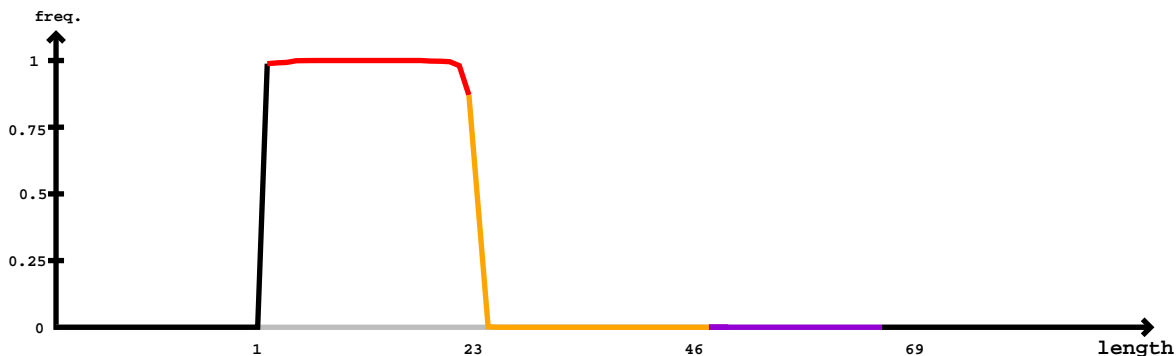
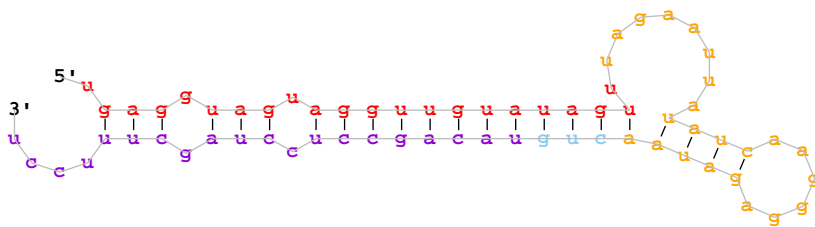


Provisional ID : MNA\_539\_25661  
 Score total : 2  
 Score for star read(s) : -1.3  
 Score for read counts : 0  
 Score for mfe : 1.7  
 Score for randfold : 1.6  
 Score for cons. seed :  
 Total read count : 3233887  
 Mature read count : 3233884  
 Loop read count : 0  
 Star read count : 3



**Mature**

**Star**

| 5' | gcaacugcauguucccagguugagguaguagguuguauaguuuagaauuuaucaagggagauaacuguaacagccuccuagcuuuccuugggccuugcacaagcaacaugc | -3'   | obs | mm  | sample |
|----|---|-------|-----|-----|--------|
|    | gcaacugcauguucccagguugagguaguagguuguauaguuuagaauuuaucaagggagauaacuguaacagccuccuagcuuuccuugggccuugcacaagcaacaugc | exp   |     |     |        |
|    | .....(((((((.....(((.....((((((((((((.....((((.....)))))))))))))))))).....((((.....))))))                       | reads |     |     |        |
|    | .....Uguugagguaguagguuguauaguu.....   | 2     | 1   | seq |        |
|    | .....guugagguaguagguuguau.....  | 2     | 0   | seq |        |
|    | .....Cuugagguaguagguuguauaguu.....  | 1     | 1   | seq |        |
|    | .....Cugagguaguagguugu.....   | 2     | 1   | seq |        |
|    | .....uugagguaguagguugu.....   | 3     | 0   | seq |        |
|    | .....Cugagguaguagguuguau.....   | 1     | 1   | seq |        |
|    | .....uugagguagCagguuguau.....   | 1     | 1   | seq |        |
|    | .....uugagguaguagguuguau.....   | 6     | 0   | seq |        |
|    | .....Cugagguaguagguuguaua.....  | 4     | 1   | seq |        |
|    | .....Cugagguaguagguuguauag.....   | 5     | 1   | seq |        |
|    | .....Cugagguaguagguuguauagu.....  | 20    | 1   | seq |        |
|    | .....Cugagguaguagguuguauaguu.....   | 236   | 1   | seq |        |
|    | .....uugagguaguagguuguauaguu.....   | 4     | 0   | seq |        |
|    | .....Cugagguaguagguuguauaguuu.....  | 8     | 1   | seq |        |
|    | .....Cugagguaguagguuguauaguuua.....   | 1     | 1   | seq |        |
|    | .....ugagguaguagguugGa.....   | 3     | 1   | seq |        |
|    | .....ugagguaguagguCugua.....  | 2     | 1   | seq |        |
|    | .....ugagguaguagguuguU.....   | 1     | 1   | seq |        |
|    | .....uUagguaguagguuguua.....  | 1     | 1   | seq |        |
|    | .....ugaAguaguagguuguua.....  | 1     | 1   | seq |        |
|    | .....uAagguaguagguuguua.....  | 1     | 1   | seq |        |
|    | .....ugagguaguagguuugua.....  | 1     | 1   | seq |        |
|    | .....ugagguaguagguuugua.....  | 22    | 1   | seq |        |
|    | .....ugagguaguagguuugCa.....  | 2     | 1   | seq |        |
|    | .....Cgagguaguagguuguua.....  | 2     | 1   | seq |        |
|    | .....ugagguuUguagguuguua.....   | 1     | 1   | seq |        |
|    | .....ugagguaguagguuAua.....   | 2     | 1   | seq |        |
|    | .....ugagguaguagguuugua.....  | 5     | 1   | seq |        |
|    | .....ugagguaguagguuugua.....  | 1     | 1   | seq |        |
|    | .....ugagguaguagguuugua.....  | 1     | 1   | seq |        |
|    | .....ugagguaguagguuugua.....  | 8     | 1   | seq |        |
|    | .....ugagguaguagguuugua.....  | 2     | 1   | seq |        |
|    | .....ugagguaguagguuugua.....  | 25    | 1   | seq |        |

