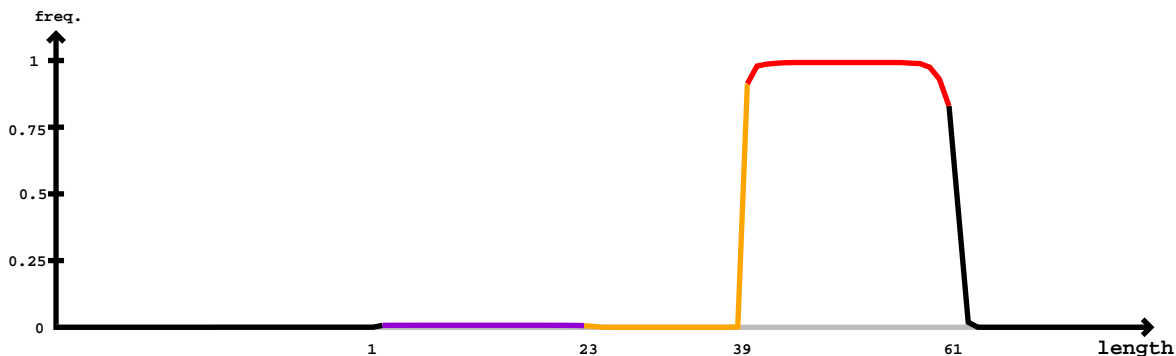
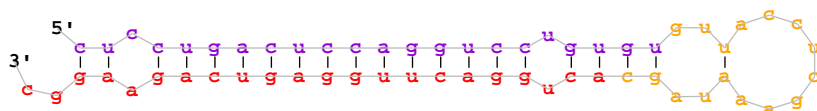


Provisional ID : MNA\_576\_27758  
 Score total : 20476.1  
 Score for star read(s) : 3.9  
 Score for read counts : 20468.1  
 Score for mfe : 2.5  
 Score for randfold : 1.6  
 Score for cons. seed :  
 Total read count : 40159  
 Mature read count : 39858  
 Loop read count : 0  
 Star read count : 301



**Star**

**Mature**

| 5'                             | Star                   | Mature                                 | -3'                 | obs   | mm | sample |
|--------------------------------|------------------------|--|---------------------|-------|----|--------|
|                                |                        |  |                     | reads |    |        |
| acgcagccagcgggugacagagccaccagg | gucucugacuccaggucugugu | guuaccucgaaauagcacuggacuuggagucagaaggc | cugaguggagucgccuucc |       |    |        |
| acgcagccagcgggugacagagccaccagg | gucucugacuccaggucugugu | guuaccucgaaauagcacuggacuuggagucagaaggc | cugaguggagucgccuucc |       |    |        |
| .....                          | .....                  | .....                                  | .....               |       |    |        |
| .....gugacagagccaccagg         | .....                  | .....                                  | .....               | 1     | 0  | seq    |
| .....ugacagagccaccagg          | .....                  | .....                                  | .....               | 1     | 0  | seq    |
| .....gacagagccaccagg           | .....                  | .....                                  | .....               | 1     | 0  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 0  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 0  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 9     | 0  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 9     | 0  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 28    | 0  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 7     | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 190   | 0  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 10    | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 22    | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 2     | 1  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....uccugacuccagguc           | .....                  | .....                                  | .....               | 12    | 0  | seq    |
| .....cuccugacuccagguc          | .....                  | .....                                  | .....               | 2     | 0  | seq    |
| .....ugacuccagguc              | .....                  | .....                                  | .....               | 2     | 0  | seq    |
| .....caccugacuccagguc          | .....                  | .....                                  | .....               | 4     | 0  | seq    |
| .....cGcuggacuuggagucagaagg    | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....caccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....caccugacuccagguc          | .....                  | .....                                  | .....               | 3     | 1  | seq    |
| .....caccugacuccagguc          | .....                  | .....                                  | .....               | 35    | 0  | seq    |
| .....caccugacuccagguc          | .....                  | .....                                  | .....               | 3     | 1  | seq    |
| .....caccugacuccagguc          | .....                  | .....                                  | .....               | 4     | 1  | seq    |
| .....caccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 0  | seq    |
| .....caccugacuccagguc          | .....                  | .....                                  | .....               | 1     | 1  | seq    |
| .....accuggacuuggagucCg        | .....                  | .....                                  | .....               | 8     | 1  | seq    |
| .....accuggacuuggaguc          | .....                  | .....                                  | .....               | 89    | 0  | seq    |

