52
Aggaggcuggggguguuugaauggcuug	4	1	s52
Aggaggcuggggguguuugaauggcuugagauc	3	1	s52
Aggaggcuggggguguuugaauggcuugagaucg	5	1	s52
Aggaggcuggggguguuugaauggcuugagaucgg	14	1	s52
Aggaggcuggggguguuugaauggcuugagaucggg	43	1	s52
Aggaggcuggggguguuugaauggcuugagaucgggg	29	1	s52
Agaggcuggggguguuuga	1	1	s52
Agaggcuggggguguuugaa	8	1	s52
Agaggcuggggguguuugaaug	5	1	s52
Agaggcuggggguguuugaaugg	5	1	s52
Agaggcuggggguguuugaauggcu	15	1	s52
Agaggcuggggguguuugaauggcuu	4	1	s52
Agaggcuggggguguuugaauggcuuga	1	1	s52
Agaggcuggggguguuugaauggcuugaga	2	1	s52
Agaggcuggggguguuugaauggcuugagauc	2	1	s52
Agaggcuggggguguuugaauggcuugagaucg	7	1	s52
Agaggcuggggguguuugaauggcuugagaucgg	21	1	s52
Agaggcuggggguguuugaauggcuugagaucggg	26	1	s52
Agaggcuggggguguuugaauggcuugagaucgggg	34	1	s52
Aaggcuggggguguuugaa	1	1	s52
Aaggcuggggguguuugaauggc	1	1	s52
Aaggcuggggguguuugaauggcuu	2	1	s52
Aaggcuggggguguuugaauggcuug	1	1	s52
Aaggcuggggguguuugaauggcuugag	1	1	s52
Aaggcuggggguguuugaauggcuugagauc	1	1	s52
Aaggcuggggguguuugaauggcuugagaucg	1	1	s52
Aaggcuggggguguuugaauggcuugagaucgg	3	1	s52
Aaggcuggggguguuugaauggcuugagaucggg	2	1	s52
Aaggcuggggguguuugaauggcuugagaucgggg	3	1	s52
Aaggcuggggguguuugaauggcuugagaucggggu	1	1	s52
cguagug gcgcacgccuguaauccag aggcuggggguguuugaaugg...aucgggu cccuggggggcgguugucc uauguagaucggguguccacgcuaaguu	1	0	s52
aggcuggggguguuugaauggcu	2	0	s52

```
cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggggucccugggggcgguuguccuauguagaucggguguccacgcuaaguu
```