Mature

Star

| Sequence   | Mature Count | Star Count | Category |
|--|--------------|------------|----------|
| gcaacugcauguucccaggguugagguuagguuuguauguuuagaauuauaucaagggagauaacuguaacagccuccuagcuuuccuugggccuugcaacaagcaacaugc |              |            |          |
| .....ugagguuagGgguuugua.....   | 2            | 1          | seq      |
| .....ugGgguuagguuugua.....   | 3            | 1          | seq      |
| .....ugagguuagguuugua.....   | 6833         | 0          | seq      |
| .....ugagggAguagguuugua.....   | 4            | 1          | seq      |
| .....ugagguGguagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguGugua.....   | 3            | 1          | seq      |
| .....ugagguuagguuuguaA.....  | 21           | 1          | seq      |
| .....ugagguuugguagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuuguaG.....  | 16           | 1          | seq      |
| .....ugagguuagguuugua.....   | 1735         | 0          | seq      |
| .....ugagguuagguuugua.....   | 2            | 1          | seq      |
| .....ugagggGaguagguuugua.....  | 26           | 1          | seq      |
| .....ugagguuagCagguuugua.....  | 1            | 1          | seq      |
| .....ugagguuagguuuguaC.....  | 3            | 1          | seq      |
| .....ugagggCaguagguuugua.....  | 11           | 1          | seq      |
| .....ugagguuagguuugGau.....  | 1            | 1          | seq      |
| .....ugGgguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguCuugua.....  | 5            | 1          | seq      |
| .....ugagguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuugua.....   | 72           | 1          | seq      |
| .....ugagguuagguuugua.....   | 33           | 1          | seq      |
| .....ugagguuCuagguuugua.....   | 1            | 1          | seq      |
| .....Ggagguuagguuugua.....   | 2            | 1          | seq      |
| .....ugGgguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagggCaguagguuugua.....  | 8            | 1          | seq      |
| .....ugagguuagguuuguaG.....  | 13           | 1          | seq      |
| .....uAagguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuuguaA.....  | 16           | 1          | seq      |
| .....ugagguuagCagguuugua.....  | 4            | 1          | seq      |
| .....ugagguuagguGugua.....   | 10           | 1          | seq      |
| .....ugagguuagguCuugua.....  | 12           | 1          | seq      |
| .....ugagggGaguagguuugua.....  | 49           | 1          | seq      |
| .....ugagguuagguuugGau.....  | 1            | 1          | seq      |
| .....ugagguuagguuugua.....   | 5268         | 0          | seq      |
| .....ugaCguuagguuugua.....   | 2            | 1          | seq      |
| .....ugagNuagguuugua.....  | 2            | 1          | seq      |
| .....ugagggAguagguuugua.....   | 3            | 1          | seq      |
| .....ugagguuagguuugua.....   | 2            | 1          | seq      |
| .....ugagguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuugua.....   | 7            | 1          | seq      |
| .....ugagguuagguuugua.....   | 1            | 1          | seq      |
| .....Ggagguuagguuugua.....   | 19           | 1          | seq      |
| .....Cgagguuagguuugua.....   | 2            | 1          | seq      |
| .....uUagguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuugua.....   | 2            | 1          | seq      |
| .....ugagguuagguuugua.....   | 4            | 1          | seq      |
| .....ugagguuagguuugGau.....  | 32           | 1          | seq      |
| .....ugagguuagguuuguaA.....  | 106          | 1          | seq      |
| .....ugagguuagguuuguaG.....  | 9            | 1          | seq      |
| .....ugagguuagguuuguaC.....  | 2            | 1          | seq      |
| .....ugagguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuugua.....   | 2            | 1          | seq      |
| .....ugGgguuagguuugua.....   | 7            | 1          | seq      |
| .....ugagguuagguuugua.....   | 6            | 1          | seq      |
| .....ugagguuagguCuugua.....  | 67           | 1          | seq      |
| .....ugagguuugguuugua.....   | 2            | 1          | seq      |
| .....ugagguuagguuugua.....   | 1            | 1          | seq      |
| .....ugagguuagguuugua.....   | 5            | 1          | seq      |
| .....ugagggGaguagguuugua.....  | 70           | 1          | seq      |
| .....ugagguuagguuugA.....  | 13           | 1          | seq      |
| .....ugUgguuagguuugua.....   | 2            | 1          | seq      |
| .....ugagguuagguuugua.....   | 63           | 1          | seq      |
| .....ugaAguuagguuugua.....   | 1            | 1          | seq      |
| .....Agagguuagguuugua.....   | 2            | 1          | seq      |
| .....ugagguuagguuuguaC.....  | 6            | 1          | seq      |
| .....ugagguuagguuugua.....   | 2            | 1          | seq      |
| .....ugagguuugguuugua.....   | 2            | 1          | seq      |
| .....ugCgguuagguuugua.....   | 1            | 1          | seq      |

