Provisional ID	: 1_648
Score total	: -3.2
Score for star read(s)	: -1.3
Score for read counts	: 0
Score for mfe	: 0.2
Score for randfold	: -2.2
Score for cons. seed	:
Total read count	: 7547
Mature read count	: 7547
Loop read count	: 0
Star read count	: 0

Mature   Star

```
5'- cguaagguguucagaggagcuuucagucggauguuuacagcggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcaggguuugugcccacagg   -3'    exp
    cguaagguguucagaggagcuuucagucggauguuuacagcggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcaggguuugugcccacagg           known
    (((((..((.((.(((((...(((((((((((((.(((....(((((..(((((...)))))...))).)))..))))))))..)))))....))...))))).)))))))).     reads    mm       sample
.................agcuuucagucggauguu.................................................................................    2        0        GDM
................gcuuucagucggauguuuac................................................................................    1        0        GDM
................gcuuucagucggauguuuacagc.............................................................................    1        0        GDM
................cuuucagucggauguuua..................................................................................    5        0        GDM
................cuuucagucggauguuua..................................................................................    5        0        GDM
................cCuucagucggauguuua..................................................................................    1        1        GDM
................cuCucagucggauguuuac.................................................................................    1        1        GDM
................cuuucagucggauguuuaA.................................................................................    8        1        GDM
................cuuucagucggUuguuuac.................................................................................    1        1        GDM
................cuuucagucggauguuuaU.................................................................................    44       1        GDM
................cuuucagucggGuguuuac.................................................................................    1        1        GDM
................cuuucagucggauguuuaA.................................................................................    8        1        GDM
................cuuucGgucggauguuuac.................................................................................    1        1        GDM
................cuuucagCcggauguuuac.................................................................................    2        1        GDM
................cuuucagucggauguuuaA.................................................................................    8        1        GDM
................cuuGcagucggauguuuac.................................................................................    1        1        GDM
................Uuuucagucggauguuuac.................................................................................    3        1        GDM
................cuuucaAucggauguuuac.................................................................................    1        1        GDM
................cuuCcagucggauguuuac.................................................................................    5        1        GDM
................cCuucagucggauguuuac.................................................................................    3        1        GDM
................cuuucagucgAauguuuac.................................................................................    1        1        GDM
................cuuucagucggauguuuaU.................................................................................    44       1        GDM
................cuuucagucggauguuuac.................................................................................    380      0        GDM
................cuuCcagucggauguuuac.................................................................................    5        1        GDM
................cCuucagucggauguuuac.................................................................................    3        1        GDM
................cCuucagucggauguuuac.................................................................................    3        1        GDM
................cuuucagucggaugAuuac.................................................................................    2        1        GDM
................cuuucagucggauguCuac.................................................................................    3        1        GDM
................Uuuucagucggauguuuac.................................................................................    3        1        GDM
................cuuucagucggauguuuac.................................................................................    380      0        GDM
................cuuucagucggauguCuac.................................................................................    3        1        GDM
................cuuuUagucggauguuuac.................................................................................    3        1        GDM
................cuuucagucggauguuuaG.................................................................................    1        1        GDM
```

cguuaaggguguuucagaggagcuuucagucggauguuuacagcggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcagguuugugcccacagg

....................cuuucagCcggauguuuac..	2	1	GDM
....................cuuucagucggauguuuaU..	44	1	GDM
....................cuuucagucggauguuuac..	380	0	GDM
....................cuuucaguCAgauguuuac..	1	1	GDM
....................cuuCcagucggauguuuac..	5	1	GDM
....................cuuucagucggauguuCac..	1	1	GDM
....................cuuucagucggauguuuaca...	570	0	GDM
....................Auuucagucggauguuuaca...	1	1	GDM
....................cuuucagucggauguuuacG...	4	1	GDM
....................cuuucagAcggauguuuaca...	2	1	GDM
....................cuuCcagucggauguuuaca...	6	1	GDM
....................cuCucagucggauguuuaca...	4	1	GDM
....................cuuucagucggaugCuuaca...	5	1	GDM
....................cuuucagucggauguuuacU...	5	1	GDM
....................cuuucagAcggauguuuaca...	2	1	GDM
....................cuuucagucggUuguuuaca...	1	1	GDM
....................cuuucagGcggauguuuaca...	1	1	GDM
....................cuuucagucggauguuuaca...	570	0	GDM
....................cuCucagucggauguuuaca...	4	1	GDM
....................cuuucagucggGuguuuaca...	3	1	GDM
....................cuuuCggucggauguuuaca...	3	1	GDM
....................cuuCcagucggauguuuaca...	6	1	GDM
....................cuuucagucggauguCuaca...	2	1	GDM
....................cuuucagucggauguCuaca...	2	1	GDM
....................cuuCcagucggauguuuaca...	6	1	GDM
....................cuuucagucggauguuuacG...	4	1	GDM
....................cuuucagucgAauguuuaca...	2	1	GDM
....................cuuuCggucggauguuuaca...	3	1	GDM
....................cuuucagucggauAuuuaca...	1	1	GDM
....................cAuucagucggauguuuaca...	1	1	GDM
....................cuuucagucggaugGuuaca...	1	1	GDM
....................cuCucagucggauguuuaca...	4	1	GDM
....................cuuucagucggCuguuuaca...	1	1	GDM
....................cuuucagucggaugAuuaca...	1	1	GDM
....................cuuucagucggauguuCaca...	1	1	GDM
....................cuuucagucggauguuuacU...	5	1	GDM
....................cuuucagucgAauguuuaca...	2	1	GDM
....................cCuucagucggauguuuaca...	2	1	GDM
....................cuuucagucggaugCuuaca...	5	1	GDM
....................cuuuUgucggauguuuaca...	1	1	GDM
....................cuuucagCcggauguuuaca...	2	1	GDM
....................cuuucagucggGuguuuaca...	3	1	GDM
....................cuuucagucggaugCuuaca...	5	1	GDM
....................cuuucagucggauguuuaca...	570	0	GDM
....................cuuucagucggaCguuuaca...	3	1	GDM
....................cuuucagucggauguuuacaA..	7	1	GDM
....................cuuucagucggauguuuacaA..	7	1	GDM
....................cuuucagucggauguuuacag..	122	0	GDM
....................cuuucagucggauguuuacag..	122	0	GDM
....................cuuucagucggauguuuacCg..	3	1	GDM
....................cuuucagucgAauguuuacag..	1	1	GDM
....................cuuucagucggauguuuacag..	122	0	GDM
....................cuuucagucggauguuuacGg..	1	1	GDM
....................cuuucagucggauguuuacaC..	1	1	GDM
....................cuuucagucggauguuuacaA..	7	1	GDM
....................cCuucagucggauguuuacag..	1	1	GDM
....................cuuucagucggauguuuacUg..	1	1	GDM
....................cuuucagCcggauguuuacag..	2	1	GDM
....................cuuucaguUggauguuuacag..	2	1	GDM
....................cuuucagucggauUuuuacag..	1	1	GDM
....................cuuucagucggauguuuacagA...	168	1	GDM
....................cuuucagucggauguuuacagU...	1987	1	GDM
....................cuuucagucggauguGuacagc...	1	1	GDM
....................cuuCcagucggauguuuacagc...	2	1	GDM
....................cuuucagucggauguuuacUgc...	2	1	GDM
....................cuuucagucggauguuuacagU...	1987	1	GDM
....................cuuucagucggaCguuuacagc...	3	1	GDM
....................cuuucagucgAauguuuacagc...	1	1	GDM
....................cuCucagucggauguuuacagcggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcagguuugugcccacagg	2	1	GDM
....................cuuucagucggauguuuacGgc...	3	1	GDM

