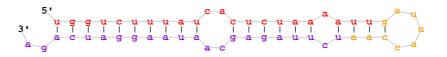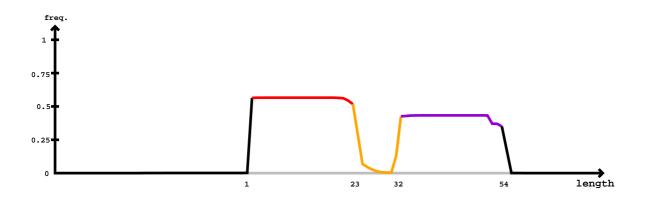| Provisional ID	:	chromosome_5_163972
Score total	:	1849.6
Score for star read(s)	:	3.9
Score for read counts	:	1843.7
Score for mfe	:	0.4
Score for randfold	:	1.6
Score for cons. seed	:	
Total read count	:	3628
Mature read count	:	2045
Loop read count	:	0
Star read count	:	1583

Mature **Star**

```
5'- aaaauucgaaaaauuaaaggaaaagagcagcauaacaucuggucuuuaucacucuaaaauugauuaccaaucuuagagcaauaaggaucagacguuguacaaaucuaaacaa  -3'    obs
    aaaauucgaaaaauuaaaggaaaagagcagcauaacaucuggucuuuaucacucuaaaauugauuaccaaucuuagagcaauaaggaucagacguuguacaaaucuaaacaa         exp
    ......................(((...(.(((((.((((((((((((..((((((.(((((.....))))).)))))).))))))))))).)))))).)...)))......    reads   mm   sample
    .............................uggucuuuaucacucuaaaau..................................................              1     0    s18
    .............................uggCcuuuaucacucuaaaauu.................................................              1     1    s18
    .............................uggcuuuaucacucuaaaauu..................................................              1     0    s18
    .............................uggucuuuaucacucuaaaauuU................................................              2     1    s18
    .............................uggucuCuaucacucuaaaauug................................................              1     1    s18
    ...................................................aucuCagagcaauaaggauc..............................              1     1    s18
    ...................................................aucuuagagcaauaaggaucag............................              1     0    s18
    ...................................................aucuuagagcaauaaggaucaga...........................              9     0    s18
    ...................................................ucuuagagcaauaaggUuc...............................              1     1    s18
    ...................................................ucuuagagcaauaaggauc...............................              5     0    s18
    ...................................................ucuuagagcaauaaggauU...............................              2     1    s18
    ...................................................ucuuagagcaauaaggaucag.............................              2     0    s18
    ...................................................Acuuagagcaauaaggaucaga............................              1     1    s18
    ...................................................ucuuagagcaauaagCaucaga.............................              1     1    s18
    ...................................................ucuuagagcaauaaggaucaga.............................             37     0    s18
    ...................................................ucuuagagcaauaaggaucagU.............................              1     1    s18
    ...................................................ucuuagagcaauaagUaucaga.............................              1     1    s18

    .............................uggucuuuaucacucuaaaau..................................................              2     0    s05
    .............................uggucuuuaucGcucuaaaau..................................................              1     1    s05