Mature

Star

gcaacugcauguucccaggguagagguuagguuuguaaguuuagaauuauaucaaggaggagauaacuguaacagccuccuagcuuuccuugggccuugcaacaagcaacaugc

|  |        |   |     |
|--|--------|---|-----|
| .....ugagguagCagguuuguaauag.....       | 9      | 1 | seq |
| .....ugaggaagguagguuuguaauag.....      | 10     | 1 | seq |
| .....ugagguuagguuagguuuguaauag.....    | 46482  | 0 | seq |
| .....ugagguuagguuagguuugCauag.....     | 19     | 1 | seq |
| .....ugagguuGguagguuuguaauag.....      | 2      | 1 | seq |
| .....ugagguuagguuagguuuguaauag.....    | 30     | 1 | seq |
| .....ugagguuagguuagguuauauag.....      | 2      | 1 | seq |
| .....ugaggaCaguagguuuguaauag.....      | 50     | 1 | seq |
| .....ugagguuagguuagguuauauagu.....     | 7      | 1 | seq |
| .....ugagguuGguagguuuguaauagu.....     | 13     | 1 | seq |
| .....ugagCuaguagguuuguaauagu.....      | 1      | 1 | seq |
| .....ugaggaCaguagguuuguaauagu.....     | 222    | 1 | seq |
| .....ugagguuagguuagguuuguaauuGgu.....  | 3      | 1 | seq |
| .....uAagguuagguuagguuuguaauagu.....   | 6      | 1 | seq |
| .....ugagguuagguuagguuuguaauagA.....   | 1167   | 1 | seq |
| .....ugagguuagguuagguuuguaauCgu.....   | 2      | 1 | seq |
| .....ugagguuagguuagguuuguaauagC.....   | 36     | 1 | seq |
| .....Cgagguuagguuagguuuguaauagu.....   | 9      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 21     | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 5      | 1 | seq |
| .....ugaCguuagguuagguuuguaauagu.....   | 4      | 1 | seq |
| .....ugagguuauagguuuguaauagu.....      | 2      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 1      | 1 | seq |
| .....ugagguuagCagguuuguaauagu.....     | 21     | 1 | seq |
| .....ugagguuagguuagguuuguaauagG.....   | 78     | 1 | seq |
| .....ugUgguuagguuagguuuguaauagu.....   | 8      | 1 | seq |
| .....ugagguuagguuagguuuguaCagu.....    | 18     | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 6      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 20     | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 10     | 1 | seq |
| .....ugaggaCaguagguuuguaauagu.....     | 64     | 1 | seq |
| .....ugaggaagguuagguuuguaauagu.....    | 20     | 1 | seq |
| .....ugaAguuagguuagguuuguaauagu.....   | 11     | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 2      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 10     | 1 | seq |
| .....Cgagguuagguuagguuuguaauagu.....   | 52     | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 52     | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 4      | 1 | seq |
| .....ugagguuagguuagguuugGauagu.....    | 114    | 1 | seq |
| .....ugagguuagguuagguuuguaauaAu.....   | 15     | 1 | seq |
| .....ugGgguuagguuagguuuguaauagu.....   | 17     | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 7      | 1 | seq |
| .....uCagguuagguuagguuuguaauagu.....   | 2      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 2      | 1 | seq |
| .....ugagguuauagguuuguaauagu.....      | 4      | 1 | seq |
| .....ugagguuuguaauagguuuguaauagu.....  | 5      | 1 | seq |
| .....ugagguuagguuagguuugAauagu.....    | 45     | 1 | seq |
| .....ugagguuagguuagguuuguaauaAu.....   | 3      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 1      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 23     | 1 | seq |
| .....ugagguuagguuagguuuguaAagu.....    | 20     | 1 | seq |
| .....Agagguuagguuagguuuguaauagu.....   | 3      | 1 | seq |
| .....ugagguuagguuagguuugCauagu.....    | 65     | 1 | seq |
| .....uAagguuagguuagguuuguaauagu.....   | 1      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 569    | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 5      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 1      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 7      | 1 | seq |
| .....ugaUguuagguuagguuuguaauagu.....   | 4      | 1 | seq |
| .....ugagguuauagguuuguaauagu.....      | 9      | 1 | seq |
| .....ugCgguuagguuagguuuguaauagu.....   | 2      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 350310 | 0 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 26     | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 6      | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 2      | 1 | seq |
| .....ugagguuagguuagguuuguaGagu.....    | 114    | 1 | seq |
| .....ugagguuagguuagguuuguaauagu.....   | 3      | 1 | seq |
| .....ugagguuagguuagguuuguaAaguu.....   | 843    | 1 | seq |
| .....ugagguuauagguuuguaauaguu.....     | 45     | 1 | seq |
| .....ugagguuuguaauagguuuguaauaguu..... | 32     | 1 | seq |

