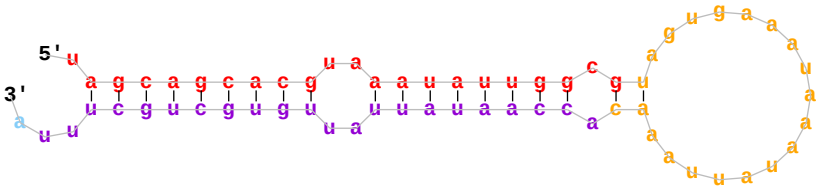
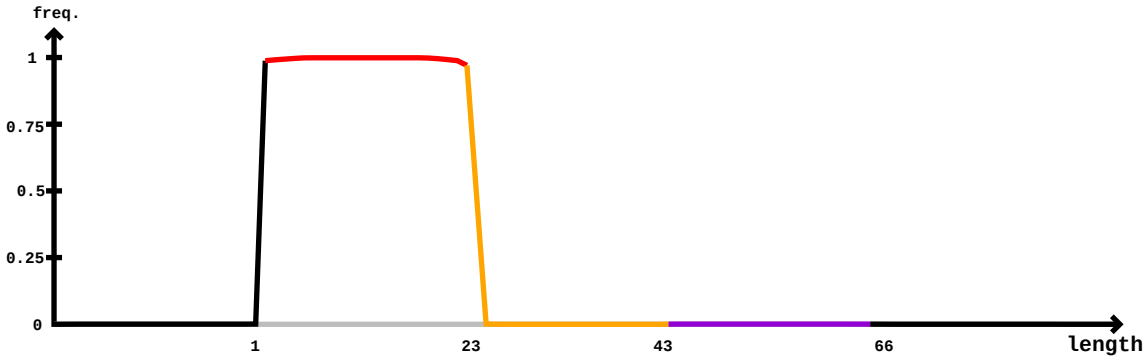
Provisional ID	:	ESP_1_46
Score total	:	86408.5
Score for star read(s)	:	3.9
Score for read counts	:	86401.7
Score for mfe	:	1.3
Score for randfold	:	1.6
Score for cons. seed	:	
Total read count	:	169485
Mature read count	:	169389
Loop read count	:	0
Star read count	:	96





Mature Star

```
5'- cugacauacuuguuccgcucuagcagcacguaaauauuggcguagugaaauaaauauuaaacaccaauauuauugugcugcuuuagugugacagggauauagcaacuau  -3'   obs
    cugacauacuuguuccgcucuagcagcacguaaauauuggcguagugaaauaaauauuaaacaccaauauuauugugcugcuuuagugugacagggauauagcaacuau        exp
    ........((((((.((((..(((((((((..((((((((.((.................)).)))))))).))))))))).))))).))))))..............  reads   mm   sample
    cugacGuacuuguuccg.......................................................................................  1       1    seq
    cugacGuacuuguuccgcuc....................................................................................  51      1    seq
    cugacGuacuuguuccgcucu...................................................................................  3       1    seq
    .ugacGuacuuguuccgcuc....................................................................................  6       1    seq
    ..gacGuacuuguuccgcuc....................................................................................  3       1    seq
    ...acGuacuuguuccgcuc....................................................................................  3       1    seq
    ...............cgAucuagcagcacguaaauauuggcg...............................................................  2       1    seq
    ..................cuagcagcacguaaauauugg.................................................................  1       0    seq
    ..................cuagcagcacguaaauauuggc................................................................  1       0    seq
    ..................Guagcagcacguaaauauuggc................................................................  2       1    seq
    ..................Guagcagcacguaaauauuggcg...............................................................  4       1    seq
    ..................cuagcagcacguaaCuauuggcg...............................................................  1       1    seq
    ..................cuagcagcacguCaauauuggcg................................................................  2       1    seq
    ..................cuagcagcacguaaaGauuggcg................................................................  1       1    seq
    ..................cuagcagcacguaaauauuggcg................................................................  38      0    seq
    ...................uagcagcacguCaauau.....................................................................  6       1    seq
    ...................uagcagcacguaaCuau.....................................................................  1       1    seq
    ...................uagcagcacguaaauau.....................................................................  133     0    seq
    ...................uagcagcacguaCauau.....................................................................  15      1    seq
    ...................uagcagcacguaaauCu......................................................................  6       1    seq
    ...................uagcagcacguaCauauu.....................................................................  11      1    seq
    ...................uagcagcacguaaauauG.....................................................................  1       1    seq
    ...................uagcagcacguaaCuauu.....................................................................  2       1    seq
    ...................uagcagcacguaaauauC.....................................................................  1       1    seq
    ...................uagcagcacguGaauauu.....................................................................  3       1    seq
    ...................Aagcagcacguaaauauu.....................................................................  1       1    seq
    ...................uagcagcacguaGauauu.....................................................................  3       1    seq
    ...................uagcagcacguaaauCuu.....................................................................  7       1    seq
    ...................uagcagcacguCaauauu.....................................................................  29      1    seq
    ...................uagcagcacguaaauauu.....................................................................  351     0    seq
    ...................uagcagcacguaaauGuug....................................................................  1       1    seq
    ...................uagcagcacgGaaauauug....................................................................  1       1    seq
    ...................uagcagcacguaaCuauug....................................................................  1       1    seq
```

