Provisional ID	:	chromosome_5_153942
Score total	:	2666.3
Score for star read(s)	:	3.9
Score for read counts	:	2659.4
Score for mfe	:	1.4
Score for randfold	:	1.6
Score for cons. seed	:	
Total read count	:	5228
Mature read count	:	4618
Loop read count	:	0
Star read count	:	610

Mature **Star**

```
5'- cuuucuugccaacucaaaaccuacugacuuaggaauuguacacuuuaaaagucuacaauaccuaaguuauguacguuuuguuuauggcccugucagccaaaucagaggucuga  -3'   obs
     cuuucuugccaacucaaaaccuacugacuuaggaauuguacacuuuaaaagucuacaauaccuaaguuauguacguuuuguuuauggcccugucagccaaaucagaggucuga        exp
     .......((((...(((((((.((((((((((((.((((((.(((((...)))))).)))))))))).))))))))))....)))))....((((((........)).))))        reads      mm      sample
     .uuucuugccaacucaaaac.........................................................................................        1          0       s09
     ..................cuacugacuuaggaauuguacacu..................................................................        1          0       s09
     ...........................................ucuacaauaccuaaguuaugu...........................................        1          0       s09
     ...........................................ucuacaauaccuaaguuauguacgu.......................................        3          0       s09

     cuuucuugccaacucaaaac.........................................................................................        4          0       s07
     .uuucuugccaacucaaaac.........................................................................................        5          0       s07
     ..uucuugccaacucaaaac.........................................................................................        2          0       s07
     ..................cuacugacuuaggaauuguacacu..................................................................        1          0       s07
     ..................cuCacuuaggaauuguacacu.....................................................................        1          1       s07
     ...........................................ucuacaauaccuaaguuauU............................................        1          1       s07
     ...........................................ucuacaauaccuaaguuaug...........................................        11         0       s07
     ...........................................ucuacaauaccuaaguCaugu..........................................        2          1       s07
     ...........................................ucuacaauacAuaaguuaugu..........................................        1          1       s07
     ...........................................ucuacaauaccuaaguuaugu..........................................        33         0       s07
     ...........................................ucuacaauaccuaaguuaugC..........................................        3          1       s07
     ...........................................ucuacaauaccuaaguuauguacgC......................................        7          1       s07
     ...........................................ucuacaauaccuaaguuauguGcgu......................................        7          1       s07
     ...........................................ucuacaauaccuaaAuuauguacgu......................................        1          1       s07
     ...........................................ucuacaauaccuaaguuauguacgu......................................        47         0       s07
     ...........................................ucuacaauaccuaagAuauguacgu......................................        3          1       s07
     ...........................................ucuacaauaccuaaguuauguacCu......................................        1          1       s07
     ...........................................ucuGcaauaccuaaguuauguacgu......................................        1          1       s07
     ............................................uacaauaccuaaguuauguacgu......................................        1          0       s07
     ...........................................................uuuguuuauggcccugucagcA........................        1          1       s07
     ...........................................................uuuguuuauggcccugucagcU........................        3          1       s07
     ...........................................................uuuguuuauggcccugucagcAa.......................        1          1       s07
     ...........................................................uuuguuuauggcccugucagccaaaucaga.................        1          0       s07

     cuuucuugccaacucaaaac.........................................................................................        1          0       s08
     ..................cuacugacuuaggaauugu.......................................................................        1          0       s08
     ..................cuacuAacuuaggaauugu.......................................................................        3          1       s08
     ..................cuacugacuuaggaauugC.......................................................................        1          1       s08
```