Star

Mature

acgcagccagcgggugacagagccaccaggccucugacuccagguccuguguuaccucgaaauagcaucuggacuuggagucagaagggcugaguggagucgcccucc

|                                   |       |   |     |
|-----------------------------------|-------|---|-----|
| .....acuggacuuggagucaga.....      | 48    | 0 | seq |
| .....acuggacuuggGgucaga.....      | 1     | 1 | seq |
| .....acuggacuuggagucCga.....      | 2     | 1 | seq |
| .....acuggacuuggagucGga.....      | 1     | 1 | seq |
| .....acuggacuuggagucCgaa.....     | 2     | 1 | seq |
| .....acuggacuuggagucaga.....      | 520   | 0 | seq |
| .....acuggacuuggagucagCa.....     | 1     | 1 | seq |
| .....acuggCcuuggagucagaa.....     | 2     | 1 | seq |
| .....acuggacuuggGgucagaa.....     | 4     | 1 | seq |
| .....acuggacuuggGgucagaag.....    | 24    | 1 | seq |
| .....acuggGcuuggagucagaag.....    | 6     | 1 | seq |
| .....acuggacuuggGgucagaag.....    | 2     | 1 | seq |
| .....acuggacuuggagucagaaA.....    | 12    | 1 | seq |
| .....acuggacuuggagucagaag.....    | 1625  | 0 | seq |
| .....acuggacuuggagucCgaag.....    | 14    | 1 | seq |
| .....acuAgaucuggagucagaag.....    | 1     | 1 | seq |
| .....acuggacuuggagucGgaag.....    | 9     | 1 | seq |
| .....acuggacuugUagucagaagg.....   | 1     | 1 | seq |
| .....acugAacuuggagucagaagg.....   | 1     | 1 | seq |
| .....acuggacuuggagucGgaagg.....   | 10    | 1 | seq |
| .....acuggacuuggagucCgaagg.....   | 172   | 1 | seq |
| .....acuggacuuggagucagaagU.....   | 68    | 1 | seq |
| .....acuggacuuggaguAagaagg.....   | 1     | 1 | seq |
| .....acuggacuuggagucagGagg.....   | 2     | 1 | seq |
| .....acuggacuuggagucUgaagg.....   | 1     | 1 | seq |
| .....acuggacuuggagucAaagg.....    | 3     | 1 | seq |
| .....acuggacGuggagucagaagg.....   | 1     | 1 | seq |
| .....acuggacuuggagucagaagg.....   | 3377  | 0 | seq |
| .....acuggacuuggGgucagaagg.....   | 6     | 1 | seq |
| .....acGggacuuggagucagaagg.....   | 1     | 1 | seq |
| .....acuggacuuggaguUagaagg.....   | 1     | 1 | seq |
| .....acuggacuuggGgucagaagg.....   | 205   | 1 | seq |
| .....acuggGcuuggagucagaagg.....   | 3     | 1 | seq |
| .....acuggacuuggUgucagaagg.....   | 1     | 1 | seq |
| .....acuggCcuuggagucagaagg.....   | 11    | 1 | seq |
| .....acuggacuuggaAucagaagg.....   | 1     | 1 | seq |
| .....aUggacuuggagucagaagg.....    | 2     | 1 | seq |
| .....acuggacuuggagucagaGgg.....   | 1     | 1 | seq |
| .....Gcuggacuuggagucagaagg.....   | 25    | 1 | seq |
| .....acuggacuuggagucagaaAg.....   | 4     | 1 | seq |
| .....acuggacuUgagucagaaggc.....   | 1     | 1 | seq |
| .....acAggacuuggagucagaaggc.....  | 2     | 1 | seq |
| .....acuggacuuggagucGgaaggc.....  | 73    | 1 | seq |
| .....acuggacuuggagucUgaaggc.....  | 7     | 1 | seq |
| .....acuggacGuggagucagaaggc.....  | 3     | 1 | seq |
| .....acuggacuuggagucagaaggc.....  | 18412 | 0 | seq |
| .....acuggacuCggagucagaaggc.....  | 1     | 1 | seq |
| .....acGggacuuggagucagaaggc.....  | 8     | 1 | seq |
| .....acuAgaucuggagucagaaggc.....  | 3     | 1 | seq |
| .....acuggacuUCgagucagaaggc.....  | 1     | 1 | seq |
| .....acuggacuuggagucagaaggU.....  | 369   | 1 | seq |
| .....acuggacuuggagucagaaggG.....  | 5     | 1 | seq |
| .....acuggacuuggagucagaagUc.....  | 8     | 1 | seq |
| .....acugAacuuggagucagaaggc.....  | 2     | 1 | seq |
| .....acuggacuAaggagucagaaggc..... | 2     | 1 | seq |
| .....acuggacuugUagucagaaggc.....  | 1     | 1 | seq |
| .....aUggacuuggagucagaaggc.....   | 2     | 1 | seq |
| .....acuggacuuggagucAaaggc.....   | 1     | 1 | seq |
| .....acuggCcuuggagucagaaggc.....  | 98    | 1 | seq |
| .....acuggacuuggaAucagaaggc.....  | 2     | 1 | seq |
| .....acuCgacuuggagucagaaggc.....  | 1     | 1 | seq |
| .....Gcuggacuuggagucagaaggc.....  | 98    | 1 | seq |
| .....acuggacuuggUgucagaaggc.....  | 3     | 1 | seq |
| .....acuggacuuggGgucagaaggc.....  | 13    | 1 | seq |
| .....acuggacuuggagucCgaaggc.....  | 805   | 1 | seq |
| .....acugNacuuggagucagaaggc.....  | 1     | 1 | seq |
| .....acuggacuuggagucagaaggA.....  | 613   | 1 | seq |
| .....acuggacuuggagGcagaaggc.....  | 3     | 1 | seq |
| .....acuggacuuggagucAaaggc.....   | 2     | 1 | seq |
| .....acuggacuuggaUucagaaggc.....  | 1     | 1 | seq |