Mature Star

cugacauacuuguuccgcucuagcagcacguaaaauauuggcguagugaaauaaaauauuaaacaccaauauuauugugcugcuuuagugugacagggauauagcaacuau

.....uagcagcacguaGauauug.....	4	1	seq
.....uagcagcacguaCauauug.....	14	1	seq
.....uagcagcacguaaauCuug.....	2	1	seq
.....uagcagcacgCaaauauug.....	1	1	seq
.....uagcagcacgAaaauauug.....	1	1	seq
.....uagcagcacguaaauauug.....	538	0	seq
.....uaUcagcacguaaauauug.....	1	1	seq
.....uagcagcacguCaauauug.....	14	1	seq
.....uagcagcacguUaauauug.....	1	1	seq
.....uagcagcacguaGauauugg.....	1	1	seq
.....uagcagcacguCaauauugg.....	11	1	seq
.....uagcagAacguaaauauugg.....	1	1	seq
.....uagcagcacguaaauauugg.....	560	0	seq
.....uagcagcacgGaaauauugg.....	1	1	seq
.....uagcagcacguaaauGuugg.....	2	1	seq
.....uagcagcacguaaGuauugg.....	1	1	seq
.....uagcagcacguaaauCuugg.....	14	1	seq
.....uagcagcGcguaaaauauugg.....	1	1	seq
.....uagcagcacguaCauauugg.....	22	1	seq
.....uagcagcacAuaaauauugg.....	1	1	seq
.....uaUcagcacguaaaauauugg.....	2	1	seq
.....uagcagcGcguaaaauauuggc.....	1	1	seq
.....uagcagcacguGaauauuggc.....	1	1	seq
.....uagcagcacguaCauauuggc.....	74	1	seq
.....uagUagcacguaaaauauuggc.....	2	1	seq
.....uagcagcacguaaaauauuggc.....	2768	0	seq
.....uagcagcacguaGauauuggc.....	1	1	seq
.....uagcagcacguaaaauauuggG.....	1	1	seq
.....uagcagcacguaaauCuuggc.....	53	1	seq
.....uagcagAacguaaaauauuggc.....	1	1	seq
.....uagcagcacguaaaauauugAc.....	1	1	seq
.....uagcagcacguaaCuauuggc.....	4	1	seq
.....uagcagcacguNaauauuggc.....	1	1	seq
.....uagcagcacguaaaauauuggA.....	7	1	seq
.....uagcagcacguaaaauauCggc.....	1	1	seq
.....uagcagcacguaaauUuuggc.....	1	1	seq
.....uagcagcacguCaauauuggc.....	66	1	seq
.....uaAcagcacguaaaauauuggcg.....	14	1	seq
.....uagcagAacguaaaauauuggcg.....	2	1	seq
.....uagcNgcacguaaaauauuggcg.....	1	1	seq
.....uagcaUcacguaaaauauuggcg.....	5	1	seq
.....uagcaCcacguaaaauauuggcg.....	1	1	seq
.....uagcagcacguaaaauauugAcg.....	3	1	seq
.....uagcagcacguaaaauaGuggcg.....	9	1	seq
.....Cagcagcacguaaaauauuggcg.....	20	1	seq
.....uagcagcacguaaNuauuggcg.....	1	1	seq
.....uagcagcacguaaaAauuggcg.....	14	1	seq
.....uagcagUacguaaaauauuggcg.....	3	1	seq
.....uagcagcacguaUauauuggcg.....	8	1	seq
.....uagcagcUcguaaaauauuggcg.....	1	1	seq
.....uagcagcacguaaaauauuggUg.....	8	1	seq
.....uagcagcacguaaaauauugUcg.....	2	1	seq
.....uagcagcacguaaaauauuggAg.....	7	1	seq
.....uagcagcacAuaaaauauuggcg.....	18	1	seq
.....uagcagcacgCaaauauuggcg.....	11	1	seq
.....uagcagcaGguaaaauauuggcg.....	1	1	seq
.....uagcUgcacguaaaauauuggcg.....	1	1	seq
.....uagcagcacguaaaauauAggcg.....	68	1	seq
.....uagcGgcacguaaaauauuggcg.....	14	1	seq
.....uagGagcacguaaaauauuggcg.....	26	1	seq
.....uagcagcacguaaGuauuggcg.....	6	1	seq
.....uagcagcacguaaCuauuggcg.....	371	1	seq
.....Aagcagcacguaaaauauuggcg.....	4	1	seq
.....uagcagcacguaaaauaCggcg.....	66	1	seq
.....uagcagcacguaaaauauuggGg.....	3	1	seq
.....uagcagcacguaaaauauuggcA.....	61	1	seq
.....uagcagcacguCaauauuggcg.....	3518	1	seq
.....uagcagcacguaaauCuuggcg.....	3180	1	seq
.....uagcagcacguaaauaCuggcg.....	13	1	seq
.....uagcagcacguNaauauuggcg.....	3	1	seq