    .............................uggucuuuaucacucuaaaauC.................................................              1     1    s05
    .............................uggucuuuaucUcucuaaaauu.................................................              1     1    s05
    .............................uggucuuuaucacucuaaaauG.................................................              1     1    s05
    .............................uggucuuuaucacucuaaaauu.................................................             32     0    s05
    .............................uggucuuuaucGcucuaaaauug................................................              2     1    s05
    .............................uggucuuuaucacucuaaaauuU................................................              1     1    s05
    .............................uggucuuuaucacucuaaaauug................................................             17     0    s05
    .............................uggucuuuaucacucuaaaauuA................................................             14     1    s05
    .............................uggucuuuaucacucuaaaauuga...............................................              2     0    s05
    .............................uggucuuuaucacucuaaaauugau..............................................              2     0    s05
    .............................uggucuuuaucacucuaaaauugauua............................................              2     0    s05
    .............................uggucuuuaucacucuaaaauugauuacUa.........................................              1     1    s05
    ...................................................aucuuagagcaauaaggauU..............................              2     1    s05
```

aaaauucgaaaaauuaaaggaaaagagcagcauaacaucuggucuuuaucacucuaaaauugauuaccaaucuuagagcaauaaggaucagacguuguacaaaucuaaacaa

Sequence	Count	MM	Sample
aucuuagagcaauaaggauc	7	0	s05
aucuuagagcaauaaggaucag	2	0	s05
aucuuagagcaauaaggaucagU	4	1	s05
aucuuagagcaauaaggaucaga	8	0	s05
ucuuagagcaauaaggauc	8	0	s05
ucuuagagcaauaaggaucag	1	0	s05
ucuuagagcaauaaggaucagG	2	1	s05
ucuuagagcaauaaggaucagU	1	1	s05
ucuuagagcaauaaggaucaga	13	0	s05
ucuuagagcGauaaggaucaga	2	1	s05
ucuuagagcaauaaggaucagaA	1	1	s05
uggucuuuaucacucuaaa	2	0	s02
uggucuuuaucacucuaaaU	1	1	s02
uggucuuuaucacucuaaaa	23	0	s02
uggucuuuaucacucuaaGa	2	1	s02
Cggucuuuaucacucuaaaau	1	1	s02
uggGcuuuaucacucuaaaau	1	1	s02
uggucuuuaucacucuaaaaC	5	1	s02
uggucuuuaucacucuaaaau	42	0	s02
uggucuuuaucacucuaaaUuu	1	1	s02
uggucuuuaucacAcuaaaauu	1	1	s02
uggucuuuaucacucuaaaaGu	2	1	s02
uggucCuuaucacucuaaaauu	1	1	s02
uggucuuuaucacucuaaaauC	29	1	s02
uggucuuuaucGcucuaaaauu	2	1	s02
Aggucuuuaucacucuaaaauu	1	1	s02
uggucuuuaucacucuaaaauu	234	0	s02
uggCcuuuaucacucuaaaauu	1	1	s02
uggucuuuGucacucuaaaauu	1	1	s02
uggucuuuaucacucuaGaauu	2	1	s02
Cggucuuuaucacucuaaaauu	6	1	s02
uggucuuCaucacucuaaaauu	2	1	s02
uggucuGuaucacucuaaaauu	1	1	s02
uggucuuuaucacucuaaaGuu	1	1	s02
uggucuuuaucacucuaaaAu	3	1	s02
uggucuuuaucacucuaaaauA	4	1	s02
uggucuuuaucacucuaaaauG	4	1	s02
uggucuuuaucacGcuaaaauu	1	1	s02
uggucuCuaucacucuaaaauu	3	1	s02
uggucuuuaucacucuaaaauuU	11	1	s02
Aggucuuuaucacucuaaaauug	2	1	s02
uggucuuuaucacucuaaaUuug	1	1	s02
uggucuuuaucacucAaaaauug	1	1	s02
uggucuuuaucacucuaaaauug	106	0	s02
uggucCuuaucacucuaaaauug	2	1	s02
uggucuuuaucacucuaaaauuA	151	1	s02