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cuuucuugccaacucaaaaccuacugacuuaggaauuguacacuuuaaaagucuacaauaccuaaguuauguacguuuuguuuaugguccugucagccaaaucagaggucuga
..................cuacugacuuaggaauuguac.......................................................................  1   0   s08
..................cuacugacuuaggaauuguacaU......................................................................  1   1   s08
..................cuacugacuuaggaauuguacac......................................................................  1   0   s08
..................cuacugacuuaggGauuguacacu.....................................................................  3   1   s08
..................cuacugacuuaggaauuguacacu.....................................................................  81  0   s08
..................cuacugacuuaggaauuguacacA.....................................................................  5   1   s08
..................cuacugacuuaggaauuguacacC.....................................................................  16  1   s08
..................cuacugacuuaggaauuguacacG.....................................................................  3   1   s08
..................cuacugacuuaggaauuguUcacu.....................................................................  1   1   s08
..................cuacuAacuuaggaauuguacacu.....................................................................  13  1   s08
..................cuacugacuuaggaauuguacacuA....................................................................  18  1   s08
..................cuacugacuuaggaauuguacacuu....................................................................  2   0   s08
..................cuacugGcuuaggaauuguacacuu....................................................................  1   1   s08
...................uacugacuuaggaauuguacacu.....................................................................  4   0   s08
...................uacugacuuaggaauuguacacC.....................................................................  1   1   s08
...................uacugacuuaggaauuguacacuA....................................................................  1   1   s08
...................uacuAacuuaggaauuguacacuu....................................................................  1   1   s08
........................................................ucuacaauaccuaaguuau....................................  1   0   s08
........................................................ucuacaauaccuaaguuaugu...................................  5   0   s08
........................................................ucuacaauaccuaaguuaugC...................................  1   1   s08
........................................................ucuacaauaccuaaguuauguacgC................................  1   1   s08
........................................................ucuacaauaccuaaguuauguacgG................................  1   1   s08
........................................................ucuacaauaccuaaguuauguGcgu................................  1   1   s08
........................................................ucuacaauaccuaaguuauguacgu.................................  7   0   s08
........................................................ucuGcaauaccuaaguuauguacgu.................................  1   1   s08

.................cuacugacuuaggaauuguacacu......................................................................  1   0   s04
.................cuacugacuuaggaauuguacacuA.....................................................................  1   1   s04

..uucuugccaGcucaaaac...........................................................................................  1   1   s15

.uuucuugccaGcucaaaac............................................................................................  1   1   s06
...................cuCacuuaggaauuguacacu.......................................................................  1   1   s06
.......................................................ucuacaauaccuaaguuauguGcgu.................................  2   1   s06
.......................................................ucuacaauaccuaaguuauguacgC.................................  3   1   s06
.......................................................ucuacaauaccuaaguuauguacgu.................................  13  0   s06
.......................................................ucuacaauaccuaaguuauguacgG.................................  1   1   s06
.......................................................ucuacaauaccuaaguuauguCcgu.................................  1   1   s06

..................cuacugacuuaggaauuguacacu.....................................................................  2   0   s03
..................cuacuAacuuaggaauuguacacu.....................................................................  13  1   s03
...................uacuAacuuaggaauuguacacuu....................................................................  2   1   s03
.......................................................ucuacaauaccuaaguuauguacgu.................................  10  0   s03
.......................................................ucuacaauaccuaaguuauguacgC.................................  2   1   s03
........................................................cuacaauaccuaaguuauguacgu.................................  1   0   s03

..................cuacugacuuaggaauuguacaUu.....................................................................  1   1   s16
..................cuacugacuuaggaauuguacaGu.....................................................................  1   1   s16
..................cuacugacuuaggaauuguGcacu.....................................................................  1   1   s16
..................cuacugacuuaggaauuguacUcu.....................................................................  1   1   s16
..................cuacugacuuaggaauuguacacG.....................................................................  5   1   s16
..................cuGcgacuuaggaauuguacacu......................................................................  2   1   s16
..................cuacugacuuaggaauuguacCcu.....................................................................  1   1   s16
..................cuacugacuuaggaauuguacacA.....................................................................  4   1   s16
..................cuacugacuuaggaauuguacacC.....................................................................  18  1   s16
..................cuacugacuuaggaauuguacacu.....................................................................  87  0   s16
..................cuacugacuuaggaauuguacacuu....................................................................  1   0   s16
..................cuacugacuuaggaauuguacacuA....................................................................  8   1   s16
..................cuacugacuuaggaauuguacacuuA...................................................................  3   1   s16
...................uacugacuuaggaauuguacacG.....................................................................  1   1   s16
...................uacugacuuaggaauuguacacu.....................................................................  2   0   s16
...................uacugacuuaggaauuguacacC.....................................................................  1   1   s16
........................................................ucuacaauaccuaaguuaugu...................................  1   0   s16
........................................................ucuacaauaccuaaguuauguacgG................................  1   1   s16
........................................................ucuacaauaccuaaguuauguacgu.................................  16  0   s16
........................................................ucuacaauaccuaaguuauguGcgu................................  1   1   s16
........................................................ucuacaauaccuaaguuauguacgC.................................  3   1   s16
........................................................ucuacaauaccuaaguuauguaAgu.................................  1   1   s16
..................cuacugacuuaggaauuguacacuuuaaaagucuacaauaccuaaguuau.............uuuguuuaugguccugucagcc.............  1   0   s16