Sequence	Count	Flag	Sample
....aggcuggggguguuugaauggcuug...	4	0	s52
....aggcuggggguguuugaauggcuuga..	2	0	s52
....aggcuUgggguguuugaauggcuugag...	1	1	s52
....aggcuggggguguuugaauggcuugag...	1	0	s52
....aggcuggggguguuugaauggcuugaga..	3	0	s52
....aggcuggggguguuugaauggcuugagau...	4	0	s52
....aggcuggggguguuugaauggcuugagauc..	2	0	s52
....aggcuggggguguuugaauggcuugagaucg.......................................	2	0	s52
....aggcuggggguguuugaauggcuugagaucgg......................................	2	0	s52
....aggcuggggguguuugaauggcuugagaucggg.....................................	2	0	s52
....aggcuggggguguuugaauggcuugagaucgggg....................................	5	0	s52
....aggcuggggguguuugaauUgcuugagaucgggg....................................	3	1	s52
....Agcuggggguguuugaauggcuugagauc...	1	1	s52
....Agcuggggguguuugaauggcuugagaucg..	4	1	s52
....Agcuggggguguuugaauggcuugagaucgg.......................................	2	1	s52
....Agcuggggguguuugaauggcuugagaucggg......................................	5	1	s52
....Agcuggggguguuugaauggcuugagaucgggg.....................................	22	1	s52
....Agcuggggguguuugaauggcuugagaucggggu....................................	1	1	s52
....Agcuggggguguuugaauggcuugagaucggggucccu................................	1	1	s52
....Acuggggguguuugaauggcu..	3	1	s52
....Acuggggguguuugaauggcuu...	2	1	s52
....Acuggggguguuugaauggcuug..	3	1	s52
....Acuggggguguuugaauggcuugagauc...	1	1	s52
....Acuggggguguuugaauggcuugagaucg..	5	1	s52
....Acuggggguguuugaauggcuugagaucgg.......................................	8	1	s52
....Acuggggguguuugaauggcuugagaucggg......................................	23	1	s52
....Acuggggguguuugaauggcuugagaucgggg.....................................	45	1	s52
....Acuggggguguuugaauggcuugagaucgggguc...................................	1	1	s52
....Acuggggguguuugaauggcuugagaucgggguccc.................................	1	1	s52
....Acuggggguguuugaauggcuugagaucggggucccug...............................	1	1	s52
....Augggguguuugaauggcu...	2	1	s52
....Augggguguuugaauggcuugaga..	1	1	s52
....Augggguguuugaauggcuugagau...	1	1	s52
....Augggguguuugaauggcuugagauc..	2	1	s52
....Augggguguuugaauggcuugagaucg...	6	1	s52
....Augggguguuugaauggcuugagaucgg..	6	1	s52
....Augggguguuugaauggcuugagaucggg.......................................	21	1	s52
....Augggguguuugaauggcuugagaucgggg......................................	59	1	s52
....Augggguguuugaauggcuugagaucggggu.....................................	3	1	s52
....Aggggguguuugaauggcu..	1	1	s52
....Aggggguguuugaauggcuu...	2	1	s52
....Aggggguguuugaauggcuugagauc...	1	1	s52
....Aggggguguuugaauggcuugagaucg..	6	1	s52
....Aggggguguuugaauggcuugagaucgg.......................................	8	1	s52
....Aggggguguuugaauggcuugagaucggg......................................	23	1	s52
....Aggggguguuugaauggcuugagaucgggg.....................................	37	1	s52
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....Aggggguguuugaauggcuugagaucggggucc..................................	1	1	s52
....Aggggguguuugaauggcuugagaucgggguccc.................................	1	1	s52
....Agggguguuugaauggcuu...	2	1	s52
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....Agggguguuugaauggcuugagaucg..	2	1	s52
....Agggguguuugaauggcuugagaucggg......................................	4	1	s52
....Agggguguuugaauggcuugagaucgggg.....................................	17	1	s52
....Aggguuugaauggcuug..	2	1	s52
....Aggguuugaauggcuuga...	1	1	s52
....Aggguuugaauggcuugagau..	1	1	s52
....Aggguuugaauggcuugagauc...	1	1	s52
....Aggguuugaauggcuugagaucgg...	1	1	s52
....Aggguuugaauggcuugagaucggg..	4	1	s52
....Aggguuugaauggcuugagaucgggg.......................................	15	1	s52
....Agguuugaauggcuugagaucggggucccugggggcgguuguccu....................	1	1	s52
....Auguuugaauggcuugagaucgggg......................................	1	1	s52
....Auguuugaauggcuugagaucgggg......................................	9	1	s52
....Aguuugaauggcuugagauc...	1	1	s52
....Aguuugaauggcuugagaucg..	6	1	s52
....Aguuugaauggcuugagaucgg.......................................	2	1	s52
....Aguuugaauggcuugagaucggg......................................	5	1	s52
....Aguuugaauggcuugagaucgggg.....................................	9	1	s52
....Aguuugaauggcuugagaucgggguccc..................................	1	1	s52

Star   **Mature**

cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggggcccuggggggcgguugucuauguagaucggguguccacgcuaaguu