uggucuuuaucacucuaaaauuC	1	1	s02
uggucuuuaucacucuaCaauug	1	1	s02
uggucuuuaucacucuaaaauCg	1	1	s02
uggucuuuaucacucuaaGauug	1	1	s02
uggucuuuaucGcucuaaaauug	2	1	s02
uggucuuuaucacucuaaaGug	1	1	s02
uggucuuuaucacucuaaaauuAa	18	1	s02
uggucCuuaucacucuaaaauuga	1	1	s02
Cggucuuuaucacucuaaaauuga	1	1	s02
uggCcuuuaucacucuaaaauuga	2	1	s02
uggucuuuaucacucuaaaauuga	16	0	s02
uggucuuuaucacucuaaaauuUa	2	1	s02
uggucuuuaucacucuaaaauugU	2	1	s02
uggucuuGaucacucuaaaauugau	1	1	s02
uggucuuuaucacucuaaaauugUu	1	1	s02
uggucuuuaucacucuaaaauugau	18	0	s02
Aggucuuuaucacucuaaaauugau	1	1	s02
uggucuuuaucacucuaaaauugaC	3	1	s02
uggucuuuaucacucuaaaauuAau	9	1	s02
uggucuuuaucacucuaaaauugauu	18	0	s02
uggucuuuaucacucuaaaauugauC	2	1	s02
uggucuuuaucacucuaaaauugauA	7	1	s02
uggucuuuaucacucuaaaauuUauua	1	1	s02

```
aaaauucgaaaaauuaaaggaaaagagcagcauaacaucuggucuuuaucacucuaaaauugauuaccaaucuuagagcaauaaggaucagacguuguacaaaucuaaacaa
```

Sequence	Count	X	Sample
....Aggucuuuaucacucuaaaauugauua..	2	1	s02
....uggucuuuaucacucuaaaauugauuU...	2	1	s02
....uggucuuuaucacucuaaaauugauua..	2	0	s02
....uggucuuuaucacucuaaaauugauuaU...	5	1	s02
....uggucuuuaucacucuaaaauugauuacUa...	6	1	s02
....ggucuuuaucacucuaaaauuA...	2	1	s02
....aucuuagagcaauaaggauc.......................................	2	0	s02
....aucuuagagcaauaaggaucag.....................................	2	0	s02
....aucuuGgagcaauaaggaucaga....................................	1	1	s02
....aucuuagagcaauaaggaucagC....................................	2	1	s02
....aucuuagagcaauaaggaucagU....................................	6	1	s02
....aucuuagagcaauaaggaucaCa....................................	1	1	s02
....aucCuagagcaauaaggaucaga....................................	1	1	s02
....aucuuagagcaauaaggaucUga....................................	2	1	s02
....aucuuagagcaauaaggaucaAa....................................	1	1	s02
....aucuuagagcaauaaggaucaga....................................	66	0	s02
....aucuuagagcaauaaggaAcaga...................................	1	1	s02
....aucuuagagcaaCaaggaucaga....................................	1	1	s02
....aucuuagGgcaauaaggaucaga....................................	1	1	s02
....ucuuagagcaauaaggauU......................................	2	1	s02
....ucuuagagcaauaaggauc.......................................	27	0	s02
....ucuuagagcaauUaggauc......................................	7	1	s02
....ucuuagagcaauaaggaucag.....................................	7	0	s02
....ucuuagagcaauaaggaucagU....................................	9	1	s02
....ucuuagagcaauaaggaCcaga....................................	1	1	s02
....ucuuagagcaauaaggaucaga....................................	96	0	s02
....ucuuagagcaauaagCaucaga....................................	1	1	s02
....ucCuagagcaauaaggaucaga....................................	1	1	s02
....ucuuagagcaauUaggaucaga...................................	19	1	s02
....ucuuagagcaauaaggaucGga...................................	4	1	s02
....ucuuagagcaauaUggaucaga....................................	2	1	s02
....ucuuagagcaauaaggauUaga....................................	1	1	s02
....ucuuagagcaauaaAgaucaga....................................	1	1	s02
....ucuuagagcGauaaggaucaga....................................	1	1	s02
....ucuuGgagcaauaaggaucaga....................................	1	1	s02
....Gcuuagagcaauaaggaucaga....................................	2	1	s02
