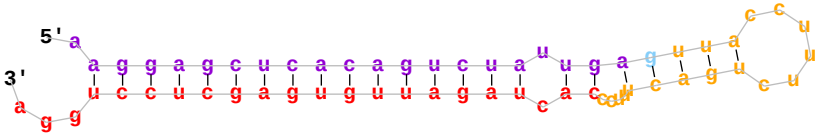
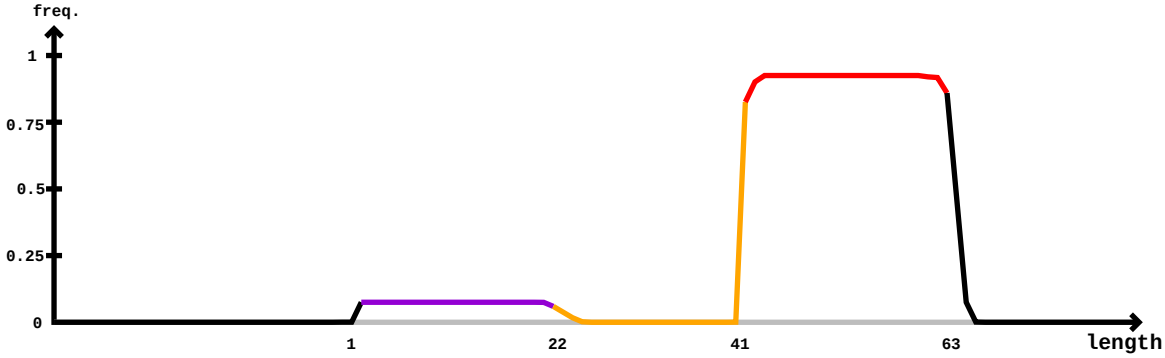
Provisional ID	:	3_9139
Score total	:	1347.7
Score for star read(s)	:	3.9
Score for read counts	:	1339.9
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	
Total read count	:	2640
Mature read count	:	2442
Loop read count	:	0
Star read count	:	198





Star **Mature**

```
5'- aagaaaaaauuuaaaauggucuugcccucaaggagcucacagucuauugaguuaccuuucugacuuucccacuagauugugagcuccuggagggcaggcacuuucguuca  -3'   obs
    aagaaaaaauuuaaaauggucuugcccucaaggagcucacagucuauugaguuaccuuucugacuuucccacuagauugugagcuccuggagggcaggcacuuucguuca        exp
    aagaaaaaauuuaaaauggucuugcccucaaggagcucacagucuauugaguuaccuuucugacuuucccacuagauugugagcuccuggagggcaggcacuuucguuca        known
    ................(((.(((((((((.((((((((((((((((.(((((((.....)))))....)).)))))))))))))))).)))))))))..)))........  reads   mm   sample
    ............................aaggagcucacagucuauug.............................................................  6       0    Z2_
    ............................aaggagcCcacagucuauuga............................................................  1       1    Z2_
    ............................aaggagcucacagucuauuga............................................................  6       0    Z2_
    ............................aaggagcucacagucuauugag...........................................................  1       0    Z2_
    ............................aaggagcucacagucuauugagu..........................................................  4       0    Z2_
    ............................aaggagcucacagucuauugaAu.........................................................  4       1    Z2_
    ............................aaggagcucacagucuauugagC.........................................................  1       1    Z2_
    ............................aaggagcucacagucuauugagA.........................................................  3       1    Z2_
    ...............................................................cacuagauugugagcuccu.......................  3       0    Z2_
    ...............................................................cacuagauugCgagcuccug......................  1       1    Z2_
    ...............................................................cacuagauugugagcuccug......................  2       0    Z2_
    ...............................................................cacuagauugugagcuccugA.....................  4       1    Z2_
    ...............................................................cacuagauugugagcuccugU.....................  3       1    Z2_
    ...............................................................cacuagauugugagcuccugg.....................  23      0    Z2_
    ...............................................................cacuagauugugagcuccCgg.....................  1       1    Z2_
    ...............................................................cacuagauugCgagcuccugga....................  1       1    Z2_
    ...............................................................cacuagauugugagcCccugga....................  2       1    Z2_
    ...............................................................cacuGgauugugagcuccugga....................  2       1    Z2_
    ...............................................................cacuaAauugugagcuccugga....................  1       1    Z2_
    ...............................................................cacuagauugugagcuccuggC....................  1       1    Z2_
    ...............................................................cacuagUuugugagcuccugga....................  2       1    Z2_
    ...............................................................cacuagauugugagcuccCgga....................  1       1    Z2_
    ...............................................................cacuagauugugagcuccuggU....................  6       1    Z2_
    ...............................................................cacuagauugugagcuccugUa....................  2       1    Z2_