Mature

Star

gcaacugcauguucccaggguagagguuagguuuguaaguuuagaauuauaucaaggaggagauaacuguaacagccuccuagcuuuccuugggcccugcaacaagcaacaugc

|                                   |         |   |     |
|-----------------------------------|---------|---|-----|
| .....uAagguuagguuuguaaguu.....    | 43      | 1 | seq |
| .....Cgagguuagguuuguaaguu.....    | 102     | 1 | seq |
| .....ugagguuCuagguuuguaaguu.....  | 35      | 1 | seq |
| .....ugaUgguuagguuuguaaguu.....   | 22      | 1 | seq |
| .....ugagguGguagguuuguaaguu.....  | 110     | 1 | seq |
| .....ugagCuagguuuguaaguu.....     | 23      | 1 | seq |
| .....ugagguuagguuNuuguaaguu.....  | 43      | 1 | seq |
| .....ugagguuagguuuguaaguuG.....   | 327     | 1 | seq |
| .....ugagguuagAagguuuguaaguu..... | 70      | 1 | seq |
| .....Agagguuagguuuguaaguu.....    | 30      | 1 | seq |
| .....ugagguuagguCuuguaaguu.....   | 4103    | 1 | seq |
| .....ugagguuagguuugCauaguu.....   | 338     | 1 | seq |
| .....ugagguuagguuuguaaguuC.....   | 846     | 1 | seq |
| .....Ggagguuagguuuguaaguu.....    | 334     | 1 | seq |
| .....ugagguuagguuuguaaAu.....     | 49      | 1 | seq |
| .....ugagguuagguCuuguaaguu.....   | 141     | 1 | seq |
| .....ugagguuagguGguuuguaaguu..... | 116     | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 58      | 1 | seq |
| .....ugagguuagguuuguaagGu.....    | 63      | 1 | seq |
| .....ugagUuagguuuguaaguu.....     | 54      | 1 | seq |
| .....ugagguuagguuuguaagAu.....    | 81      | 1 | seq |
| .....ugGguuagguuuguaaguu.....     | 134     | 1 | seq |
| .....ugagguuagguuuguaaUuu.....    | 33      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 29      | 1 | seq |
| .....ugagguuagguuCuaguu.....      | 36      | 1 | seq |
| .....ugagAuagguuuguaaguu.....     | 45      | 1 | seq |
| .....ugagguuagguuuguaaguuA.....   | 5667    | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 5       | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 65      | 1 | seq |
| .....ugagguuagguuugAauaguu.....   | 324     | 1 | seq |
| .....ugagguuagguuuguaaCu.....     | 3       | 1 | seq |
| .....ugUgguuagguuuguaaguu.....    | 43      | 1 | seq |
| .....ugaAguuagguuuguaaguu.....    | 65      | 1 | seq |
| .....ugagguuagguuuguaGaguu.....   | 2823    | 1 | seq |
| .....ugaggCaguagguuuguaaguu.....  | 447     | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 74      | 1 | seq |
| .....ugagguuagguuugCuaguu.....    | 48      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 71      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 10      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 24      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 10      | 1 | seq |
| .....ugagguuagguuuguaagCu.....    | 213     | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 8       | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 9       | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 184     | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 52      | 1 | seq |
| .....ugCgguuagguuuguaaguu.....    | 5       | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 806     | 1 | seq |
| .....ugaggAguagguuuguaaguu.....   | 144     | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 5       | 1 | seq |
| .....uUagguuagguuuguaaguu.....    | 22      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 28      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 16      | 1 | seq |
| .....ugaggGaguagguuuguaaguu.....  | 1863    | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 2553117 | 0 | seq |
| .....ugagguuagguuuguaaguu.....    | 17      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 184     | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 27      | 1 | seq |
| .....ugaCguuagguuuguaaguu.....    | 16      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 38      | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 8       | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 361     | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 862     | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 38      | 1 | seq |
| .....uCagguuagguuuguaaguu.....    | 16      | 1 | seq |
| .....Ggagguuagguuuguaaguu.....    | 8       | 1 | seq |
| .....ugagguuagguuuguaaAu.....     | 3       | 1 | seq |
| .....ugagUuagguuuguaaguu.....     | 1       | 1 | seq |
| .....ugagguuagguuuguaaguu.....    | 18      | 1 | seq |
| .....ugagguuagguuuguaagCu.....    | 3       | 1 | seq |