cuuucuugccGacucaaaac...........................................................................................  1   1   s12
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cuuucuugccaacucaaaac**cuacugacuuaggaauuguacacu**uuaaaag**ucuacaauaccuaaguuauguacgu**uuuguuuaugguccugucagccaaaucagaggucuga

Read			
.uuucuugccaacucaaaac	3	0	s12
.uuucuugccaacucaaaGc	1	1	s12
..uucuugccaacucaaaac	2	0	s12
cuacugacuuaggaauugu	1	0	s12
cuacugacuuaggaauuguaca	1	0	s12
cuacugacuuaggaauuguacac	1	0	s12
cuacugGcuuaggaauuguacacu	2	1	s12
cuacugacuuaggaauuguacacC	52	1	s12
cuacugacCuaggaauuguacacu	1	1	s12
cuacugUcuuaggaauuguacacu	1	1	s12
cuacugaUuuaggaauuguacacu	1	1	s12
cuacugacuuaUgaauuguacacu	1	1	s12
cuacugCcuuaggaauuguacacu	1	1	s12
cuacugacuuaggUauuguacacu	1	1	s12
cuacugacuuaggaauuguacGcu	2	1	s12
cuacugacuuaggaauuguacacu	282	0	s12
cuacugacuuaggaauAguacacu	2	1	s12
cuGcugacuuaggaauuguacacu	3	1	s12
cuacugacuuGggaauuguacacu	1	1	s12
cuacugacuuaggaauCguacacu	1	1	s12
cuacugaGuuaggaauuguacacu	1	1	s12
cuacugacuuaggaauuguacacG	6	1	s12
cCacugacuuaggaauuguacacu	1	1	s12
cuacuAacuuaggaauuguacacu	2	1	s12
cuacugacuuaggaauGguacacu	1	1	s12
cuacugacuuaggaaCguacacu	2	1	s12
cuacugacuuaggaauuguacacA	4	1	s12
cuacugacuuUggaauuguacacu	2	1	s12
cuacugacuuagUaauuguacacu	1	1	s12
cuacugacuuaggaauuguacacuu	16	0	s12
cuacugacuuaggaauuguacacuA	12	1	s12
cuacugacuuaggaauuguacacuGu	1	1	s12
cuacugacuuaggaauuguacacuuC	1	1	s12
uacugacuuaggaauuguacacC	7	1	s12
uacugacuuaggGauuguacacu	1	1	s12
Gacugacuuaggaauuguacacu	1	1	s12
uacCgacuuaggaauuguacacu	1	1	s12
uacugacuuaggaauuguacacu	14	0	s12
uacugacuuaggaauuguacaUu	1	1	s12
uacugacuuaggaauuguacacA	1	1	s12
uacugacuuaggaauuguacacuC	1	1	s12
uacugacuuaggaauuguacacuu	3	0	s12
uacugacuuaggaauuguacacuA	2	1	s12
uacugacuuaggaauuguacacuuA	5	1	s12
acugacuuaggaauuguacacC	4	1	s12
acugacuuaggaauuguacacu	12	0	s12
cuCacuuaggaauuguacacu	1	1	s12
ugacuuaggaauuguacacC	1	1	s12
ugacuuaggaauuguacacu	2	0	s12
ugacuuaggaauugAacacu	1	1	s12
acuuaggaauuguacacu	1	0	s12
ucuacaauaccuaaguuaC	1	1	s12
ucuacaauaccuaaguuauU	1	1	s12
ucuacaauaccuaaguuaug	1	0	s12
ucuacaauaccuaaguuaugu	6	0	s12
ucuacaauaccuaaguuaugC	1	1	s12
ucuacaauaccuaaguuaugA	1	1	s12
ucuacaauaccuaaguuauguacgu	20	0	s12
ucuacaauaccuaaguuauguacgC	6	1	s12
ucuacaGuaccuaaguuauguacgu	1	1	s12
Ccuacaauaccuaaguuauguacgu	2	1	s12
ucuacaauaccuaaguuauguacgA	1	1	s12
ucuacaauaccuaaguuauguacAu	1	1	s12
ucuacaauaccuaaguuauguGcgu	1	1	s12
uacaauaccuaaguuauguacgu	2	0	s12
uuuguuuauggCccugucagc	1	1	s12
uuuguuuaugguccuguUagc	1	1	s12
uuuguuuaugguccuguUagcca	1	1	s12
.Cuuucuugccaacucaaaaac	1	1	s13

```
cuuucuugccaacucaaaaccuacugacuuaggaauuguacacuuuaaaagucuacaauaccuaaguuauguacguuuuguuuauggccugucagccaaaucagaggucuga
```

