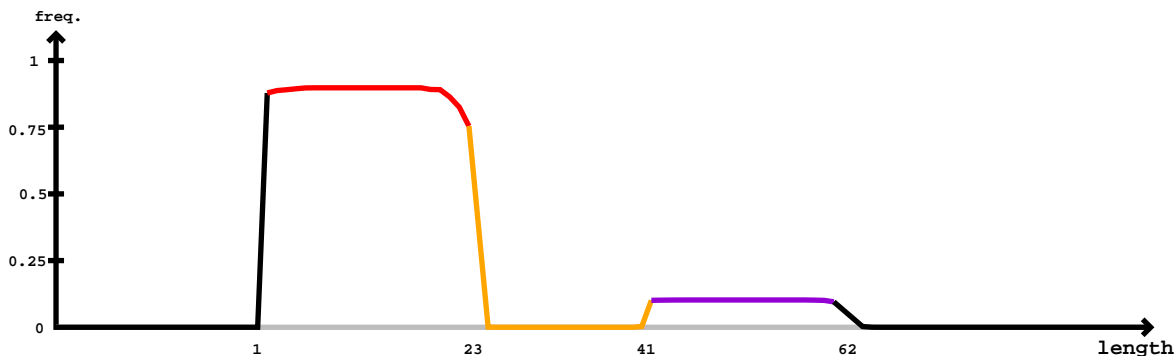
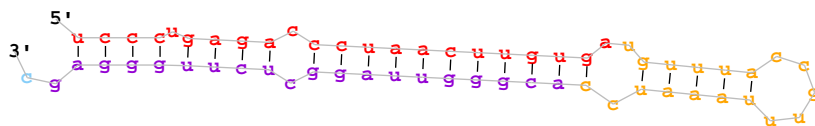


Provisional ID : ESP\_191\_28515  
 Score total : 25845.8  
 Score for star read(s) : 3.9  
 Score for read counts : 25838.6  
 Score for mfe : 1.7  
 Score for randfold : 1.6  
 Score for cons. seed :  
 Total read count : 50693  
 Mature read count : 45509  
 Loop read count : 0  
 Star read count : 5184



**Mature**

**Star**

5'	obs	reads	mm	sample
auuugucgcgccuccucuaa <u>uccugagaccuaacuuguga</u> uguuuaccguuuuuuu <u>accggguuaggcucugggag</u> cugugaguagugcuuuagcauccuggaaauuu	-3'			
.....(((((((.....)))))).....)	exp			
.....Cuccugagaccuaacuuguga.....	2	1	seq	
.....uccugagaccuaCcu.....	11	1	seq	
.....uccugagaccAuaacu.....	1	1	seq	
.....uccugagaccuCaCu.....	1	1	seq	
.....uccugagaccuaacu.....	303	0	seq	
.....uccugagCccuaacu.....	1	1	seq	
.....uccugagaccuaCcu.....	1	1	seq	
.....uccugagaccuaacu.....	33	0	seq	
.....uccugagaccuGacu.....	1	1	seq	
.....uccugagaccCaacuug.....	1	1	seq	
.....uccugagaccUuaacuug.....	1	1	seq	
.....uccugagaccuCaacuug.....	6	1	seq	
.....uccugagaccuaacuU.....	1	1	seq	
.....uccugagaccuaacuug.....	1	1	seq	
.....uccugagaccuaacuG.....	2	1	seq	
.....uccugagaccuaacuG.....	4	1	seq	
.....Gccugagaccuaacuug.....	1	1	seq	
.....uccugagaccuaacuA.....	2	1	seq	
.....uccugagaccuaacuG.....	1	1	seq	
.....uccugagaccuaCcuug.....	40	1	seq	
.....uccugagaccuaacuug.....	1306	0	seq	
.....uccuAgagaccuaacuug.....	1	1	seq	
.....uccugGgaccuaacuug.....	1	1	seq	
.....uccugagaccuaacuugu.....	1838	0	seq	
.....uccugagaccuaacuGgu.....	1	1	seq	
.....uccugagaccuaCcuugu.....	76	1	seq	
.....uccugagaccuaacuugA.....	7	1	seq	
.....uccugagaccuaacuugG.....	1	1	seq	
.....uccugagaAccuaacuugu.....	1	1	seq	
.....uccugagaccuaacuGgu.....	2	1	seq	
.....uccugagaccuaacuAgu.....	1	1	seq	
.....uccugagaccuCaacuugu.....	5	1	seq	
.....uccugagaccuaacuGgu.....	1	1	seq	