Mature

Star

| Sequence  | Count  | Category | Type |
|---|--------|----------|------|
| gcaacugcauguucccagguugagguuagguuuguaaguuuagaauuauaucaagggagauaacugucagccuccuagcuuuccuugggccuugcaacaagcaacaugc |        |          |      |
| .....ugagguuagguuuguaaguuuC.....  | 1806   | 1        | seq  |
| .....ugagguuagCagguuuguaaguuu.....  | 3      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 26     | 1        | seq  |
| .....ugagguuagCgguuuguaaguuu.....   | 2      | 1        | seq  |
| .....ugaagguuagguuuguaaguuu.....  | 2      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 7      | 1        | seq  |
| .....ugaUguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuaguaUguuuguaaguuu.....  | 1      | 1        | seq  |
| .....Cgagguuagguuuguaaguuu.....   | 3      | 1        | seq  |
| .....ugagguuagguUuuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuCu.....  | 84     | 1        | seq  |
| .....ugagguuagguCuguaaguuu.....   | 4      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 77     | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugGgguuagguuuguaaguuu.....   | 3      | 1        | seq  |
| .....ugagguuagguuCuuaaguuu.....   | 2      | 1        | seq  |
| .....ugagguuagguuuguaaguuCuuuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuCuuaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuuu.....  | 3      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 2      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 270    | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 7      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 8120   | 1        | seq  |
| .....ugagguuagguuuguaaguuuA.....  | 107301 | 1        | seq  |
| .....ugagguuugguuuguaaguuu.....   | 3      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 26     | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 2      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 3894   | 1        | seq  |
| .....ugagguuugguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 12     | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 12     | 1        | seq  |
| .....ugagguuugguuuguaaguuu.....   | 1      | 1        | seq  |
| .....Agagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 19     | 1        | seq  |
| .....ugagguuugguuuguaaguuu.....   | 3      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 57     | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 2      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 76800  | 0        | seq  |
| .....ugagguuugguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 241    | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuugguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 3      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 3      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuugguuuguaaguuu.....   | 25     | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 945    | 0        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 13     | 1        | seq  |
| .....Ggagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 202    | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 2      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuCa.....  | 45     | 1        | seq  |
| .....ugagguuagguuuguaaguuuC.....  | 24     | 1        | seq  |
| .....ugGgguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 163    | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 5      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 1      | 1        | seq  |
| .....uagguuagguuuguaaguuu.....  | 1      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 9      | 1        | seq  |
| .....ugagguuagguuuguaaguuu.....   | 2      | 1        | seq  |