Sequence	Count	Mis	Sample
...................cuacugacuuaggaauugu............	2	0	s13
...................cuacugacuuaggaUuuguacacu...........	1	1	s13
...................cuacugacuuagAaauuguacacu...........	1	1	s13
...................cuacugacuuaggaauuguacacC..........	17	1	s13
...................cuacugacuuaggaauuguacacG...........	1	1	s13
...................cuacugacuuaggaauuguacacu..........	117	0	s13
...................cAacugacuuaggaauuguacacu...........	1	1	s13
...................cuacugacuuGggaauuguacacu...........	1	1	s13
...................cuacugacuuaggaauuguacCcu...........	1	1	s13
...................cuacugacuuaggaauuguacacA...........	2	1	s13
...................cuacugacuuaggGauuguacacu...........	1	1	s13
...................cuacugacuuaggaauuguacacuu..........	1	0	s13
...................cuacugacuuaggaauuguacacuA.........	14	1	s13
...................cuacugacuuaggaauuguacacuAu.........	1	1	s13
..................uacugacuuaggaauugC.............	1	1	s13
..................uacugacuuaggaauugua............	1	0	s13
..................uacugacuuaggaauuguaca..........	1	0	s13
..................uacugacuuaggaauuguacacu.........	14	0	s13
..................uacugacuuaggaauuguacacC..........	2	1	s13
..................uacugacuuaggaGuuguacacu..........	1	1	s13
..................Aacugacuuaggaauuguacacu.........	2	1	s13
..................uacugacuuaggaauuguacacuA.........	3	1	s13
.................acugacuuaggaauuguacacA..........	2	1	s13
................cugacuuaggaauuguacacA...........	1	1	s13
...............ugacuuaggaauuguacacA...........	2	1	s13
...............ugacuuaggaauuguacacC...........	3	1	s13
...............ugacuuaggaauuguacacu...........	5	0	s13
...............uAacuuaggaauuguacacu...........	1	1	s13
...............gacuuaggaauuguacacu..........	1	0	s13
..................................ucuacaauaccuaaguuau............	1	0	s13
..................................ucuacaauaccuaaguuauguacgC.........	1	1	s13
..................................ucuacaauaccuaaguuauguacgA.........	1	1	s13
..................................ucuacaauaccuaaguuauguacgu.........	3	0	s13
..uucuugccaacucaaaac................	2	0	s19
...................cuacugacuuaggaauuguacacu........	1	0	s19
...................cuacugacuuaggaauuguacacuA........	1	1	s19
...................cuCacuuaggaauuguacacu........	1	1	s19
..................................ucuacaauaccuaaguuauA...........	1	1	s19
..................................ucuacaauaccuaaguuaug...........	7	0	s19
..................................ucuacaauaccuaaguuaugu...........	21	0	s19
..................................ucuacaauaccuaaguuaugC...........	2	1	s19
..................................ucuacaauaccuaaguuaugG...........	1	1	s19
..................................ucuacaauaccuaaguuauguacg........	2	0	s19
..................................ucuacaauaccuaaguuauguacgu........	20	0	s19
......................................uacaauaccuaaguuauguacgu........	1	0	s19
....uacaauaccuaaguuGuguacgu........	1	1	s19
...................cuacugacuuaggaauuguacacu........	2	0	s14
...................cuacuAacuuaggaauuguacacu........	1	1	s14
..................................ucuacaauaccuaaguuaugu...........	1	0	s14
..................................ucuacaauaccuaaguuauguacgu........	1	0	s14
cuuucuugccaacucaaaac............	1	0	s10
...................cuacugacuuaggaauuguacacu........	1	0	s10
..................................ucuacaauaccuaaguua...........	1	0	s10
..................................ucuacaauaccuaaguuaug...........	2	0	s10
..................................ucuacaauaccuaagGuaugu...........	1	1	s10
..................................ucuacaauaccuaaguuaugu...........	8	0	s10
..................................ucuacaauaccuaagCuauguacgu........	1	1	s10
..................................ucuacaauaccuaaguuauguacgC........	1	1	s10
..................................ucuacaauaccuaaguuauguacgu........	13	0	s10
..................................ucuacaauaccuaaguuauguGcgu........	1	1	s10
..................................ucuacaauaccuaaguuaug...........	1	0	s01
..................................ucuacaauaccuaaguuaugu...........	3	0	s01
...................cuacugacuuaggaauuguacacu........	2	0	s17
...................cuacugacuuaggaauuguacacuuuaaaag ucuacaauaccuaaguuaug...	1	0	s17
..................................ucuacaauaccuaaguuaugu...........	1	0	s17