Mature

Star

auuugucgcgccuccucaauccugagaccuaacuugugauguuuaccguuuaaauccaggguuaggcucuugggagcugugaguagucuuagcauccuggaauuu

.....uccugUgaccuaacuugug.....	1	1	seq
.....uccugagaccuaaAuugug.....	2	1	seq
.....uccugagaccuGacuugug.....	1	1	seq
.....uccugagaccuaCcuugug.....	55	1	seq
.....uccugagaccuaaGuugug.....	2	1	seq
.....uccugagaccuaacuGgug.....	1	1	seq
.....uccugagaccuaacuuguU.....	4	1	seq
.....uccugagacUcuaacuugug.....	3	1	seq
.....uccugagaccuaacuugGg.....	1	1	seq
.....uccugagaccuaacAugug.....	1	1	seq
.....uccugagaccuaacCugug.....	1	1	seq
.....ucUcugagaccuaacuugug.....	1	1	seq
.....uccugagaccuaaUuugug.....	1	1	seq
.....uccugagaccuaGcuugug.....	2	1	seq
.....uccugagaccuaacuuguA.....	10	1	seq
.....uccugaUaccuaacuugug.....	1	1	seq
.....Gccugagaccuaacuugug.....	1	1	seq
.....uccugagaccuaacuugug.....	3438	0	seq
.....uccugagaccuCaacuugug.....	11	1	seq
.....uccugagaccuaacuugugC.....	2	1	seq
.....uccugagaccuaaAuuguga.....	12	1	seq
.....ucAcugagaccuaacuuguga.....	2	1	seq
.....uccuUagaccuaacuuguga.....	1	1	seq
.....uccugaUaccuaacuuguga.....	4	1	seq
.....uccugagaccAuaacuuguga.....	2	1	seq
.....uccAugagaccuaacuuguga.....	3	1	seq
.....uccugagaccNuaacuuguga.....	1	1	seq
.....uccugagaccuaacuGguga.....	16	1	seq
.....uccugagUccuaacuuguga.....	1	1	seq
.....uccugagaUccuaacuuguga.....	1	1	seq
.....uccugagaccuaacuGguga.....	39	1	seq
.....uccugagaccuaaUuuguga.....	1	1	seq
.....uccugagaccuaacAuguga.....	3	1	seq
.....uccugagaccuNacuuguga.....	1	1	seq
.....uccugagaccuGacuuguga.....	4	1	seq
.....uccGgagaccuaacuuguga.....	1	1	seq
.....uccugagGccuaacuuguga.....	2	1	seq
.....uccugagaccuaacuAguga.....	18	1	seq
.....uccugagaccuaGcuuguga.....	5	1	seq
.....uccugagaccGuaacuuguga.....	1	1	seq
.....Cccugagaccuaacuuguga.....	3	1	seq
.....uccugagaccuaacuuguA.....	4	1	seq
.....uccugagaccuaacuuguga.....	29150	0	seq
.....uccugagaccuCaacuuguga.....	98	1	seq
.....uccugagaccuUacuuguga.....	1	1	seq
.....uccugagaccuaUcuuguga.....	1	1	seq
.....Gccugagaccuaacuuguga.....	7	1	seq
.....uccAgagaccuaacuuguga.....	1	1	seq
.....uccugUgaccuaacuuguga.....	3	1	seq
.....uAccugagaccuaacuuguga.....	1	1	seq
.....uccugagaccUuaacuuguga.....	2	1	seq
.....uccugagaccuaacuugugG.....	3507	1	seq
.....uccugagaccuaacCuguga.....	4	1	seq
.....uccugagCccuaacuuguga.....	1	1	seq
.....uccuAagaccuaacuuguga.....	1	1	seq
.....uccugagaccuaacuugugU.....	162	1	seq
.....uUccugagaccuaacuuguga.....	1	1	seq
.....uccugagaGccuaacuuguga.....	4	1	seq
.....uccugGgaccuaacuuguga.....	2	1	seq
.....uccugagaAccuaacuuguga.....	5	1	seq
.....ucUcugagaccuaacuuguga.....	1	1	seq
.....uccugagaccuaacuuguUa.....	1	1	seq
.....uccCgagaccuaacuuguga.....	4	1	seq
.....uccugagaccuaacNuguga.....	1	1	seq
.....uccugagacAcuaacuuguga.....	1	1	seq
.....uccugagaccCaacuuguga.....	1	1	seq
.....uccugagaccuaacGuguga.....	2	1	seq
.....uccGugagaccuaacuuguga.....	7	1	seq
.....uccugagacUcuaacuuguga.....	16	1	seq
.....Accugagaccuaacuuguga.....	2	1	seq