    ...............................................................Uacuagauugugagcuccugga....................  2       1    Z2_
    ...............................................................cacuagaCugugagcuccugga....................  2       1    Z2_
    ...............................................................cacuagauugugagcuccugga....................  167     0    Z2_
    ...............................................................cacuagauugugagcuccuggG....................  2       1    Z2_
    ...............................................................cacuagauugugagcuccuggag...................  7       0    Z2_
    ...............................................................cacuagauugugagcuccuggaC...................  4       1    Z2_
    ...............................................................cacuagauugugagcuccuggaA...................  38      1    Z2_
    ...............................................................cacuagauugugagcuccugAag...................  1       1    Z2_
```

Star Mature

aagaaaaaauuuaaaauggucccuugcccucaaggagcucacagucuauugaguuaccuuucugacuuucccacuagauugugagcuccuggagggcaggcacuuucguuca

.....caGuagauugugagcuccuggag.....	1	1	Z2_
.....cacuagauugugagcuccuggaU.....	57	1	Z2_
.....cacuagauugugagcuccuggagU.....	2	1	Z2_
.....cacuagauugugagcuccuggagA.....	10	1	Z2_
.....cacuagauugugagcuccuggaAg.....	4	1	Z2_
.....acuagauugugagcuccugg.....	2	0	Z2_
.....acuagauugugagcuccugga.....	2	0	Z2_
.....acuagauugugagcuccuggag.....	13	0	Z2_
.....acuagauugugagcuccuggaA.....	4	1	Z2_
.....acuagauugugagcuccuggaU.....	1	1	Z2_
.....acuagauugugagcuccuggagC.....	2	1	Z2_
.....acuagauugugagcuccuggagU.....	7	1	Z2_
.....acuagauugugagcuccuggagA.....	5	1	Z2_
.....acuagauugugagcuccuggagAg.....	1	1	Z2_
.....cuagauugugagcuccugga.....	3	0	Z2_
.....cuagauugugagcuccuggag.....	1	0	Z2_
.....cuagauugugagcuccuggagU.....	11	1	Z2_

.....ucaaggagcucacagucuaGu.....	1	1	GDM
.....aaggagcucacagucuauCg.....	1	1	GDM
.....aaggagcucacagucuauug.....	17	0	GDM
.....aaggagcucacagucuauug.....	17	0	GDM
.....aaggagcucaUagucuauug.....	1	1	GDM
.....aaggagcucacagucuauuA.....	1	1	GDM
.....aaggagcucacagucuauug.....	17	0	GDM
.....aaggagcucacagucuauuga.....	40	0	GDM
.....aaggagcucacagucuauuga.....	40	0	GDM
.....aaggagcucacagucuauuga.....	40	0	GDM
.....aaggagcucacGgucuauuga.....	1	1	GDM
.....aaggagcucacagucuauugU.....	1	1	GDM
.....aGggagcucacagucuauuga.....	1	1	GDM
.....aaggagcucacagucuauugag.....	15	0	GDM
.....aaggagcucacagucuauugaA.....	11	1	GDM
.....aaggagcucacagucuauugaA.....	11	1	GDM
.....aaggagcucacagucuauugag.....	15	0	GDM
.....aaggagcucacagucuauugag.....	15	0	GDM
.....aaggagcucacGgucuauugagu.....	1	1	GDM
.....aaggagcucacagucuauugaAu.....	2	1	GDM
.....aaggagcucacagucuauugagA.....	18	1	GDM
.....aaggagcucacagucuauugagA.....	18	1	GDM
.....aaggagcucacagucuauugagC.....	1	1	GDM
.....aaggagcucacagucuauugagA.....	18	1	GDM
.....aaggagcuAacagucuauugagu.....	1	1	GDM
.....ccacuagauugugagcuccugga.....	1	0	GDM
.....cacuagauugugagcuccu.....	5	0	GDM
.....cacuagauugugagcuccug.....	1	0	GDM
.....cacuagauugugGgcuccugg.....	1	1	GDM
.....Uacuagauugugagcuccugg.....	2	1	GDM
.....Uacuagauugugagcuccugg.....	2	1	GDM
.....cacuagauugugagcuccugg.....	53	0	GDM
.....cacuagaCugugagcuccugg.....	2	1	GDM
.....cacuagauugugagcuccugU.....	3	1	GDM
.....cacuagauugugagcuccugg.....	53	0	GDM
.....cacuagauugugagcuccugA.....	4	1	GDM
.....cacuagauugugagcuccugg.....	53	0	GDM
.....cCcuagauugugagcuccugg.....	1	1	GDM
.....cacuagauugugagcuccugA.....	4	1	GDM
.....cacuagauugugagcuccAgga.....	3	1	GDM
.....cacuGgauugugagcuccugga.....	6	1	GDM
.....cacuagauugugagcuccuggC.....	4	1	GDM
.....cacuagauugGgagcuccugga.....	1	1	GDM
.....cacuUgauugugagcuccugga.....	1	1	GDM
.....cacuagauugugagcuccuggU.....	52	1	GDM
.....cacuagauugugGgcuccugga.....	2	1	GDM
.....cacuagGuugugagcuccugga.....	3	1	GDM
.....cacuagauugugagUuccugga.....	1	1	GDM
.....cacuagauugugagcuGcugga.....	2	1	GDM
.....cacuagauugugagcuccugga.....	596	0	GDM
.....cacuaAauugugagcuccugga.....	2	1	GDM

Star Mature

aagaaaaaauuuaaaauggucccuugcccucaaggagcucacagucuauugaguuaccuuucugacuuucccacuagauugugagcuccuggagggcaggcacuuucguuca