Mature **Star**

```
cuuucuugccaacucaaaac cuacugacuuaggaauuguacacu uuaaaag ucuacaauaccuaaguuauguacgu uuuguuuaugguccugucagccaaaucagaggucuga
```

Read	Count	Flag	Label
....ucuacaauaccuaaguuauguacgC....................................	4	1	s17
....ucuacaauaccuaaguuauguacgu....................................	5	0	s17
..uucuugccaacucaaaac...	3	0	s11
...................cuacugacuuaggaauuguacUcu..	1	1	s11
...................cuacugacuuaggaauuguacacC..	11	1	s11
...................cuacugacCuaggaauuguacacu..	1	1	s11
...................cuCcgacuuaggaauuguacacu...	1	1	s11
...................cuacugacuuaggaauuguacacu..	57	0	s11
...................cuacugacuuagUaauuguacacu..	1	1	s11
...................cuacugacuuaggaauuguacacA..	3	1	s11
...................cuacugacuuaggaauuguacacuG...	2	1	s11
...................cuacugacuuaggaauuguacacuA...	5	1	s11
...................cuacugacuuaggaauuguacacuu...	1	0	s11
....................uacugacuuaggaauuguacacu...	1	0	s11
....................uacugacuuaggaauuguacacG...	1	1	s11
.....................acugacuuaggaauuguacacu...	2	0	s11
.....................acugacuuaggaauuguacacuA..	1	1	s11
....ucuacaauaccuaaguuaugu..	1	0	s11
....ucuacaauaccuaaguuauguacgu..	3	0	s11
cuuucuugccaacucaaaac...	1	0	s02
.uuucuugccaacucaaaac...	19	0	s02
.uuucuugccaacucaaaaA...	1	1	s02
..uucuugccaacucaaaac...	13	0	s02
..uucuAgccaacucaaaac...	1	1	s02
...................cuacugacuuaggaauugu..	5	0	s02
...................cuacugacuuaggaauugua...	1	0	s02
...................cuacugacuuaggaauuguGc..	1	1	s02
...................cuacugacuuaggaauuguacU...	3	1	s02
...................cuacugacuuaggGauuguaca...	1	1	s02
...................cuacugacuuaggaauuguaca...	7	0	s02
...................cuacugacuuaggaauuguacC...	2	1	s02
...................cuacugacuuaggaauuguacaU..	2	1	s02
...................cuacugacuuGggaauuguacac..	2	1	s02
...................cuacugacuuaggaauuguacac..	8	0	s02
...................cuacugacuuaggaauuAuacac..	2	1	s02
...................cGacugacuuaggaauuguacacu...	2	1	s02
...................cuacugacuuaggaauuguacacC...	285	1	s02
...................cuacugacuuaggaauuguacacG...	29	1	s02
...................cuacGgacuuaggaauuguacacu...	2	1	s02
...................cuacugacuuaggGauuguacacu...	13	1	s02
...................cuacCgacuuaggaauuguacacu...	7	1	s02
...................cuacugacuuaggaauuguacaUu..	9	1	s02