Mature

Star

Sequence	Count	Count	Category
auuugucgcgccuccucaa <u>uccugagacc</u> uaa <u>Guuguga</u> .....	17	1	seq
..... <u>uccugagacc</u> uaa <u>Ccuuguga</u> .....	1202	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> C.....	183	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> .....	184	0	seq
..... <u>uccugagacc</u> uaa <u>cuGguga</u> .....	1	1	seq
..... <u>uccugagacc</u> uaa <u>cuugUu</u> .....	3	1	seq
..... <u>Accugagacc</u> uaa <u>cuuguga</u> .....	1	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> A.....	2582	1	seq
..... <u>uccugagacc</u> uaa <u>Ccuuguga</u> .....	14	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> U.....	14	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> g.....	1	0	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> Ag.....	3	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> A.....	5	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> Uu.....	2	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> Au.....	1	1	seq
..... <u>uccugagacc</u> uaa <u>cuuguga</u> Uuu.....	2	1	seq
..... <u>ccugagacc</u> uaa <u>cuu</u> .....	3	0	seq
..... <u>ccugagacc</u> uaa <u>cuug</u> .....	5	0	seq
..... <u>ccugagacc</u> uaa <u>cuugu</u> .....	6	0	seq
..... <u>ccugagacc</u> uaa <u>cuugug</u> .....	16	0	seq
..... <u>cccugCgacc</u> uaa <u>cuuguga</u> .....	1	1	seq
..... <u>ccugagacc</u> uaa <u>Cacuuguga</u> .....	8	1	seq
..... <u>ccugagacc</u> uaa <u>cuugug</u> U.....	1	1	seq
..... <u>cccGgacc</u> uaa <u>cuuguga</u> .....	1	1	seq
..... <u>ccugagacc</u> uaa <u>cuuguga</u> .....	344	0	seq
..... <u>ccugagacc</u> uaa <u>cuugug</u> G.....	33	1	seq
..... <u>cccugagacc</u> uaa <u>Ccuuguga</u> .....	2	1	seq
..... <u>ccugagacc</u> uaa <u>cuuguga</u> A.....	18	1	seq
..... <u>ccugagacc</u> uaa <u>cuuguga</u> C.....	2	1	seq
..... <u>cccugagacc</u> uaa <u>cuuguga</u> .....	15	0	seq
..... <u>ccugagacc</u> uaa <u>Cacuuguga</u> .....	2	1	seq
..... <u>ccugagacc</u> uaa <u>cuuguga</u> C.....	1	1	seq
..... <u>cccugagacc</u> uaa <u>cuuguga</u> A.....	1	1	seq
..... <u>ccugagacc</u> uaa <u>cuug</u> .....	6	0	seq