.....cacuaAauugugagcuccugga.....	2	1	GDM
.....cacuagauugCgagcuccugga.....	4	1	GDM
.....Uacuagauugugagcuccugga.....	7	1	GDM
.....cacuagauuAugagcuccugga.....	1	1	GDM
.....cacuagauugugGgcuccugga.....	2	1	GDM
.....cacuagauugugagcuUcugga.....	1	1	GDM
.....cacuagauugugagcuccuggU.....	52	1	GDM
.....cacuagauugCgagcuccugga.....	4	1	GDM
.....cGcuagauugugagcuccugga.....	1	1	GDM
.....cacuagauugugagcuccuggU.....	52	1	GDM
.....cacuagauugCgagcuccugga.....	4	1	GDM
.....cacuagauugugagcCccugga.....	1	1	GDM
.....cacuagauugugagcuccuggC.....	4	1	GDM
.....cacuGgauugugagcuccugga.....	6	1	GDM
.....cacuagGuugugagcuccugga.....	3	1	GDM
.....cacuagauugugagcuccugga.....	596	0	GDM
.....Uacuagauugugagcuccugga.....	7	1	GDM
.....cacuagauCgugagcuccugga.....	4	1	GDM
.....cacuGgauugugagcuccugga.....	6	1	GDM
.....cacuagauugugagcuGcugga.....	2	1	GDM
.....cacuagauugugagcuccAgga.....	3	1	GDM
.....cacuagaCugugagcuccugga.....	2	1	GDM
.....cacuagauugugagcuccuggG.....	7	1	GDM
.....cacuagauugugagcuccuggG.....	7	1	GDM
.....cacuagauugugagcuccugga.....	596	0	GDM
.....cacuagauugugagcuccuggag.....	48	0	GDM
.....cacuagauugugagcuccuggaA.....	68	1	GDM
.....cacuagauugugagcuccuggaU.....	118	1	GDM
.....cacuagaCugugagcuccuggag.....	1	1	GDM
.....cacuagauugugagcuccuggaA.....	68	1	GDM
.....cacuagauugugagcuccuggaC.....	5	1	GDM
.....cacuagauugugagcuccuggaU.....	118	1	GDM
.....cacuagauugugagcuccuggaU.....	118	1	GDM
.....cacuagauugugagcuccuggaA.....	68	1	GDM
.....cacuagauugugagcuccuggag.....	48	0	GDM
.....cacuagauugugagcuccuggag.....	48	0	GDM
.....cacuagauugugagcuccuggaC.....	5	1	GDM
.....cacuagauugugagcuccuggagU.....	11	1	GDM
.....cacuagauugugagcuccuggaAg.....	12	1	GDM
.....cacuagauugugagcuccuggagA.....	8	1	GDM
.....cacuagauugugagcuccuggagA.....	8	1	GDM
.....cacuagauugugagcuccuggaAg.....	12	1	GDM
.....cacuagauugugagcuccuggaAg.....	12	1	GDM
.....cacuagauugugagcuccuggagA.....	8	1	GDM
.....cacuagauugugagcuccuggagU.....	11	1	GDM
.....cacuagauugugagcuccuggagU.....	11	1	GDM
.....acuagauugugagcuccugg.....	5	0	GDM
.....acuagauugCgagcuccugg.....	1	1	GDM
.....acuagauugugagcuccugg.....	5	0	GDM
.....acuagauugugagcuccugg.....	5	0	GDM
.....acuagauugugagcuccugga.....	15	0	GDM
.....acuagaCugugagcuccugga.....	1	1	GDM
.....acuagauugugagcuccugga.....	15	0	GDM
.....acuagauugugagcuccugga.....	15	0	GDM
.....acuagauugugagcuccuggG.....	1	1	GDM
.....acuagauugugagcuccuggag.....	27	0	GDM
.....acuagauugCgagcuccuggag.....	1	1	GDM
.....acuagauugugagcuccuggaA.....	2	1	GDM
.....acuagauugugagcuccuggaU.....	1	1	GDM
.....acuagauugugagcuccuggag.....	27	0	GDM
.....acuagauugugagcuccuggag.....	27	0	GDM
.....acuagauugugagcuccuggagU.....	32	1	GDM
.....acuagauugugagcuccuggagA.....	10	1	GDM
.....acuagauugugagcuccuggagC.....	1	1	GDM
.....acuagauugugagcuccuggagU.....	32	1	GDM
.....acuagauugugagcuccuggagU.....	32	1	GDM
.....acuagauugugagcuccuggagA.....	10	1	GDM
.....acuagauugugagcuccuggagA.....	10	1	GDM
.....acuagauugugagcuccuggagAg.....	1	1	GDM
.....cuagauugugagcuccugg.....	2	0	GDM

Star Mature

```
aagaaaaaauuuaaaauggucccuugcccucaaggagcucacagucuauugaguuaccuuucugacuuucccacuagauugugagcuccuggagggcaggcacuuucguuca
.......................................................................cuagauugugagcuccugg...................  2   0   GDM
.......................................................................cuagauugugagcuccuggaA.................  2   1   GDM
.......................................................................cuagauugugagcuccuggag.................  1   0   GDM
.......................................................................cuagauugugagcuccuggagA................  4   1   GDM
.......................................................................cuagauugugagcuccuggagC................  3   1   GDM
.......................................................................cuagauugugagcuccuggagA................  4   1   GDM
.......................................................................cuagauugugagcuccuggagU................  15  1   GDM