...................cuacugacuuaggaauugAacacu...	1	1	s02
...................cuacugacuuaggaauuguacacu...	1886	0	s02
...................cuacuAacuuaggaauuguacacu...	1	1	s02
...................cuacugacuuaggUauuguacacu...	2	1	s02
...................cuacugacuuagUaauuguacacu...	1	1	s02
...................cuacugacuuaggaauuCguacacu..	8	1	s02
...................cuacugacuuGggaauuguacacu...	8	1	s02
...................cAacugacuuaggaauuguacacu...	6	1	s02
...................cuacugacuuagCaauuguacacu...	1	1	s02
...................cuacugacuuaggCauuguacacu...	3	1	s02
...................cuacugacuuaggaaGguacacu..	2	1	s02
....................Auacugacuuaggaauuguacacu..	3	1	s02
...................cuacugacuuaggaauuguaUacu...	1	1	s02
...................cuacugacuuaggaauuCuacacu...	1	1	s02
...................cuacugacuuaggaauuguacacA...	61	1	s02
...................cuacugacuuaggaGuuguacacu...	2	1	s02
...................cuacugacuuaggaauuguacGcu...	4	1	s02
...................cuacugacuuaggaaCuguacacu...	7	1	s02
...................cuGcugacuuaggaauuguacacu...	2	1	s02
...................cuacugacCuaggaauuguacacu...	9	1	s02
...................cuacugacuuaggaauuguaAacu...	3	1	s02
...................cuacugaGuuaggaauuguacacu...	1	1	s02
...................cuacugacuuaggaauuguacCcu...	1	1	s02
...................cuacgacuuaggaaAuguacacu..	1	1	s02
cuacugGcuuaggaauuguacacuuuaaaagucuacaauaccuaaguuauguacguuuuguuuaugguccugucagccaaaucagaggucuga	15	1	s02
...................cuacugacGuaggaauuguacacu......................ucuacaauaccuaaguuauguacgC........................	1	1	s02

Mature　　　　　**Star**

cuuucuugccaacucaaaaccuacugacuuaggaauuguacacuuuaaaagucuacaauaccuaaguuauguacguuuuguuuaugguccugucagccaaaucagaggucuga

Sequence	Count		
....................cuacAgacuuaggaauuguacacu..	3	1	s02
....................cuacugacuuaggaauuGguacacu...	6	1	s02
....................cuacugacuuaggaauugCacacu..	1	1	s02
....................cuacugacuuaggaCuuguacacu..	2	1	s02
....................cuacugacuAaggaauuguacacu..	1	1	s02
....................cuacugacuuaggaauuguacaGu..	2	1	s02
....................cuacugacuuaggaauuguacaAu..	1	1	s02
....................cuacugaUuuaggaauuguacacu..	2	1	s02
....................cuCcugacuuaggaauuguacacu..	1	1	s02
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Mature   Star

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