Sequence	Count	Flag	ID
....Auugaauggcuugagauc..	1	1	s52
....Auugaauggcuugagaucg...	3	1	s52
....Auugaauggcuugagaucgg..	2	1	s52
....Auugaauggcuugagaucggg...	12	1	s52
....Auugaauggcuugagaucgggg..	37	1	s52
....Auugaauggcuugagaucggggu.......................................	2	1	s52
....Auugaauggcuugagaucggggucc.....................................	1	1	s52
....Auugaauggcuugagaucgggguccc....................................	1	1	s52
....Auugaauggcuugagaucggggucccu...................................	1	1	s52
....Auugaauggcuugagaucggggucccugg.................................	5	1	s52
....Auugaauggcuugagaucggggucccuggg................................	1	1	s52
....Augaauggcuugagaucg...	1	1	s52
....Augaauggcuugagaucgg..	1	1	s52
....Augaauggcuugagaucggg...	8	1	s52
....Augaauggcuugagaucgggg..	36	1	s52
....Augaauggcuugagaucggggu.......................................	2	1	s52
....Augaauggcuugagaucgggguccc.....................................	1	1	s52
....Augaauggcuugagaucggggucccuggg................................	1	1	s52
....Augaauggcuugagaucggggucccugggg...............................	1	1	s52
....Agaauggcuugagaucgg..	4	1	s52
....Agaauggcuugagaucggg...	15	1	s52
....Agaauggcuugagaucgggg..	24	1	s52
....Cgaauggcuugagaucgggg..	1	1	s52
....Agaauggcuugagaucggggu.......................................	2	1	s52
....Aaauggcuugagaucggg...	7	1	s52
....Aaauggcuugagaucgggg..	21	1	s52
....Aaauggcuugagaucggggu.......................................	3	1	s52
....Aaauggcuugagaucggggucccugg.................................	1	1	s52
....aaAggcuugagaucgggg..	2	1	s52
....aauggcuugagaucgggg..	39	0	s52
....aauggcuugagaucggggu.......................................	1	0	s52
....aauggcuCgagaucggggu.......................................	1	1	s52
....aauggcuugagaucggggAcc.....................................	1	1	s52
....aauggcuugagaucgggguccccuggg..............................	1	0	s52
....aauggcuugagaucggggguAccuggggggcgguuguccuaug...............	1	1	s52
....auggcuugagaucggggu.......................................	1	0	s52
....aAggcuugagaucggggu.......................................	1	1	s52
....auggcuugagaucggggguccc...................................	1	0	s52
....auggcuugagaucgggguccccug.................................	3	0	s52
....auggcuugagaucgggGCcccug.................................	1	1	s52
....auggcuugagaucggggguccccuggggggcggu........................	3	0	s52
....Aggcuugagaucgggguc.....................................	1	1	s52
....Aggcuugagaucgggguccc...................................	1	1	s52
....Aggcuugagaucgggguccccug.................................	2	1	s52
....Agcuugagaucgggguccc...................................	1	1	s52
....Agcuugagaucgggguccccu..................................	1	1	s52
....Acuugagaucgggguccc...................................	1	1	s52
....Acuugagaucgggguccccugggg..............................	1	1	s52
....Auuugagaucgggguccccugggggcgg..........................	1	1	s52
....Auuugagaucgggguccccugggggcgguug.......................	1	1	s52
....Acgggguccccugggggcgg..........................	2	1	s52
....Acgggguccccugggggcggu.........................	1	1	s52
....Agggguccccugggggcgguuguccc...................	1	1	s52
....Agguccccugggggcgguuguccc...................	1	1	s52
....Agguccccugggggcgguuguccu...................	1	1	s52
....Agguccccugggggcgguuguccuauguagauc...........	2	1	s52
....Aguccccugggggcgguuguccuauguа...............	1	1	s52
....Aguccccugggggcgguuguccuauguagaucggguguccа.........	1	1	s52
....Aguccccugggggcgguuguccuauguagaucggguguccac.......	1	1	s52
....Aguccccugggggcgguuguccuauguagaucggguguccacg.......	1	1	s52
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Star **Mature**

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....Auuugaauggcuugagaucggggucccug...	3	1	s60
....Auuugaauggcuugagaucggg...	3	1	s60
cguaguggcgcacgccuguaauccagcuacuuggaggcu.........Auuugaauggcuugagaucggg...cccuggggcgguuguccuauguagaucggguguccacgcuaaguu	16	1	s60
....Auugaauggcuugagaucgggg..	33	1	s60

Star **Mature**

cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggggcccuggggggcgguugucccuauguagaucggguguccacgcuaaguu

Sequence			
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Accuggggggcgguuguccuauguagaucggguguccc	5	1	s60

cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggggcccuggggggcgguugucccuauguagaucggguguccacgcuaaguu

