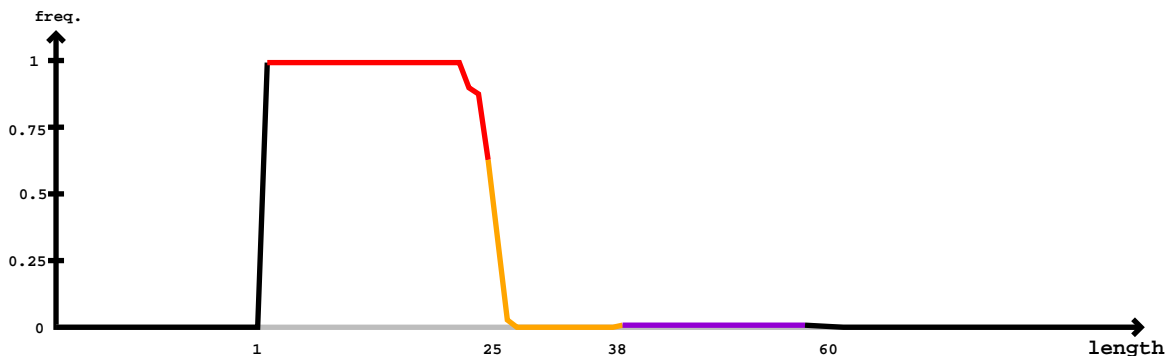
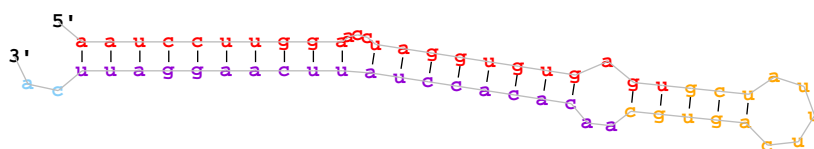


Provisional ID : X\_44378  
 Score total : 131.6  
 Score for star read(s) : 3.9  
 Score for read counts : 124  
 Score for mfe : 2  
 Score for randfold : 1.6  
 Score for cons. seed :  
 Total read count : 255  
 Mature read count : 253  
 Loop read count : 0  
 Star read count : 2



**Mature**

**Star**

| 5'  | obs | exp | known | reads | mm | sample |
|---|-----|-----|-------|-------|----|--------|
| cuugucugcucccccucugaa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga |     |     |       |       |    |        |
| cuugucugcucccccucugaa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga |     |     |       |       |    |        |
| cuugucugcucccccucugaa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga |     |     |       |       |    |        |
| .....(((((((.....((((((((((((((((.....(((.....))                            |     |     |       |       |    |        |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 2   |     |       | 2     | 0  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 12  |     |       | 12    | 0  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 11  |     |       | 11    | 0  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | Z3_    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 11  |     |       | 11    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 11  |     |       | 11    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 11  |     |       | 11    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 5   |     |       | 5     | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 5   |     |       | 5     | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 18  |     |       | 18    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 18  |     |       | 18    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 3   |     |       | 3     | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 18  |     |       | 18    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 45  |     |       | 45    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 6   |     |       | 6     | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 12  |     |       | 12    | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 45  |     |       | 45    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 12  |     |       | 12    | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 12  |     |       | 12    | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 6   |     |       | 6     | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 1   |     |       | 1     | 1  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 45  |     |       | 45    | 0  | GDM    |
| .....aa <u>uuuucagugca</u> uuuucagugcaacacaccuauucaaggauucaaaagaggcugagccuugucua <u>cauguaga</u> agga.....          | 6   |     |       | 6     | 1  | GDM    |

Mature

Star

| Sequence  | Count | Score | Category |
|---|-------|-------|----------|
| cuugucugcucccccucugaa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagugcua <u>uuu</u> ucagugc <u>aa</u> ca <u>ca</u> caccu <u>uu</u> caagg <u>uu</u> caaagaggcugagccuugucua <u>ca</u> uguagaagga |       |       |          |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagug.....   | 2     | 0     | GDM      |
| .....a <u>G</u> uccuugga <u>aa</u> ccuaggugugagugc.....   | 1     | 1     | GDM      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagug <u>U</u> .....   | 3     | 1     | GDM      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagug <u>U</u> .....   | 3     | 1     | GDM      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagugc.....  | 1     | 0     | GDM      |
| .....aa <u>aa</u> c <u>A</u> uugga <u>aa</u> ccuaggugug.....  | 1     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugug.....   | 7     | 0     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuagguguga.....  | 1     | 0     | Z1_      |
| ..... <u>C</u> a <u>u</u> ccuugga <u>aa</u> ccuaggugugag.....   | 1     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuagguguga <u>A</u> .....  | 2     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuagg <u>C</u> ugag.....   | 1     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugag.....   | 8     | 0     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggug <u>A</u> gagu.....   | 1     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagu.....  | 23    | 0     | Z1_      |
| .....aa <u>C</u> ccuugga <u>aa</u> ccuaggugugagu.....   | 1     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuagguguga <u>Au</u> .....   | 1     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugag <u>A</u> .....   | 3     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugag <u>C</u> .....   | 2     | 1     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagug.....   | 6     | 0     | Z1_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugug.....   | 1     | 0     | Z2_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugag.....   | 16    | 0     | Z2_      |
| .....aa <u>aa</u> cc <u>C</u> ugga <u>aa</u> ccuaggugugag.....  | 1     | 1     | Z2_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugag <u>A</u> .....   | 3     | 1     | Z2_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagu.....  | 25    | 0     | Z2_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugag <u>C</u> .....   | 6     | 1     | Z2_      |
| .....aa <u>aa</u> ccuugga <u>aa</u> ccuaggugugagug <u>U</u> .....   | 2     | 1     | Z2_      |
| .....aa <u>aa</u> ca <u>ca</u> caccu <u>uu</u> caagg <u>uu</u> .....  | 2     | 0     | Z2_      |