Mature

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|   |      |   |     |
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| gcaacugcauguucccagguugagguaguagguuguauguuuagaauuuaucaaggaggagauaacuguaacagccuccuagcuuuccuugggcccugcaacaagcaacaugc |      |   |     |
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| .....ugagguaguagguuguaGaguuuA.....  | 2    | 1 | seq |
| .....ugagguaguagguuguauguuAa.....   | 3927 | 1 | seq |
| .....ugagguaguagguuguauguuGag.....  | 2    | 1 | seq |
| .....ugagguaguagguuguauguuUg.....   | 7    | 1 | seq |
| .....ugagguaguagguuguauguuAa.....   | 21   | 1 | seq |
| .....ugagguaguagguuguauguuuA.....   | 7    | 1 | seq |
| .....ugagguaguagguuguauguuAag.....  | 25   | 1 | seq |
| .....ugagguaguagguuguauguuuag.....  | 3    | 0 | seq |
| .....ugagguaguagguuguauguuuA.....   | 24   | 1 | seq |
| .....ugagguaguagguuguauguuAaga.....   | 4    | 1 | seq |
| .....ugagguaguagguuguauguuuaga.....   | 1    | 0 | seq |
| .....ugagguaguagguuguauguuuAa.....  | 4    | 1 | seq |
| .....ugagguaguagguuguauguuuagU.....   | 1    | 1 | seq |
| .....ugagguaguagguuguauguuuGga.....   | 10   | 1 | seq |
| .....ugagguaguagguuguauguuuUga.....   | 1    | 1 | seq |
| .....ugagguaguagguuguauguuuGgaa.....  | 25   | 1 | seq |
| .....ugagguaguagguuguauguuAagaa.....  | 1    | 1 | seq |
| .....ugagguaguagguuguauguuuAaa.....   | 1    | 1 | seq |
| .....ugagguaguagguuguauguuuGgaa.....  | 5    | 1 | seq |
| .....ugagguaguagguuguauguuuGgaa.....  | 20   | 1 | seq |
| .....gagguaguagguugua.....  | 27   | 0 | seq |
| .....gagguaguagguugua.....  | 29   | 0 | seq |
| .....gGguaguagguugua.....   | 1    | 1 | seq |
| .....gagguaguagCuugua.....  | 2    | 1 | seq |
| .....gagUuaguagguugua.....  | 1    | 1 | seq |
| .....gaggGaguagguugua.....  | 1    | 1 | seq |
| .....gagguaguagguugua.....  | 474  | 0 | seq |
| .....gaggCaguagguugua.....  | 2    | 1 | seq |
| .....gagguaguagguugGau.....   | 3    | 1 | seq |
| .....gagguaguagguugGau.....   | 2    | 1 | seq |
| .....gagguaguagguugua.....  | 1047 | 0 | seq |
| .....gagguagCagguugua.....  | 1    | 1 | seq |
| .....gagguaguagguugCu.....  | 1    | 1 | seq |
| .....Uagguaguagguugua.....  | 1    | 1 | seq |
| .....gaggCaguagguugua.....  | 2    | 1 | seq |
| .....gaggGaguagguugua.....  | 4    | 1 | seq |
| .....gagguGguagguugua.....  | 1    | 1 | seq |
| .....gagUuaguagguugua.....  | 1    | 1 | seq |
| .....gaggAaguagguugua.....  | 4    | 1 | seq |
| .....gagguaguagguuguaC.....   | 1    | 1 | seq |
| .....gagguCguagguugua.....  | 3    | 1 | seq |
| .....Uagguaguagguugua.....  | 1    | 1 | seq |
| .....gGguaguagguugua.....   | 1    | 1 | seq |
| .....gaggCaguagguugua.....  | 5    | 1 | seq |
| .....gagguaguagguugua.....  | 1    | 1 | seq |
| .....gagguaguagguuguaC.....   | 3    | 1 | seq |
| .....gaggGaguagguugua.....  | 28   | 1 | seq |
| .....gagguaguagCuugua.....  | 3    | 1 | seq |
| .....gagguaguagguugCu.....  | 13   | 1 | seq |
| .....gagguagCagguugua.....  | 1    | 1 | seq |
| .....gagguaguagguugua.....  | 3    | 1 | seq |
| .....gagguaguagUuugua.....  | 1    | 1 | seq |
| .....gagguaguagguugGau.....   | 2    | 1 | seq |
| .....gagguagAagguugua.....  | 1    | 1 | seq |
| .....gaUuaguagguugua.....   | 1    | 1 | seq |
| .....gagguaguagguugGua.....   | 1    | 1 | seq |
| .....gagguaguagguuguaA.....   | 12   | 1 | seq |
| .....gagguaguagguugua.....  | 7239 | 0 | seq |
| .....gagguaguagguugAa.....  | 4    | 1 | seq |
| .....gagguaguagguuguaG.....   | 1    | 1 | seq |
| .....gagguaguagguugCu.....  | 1    | 1 | seq |
| .....gagguagGagguugua.....  | 23   | 1 | seq |
| .....gagguaguagguuguaC.....   | 3    | 1 | seq |
| .....gagguaguagguuguaG.....   | 12   | 1 | seq |
| .....gaggGaguagguugua.....  | 1    | 1 | seq |
| .....gagguaguagguugua.....  | 342  | 1 | seq |
| .....gagguaguagguugua.....  | 177  | 0 | seq |
| .....gagguagGagguugua.....  | 1    | 1 | seq |
| .....gagguaguagguuguaA.....   | 9    | 1 | seq |