Star

Mature

| Sequence  | Star Count | Mature Count | Category |
|---|------------|--------------|----------|
| acgcagccagcgggugacagagccacccagggcucucugacuccagguccuguguuaccucgaaauagcaucuggacuuggagucagaagggcugaguggagucgcccucc | 2          | 1            | seq      |
| .....acuggacuuggagucalaaggc.....  | 2          | 1            | seq      |
| .....acuggacCuggagucagaagggc.....   | 2          | 1            | seq      |
| .....acuggacuuggagucacaaggc.....  | 2          | 1            | seq      |
| .....acuggaUuuggagucagaagggc.....   | 1          | 1            | seq      |
| .....acuggacuuggagucagaagggc.....   | 1          | 1            | seq      |
| .....acuggacuuggagucagaagggc.....   | 4          | 1            | seq      |
| .....acuggacuuggagucagGaggc.....  | 53         | 1            | seq      |
| .....acuggacuuggagucagUaggc.....  | 5          | 1            | seq      |
| .....acuggacAuggagucagaagggc.....   | 3          | 1            | seq      |
| .....acuggacuuggagucagaagggc.....   | 5          | 1            | seq      |
| .....acuggacuuggagucagCaggc.....  | 11         | 1            | seq      |
| .....Cuggacuuggagucagaagggc.....  | 1          | 1            | seq      |
| .....acCggacuuggagucagaagggc.....   | 2          | 1            | seq      |
| .....acuggacuullaggagucagaagggc.....  | 2          | 1            | seq      |
| .....acuggacuuggCgucagaagggc.....   | 1022       | 1            | seq      |
| .....acuggGcuuggagucagaagggc.....   | 32         | 1            | seq      |
| .....acuggacuuggagucalaaggcc.....   | 1          | 1            | seq      |
| .....acuggacuuggagucagGaggcc.....   | 1          | 1            | seq      |
| .....acGggacuuggagucagaagggcc.....  | 1          | 1            | seq      |
| .....acuggacuucgagucagaagggcc.....  | 1          | 1            | seq      |
| .....Guggacuuggagucagaagggcc.....   | 1          | 1            | seq      |
| .....acuggacuuggagucGgaagggcc.....  | 2          | 1            | seq      |
| .....acuggacuuggagucagaagggAc.....  | 7          | 1            | seq      |
| .....acuggGcuuggagucagaagggcc.....  | 1          | 1            | seq      |
| .....acuggacuuggCgucagaagggcc.....  | 32         | 1            | seq      |
| .....acuggaLuuggagucagaagggcc.....  | 1          | 1            | seq      |
| .....acuggacuuggagucagaagggcA.....  | 2717       | 1            | seq      |
| .....acuggacuuggagucagaagggcG.....  | 140        | 1            | seq      |
| .....acuggacuuggagucagaagggcU.....  | 4688       | 1            | seq      |
| .....acuggCcuuggagucagaagggcc.....  | 1          | 1            | seq      |
| .....acuggacuuggagucagaagggcc.....  | 519        | 0            | seq      |
| .....acuggacuuggagucCgaagggcc.....  | 24         | 1            | seq      |
| .....acuggacuuggagucagaagggccA.....   | 47         | 1            | seq      |