Mature Star

cugacauacuuguuccgcucuagcagcacguaaaauauuggcguagugaaauaaaauauuaaacaccaauauuauugugcugcuuuagugugacagggauauagcaacuau

.....uagcagcacguaaaauauuggcC.....	9	1	seq
.....uaUcagcacguaaaauauuggcg.....	22	1	seq
.....uagcagcacguaaaauauuUgcg.....	4	1	seq
.....uagcagcacguaGauauuggcg.....	19	1	seq
.....uagcagcaUguaaaauauuggcg.....	10	1	seq
.....uagcagcacguaaUuauuggcg.....	8	1	seq
.....uagAagcacguaaaauauuggcg.....	11	1	seq
.....uagcagcaAguaaaauauuggcg.....	2	1	seq
.....uagcagcacguaaaauauuggcU.....	14	1	seq
.....uagcagcacguaCauauuggcg.....	3460	1	seq
.....uagUagcacguaaaauauuggcg.....	10	1	seq
.....uagcagcacguaaaauauuAgcg.....	5	1	seq
.....uaCcagcacguaaaauauuggcg.....	8	1	seq
.....uagcagcacguaaaauauGggcg.....	157	1	seq
.....uagcagcacguaaauGuuggcg.....	83	1	seq
.....uagcagcGcguaaaauauuggcg.....	14	1	seq
.....uagcagcacguaaauaAuggcg.....	19	1	seq
.....uagcagcacguGaauauuggcg.....	24	1	seq
.....uagcaAcacguaaaauauuggcg.....	5	1	seq
.....uagcagcacguaaauUuuggcg.....	22	1	seq
.....uagcagcacgGaaauauuggcg.....	1	1	seq
.....uagcagcacCuaaaauauuggcg.....	6	1	seq
.....uGgcagcacguaaaauauuggcg.....	18	1	seq
.....uagcagcacguUaauauuggcg.....	4	1	seq
.....uUgcagcacguaaaauauuggcg.....	2	1	seq
.....Gagcagcacguaaaauauuggcg.....	66	1	seq
.....uagcagcacguaaaauauuggcg.....	147854	0	seq
.....uagcagcacguaaaCauuggcg.....	6	1	seq
.....uagcagcacUuaaaauauuggcg.....	1	1	seq
.....uagcagcacgAaaaauauuggcg.....	3	1	seq
.....uagcCgcacguaaaauauuggcg.....	1	1	seq
.....uagcagcCcguaaaauauuggcg.....	1	1	seq
.....uagcagcacguaaCuauuggcgu.....	3	1	seq
.....uagcagcacguaaaauauuggcgA.....	127	1	seq
.....uagcagcacguGaauauuggcgu.....	1	1	seq
.....uagcagcaUguaaaauauuggcgu.....	1	1	seq
.....uagcagcacguaaauCuuggcgu.....	54	1	seq
.....uagcagGacguaaaauauuggcgu.....	1	1	seq
.....uagcagcacCuaaaauauuggcgu.....	2	1	seq
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.....uagcagcacguaaaauauuggcgu.....	2878	0	seq
.....Gagcagcacguaaaauauuggcgu.....	2	1	seq
.....uagcagcacguaGauauuggcgu.....	1	1	seq
.....uagcagcacguaaaauauuggcgG.....	8	1	seq
.....uagcagcacguCaauauuggcgu.....	73	1	seq
.....uagcagcacguaaaauauuggAgu.....	2	1	seq
.....uagcagcacguaCauauuggcgu.....	84	1	seq
.....uagcagcacguaaaauaAggcgu.....	3	1	seq
.....uagcagcacguaaaauauuggcgC.....	9	1	seq
.....uagcagcacgCaaauauuggcgu.....	1	1	seq
.....uagcagcGcguaaaauauuggcgu.....	2	1	seq
.....uagcGgcacguaaaauauuggcgu.....	1	1	seq
.....uaUcagcacguaaaauauuggcgu.....	2	1	seq
.....uagcagcacguaaaauauCggcgu.....	1	1	seq
.....uagcagcacguaaaauauuggcCu.....	1	1	seq
.....uagcagcacguaaauUuuggcgu.....	1	1	seq
.....uagcagcacguCaauauuggcgua.....	1	1	seq
.....uagcagcacguaaaauauuggcgAa.....	1	1	seq
.....uagcagcacguaaaauauuggcgua.....	14	0	seq
.....uagcagcacguaaaauauuggcgGa.....	92	1	seq
.....uagcagcacguaaaauauuggcguC.....	3	1	seq
.....uagcagcacguaaaauauuggcguG.....	4	1	seq
.....uagcagcacguaaauCuuggcgua.....	1	1	seq
.....uagcagcacguaaaauauuggcguGg.....	5	1	seq
.....uagcagcacguaaaauauuggcguUg.....	1	1	seq
.....uagcagcacguaaaauauuggcguaC.....	7	1	seq
.....uagcagcacguaaaauauuggcguaU.....	7	1	seq