....ucuuagagcaauaaggaucagG....................................	3	1	s02
....ucuuagagcaauaaggaucagac...................................	3	0	s02
....ucuuagagcaauaaggaucagaA..................................	4	1	s02
....uuagagcaauaaggaucaga.....................................	5	0	s02
....uagagcaauaaggaucaga.....................................	1	0	s02
....uggucuuuaucacucuaaaauug...	3	0	s11
....uggucuuuaucacucuaaaaGug...	1	1	s11
....aucuuagagcaauaaggaucaga....................................	2	0	s11
....ucuuagagcaauaaggaucaga....................................	4	0	s11
....uggucuuuaucacucuaaa...	2	0	s10
....uggucuuuaucacucuaaaa..	7	0	s10
....uggucuuuaucacucuaaaau...	10	0	s10
....uggucuuuaucacucuaaaauC..	2	1	s10
....uggucuuuaucacucuaaaaGu..	1	1	s10
....Cggucuuuaucacucuaaaauu..	1	1	s10
....uggucuuuaucacucuaaaauu..	20	0	s10
....ugguUuuuaucacucuaaaauug...	1	1	s10
....uggucuuuaucacucuaaaauug...	33	0	s10
....uggucuuuaucacucuaaaauuU...	3	1	s10
....uggucuuuaucacucuaaaauuA...	5	1	s10
....Aggucuuuaucacucuaaaauug...	1	1	s10
....uggucuuuaucacucuaaaauuga..	4	0	s10
....uggucuuuaucacucuaaaauugau...	3	0	s10
....uggucuuuaucacucuaaaauugaCu..	3	1	s10
....uggucuuuaucacucuaaaauugauuU...	2	1	s10
....uggucuuuaucacucuaaaauugauua...	1	0	s10
....uggucuuuaucacucuaaaauuUauua...	1	1	s10
....uggucuuuaucacucuaaaauugauuaU..	1	1	s10
....ggucuuuaucacucuaaaauug..	1	0	s10
....aucuuagagcaauaaggauc.......................................	4	0	s10
aaaauucgaaaaauuaaaggaaaagagcagcauaacaucuggucuuuaucacucuaaaauugauuaccaaucuuagagcaauaaggauU...............................	2	1	s10
....aucuuagagcGauaaggauc.......................................	2	1	s10

aaaauucgaaaaauuaaaggaaaagagcagcauaacaucuggucuuuaucacucuaaaauugauuaccaaucuuagagcaauaaggaucagacguuguacaaaucuaaacaa

Sequence	Count	Mismatch	Sample
....aucuuagagcaauaaggaucag....................	4	0	s10
....aucuuagagcaauGaggaucaga...................	1	1	s10
....aucuuagagcaauaGggaucaga...................	1	1	s10
....aucuuagagcaauaaggaucagU...................	1	1	s10
....aucuuagagcaauaaggaucagG...................	1	1	s10
....aucuuagagcaauaaggaucaga...................	35	0	s10
....ucuuagagcaauaaggauU....................	2	1	s10
....ucuuagagcaauaaggauc.....................	28	0	s10
....ucuuagagcaauaaggaCcag...................	1	1	s10
....ucuuagagcaauaaggaucag...................	8	0	s10
....ucuuagagcaauaaggaucagU...................	7	1	s10
....ucuuagagcaauaaggaucaga...................	100	0	s10
....ucuuagagcaauaaggaucagC...................	6	1	s10
....ucuuagagcaauaaggaucUga...................	1	1	s10
....ucuuagagcaauaaggaCcaga..................	1	1	s10
....ucuuagagcaauaaggaucGga...................	2	1	s10
....ucuuagGgcaauaaggaucaga...................	4	1	s10
....ucuuagagcaGuaaggaucaga...................	1	1	s10
....ucuuagagcaUuaaggaucaga...................	1	1	s10
....ucuuagagcaauaaggaucagG...................	2	1	s10
....ucuuagagcaauaaggaucagaA..................	7	1	s10
....uuagagcaauaaggaucaga...................	1	0	s10
....uggucuuuaucacucuaaaau..	1	0	s17
....uggucuuuaucacAcuaaaauu...	1	1	s17
....uggucuuuaucacucuaaaauu...	5	0	s17
....uggucuuuaucacucuaaaauC...	2	1	s17
....uggucuuuaucacucuaaaauA...	2	1	s17
....Cggucuuuaucacucuaaaauug..	1	1	s17
....uggucuuuaucacucuaaaauuA..	2	1	s17
....uggucuuuaucGcucuaaaauug..	2	1	s17
....uggucuuuaucacucuaaaauug..	11	0	s17
....uggucuuuaucacucuaaaauuga..	1	0	s17