Mature

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| .....gagguaguagguuuguaaguuuGga.....   | 1     | 1 | seq |
| .....agguaguagCuuguaa.....  | 1     | 1 | seq |
| .....agguaguagguuuguaa.....   | 12    | 0 | seq |
| .....agUuaguagguuuguaag.....  | 1     | 1 | seq |
| .....agguaguagGuguaag.....  | 1     | 1 | seq |
| .....agguagAagguuuguaag.....  | 1     | 1 | seq |
| .....agguaguagguuuguaag.....  | 83    | 0 | seq |
| .....agguaguagguuuguaaguu.....  | 600   | 0 | seq |
| .....agUuaguagguuuguaaguu.....  | 1     | 1 | seq |
| .....agguaguagCuuguaaguu.....   | 1     | 1 | seq |
| .....agguaguagguuuguaagA.....   | 1     | 1 | seq |
| .....agguaguagguuuguaCaguu.....   | 2     | 1 | seq |
| .....aUguaguagguuuguaaguu.....  | 1     | 1 | seq |
| .....agUuaguagguuuguaaguu.....  | 12    | 1 | seq |
| .....agguaguagguugGauaguu.....  | 2     | 1 | seq |
| .....agguaguagguuuguaaguuG.....   | 3     | 1 | seq |
| .....agguaguagguuugCuaguu.....  | 2     | 1 | seq |
| .....agguaguagguuuguaaguuA.....   | 15    | 1 | seq |
| .....agguaguagguuuguaGaguu.....   | 5     | 1 | seq |
| .....Uggguaguagguuuguaaguu.....   | 1     | 1 | seq |
| .....Gggguaguagguuuguaaguu.....   | 1     | 1 | seq |
| .....agguaguagCuuguaaguu.....   | 5     | 1 | seq |
| .....agguaguagguuuguaaguu.....  | 4362  | 0 | seq |
| .....agguaguagguuuguaAaguu.....   | 5     | 1 | seq |
| .....agguaguagguuuguaaguuG.....   | 3     | 1 | seq |
| .....agUuaguagguuuguaaguuu.....   | 1     | 1 | seq |
| .....agguaguagguuuguaaguuu.....   | 150   | 0 | seq |
| .....agguaguagguuuguaaguuA.....   | 129   | 1 | seq |
| .....agguaguagguuuguaaguuC.....   | 3     | 1 | seq |
| .....agguagGagguuuguaaguuu.....   | 17    | 1 | seq |
| .....agguaguagguuuguaaguuGa.....  | 3     | 1 | seq |
| .....agguaguagguuuguaaguuAa.....  | 3     | 1 | seq |
| .....gguaguagguugGauag.....   | 3     | 1 | seq |
| .....gguaguagguuuguaaU.....   | 1     | 1 | seq |
| .....gguaguagguuugGuaag.....  | 1     | 1 | seq |
| .....gguaguagguuuguaag.....   | 651   | 0 | seq |
| .....gguaguagCuuguaag.....  | 4     | 1 | seq |
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| .....gguagAagguuuguaag.....   | 1     | 1 | seq |
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| .....gguaguagCuuguaaguu.....  | 6     | 1 | seq |
| .....gguaguagGuguaaguu.....   | 10    | 1 | seq |
| .....gguaguagguuugAuaaguu.....  | 2     | 1 | seq |
| .....gguaguagguuugGuaaguu.....  | 3     | 1 | seq |
| .....gguaguagGuguaaguu.....   | 1     | 1 | seq |
| .....gguaguagGuaaguu.....   | 1     | 1 | seq |
| .....Cguaguagguuuguaaguu.....   | 1     | 1 | seq |
| .....gguagAagguuuguaaguu.....   | 1     | 1 | seq |
| .....gguaAaagguuuguaaguu.....   | 1     | 1 | seq |
| .....gguaguagguuuguaaguuA.....  | 22    | 1 | seq |
| .....gguuUguagguuuguaaguu.....  | 1     | 1 | seq |
| .....gguaguagguuuguaAaguu.....  | 2     | 1 | seq |
| .....gguaguagguuuguaaguu.....   | 17283 | 0 | seq |
| .....gguaguagguuuguuaguu.....   | 2     | 1 | seq |
| .....gguagCagguuuguaaguu.....   | 1     | 1 | seq |
| .....gguaguagguuugGuaaguu.....  | 2     | 1 | seq |
| .....gguuGguagguuuguaaguu.....  | 1     | 1 | seq |
| .....gUuaguagguuuguaaguu.....   | 3     | 1 | seq |
| .....ggGaguagguuuguaaguu.....   | 6     | 1 | seq |
| .....Uguaguagguuuguaaguu.....   | 1     | 1 | seq |
| .....gguaguagguuugAuaaguu.....  | 10    | 1 | seq |
| .....gguaguagguuugGuaaguu.....  | 21    | 1 | seq |
| .....gguaguagguuuguaCaguu.....  | 6     | 1 | seq |
| .....gguaguagGuguaaguu.....   | 1     | 1 | seq |
| .....gguaguagGuguaaguu.....   | 63    | 1 | seq |