Mature Star

cugacauacuuguuccgcucuagcagcacguaaaauauuggcguagugaaauaaauauuaaaccaccaauauuauugugcugcuuuagugugacagggauauagcaacuau

.....uagcagcacguaaaauauuggcguaA.....	1	1	seq
.....uagcagcacguaaaauauuggcguaUu.....	1	1	seq
.....uagcagcacguaaaauauuggcguagu.....	2	0	seq
.....uagcagcacguaaaauauuggcgGagu.....	1	1	seq
.....agcagcacguaCauauu.....	1	1	seq
.....agcagcacguaaaauauu.....	3	0	seq
.....agcagcacguaaaauauug.....	5	0	seq
.....agcagcacguaaaauauugg.....	16	0	seq
.....agAagcacguaaaauauugg.....	1	1	seq
.....agcagcacguaaaauauuggc.....	2	0	seq
.....agcagcacguaGauauuggcg.....	1	1	seq
.....agcagcacgCaaauauuggcg.....	1	1	seq
.....agcagcacguCaauauuggcg.....	9	1	seq
.....agcagcacguaCauauuggcg.....	9	1	seq
.....agcagcacguaaaauauuggcg.....	476	0	seq
.....agcagcacguaaauaCuggcg.....	1	1	seq
.....agcagcacgGaaauauuggcg.....	1	1	seq
.....agcagcaUguaaaauauuggcg.....	1	1	seq
.....agcagcacguaaauCuuggcg.....	4	1	seq
.....agcagcacguaaaauauuggAg.....	1	1	seq
.....agcagcacguaaCuauuggcg.....	1	1	seq
.....agcagcacguaaaauauuggcgu.....	10	0	seq
.....agcagcacguaCauauuggcgu.....	1	1	seq
.....agcagcacguaaCuauuggcgu.....	1	1	seq
.....gcagcacguaaaauauug.....	2	0	seq
.....gcagcacguCaauauug.....	3	1	seq
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.....gcagcacguGaauauugg.....	1	1	seq
.....gcagcacguaCauauugg.....	1	1	seq
.....gcagcacguaaaauauugg.....	4	0	seq
.....gcagcacguaaaauauuggc.....	10	0	seq
.....gcagcacguCaauauuggc.....	1	1	seq
.....gcagcacguaGauauuggcg.....	2	1	seq
.....gcagcacguaaCuauuggcg.....	2	1	seq
.....gcagcacguaaaauauuggcg.....	398	0	seq
.....gcagcacguaaaauauugAcg.....	1	1	seq
.....gcagcacguaaaauauGggcg.....	1	1	seq
.....gcagcacguCaauauuggcg.....	4	1	seq
.....gcagcacguaaauUuuggcg.....	1	1	seq
.....gcagcacguaaauCuuggcg.....	2	1	seq
.....gcagcacguaCauauuggcg.....	2	1	seq
.....gcagcacguaaaauauuggcgu.....	6	0	seq
.....cagcacguaaCuauugg.....	1	1	seq
.....cagcacguaaaauauugg.....	7	0	seq
.....cagcacguaaaauCuugg.....	1	1	seq
.....cagcacguaaaauauuggc.....	7	0	seq
.....cagcacguaCauauuggcg.....	2	1	seq
.....cagcacguaaaauauuggcU.....	1	1	seq