....ucuuagagcaauaaggaucagU...................	2	1	s17
....ucuuagagcaauaaggaucaga...................	3	0	s17
....ucuuagagcaauaaggaucagaA..................	1	1	s17
....uuagagcaauaaggaucaga...................	1	0	s17
....uggucuuuaucacucuaaa...	1	0	s01
....uggucuuuaucacucuaaaa..	6	0	s01
....uggucuuuaucacucuaaaauu...	6	0	s01
....uggCcuuuaucacucuaaaauug..	1	1	s01
....uggucuuuaucacucuaaaauug..	11	0	s01
....uggucuuuaucacucuaaaauuA..	4	1	s01
....uggucuuuaucacucuaaaauuU..	1	1	s01
....uggucuCuaucacucuaaaauug..	1	1	s01
....uggucuuuaucacucuaaaauuAauu...	1	1	s01
....uggucuuuaucacucuaaaauugauuacUa.....................................	1	1	s01
....aucuuagagcaauaaggaucag...................	1	0	s01
....aucuuagagcaauaaggaucaga..................	3	0	s01
....ucuuagagcaauaaggaucag...................	3	0	s01
....ucuuagGgcaauaaggaucaga..................	1	1	s01
....ucuuagagcaauaaggaucaga..................	10	0	s01
....ucuuagagcaauaaggaucagaA.................	1	1	s01
....uggucuuuaucacucuaaa...	1	0	s13
....uggucuuuaucacucuaaaa..	3	0	s13
....uggucuuuaucacucuaaaauC...	1	1	s13
....Aggucuuuaucacucuaaaauu...	1	1	s13
....uggucuuuaucacucuaaaauu...	10	0	s13
....Gggucuuuaucacucuaaaauug..	1	1	s13
....uggucuuuaucacucuaaaauuA..	4	1	s13
....uggucuuuaucacucuaaaauug..	23	0	s13
....uggucuuuaucacucuaaaauuC..	1	1	s13
....uggucuAuaucacucuaaaauugauu...	1	1	s13
....auuaccaaucuuagagcaauaagAaucaga...............	1	1	s13
....aucuuagagcaauaaggauc.....................	1	0	s13
....Gucuagagcaauaaggaucaga...................	1	1	s13
....aucuuagagcaauaaggaucagG..................	1	1	s13
....aucuuagagcaauaaggaucaga..................	16	0	s13

```
aaaauucgaaaaauuaaaggaaaagagcagcauaacaucuggucuuuaucacucuaaaauugauuaccaaucuuagagcaauaaggaucagacguuguacaaaucuaaacaa
```

Sequence	Count	Count	Label
...ucuuagagcaauaaggauc...	12	0	s13
...ucuuCgagcaauaaggauc...	1	1	s13
...ucuuagagcaauaagUauc...	1	1	s13
...ucuuagagcaauaaggauU...	1	1	s13
...ucuuagagcaauaaggauca...	2	0	s13
...ucuuagagcaauaaggaucaA...	1	1	s13
...ucuuagagcaauaaggaCcag...	1	1	s13
...ucuuagagcaauaaggaucag...	6	0	s13
...ucuuagagcaauaaggUucaga...	3	1	s13
...ucuuagagcGauaaggaucaga...	2	1	s13
...ucuuagagcaauGaggaucaga...	2	1	s13
...ucuuagagcaauaCggaucaga...	1	1	s13
...ucuuagagcaauaaggaucagU...	2	1	s13
...ucuuagagcaauaaggaucaga...	30	0	s13
...ucuuagagcaaAaaggaucaga...	1	1	s13
...ucuuagagcaauaaggaucagaA...	1	1	s13
...cuuagagcaauaaggGuc...	1	1	s13
...cuuagagcaauaaggauc...	1	0	s13
...uuagagcaauaaggauca...	1	0	s13
...uuagagcaauaaggaucag...	1	0	s13
...uuagagcaauaaggaucagU...	1	1	s13
...uuagagcaauaaggaucagacgu...	1	0	s13
...uuagagcaauaaggaucagacguu...	1	0	s13
...aggaaaagagcagcauaacauc...	2	0	s12
...uggucuuuaucacucuaa...	1	0	s12
...uggucuuuaucacucuaaaa...	1	0	s12
...uggucuuuaucacucuaaaaC...	3	1	s12
...uggucuuuaucacucuaaaau...	7	0	s12
...uggucuuuaucacuUuaaaauu...	1	1	s12
...uggucuuuaucacucAaaaauu...	1	1	s12
...uggucuuuaucacucGaaaauu...	1	1	s12
...uggucuuuaucacuaaGauu...	1	1	s12
...uggucuuuaucacucuaaaauC...	6	1	s12
...uggucCuuaucacucuaaaauu...	2	1	s12
...uggucuuuaucacucuaaaauu...	56	0	s12
...uggucuAuaucacucuaaaauu...	1	1	s12
...uggucuuuaCcacucuaaaauu...	1	1	s12
...uggucuuuaucacGcuaaaauu...	1	1	s12
...Cggucuuuaucacucuaaaauug...	2	1	s12
...uggucuuuaucacucuaaaauuU...	5	1	s12
...uggucuuuauAacucuaaaauug...	1	1	s12
...uggucuuuaucacucuaaaauug...	42	0	s12
...uggucuuuaucacucuaCaauug...	1	1	s12