Star   **Mature**

cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggggucccuggggggcgguugucc uauguagaucggguguccacgcuaaguu

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..............................................................................Accuggggggcgguuguccuauguagaucggguguccacg.......    3   1   s60
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...........................................................................................Auauguagaucggggguguccacgcu.....    1   1   s60
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............................................................................................Aauguagaucgggugucc..........    2   1   s60
............................................................................................Aauguagaucggguguccа.........    2   1   s60
............................................................................................Aauguagaucggguguccac........    1   1   s60
............................................................................................Aauguagaucggguguccacg.......    3   1   s60
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Sequence	Count		Sample
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....auguagaucggguguccac........	1	0	s60
....auguagaucggguguccacg.......	1	0	s60
....auguagaucggguguccacgc......	4	0	s60
....auguagaucggguguccacgcu.....	2	0	s60
....auguagaucggguguccacgcua....	3	0	s60
....auguagaucggguguccacgcuaa...	2	0	s60
....auguagaucggguguccacgcuaaU...	1	1	s60
....auguagaucggguguccacgcuaaA..	1	1	s60
....auguagaucggguguccacgcuaag..	6	0	s60
....auguagaucggguguccacgcuaagu.	4	0	s60
....auguagaucggguguccacgcuaaUu.	1	1	s60
....auguagaucggguguccacgcuaaguu	7	0	s60
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....Aguagaucggguguccacgcuaa...	1	1	s60
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Star   **Mature**

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Star   **Mature**

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Star   **Mature**

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Read sequence	Count	Flag	Label
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Aggaggcuggggguguuugaauggcu	108	1	s85
Aggaggcuggggguguuugaauggcuu	19	1	s85
Aggaggcuggggguguuugaauggcuug	5	1	s85
Aggaggcuggggguguuugaauggcuuga	2	1	s85
Aggaggcuggggguguuugaauggcuugag	1	1	s85
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Aggaggcuggggguguuugaauggcuugagau	1	1	s85
Aggaggcuggggguguuugaauggcuugagauc	8	1	s85
Aggaggcuggggguguuugaauggcuugagaucg	13	1	s85
Aggaggcuggggguguuugaauggcuugagaucgg	59	1	s85
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Aggaggcuggggguguuugaauggcuugagaucgggguc	1	1	s85
Agaggcuggggguguuuga	2	1	s85
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Agaggcuggggguguuugaaugg	17	1	s85
Agaggcuggggguguuugaauggc	17	1	s85
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Acuggggguguuugaauggcuugagauc	2	1	s85
Acuggggguguuugaauggcuugagaucg	1	1	s85
Acuggggguguuugaauggcuugagaucgg	2	1	s85

Star   **Mature**

cguagug gcgcacgccuguaauccag cuacuuggaggcuggggguguuugaauggcuugagaucggggu cccuggggcgguugucc uauguagaucggguguccacgcuaaguu

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Caauggcuugagaucggg	1	1	s85

Star   Mature

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Star   **Mature**

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Star   Mature

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..............................Auggaggcuggggguguuugaauggcuuga...	3	1	s72
..............................Auggaggcuggggguguuugaauggcuugag..	1	1	s72
..............................Auggaggcuggggguguuugaauggcuugaga...	2	1	s72
..............................Auggaggcuggggguguuugaauggcuugagau..	1	1	s72
..............................Auggaggcuggggguguuugaauggcuugagauc...	13	1	s72
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..............................Auggaggcuggggguguuugaauggcuugagaucgg...	81	1	s72
..............................Auggaggcuggggguguuugaauggcuugagaucggg..	194	1	s72
..............................Auggaggcuggggguguuugaauggcuugagaucgggg...	220	1	s72
..............................Auggaggcuggggguguugaauggcuugagaucggggu..	3	1	s72
..............................Auggaggcuggggguguuugaauggcuugagaucgggguccc.......................................	1	1	s72
..............................Auggaggcuggggguguuugaauggcuugagaucggggucccu......................................	2	1	s72
..............................Auggaggcuggggguguuugaauggcuugagaucggggucccugggggc................................	1	1	s72
...............................Aggaggcuggggguguuug...	13	1	s72
cguagug........................Aggaggcuggggguguuuga..	2	1	s72
...............................Aggaggcuggggguguuugaa...	11	1	s72