Mature

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| .....gguaguagguuguaGaguu.....    | 6    | 1 | seq |
| .....gguaguagguuguaaguuG.....    | 2    | 1 | seq |
| .....gguagUuagguuguaaguu.....    | 1    | 1 | seq |
| .....gguaguagCuuguaaguu.....     | 22   | 1 | seq |
| .....gguaguagguuguaaguuG.....    | 4    | 1 | seq |
| .....gguaguGgguguaaguu.....      | 5    | 1 | seq |
| .....gguaguagguuguaCuaguu.....   | 2    | 1 | seq |
| .....gguaguagguuguaCguu.....     | 4    | 1 | seq |
| .....gguaguaAguuguaaguu.....     | 1    | 1 | seq |
| .....gguaguagguuguaaguuA.....    | 1    | 1 | seq |
| .....gguaguagguuguaaguuA.....    | 840  | 1 | seq |
| .....gguaguagguuguaaguu.....     | 1    | 1 | seq |
| .....gguaguagguuguaaguuG.....    | 24   | 1 | seq |
| .....gguaguagguuguaaguuC.....    | 12   | 1 | seq |
| .....gguaguagguugGauaguu.....    | 1    | 1 | seq |
| .....gguagGagguuguaaguu.....     | 68   | 1 | seq |
| .....gguaguagguuguaaguu.....     | 585  | 0 | seq |
| .....gguaguagguuguaaguuua.....   | 6    | 0 | seq |
| .....gguaguagguuguaaguuA.....    | 18   | 1 | seq |
| .....gguaguagAuuguaaguuua.....   | 2    | 1 | seq |
| .....gguaguagguuguaaguuGa.....   | 6    | 1 | seq |
| .....gguaguagguuguaaguuuGga..... | 1    | 1 | seq |
| .....guaguagguugGauaguu.....     | 1    | 1 | seq |
| .....guaguagguuguaaguu.....      | 1    | 1 | seq |
| .....guaguagguCguuaaguu.....     | 1    | 1 | seq |
| .....guaguaggGuguaaguu.....      | 1    | 1 | seq |
| .....guaguCgguguaaguu.....       | 1    | 1 | seq |
| .....guaguaggAuuguaaguu.....     | 1    | 1 | seq |
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| .....guauagguuguaaguu.....       | 1    | 1 | seq |
| .....guaguaggGuguaaguu.....      | 8    | 1 | seq |
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| .....guaguagguuuUuaaguu.....     | 1    | 1 | seq |
| .....guaguagguuguaCguu.....      | 6    | 1 | seq |
| .....guaguagguuguaaguuG.....     | 1    | 1 | seq |
| .....guaguagCuuguaaguu.....      | 3    | 1 | seq |
| .....guaguagguugGauaguu.....     | 2    | 1 | seq |
| .....guaguagguuguaAaguu.....     | 2    | 1 | seq |
| .....guaguCgguguaaguu.....       | 3    | 1 | seq |
| .....Uuaguagguuguaaguu.....      | 4    | 1 | seq |
| .....guaguagguuguaaguu.....      | 3    | 1 | seq |
| .....guagCagguuguaaguu.....      | 1    | 1 | seq |
| .....guaguagguuguaaguuA.....     | 5    | 1 | seq |
| .....guagGagguuguaaguu.....      | 10   | 1 | seq |
| .....guaguagguuguaaguuG.....     | 2    | 1 | seq |
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| .....guaguagguuguaaguuA.....     | 81   | 1 | seq |
| .....guagGagguuguaaguuua.....    | 1    | 1 | seq |
| .....guaguagguuguaaguuGa.....    | 1    | 1 | seq |
| .....guaguagguuguaaguuua.....    | 1    | 0 | seq |
| .....guaguagguuguaaguuA.....     | 2    | 1 | seq |
| .....uaguagCuuguaaguu.....       | 2    | 1 | seq |
| .....uaguagguugGauaguu.....      | 2    | 1 | seq |
| .....uaguagguuguaaguuA.....      | 2    | 1 | seq |
| .....uaguagguuguaCguu.....       | 1    | 1 | seq |
| .....uaguUgguguaaguu.....        | 1    | 1 | seq |
| .....uagAagguuguaaguu.....       | 1    | 1 | seq |
| .....uaguagguuguaaguu.....       | 21   | 1 | seq |
| .....Gaguagguuguaaguu.....       | 1    | 1 | seq |
| .....uaguagguuguaaguu.....       | 20   | 1 | seq |
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| .....uaguagguuguaaguuG.....      | 1    | 1 | seq |
| .....uagGagguuguaaguu.....       | 6    | 1 | seq |
| .....uaguagguuguaaguuG.....      | 1    | 1 | seq |
| .....uaguagguuguaaguu.....       | 24   | 0 | seq |
| .....uaguagguuguaaguuA.....      | 32   | 1 | seq |
| .....uaguagguuguaaguuGa.....     | 1    | 1 | seq |



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|  |    |   |     |
|--|----|---|-----|
| gcaacugcauguucccagguugagguaguagguuguaaguuagaauuauaucaagggagauaacugucagccuccuagcuuuccuugggccuugcacaagcaacaugc |    |   |     |
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| .....aguagguuguaauaguuC.....   | 2  | 1 | seq |
| .....aguagguugAauaguuu.....  | 1  | 1 | seq |
| .....aguagCuuguaauaguuu.....   | 1  | 1 | seq |
| .....agGagguuguaauaguuu.....   | 27 | 1 | seq |
| .....aguagggCuguaauaguuu.....  | 1  | 1 | seq |
| .....aguagguuguaauaguuG.....   | 4  | 1 | seq |
| .....aguagguuguaauaguuu.....   | 98 | 0 | seq |
| .....aguagguuguaauaguuGa.....  | 2  | 1 | seq |
| .....aguagguuguaauaguuAa.....  | 3  | 1 | seq |
| .....agGagguuguaauaguuua.....  | 1  | 1 | seq |
| .....aguagguuguaauaguuua.....  | 8  | 0 | seq |
| .....gGagguuguaauaguuua.....   | 1  | 1 | seq |
| .....guagguuguaauaguuAa.....   | 1  | 1 | seq |
| .....guagguuguaauaguuuGgaa.....  | 1  | 1 | seq |
| .....uacGgccuccuagcuuuccu.....   | 1  | 1 | seq |
| .....cGgccuccuagcuuuccu.....   | 1  | 1 | seq |
| .....Ggccuccuagcuuuccu.....  | 1  | 1 | seq |