.......................................................................cuagauugugagcuccuggagC................  3   1   GDM
.......................................................................cuagauugugagcuccuggagU................  15  1   GDM
.......................................................................cuagauugugagcuccuggagU................  15  1   GDM

.............................aaggagcucacagucuauug......................................................  4   0   Z3_
.............................aaggagcucacagucuauuga.....................................................  6   0   Z3_
.............................aaggagcucacagucuauugag....................................................  5   0   Z3_
.............................aaggagcucacagucuauugaC...................................................  1   1   Z3_
.............................aaggagcucacagucuauugaA...................................................  3   1   Z3_
.............................aaggagcucacagucuauugagA..................................................  1   1   Z3_
.......................................................................cacuagauugugagcuccA...................  1   1   Z3_
.......................................................................cacuagauugugagcuccu...................  1   0   Z3_
.......................................................................cacuagauugugagcuccug..................  3   0   Z3_
.......................................................................Uacuagauugugagcuccugg.................  4   1   Z3_
.......................................................................cacuagGuugugagcuccugg.................  1   1   Z3_
.......................................................................cacuagauugugagcuccugg.................  14  0   Z3_
.......................................................................cacuagauugugagcuccugga................  211 0   Z3_
.......................................................................cacuGgauugugagcuccugga................  2   1   Z3_
.......................................................................cacuagauugugagcCccugga................  1   1   Z3_
.......................................................................Uacuagauugugagcuccugga................  1   1   Z3_
.......................................................................cacuagauuguUagcuccugga................  1   1   Z3_
.......................................................................cacCagauugugagcuccugga................  1   1   Z3_
.......................................................................cacuagauugugagcuccuggG................  2   1   Z3_
.......................................................................Aacuagauugugagcuccugga................  1   1   Z3_
.......................................................................cacuagaAugugagcuccugga................  1   1   Z3_
.......................................................................cacuagauCgugagcuccugga................  1   1   Z3_
.......................................................................cacuagaCugugagcuccugga................  2   1   Z3_
.......................................................................cacuagauugugagcuccuggC................  3   1   Z3_
.......................................................................cacuagauugugagcuccuggU................  17  1   Z3_
.......................................................................cacuagauugugagcuUcugga................  1   1   Z3_
.......................................................................cacuagauugugGgcuccugga................  1   1   Z3_
.......................................................................cacuagauugugagcuGcugga................  2   1   Z3_
.......................................................................cacuagauugugagcuccuggag...............  19  0   Z3_
.......................................................................cacuagauugugagcuccuggGg...............  1   1   Z3_