..... <u>ccGgagacc</u> uaa <u>cuugu</u> .....	1	1	seq
..... <u>ccugagacc</u> uaa <u>cuugu</u> .....	1	0	seq
..... <u>ccugagacc</u> uaa <u>cuugug</u> .....	20	0	seq
..... <u>ccugagacc</u> uaa <u>cuuguga</u> .....	116	0	seq
..... <u>ccugagacc</u> uaa <u>Cacuuguga</u> .....	1	1	seq
..... <u>ccugagacc</u> uaa <u>Ccuuguga</u> .....	3	1	seq
..... <u>ccugagacc</u> uaa <u>cuugug</u> G.....	11	1	seq
..... <u>ccugagacc</u> uaa <u>cuuguga</u> C.....	1	1	seq
..... <u>ccugagacc</u> uaa <u>cuuguga</u> A.....	4	1	seq
..... <u>cugagacc</u> uaa <u>cuugu</u> .....	10	0	seq
..... <u>cugagacc</u> uaa <u>cuugug</u> .....	6	0	seq
..... <u>cugagacc</u> uaa <u>cuugug</u> U.....	1	1	seq
..... <u>cugagacc</u> uaa <u>Ccuuguga</u> .....	7	1	seq
..... <u>cugagacc</u> uaa <u>cuuguga</u> .....	138	0	seq
..... <u>cugagacc</u> uaa <u>cuugug</u> G.....	13	1	seq
..... <u>cugagacc</u> uaa <u>cuuguga</u> C.....	3	1	seq
..... <u>cugagacc</u> uaa <u>cuuguga</u> A.....	5	1	seq
..... <u>ugagacc</u> uaa <u>cuugug</u> .....	16	0	seq
..... <u>ugagacc</u> uaa <u>cuuguga</u> .....	98	0	seq
..... <u>ugagacc</u> uaa <u>cuugug</u> U.....	1	1	seq
..... <u>ugagacc</u> uaa <u>Ccuuguga</u> .....	3	1	seq
..... <u>ugagacc</u> uaa <u>cuugug</u> G.....	28	1	seq
..... <u>ugagacc</u> uaa <u>Ccuuguga</u> .....	1	1	seq
..... <u>ugagacc</u> uaa <u>cuuguga</u> A.....	10	1	seq
..... <u>ugagacc</u> uaa <u>cuuguga</u> .....	4	0	seq
..... <u>gagacc</u> uaa <u>cuuguga</u> .....	16	0	seq
..... <u>gagacc</u> uaa <u>cuugug</u> G.....	3	1	seq
..... <u>gagacc</u> uaa <u>cuuguga</u> A.....	1	1	seq
..... <u>agacc</u> uaa <u>cuuguga</u> A.....	1	1	seq
..... <u>cuacuugugauguuu</u> .....	1	0	seq
..... <u>cacggguuaggc</u> u <u>uug</u> .....	1	0	seq
..... <u>cacggguuaggc</u> u <u>uugg</u> .....	3	0	seq
..... <u>cacggguuaggc</u> u <u>uuggga</u> .....	17	0	seq
..... <u>cacggguuaggc</u> u <u>uugggag</u> .....	41	0	seq
..... <u>cacggguuaggc</u> u <u>uuggga</u> A.....	3	1	seq
..... <u>cacggguuaggc</u> u <u>uuggga</u> U.....	1	1	seq

Mature

Star

auuugucgagcuccucaaaccucgagaccuuaacugugauguuuaccguuuaaauccacggguuaggcucuugggagcugugaguugcuuuagcauccuggaaaauu