Star   **Mature**

cguagug*gcgcacgccuguaauccag*cuacuuggaggcuggggguguuugaauggcuugagaucgggg*cccuggggggcgguuguccu*uauguagaucggguguccacgcuaaguu

Sequence	Count	Flag	ID
....Aggaggcuggggguguuugaau..	1	1	s72
....Aggaggcuggggguguuugaaug...	8	1	s72
....Aggaggcuggggguguuugaaugg..	58	1	s72
....Aggaggcuggggguguuugaauggc...	15	1	s72
....Aggaggcuggggguguuugaauggcu..	40	1	s72
....Cggaggcuggggguguuugaauggcuu...	1	1	s72
....Aggaggcuggggguguuugaauggcuu...	8	1	s72
....Aggaggcuggggguguuugaauggcuug..	5	1	s72
....Aggaggcuggggguguuugaauggcuugagau...	1	1	s72
....Aggaggcuggggguguuugaauggcuugagauc..	4	1	s72
....Aggaggcuggggguguuugaauggcuugagaucg...	11	1	s72
....Aggaggcuggggguguuugaauggcuugagaucgg..	51	1	s72
....Aggaggcuggggguguuugaauggcuugagaucggg...	103	1	s72
....Aggaggcuggggguguuugaauggcuugagaucgggg..	103	1	s72
....Aggaggcuggggguguuugaauggcuugagaucggggu...	2	1	s72
....Aggaggcuggggguguuugaauggcuugagaucgggguccc..	1	1	s72
....Agaggcuggggguguuuga..	7	1	s72
....Agaggcuggggguguuugaa...	6	1	s72
....Agaggcuggggguguuugaau..	1	1	s72
....Agaggcuggggguguuugaaug...	4	1	s72
....Agaggcuggggguguuugaaugg..	16	1	s72
....Agaggcuggggguguuugaauggc...	10	1	s72
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....Agaggcuggggguguuugaauggcuug..	5	1	s72
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....Agaggcuggggguguuugaauggcuugagauc...	11	1	s72
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....Agcuggggguguuugaauggcuugagaucggg...	9	1	s72
....Cgcuggggguguuugaauggcuugagaucggg...	1	1	s72
....Agcuggggguguuugaauggcuugagaucgggg..	16	1	s72
....Agcuggggguguuugaauggcuugagaucggggu...	1	1	s72
....Acuggggguguuugaauggc..	1	1	s72
....Acuggggguguuugaauggcu...	3	1	s72
....Acuggggguguuugaauggcuu..	1	1	s72
....Acuggggguguuugaauggcuuga..	2	1	s72

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Sequence	Count		Label
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Acuggggguguuugaauggcuugagaucg	1	1	s72
Acuggggguguuugaauggcuugagaucgg	9	1	s72
Acuggggguguuugaauggcuugagaucggg	18	1	s72
Acuggggguguuugaauggcuugagaucgggg	34	1	s72
Acuggggguguuugaauggcuugagaucggggu	3	1	s72
Auggggguguuugaauggc	1	1	s72
Auggggguguuugaauggcuug	1	1	s72
Auggggguguuugaauggcuugaga	2	1	s72
Auggggguguuugaauggcuugagaucgg	4	1	s72
Auggggguguuugaauggcuugagaucggg	14	1	s72
Auggggguguuugaauggcuugagaucgggg	37	1	s72
Auggggguguuugaauggcuugagaucggggu	1	1	s72
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Aggggguguuugaauggcuugagau	2	1	s72
Aggggguguuugaauggcuugagauc	1	1	s72
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Aggggguguuugaauggcuugagaucgg	6	1	s72
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Aggggguguuugaauggcuugagaucgggg	31	1	s72
Aggggguguuugaauggcuugagaucggguc	1	1	s72
Aggggguguuugaauggcuugagaucggguccc	2	1	s72
Agggguguuugaauggcuugaga	3	1	s72
Agggguguuugaauggcuugagaucg	1	1	s72
Agggguguuugaauggcuugagaucgg	4	1	s72
Agggguguuugaauggcuugagaucggg	10	1	s72
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Auguuugaauggcuugagaucggg	3	1	s72
Auguuugaauggcuugagaucgggg	4	1	s72
Auguuugaauggcuugagaucggggu	1	1	s72
Auguuugaauggcuugagaucggggucc	1	1	s72
Aguuugaauggcuugagau	3	1	s72
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Aguuugaauggcuugagaucgggg	12	1	s72
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Auugaauggcuugagaucggg	15	1	s72
Auugaauggcuugagaucgggg	33	1	s72
Auugaauggcuugagaucggggu	4	1	s72
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Auugaauggcuugagaucgggucccuggg	1	1	s72
Augaauggcuugagaucg	3	1	s72
Augaauggcuugagaucgg	5	1	s72
Augaauggcuugagaucggg	14	1	s72
Augaauggcuugagaucgggg	38	1	s72
Augaauggcuugagaucggggu	3	1	s72
Augaauggcuugagaucgggucccuggg	2	1	s72
Agaauggcuugagaucg	3	1	s72
Agaauggcuugagaucggg	8	1	s72
Agaauggcuugagaucgggg	28	1	s72
Cgaauggcuugagaucgggg	1	1	s72
Agaauggcuugagaucggggu	3	1	s72
Agaauggcuugagaucgggucccugggggcgguuguccua	1	1	s72
Aaauggcuugagaucggg	13	1	s72