.....cagcacguaaaauauuggcg.....	402	0	seq
.....cagcacguaGauauuggcg.....	1	1	seq
.....cagcacguaaauCuuggcg.....	6	1	seq
.....cagcacguaaauGuuggcg.....	4	1	seq
.....cagcacguCaauauuggcg.....	7	1	seq
.....cagcacguaaaauauuggcgu.....	8	0	seq
.....agcacguaaaauauuggc.....	7	0	seq
.....agcacguaaaauGuuggc.....	1	1	seq
.....agcacguaaaauauuggcg.....	298	0	seq
.....agcGcguaaaauauuggcg.....	1	1	seq
.....agcacguCaauauuggcg.....	14	1	seq
.....agcacguaaauGuuggcg.....	1	1	seq
.....agcacguaCauauuggcg.....	7	1	seq
.....agcacguaaauCuuggcg.....	23	1	seq
.....agcacguaaaauauuggcA.....	1	1	seq
.....agcacguaaaauauuggcgC.....	1	1	seq
.....agcacguaaaauauuggcgu.....	2	0	seq
.....agcacguaaaauauuggcgGa.....	1	1	seq
.....gcacguaaaauCuuggcg.....	4	1	seq
.....gcacguCaauauuggcg.....	1	1	seq
.....gcacguaaaauauuggcg.....	49	0	seq
.....gcacguaCauauuggcg.....	2	1	seq

Mature Star

cugacauacuuguuccgcucuagcagcacguaaauauuggcguagugaaauaaauauuaaaccaccaauauuauugugcugcuuuagugugacagggauauagcaacuau

.....gcacgGaaauauuggcg.....	2	1	seq
.....gcacguaaauauuggcgu.....	1	0	seq
.....acguaaauauuggcguGg.....	1	1	seq
.....accaauauuauugugcu.....	1	0	seq
.....accaauauuauugugcugc.....	1	0	seq
.....accaauauuauugugcugcu.....	6	0	seq
.....accaauauuGuugugcugcuu.....	5	1	seq
.....accaauauuauugugcugcuu.....	9	0	seq
.....accaauauuauugugcugcuuu.....	22	0	seq
.....accaauauuGuugugcugcuuu.....	6	1	seq
.....accaauauuauugugcugcuuuU.....	1	1	seq
.....accaauauuauugugcugcuuua.....	1	0	seq
.....accaauauuauugugcugcuuuG.....	2	1	seq
.....accaauauuauugugcugcuuuaU.....	2	1	seq
.....accaauauuauugugcugcuuuag.....	1	0	seq
.....accaauauuauugugcugcuuuaUu.....	1	1	seq
.....ccaauauuauugugcugcuu.....	7	0	seq
.....ccaauauuauugugcugcuuu.....	10	0	seq
.....ccaauauuGuugugcugcuuu.....	1	1	seq
.....ccaauauuauugugcugcuuuU.....	2	1	seq
.....ccaauauuGuugugcugcuuua.....	1	1	seq
.....ccaauauuauugugcugcuuua.....	8	0	seq
.....ccaauauuauugugcugcuuuaU.....	8	1	seq
.....ccaauauuauugugcugcuuuaUu.....	1	1	seq
.....gCgugacagggauauag.....	1	1	seq
.....gCgugacagggauauagc.....	2	1	seq
.....gCgugacagggauauagcaacu..	1	1	seq
.....gCgugacagggauauagcaacua.	6	1	seq