Mature   Star

```
cguaaggguguucagaggagcuuucagucggauguuuacagcggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcagguuugugcccacagg

....................cuuucagucggauguuuacagA.................................................................   168    1    GDM
....................cuuucagucggauguuuacagG.................................................................    15    1    GDM
....................cuuucagucggauguuuacGgc.................................................................     3    1    GDM
....................cuuucagucggauguuuacagc.................................................................   333    0    GDM
....................cuuuUagucggauguuuacagc.................................................................     1    1    GDM
....................cuuucagucggaCguuuacagc.................................................................     3    1    GDM
....................cuuucUgucggauguuuacagc.................................................................     3    1    GDM
....................cuuucagucggauguuuacagU.................................................................  1987    1    GDM
....................cuuucagucggauguuuacUgc.................................................................     2    1    GDM
....................cuuucaguUggauguuuacagc.................................................................     4    1    GDM
....................cuuucaguUggauguuuacagc.................................................................     4    1    GDM
....................cuuucagucAgauguuuacagc.................................................................     1    1    GDM
....................cuuucagucggauguuuacagA.................................................................   168    1    GDM
....................cuuucagucggauguuuacaCc.................................................................     3    1    GDM
....................cuuucagucggaugCuuacagc.................................................................     3    1    GDM
....................cuuucagucggauguuuacaCc.................................................................     3    1    GDM
....................cuuucagucggauguuuacagG.................................................................    15    1    GDM
....................cCuucagucggauguuuacagc.................................................................     1    1    GDM
....................cuuAcagucggauguuuacagc.................................................................     1    1    GDM
....................cuuucagucgguuCacagc...................................................................     1    1    GDM
....................cuuucagucggaCguuuacagc.................................................................     3    1    GDM
....................cuuucNgucggauguuuacagc.................................................................     1    1    GDM
....................cuuucagucggaugCuuacagc.................................................................     3    1    GDM
....................cuuucagucggauguuuacagG.................................................................    15    1    GDM
....................cuuCcagucggauguuuacagc.................................................................     2    1    GDM
....................cuuucagucggauguuuacagc.................................................................   333    0    GDM
....................cuuucagCcggauguuuacagc.................................................................     2    1    GDM
....................cuuucagucggauguuuacagc.................................................................   333    0    GDM
....................cuuucagucggauguuuaUagc.................................................................     1    1    GDM
....................cuuucGgucggauguuuacagc.................................................................     1    1    GDM
....................cuuucUgucggauguuuacagc.................................................................     3    1    GDM
....................cuAucagucggauguuuacagc.................................................................     1    1    GDM
....................cuGucagucggauguuuacagc.................................................................     1    1    GDM
....................cuuucaAucggauguuuacagc.................................................................     1    1    GDM
....................cuuucagucggauguuuacagUg................................................................    10    1    GDM
....................cuuucagucggauguuuacagcU................................................................    15    1    GDM
....................cuuucagucggauguuuacagGg................................................................     1    1    GDM
....................cuuucagucggauguuuacagcA................................................................    34    1    GDM
....................cuuucagucggauguuuacagcU................................................................    15    1    GDM
....................cuuucagucggauguuuacagUg................................................................    10    1    GDM
....................cuuucagucggauguuuacagcA................................................................    34    1    GDM
....................cuuucagucggauguuuacagcC................................................................     2    1    GDM
....................cuuucagucggauguuuacagcg................................................................     5    0    GDM
....................cuuucagucggauguuuacagAg................................................................     1    1    GDM
....................cuuucagucggauguuuacagcA................................................................    34    1    GDM
....................cuuucagucggauguuuacagUg................................................................    10    1    GDM
....................cuuucagucggauguuuacagcU................................................................    15    1    GDM
....................cuuucagucggauguuuacagcAg...............................................................     2    1    GDM
.....................uuucagucggauguuuac...................................................................    18    0    GDM
.....................uuucagucggauguuuac...................................................................    18    0    GDM
.....................uuucagucggauguuuaU...................................................................     6    1    GDM
.....................uuucagucggauguuuaU...................................................................     6    1    GDM
.....................uuucagucggauguuuac...................................................................    18    0    GDM
.....................uuucagucgUauguuuaca..................................................................     1    1    GDM
.....................uuucagucggauguuuaca..................................................................     2    0    GDM
.....................uuucagucggauguuuacagc................................................................     7    0    GDM
.....................uuucagucggauguuuacagU................................................................    24    1    GDM
.....................uuucagucggauguuuacagU................................................................    24    1    GDM
.....................uuucagucggauguuuacaUc................................................................     1    1    GDM
.....................uuucagucggauguuuacagA................................................................     4    1    GDM
.....................uuucagucggauguuuacagU................................................................    24    1    GDM
.....................uuucagucggauguuuacagc................................................................     7    0    GDM
.....................uuucagucggauguuuacagA................................................................     4    1    GDM
.....................uuucagucggauguuuacagcA...............................................................     6    1    GDM
.....................uuucagucggauguuuacagcC...............................................................     1    1    GDM
.....................uuucagucggauguuuacagcU...............................................................    26    1    GDM
.....................uuucagucggauguuuacagcA...............................................................     6    1    GDM
......................uuucagucggauguuuacagcU..............................................................    26    1    GDM
cguaaggguguucagaggaguuucagucggauguuuacagcUggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcagguuugugcccacagg    26    1    GDM
.......................ucagucggauguuuacagcgU.............................................................     1    1    GDM
```

cguuaaggguguucagaggagcuuucagucgggauguuuacagcggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcagguuugugcccacagg

Sequence	Count	Flag	Locus
..................cuuucagucggauguuua...	1	0	Z3_
..................cuuucagucggauguuuac..	43	0	Z3_
..................cuuucagCcggauguuuac..	2	1	Z3_
..................cuuucagucggauguuuaA..	2	1	Z3_
..................cuuucagucggauguuuCc..	2	1	Z3_
..................cuuucagucggauguuuaU..	7	1	Z3_
..................cuuCcagucggauguuuaca...	2	1	Z3_
..................cuuucagucggauguuuaca...	71	0	Z3_
..................cuuucagucggauguuuaAa..	1	1	Z3_
..................cCuucagucggauguuuaca..	1	1	Z3_
..................cuuucagucggauguuuacU..	2	1	Z3_
..................cuuucagucggauguCuaca..	1	1	Z3_
..................cuuucagucggauguuuacaA...	3	1	Z3_
..................cuuucagucggauguCuacag...	1	1	Z3_
..................cuuucagucggauguuuacag...	21	0	Z3_
..................cuuucagucggauguuuacagU..	393	1	Z3_
..................cCuucagucggauguuuacagc..	1	1	Z3_
..................cuuucagucggGuguuuacagc..	1	1	Z3_
..................cuuucagucggauguuuacagA..	22	1	Z3_
..................cuuucagucggauguCuacagc..	1	1	Z3_
..................cuuucagucggauguuuacGgc..	1	1	Z3_
..................cuuCcagucggauguuuacagc..	2	1	Z3_
..................cuuucagucggaugGuuacagc..	1	1	Z3_
..................cuuucagucggauguuuacagG..	1	1	Z3_
..................cuuucagucggauguuuacagc..	76	0	Z3_
..................cuuucagucggauguuuacaAc..	1	1	Z3_
..................cuCucagucggauguuuacagc..	2	1	Z3_
..................cuuucagucggauguuuacagcU...	3	1	Z3_
..................cuuucagucggauguuuacagUg...	5	1	Z3_
..................cuuucagucggauguuuacagcA...	3	1	Z3_
.....................uuucagucggauguuuac...	6	0	Z3_
.....................uuucagucggauguuuacagU...	4	1	Z3_
.....................uuucagucggauguuuacagcU...	2	1	Z3_
.................gcuuucagucggauguuuacagU...	1	1	Z1_
..................cuuucagucggauguuua...	3	0	Z1_
..................cuuucagucgAauguuuac...	1	1	Z1_
..................cuuucagucggaCguuuac...	2	1	Z1_
..................cuuucagucggauguuuac...	165	0	Z1_
..................cuuucagucggauguuuaU...	12	1	Z1_
..................cuuucagucggauguuuaA...	2	1	Z1_
..................cuuucagucggGuguuuac...	2	1	Z1_
..................cuuucGgucggauguuuac...	1	1	Z1_
..................cAuucagucggauguuuaca...	1	1	Z1_
..................cuuucagucggauguuuUca...	1	1	Z1_
..................cuuucagucggauguuuaca...	212	0	Z1_
..................Uuuucagucggauguuuaca...	2	1	Z1_
..................cuuucagucggauguuuacG...	6	1	Z1_
..................cuuucagCcggauguuuaca...	2	1	Z1_
..................cuuCcagucggauguuuaca...	1	1	Z1_
..................cuuucagucggaugCuuaca...	2	1	Z1_
..................cuuucagGcggauguuuaca...	1	1	Z1_
..................cuuucagucggauguuuacGg...	1	1	Z1_
..................cuuucUgucggauguuuacag...	1	1	Z1_
..................cuuucagucggauguCuacag...	1	1	Z1_
..................cuuucagucggauguuuacag...	43	0	Z1_
..................cuuucagucggGuguuuacag...	2	1	Z1_
..................cuuucagucggaAguuuacag...	2	1	Z1_
..................cuuucagucggauguuCacagc...	1	1	Z1_
..................cuuucagucggauguuuacagc...	162	0	Z1_
..................cuuucagucggauguuuacagA...	50	1	Z1_
..................cuuCcagucggauguuuacagc...	2	1	Z1_
..................cuuucagucggGuguuuacagc...	2	1	Z1_
..................cuuucagucggUuguuuacagc...	1	1	Z1_
..................cuuucagucggauguuuacagG...	3	1	Z1_
..................cuuucagucggauguCuacagc...	3	1	Z1_
..................cuuucagucggaugGuuacagc...	1	1	Z1_
..................cuGucagucggauguuuacagc...	1	1	Z1_

Mature   **Star**

```
cuguaaggguguuucagaggagcuuucagucggauguuuacagcggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcagguuugugcccacagg
```