cguagug**gcgcacgccuguaauccag***cuacuuggaggcugggggguguuugaauggcuugagaucgggg*u**ccc***ugggggcgguuguccc*uauguagaucggguguccacgcuaaguu

Sequence	Count	Flag	Sample
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...Aaauggcuugagaucgggggucc...	1	1	s72
...Aaauggcuugagaucgggggucccc...	1	1	s72
...Aaauggcuugagaucgggggucccugggg...	2	1	s72
...aaauggcuugagaucggggg...	26	0	s72
...aaauggcuugagaucggggggu...	5	0	s72
...aaauggcuugagaucggggCcc...	1	1	s72
...aaauggcuugagaucggggguAccuggggggcg...	1	1	s72
...auggcuugagaucggggggu...	2	0	s72
...auggcuugagaucggggggC...	3	1	s72
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...auggcuugagaucgggggguA...	1	1	s72
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.......aucggggguAccuggggggcgguug...	1	1	s72
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.........Aguccccugggggcgguuguccu...	1	1	s72
.........gucccugggggcgguuguccc...	1	0	s72
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.........Acccugggggcgguuguccc...	45	1	s72
.........Acccugggggcgguuguccccu...	4	1	s72
.........Ccccugggggcgguuguccu...	1	1	s72
.........Acccugggggcgguuguccua...	1	1	s72
.........AcccugggggcgguuguccuauguA...	1	1	s72
.........Acccugggggcgguuguccuauguagaucggg...	1	1	s72
.........Acccugggggcgguuguccuauguagaucggguguccacgcua...	1	1	s72
..........Accugggggcgguuguccc...	255	1	s72
..........Accugggggcgguuguccu...	45	1	s72
..........Accugggggcgguuguccua...	17	1	s72
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..........Accugggggcgguuguccuauguagaucggguguccca...	9	1	s72
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..........Accugggggcgguuguccuauguagaucggguguccacgc...	3	1	s72
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..........Accugggggcgguuguccuauguagaucggguguccacgcuaa...	3	1	s72
...........Auggggcgguuguccua...	2	1	s72
...........Auggggcgguuguccuauguagauc...	1	1	s72
...........Auggggcgguuguccuauguagaucg...	2	1	s72
...........Auggggcgguuguccuauguagaucggggug...	1	1	s72
...........Auggggcgguuguccuauguagaucgggguguccc...	2	1	s72
...........Auggggcgguuguccuauguagaucggguguccca...	1	1	s72
...........Auggggcgguuguccuauguagaucggguguccacgcu...	1	1	s72
............Agggggcgguuguccuaug...	1	1	s72
............Agggggcgguuguccuaugu...	3	1	s72
............Agggggcgguuguccuauguа...	2	1	s72
............Agggggcgguuguccuauguag...	1	1	s72
............Agggggcgguuguccuauguaga...	2	1	s72