| .....acuggacuuggagucagaagggcAu.....   | 230        | 1            | seq      |
| .....acuggacuuggagucagaagggAcu.....   | 1          | 1            | seq      |
| .....acuggacuuggagucagaagggcGu.....   | 17         | 1            | seq      |
| .....acuggacuuggCgucagaagggccu.....   | 7          | 1            | seq      |
| .....acuggacuuggagucagaagggcUu.....   | 133        | 1            | seq      |
| .....acCggacuuggagucagaagggccu.....   | 1          | 1            | seq      |
| .....acuggCcuuggagucagaagggccu.....   | 1          | 1            | seq      |
| .....acuggacuuggagulaagaagggccu.....  | 1          | 1            | seq      |
| .....acuggacuuggagucagaagggccG.....   | 3          | 1            | seq      |
| .....acuggacuuggagucCgaagggccu.....   | 3          | 1            | seq      |
| .....acuggacuuggagucagaagggccu.....   | 71         | 0            | seq      |
| .....acuggacuuggagucagaagggccuU.....  | 2          | 1            | seq      |
| .....acuggacuuggagucagaagggcAuga.....   | 1          | 1            | seq      |
| .....cuggacuuggagucCga.....   | 3          | 1            | seq      |
| .....cuggacuuggaUucaga.....   | 1          | 1            | seq      |
| .....cuggacuuggagucaga.....   | 14         | 0            | seq      |
| .....cuggacuuggagucagaa.....  | 9          | 0            | seq      |
| .....cuggacuuggagucCgaa.....  | 2          | 1            | seq      |
| .....cuggacuuggagucagaag.....   | 90         | 0            | seq      |
| .....cuggacuuggCgucagaaggg.....   | 3          | 1            | seq      |
| .....cuggacuuggagucagaaggg.....   | 94         | 0            | seq      |
| .....cuggacuuggagucCgaaggg.....   | 4          | 1            | seq      |
| .....cuggacuuggagucagaagggc.....  | 942        | 0            | seq      |
| .....cuggacuuggagucalaaggc.....   | 1          | 1            | seq      |
| .....cuggacuuggGgucagaagggc.....  | 1          | 1            | seq      |
| .....cuggacuuggagucagaGggc.....   | 2          | 1            | seq      |
| .....cuggacuuggagucagaagggU.....  | 46         | 1            | seq      |
| .....cuggacuuggagucGgaagggc.....  | 1          | 1            | seq      |
| .....cuggacuuggagulaagaagggc.....   | 1          | 1            | seq      |
| .....cuggacuuggagucagaagggA.....  | 22         | 1            | seq      |
| .....cuggacuuggagucCgaagggc.....  | 49         | 1            | seq      |
| .....cuggacuuggCgucagaagggc.....  | 1          | 1            | seq      |
| .....cuggacuuggagucagaCggcc.....  | 1          | 1            | seq      |
| .....cuggacuuggagucagaagggcc.....   | 288        | 0            | seq      |
| .....cuggacuuggagucCgaagggcc.....   | 27         | 1            | seq      |
| .....cuggacuuggagucacaaggcc.....  | 1          | 1            | seq      |
| .....cugAacuuggagucagaagggcc.....   | 1          | 1            | seq      |