.......................................................................cacuagauugugagcuccuggaU...............  23  1   Z3_
.......................................................................cacuagauugugagcuccuggaC...............  1   1   Z3_
.......................................................................cacuagauugugagcuccuggaA...............  30  1   Z3_
.......................................................................cacuagauuAugagcuccuggag...............  2   1   Z3_
.......................................................................cacuagauugugagcuccuggagA..............  2   1   Z3_
.......................................................................cacuagauugugagcuccuggagU..............  7   1   Z3_
.......................................................................acuagauCgugagcuccugga.................  1   1   Z3_
.......................................................................acuagauugugagcuccugga.................  8   0   Z3_
.......................................................................acuagauugugagcCccugga.................  1   1   Z3_
.......................................................................acuagauugugagcuccuggaU................  1   1   Z3_
.......................................................................acuagaCugugagcuccuggag................  1   1   Z3_
.......................................................................acuagauugugagcuccuggag................  5   0   Z3_
.......................................................................acuagauugugagcuccuggagC...............  1   1   Z3_
.......................................................................acuagauugugagcuccuggagA...............  6   1   Z3_
.......................................................................acuagauugugagcuccuggagU...............  1   1   Z3_
.......................................................................cuagauugugagcuccuggaA.................  2   1   Z3_
.......................................................................cuagauugugagcuccuggag.................  2   0   Z3_
.......................................................................cuagauugugagcuccuggagU................  7   1   Z3_

.............................aaggagcucacagucuauug......................................................  10  0   Z1_
.............................aaggagcucacagucuauuga.....................................................  14  0   Z1_
.............................aaggagcucacagucuauugag....................................................  5   0   Z1_
.............................aaggGgcucacagucuauugag....................................................  1   1   Z1_
.............................aaggagcucacagucuauugaAu..................................................  1   1   Z1_
.............................aaggagcucacagucuauugagA..................................................  3   1   Z1_
.............................aaggagcucacagucuauugagAu.................................................  5   1   Z1_
.......................................................................cacuagauugugagcuccu...................  1   0   Z1_
.......................................................................cacuagauugugagcuccC...................  1   1   Z1_
.......................................................................cacuagauCgugagcuccugg.................  1   1   Z1_
```

Star Mature

```
aagaaaaaauuuaaaauggucuuugcccucaaggagcucacagucuauugaguuaccuuucugacuuucccacuagauugugagcuccuggagggcaggcacuuucguuca
.............................................................cacuaAauugugagcuccugg...................  1   1   Z1_
.............................................................cacuagauugugagcuccugg...................  19  0   Z1_
.............................................................cacuagauuAugagcuccugg...................  1   1   Z1_
.............................................................Nacuagauugugagcuccugga..................  1   1   Z1_