Star   Mature

`cguaguggcgcacgccuguaauccagcuacuuggaggcuggggguguuugaauggcuugagaucggguccuggggggcgguuguccuauguagaucgggguguccacgcuaaguu`

Sequence			
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Aggggcgguuguccuauguagaucg	1	1	s72
Aggggcgguuguccuauguagaucgg	6	1	s72
Aggggcgguuguccuauguagaucgggu	1	1	s72
Aggggcgguuguccuauguagaucggguug	1	1	s72
Aggggcgguuguccuauguagaucgggugucc	1	1	s72
Aggggcgguuguccuauguagaucggggugucca	2	1	s72
Agggcgguuguccuaug	1	1	s72
Agggcgguuguccuauguag	2	1	s72
Agggcgguuguccuauguaga	1	1	s72
Agggcgguuguccuauguagaucgggu	2	1	s72
Agggcgguuguccuauguagaucgggguguc	1	1	s72
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Acgguuguccuauguagauc	1	1	s72
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Agguuguccuauguagau	1	1	s72
Agguuguccuauguagauc	1	1	s72
Agguuguccuauguagaucgg	2	1	s72
Agguuguccuauguagaucggg	4	1	s72
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Auccuauguagaucgggguguccacg	2	1	s72
Auccuauguagaucgggguguccacgcua	2	1	s72
Cccuauguagaucggguug	1	1	s72
Accuauguagaucgggguguc	1	1	s72
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Auauguagaucgggguguccacg	2	1	s72
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auguagaucgggguguccacgcuaag	4	0	s72

```
                Star                              Mature

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...................................................................................................auguagaucggguguccacgcuaaUuu   1   1   s72
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..................................................................................................Aguagaucggguguccacgc......   1   1   s72
..................................................................................................Aguagaucggguguccacgcuaag..   1   1   s72
..................................................................................................Aguagaucggguguccacgcuaagu.   2   1   s72
..................................................................................................Auagaucggguguccacgcua....   1   1   s72
..................................................................................................Auagaucggguguccacgcuaa...   1   1   s72
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.....................................................................................................aucggguguccacgcuaa...   3   0   s72
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.....................................................................................................aucggguguccacgcuaaguu   1   0   s72
....................................................................................................Acggguguccacgcuaag..   2   1   s72


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...aguggcgcacgccuguaauccagcu.....................................................................................   3   0   s13
...aguggcgcacgccuguaauccagUu.....................................................................................   1   1   s13
...aguggcgcacgccuguaauccagGu.....................................................................................   1   1   s13
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.......................Acuacuuggaggcugggggguguuugaauggcuu........................................................   1   1   s13
........................Aacuuggaggcugggggguguuugaauggcuug........................................................   1   1   s13
.................acuuggaggUugggggugu.............................................................................   1   1   s13
.................acuuggaggcugggggugu.............................................................................   6   0   s13
.................acuuggaggcuggggguguu............................................................................   7   0   s13
.................acuuggaggcuggggguguuu...........................................................................   4   0   s13
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Sequence	Count	M	Sample
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aggcuggggguguuugaauggcuugagaucgggg	7	0	s13
Agcugggguguuugaauggcuugaga	1	1	s13
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Acuggggguguuugaauggcuugagaucggg	6	1	s13
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Agggguguuugaauggcuugagaucgggg	14	1	s13
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aauUgcuugagaucggggu	1	1	s13
aauggcuugagaucggggu	8	0	s13
aauggcuugagaucgggguc	2	0	s13
aauggcuugagaucgggguccc	1	0	s13
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Star **Mature**

cguagug gcgcacgccuguaauccag cuacuuggaggcuggggguguuugaauggcuugagaucggggu cccuggggggcgguugucc uauguagaucgggguguccacgcuaaguu

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Star   Mature

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....Aguagaucgggguguccacgcua....	1	1	s23
....Aguagaucgggguguccacgcuaaguu	2	1	s23
....agaucgggguguccacgcuaag..	1	0	s23
....aucgggguguccacgcuaag..	2	0	s23
....Acgggguguccacgcuaag..	7	1	s23