Star

Mature

|   |                                   |     |   |     |
|---|-----------------------------------|-----|---|-----|
| acgcagccagcgggugacagagccaccaggccucucugacuccagguccuguguuaccucgaaauagca | cuggacuuggagucagaaggcG            | 10  | 1 | seq |
| .....   | .....cuggacuuggagucagaaggcG.....  | 1   | 1 | seq |
| .....   | .....cuggacuuggagucagaaggcU.....  | 642 | 1 | seq |
| .....   | .....cuggacuuggagucagaaggcC.....  | 1   | 1 | seq |
| .....   | .....cuggacuuggagucagaaggcA.....  | 185 | 1 | seq |
| .....   | .....cuggacuuggagucagaaggccU..... | 60  | 0 | seq |
| .....   | .....cuggacuuggagucagaaggccU..... | 1   | 1 | seq |
| .....   | .....cuggacuuggagucagaaggcU.....  | 20  | 1 | seq |
| .....   | .....cuggacuuggagucagaaggcU.....  | 42  | 1 | seq |
| .....   | .....cuggacuuggagucagaaggcU.....  | 2   | 1 | seq |
| .....   | .....cuggacuuggagucagaaggcG.....  | 4   | 1 | seq |
| .....   | .....cuggacuuggagucagaaggccC..... | 1   | 1 | seq |
| .....   | .....cuggacuuggagucagaaggccA..... | 84  | 1 | seq |
| .....   | .....cuggacuuggagucagaaggccU..... | 3   | 1 | seq |
| .....   | .....cuggacuuggagucagaaggccU..... | 1   | 1 | seq |
| .....   | .....cuggacuuggagucagaaggccU..... | 1   | 1 | seq |
| .....   | .....uggacuuggagucagaa.....       | 1   | 0 | seq |
| .....   | .....uggacuuggagucagaaag.....     | 1   | 1 | seq |
| .....   | .....uggacuuggagucagaaag.....     | 1   | 0 | seq |
| .....   | .....uggacuuggagucagaaag.....     | 1   | 1 | seq |
| .....   | .....uggacuuggagucagaaag.....     | 51  | 0 | seq |
| .....   | .....uggacuuggagucagaaagA.....    | 4   | 1 | seq |
| .....   | .....uggacuuggagucagaaagc.....    | 142 | 0 | seq |
| .....   | .....uggacuuggagucagaaagc.....    | 2   | 1 | seq |
| .....   | .....uggacuuggagucagaaagc.....    | 1   | 1 | seq |
| .....   | .....uggacuuggagucagaaagcc.....   | 2   | 0 | seq |
| .....   | .....uggacuuggagucagaaagcA.....   | 26  | 1 | seq |
| .....   | .....uggacuuggagucagaaagcU.....   | 48  | 1 | seq |
| .....   | .....uggacuuggagucagaaagcU.....   | 2   | 1 | seq |
| .....   | .....uggacuuggagucagaaagcU.....   | 4   | 1 | seq |
| .....   | .....ggacuuggagucagaaag.....      | 2   | 0 | seq |
| .....   | .....ggacuuggagucagaaag.....      | 9   | 0 | seq |
| .....   | .....ggacuuggagucagaaagc.....     | 86  | 0 | seq |
| .....   | .....ggacuuggagucagaaagc.....     | 1   | 1 | seq |
| .....   | .....ggacuuggagucagaaagA.....     | 3   | 1 | seq |
| .....   | .....ggacuuggagucagaaagc.....     | 1   | 1 | seq |
| .....   | .....ggacuuggagucagaaagcU.....    | 20  | 1 | seq |
| .....   | .....ggacuuggagucagaaagcc.....    | 2   | 0 | seq |
| .....   | .....ggacuuggagucagaaagcA.....    | 12  | 1 | seq |
| .....   | .....gacuuggagucagaaag.....       | 1   | 1 | seq |
| .....   | .....gacuuggagucagaaag.....       | 6   | 0 | seq |
| .....   | .....gacuuggagucagaaagc.....      | 2   | 1 | seq |
| .....   | .....gacuuggagucagaaagc.....      | 1   | 1 | seq |
| .....   | .....gacuuggagucagaaagc.....      | 4   | 1 | seq |
| .....   | .....gCcuuggagucagaaagc.....      | 1   | 1 | seq |
| .....   | .....gacuuggagucagaaagA.....      | 3   | 1 | seq |
| .....   | .....gacuuggagucagaaagc.....      | 47  | 0 | seq |
| .....   | .....gacuuggagucagaaagcA.....     | 3   | 1 | seq |
| .....   | .....gacuuggagucagaaagcc.....     | 4   | 0 | seq |
| .....   | .....gacuuggagucagaaagcU.....     | 12  | 1 | seq |
| .....   | .....gacuuggagucagaaagcU.....     | 1   | 1 | seq |
| .....   | .....acuuggagucagaaagc.....       | 10  | 0 | seq |
| .....   | .....acuuggagucagaaagA.....       | 2   | 1 | seq |
| .....   | .....acuuggagucagaaagcU.....      | 5   | 1 | seq |
| .....   | .....acuuggagucagaaagcA.....      | 2   | 1 | seq |
| .....   | .....acuuggagucagaaagcU.....      | 1   | 1 | seq |
| .....   | .....cuuggagucagaaagcA.....       | 3   | 1 | seq |