.............................................................cacuagauugugagcuccuggG..................  4   1   Z1_
.............................................................Uacuagauugugagcuccugga..................  1   1   Z1_
.............................................................cacuagauugugagcCccugga..................  4   1   Z1_
.............................................................cacuagauugugagcuccugga..................  226 0   Z1_
.............................................................cGcuagauugugagcuccugga..................  3   1   Z1_
.............................................................cacuagauugugGgcuccugga..................  2   1   Z1_
.............................................................cacuagauugCgagcuccugga..................  4   1   Z1_
.............................................................cacuagauCgugagcuccugga..................  2   1   Z1_
.............................................................cacuagauugugagcuccuggU..................  22  1   Z1_
.............................................................cacuagGuugugagcuccugga..................  5   1   Z1_
.............................................................cacuagauugugagcuccuggC..................  3   1   Z1_
.............................................................caAuagauugugagcuccugga..................  1   1   Z1_
.............................................................cacuagauugugagUuccugga..................  1   1   Z1_
.............................................................cUcuagauugugagcuccuggag.................  1   1   Z1_
.............................................................cacuagauugugagcuccuggag.................  15  0   Z1_
.............................................................cacuagauugugagcuccuggaA................  42  1   Z1_
.............................................................cacuagauugugagcuccuggaC................  4   1   Z1_
.............................................................cacuagauugugagcuccCggag.................  1   1   Z1_
.............................................................cacuagauugugagcuccuggaU................  50  1   Z1_
.............................................................cacuGgauugugagcuccuggag.................  1   1   Z1_
.............................................................cacuagauugugagcuccuggaAg................  3   1   Z1_
.............................................................cacuagauugugagcuccuggagA................  6   1   Z1_
.............................................................acuagauugugagcuccu......................  1   0   Z1_
.............................................................acuagaCugugagcuccugg....................  1   1   Z1_
.............................................................acuagauuguAagcuccugg....................  1   1   Z1_
.............................................................acuagauugugagcuccugg....................  3   0   Z1_
.............................................................acuagauugugagcuccuggaU..................  1   1   Z1_
.............................................................acuagauugugagcuccuggag.................  13  0   Z1_
.............................................................acuagauugugagcuccuAgag.................  1   1   Z1_
.............................................................acuagauugugagcuccuggaA................  2   1   Z1_
.............................................................acuagauugugagcuccuggagU................  11  1   Z1_
.............................................................acuagauugugagcuccuggagA................  5   1   Z1_
.............................................................cuagauugugagcuccuggagA................  4   1   Z1_
.............................................................cuagauugugagcuccuggagU................  4   1   Z1_
.............................................................cuagauugugagcuccuggagC................  2   1   Z1_
```