Sequence	count	a	b
..................cuuucagucggauguuuacagU...	765	1	Z1_
..................cuuucagucggauguuuacUgc...	3	1	Z1_
..................cuuucagucggauguuuacagcg..	6	0	Z1_
..................cuuucagucggauguuuacagcC..	3	1	Z1_
..................cuuucagucggauguuuacagUg..	2	1	Z1_
..................cuuucagucggauguuuacagcU..	13	1	Z1_
..................cuuucagucggauguuuacagcA..	19	1	Z1_
...................uuucagucggauguuuac..	11	0	Z1_
...................uuucagucggauguuuaca...	1	0	Z1_
...................uuucagucggauguuuacag..	1	0	Z1_
...................uuucagucggauguuuacagA...	2	1	Z1_
...................uuucagucggauguuuacagc...	4	0	Z1_
...................uuucagucggauguuuacagU...	6	1	Z1_
...................uuucagucggauguuuacagcU..	6	1	Z1_
...................uuucagucggauguuuacagcC..	5	1	Z1_
................gcuuucagucggauguuuacagU..	2	1	Z2_
.................cuuucagucgAauguuua..	1	1	Z2_
.................cuuucagucggauguuua..	5	0	Z2_
.................cuuucagucggGuguuuac...	1	1	Z2_
.................cuuucagucggauguuuaU...	5	1	Z2_
.................cuuucagucAgauguuuac...	4	1	Z2_
.................cuuucagucggauguuuac...	113	0	Z2_
.................cuuucagucggaCguuuac...	1	1	Z2_
.................cuuucagucggauguuuaA...	2	1	Z2_
.................cuuAcagucggauguuuac...	1	1	Z2_
.................cuuucagucggaugCuuac...	1	1	Z2_
.................cuuucagucggauguuCaca..	1	1	Z2_
.................cuuucagucggauAuuuaca..	1	1	Z2_
.................cuuucagucggaCguuuaca..	2	1	Z2_
.................cuuucagucggaugCuuaca..	7	1	Z2_
.................cAuucagucggauguuuaca..	1	1	Z2_
.................cuCucagucggauguuuaca..	1	1	Z2_
.................cuuucagucggauguuuaca..	202	0	Z2_
.................Auuucagucggauguuuaca..	1	1	Z2_
.................Uuuucagucggauguuuaca..	1	1	Z2_
.................cuuucagucggauCuuuaca..	1	1	Z2_
.................cuuucagucggauguuuacU..	1	1	Z2_
.................cuuucagucggaugGuuaca..	1	1	Z2_
.................cuuucagucggauguuuacaA...	3	1	Z2_
.................cuuucaguUggauguuuacag...	1	1	Z2_
.................cuuucagucggauguuCacag...	1	1	Z2_
.................cuuucagucggauguuuacag...	43	0	Z2_
.................cCuucagucggauguuuacag...	1	1	Z2_
.................cuuucagucggaugCuuacag...	1	1	Z2_
.................cuuucagucggauguuAacag...	1	1	Z2_
.................cuuucagucggauguCuacag...	2	1	Z2_
.................cuuucagCcggauguuuacag...	1	1	Z2_
.................cuuucagucggaCguuuacagc..	3	1	Z2_
.................cuuucagucggauguuuacagA..	48	1	Z2_
.................cuuucagucggGuguuuacagc..	2	1	Z2_
.................cuuCcagucggauguuuacagc..	2	1	Z2_
.................cuuucagucggaugGuuacagc..	1	1	Z2_
.................cCuucagucggauguuuacagc..	1	1	Z2_
.................cuuucagucggauguuuacaUc..	1	1	Z2_
.................cuuucagucggauguCuacagc..	1	1	Z2_
.................cuuucagucggauguuuacagG..	3	1	Z2_
.................cuuucagucggauguuuacagU..	723	1	Z2_
.................cuuucagucggauguuuacagc..	110	0	Z2_
.................cuuucagucggauguuuacagcU...	13	1	Z2_
.................cuuucagucggauguuuacagcA...	13	1	Z2_
.................cuuucagucggauguuuacagUg...	4	1	Z2_
.................cuuucagucggauguuuacagcg...	5	0	Z2_
.................cuuucagucggauguuuacagcAg..	2	1	Z2_
..................uuucagucggauguuuac...	1	0	Z2_
..................uuucagucggauguuuacagc..	3	0	Z2_
..................uuucagucggauguuuacagU..	17	1	Z2_
..................uuucagucggauguuuacagcU...	9	1	Z2_
cuguaaggguguuucagaggag.uuucagucggauguuuacagcA...ggcaggcugccacggucgucccagc.uacgcaccggcuuugaaacauugca.gguuugugcccacagg	1	1	Z2_
..................uuucagucggauguuuacagcC...	1	1	Z2_

Mature **Star**

cuguaaggguuucagaggagcuuucagucggauguuuacagcggcaggcugccacggucgucccagcuacgcaccggcuuugaaacauugcagguuugugcccacagg