...uggucuuuaucacucuaaaauuA...	9	1	s12
...uggucuuuaucacucuaaaauugauuacUa...	4	1	s12
...ggucuuuaucacucuaaaauA...	1	1	s12
...aCcuuagagcaauaaggauc...	1	1	s12
...aucuuagagcaauaaggauc...	1	0	s12
...aucuuagagcaauaaggaucag...	1	0	s12
...aucuuagagcaauaaggaucagC...	1	1	s12
...aucuuagagcaauaaggaucagU...	2	1	s12
...aucuuagagcaauaaggaucaga...	11	0	s12
...aucuuagagcaauaaggaucGga...	1	1	s12
...ucuuagagcaauaaggauc...	16	0	s12
...ucuuagagcaauaaggauU...	2	1	s12
...ucuuagagcaauaaggaucag...	7	0	s12
...ucuuagagcaauaaggaucaga...	50	0	s12
...ucuuagagcaauaaggaucaUa...	1	1	s12
...ucuuagagcCauaaggaucaga...	1	1	s12
...ucuuagagcaauaaggaucGga...	2	1	s12
...ucuuagagcaauGggaucaga...	1	1	s12
...ucuuagagcaauaaggaucagU...	2	1	s12
...uUuuagagcaauaaggaucaga...	2	1	s12
...ucuuagagcaauaaggaucagaA...	2	1	s12
...uggucuuuaucacucuaaaauu...	3	0	s14
...uggucuuuaucacucuaaaauuA...	1	1	s14
...uUgucuuuaucacucuaaaauug...	1	1	s14
...uggucuuuaucacucuaaaauuU...	1	1	s14

```
aaaauucgaaaaauuaaaggaaaagagcagcauaacaucuggucuuuaucacucuaaaauugauuaccaaucuuagagcaauaaggaucagacguuguacaaaucuaaacaa
.............................................uggucuuuaucacucuaaaauuC.......................................      1    1    s14
.............................................uggucuuuaucacucuaaaauug.......................................      4    0    s14
..................................................................ucuuagagcaauaaggaucaga..................      1    0    s14

...........................................uggucuuuaucacucuaa.............................................      1    0    s19
...........................................uggucuuuaucacucuaaaa...........................................      5    0    s19
...........................................uggucuuuaucacucuaaaaCu.........................................     74    1    s19
...........................................uggucuuuaucacucuaaaauu.........................................     10    0    s19
...........................................uggucuuuaucacucuaaaauG.........................................      1    1    s19
...........................................uggucuuuaucacucuaaaauC.........................................      2    1    s19
...........................................uggucuuuaucacucCaaaauu.........................................      1    1    s19
...........................................uggucuuuaucacucuaaaauuA........................................     17    1    s19
...........................................uggucuuuaucacucuaaaauuU........................................      1    1    s19
...........................................uggucuuuaucacAcuaaaauug........................................      2    1    s19
...........................................uggucuuuaucacucuaaaaCug........................................      4    1    s19
...........................................uggucuuuaucacucuaaaauug........................................     19    0    s19
...........................................uggucuuuaucacucuaaaauuga.......................................      3    0    s19
...........................................uggucuuuaucacucuaaaaCuga.......................................      7    1    s19
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Mature   **Star**

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