.....cacggguuaggcucuugggagU.....	41	1	seq
.....cacggguuaggcucuugggagA.....	10	1	seq
.....cacggguuaggcucuugggagc.....	11	0	seq
.....cacggguuaggcucuugggagAu.....	1	1	seq
.....cacggguuaggcucuugggagUu.....	5	1	seq
.....cacggguuaggcucuugggagcu.....	2	0	seq
.....cacggguuaggcucuugggagcuAu.....	1	1	seq
.....acgggGuaggcucuugg.....	1	1	seq
.....acggguuaggcucuugg.....	28	0	seq
.....acggguuaggcucuuggg.....	39	0	seq
.....acggguuaggcucuuggga.....	252	0	seq
.....acgggAuaggcucuuggga.....	1	1	seq
.....acggguuaggcucuugggU.....	2	1	seq
.....acgggGuaggcucuugggag.....	2	1	seq
.....acggguuaAgcucuugggag.....	1	1	seq
.....aUggguuaggcucuugggag.....	1	1	seq
.....Gcggguuaggcucuugggag.....	1	1	seq
.....acggguuaggcucuugggGg.....	1	1	seq
.....acggguuaggcucuugggag.....	2	1	seq
.....acggUuuaggcucuugggag.....	1	1	seq
.....acggguuaggcucuAagggag.....	1	1	seq
.....acggguuaggcucuUugggag.....	1	1	seq
.....acggguuaggcucuugggag.....	2029	0	seq
.....acggguuaggcucuugggaA.....	87	1	seq
.....acggguuaggcucuugggag.....	1	1	seq
.....acggguuaggcucuugggaU.....	20	1	seq
.....acggguuaggcucuAaggagc.....	1	1	seq
.....acgggGuaggcucuugggagc.....	1	1	seq
.....acggguuaggcucuugggagG.....	1	1	seq
.....acggguuaggcucuugggagA.....	121	1	seq
.....acggguuaggAuugggagc.....	1	1	seq
.....acggguuaggcucuugggagU.....	339	1	seq
.....acggguuaggcucuugggaCc.....	1	1	seq
.....acggguuaggcucuugggagc.....	468	0	seq
.....acggguuaggcucuugggagUu.....	18	1	seq
.....acggguuaggcucuugggagcu.....	1	1	seq
.....acggguuaggcucuugggagcG.....	7	1	seq
.....acggguuaggcucuugggagcu.....	1374	0	seq
.....acggguuaggcucuugggagAu.....	2	1	seq
.....Gcggguuaggcucuugggagcu.....	2	1	seq
.....acggguuaggcucuugggGgcu.....	1	1	seq
.....acggguuaggcucuugggagcu.....	1	1	seq
.....acggguuaggcucuuggAagcu.....	1	1	seq
.....acggguuaggcucuuggCagcu.....	1	1	seq
.....acggguuaggcucuCgggagcu.....	1	1	seq
.....acggguuaggcucuugggagcA.....	34	1	seq
.....acAgguuaggcucuugggagcu.....	2	1	seq
.....acggguuaggcucuugggagcuC.....	1	1	seq
.....acggguuaggcucuugggagcAg.....	1	1	seq
.....acggguuaggcucuugggagcuU.....	88	1	seq
.....acggguuaggcucuugggagcug.....	7	0	seq
.....acggguuaggcucuugggagcuA.....	28	1	seq
.....acggguuaggcucuugggagcuAu.....	4	1	seq
.....acggguuaggcucuugggagcuUu.....	2	1	seq
.....acggguuaggcucuugggagcuCu.....	1	1	seq
.....acggguuaggcucuugggagcuguAa.....	1	1	seq
.....cggguuaggcucuuggg.....	1	0	seq
.....cggguuaggcucuuggga.....	4	0	seq
.....cggguuaggcucuugggaA.....	1	1	seq
.....cggguuaggcucuugggag.....	7	0	seq
.....cggguuaggcucuugggagc.....	2	0	seq
.....cggguuaggcucuugggagU.....	3	1	seq
.....cggguuaggcucuugggagcu.....	11	0	seq
.....cggguuaggcucuugggagcA.....	1	1	seq
.....ggguuaggcucuuggga.....	1	0	seq
.....ggguuaggcucuugggag.....	11	0	seq
.....ggguuaggcucuugggagc.....	2	0	seq
.....ggguuaggcucuugggagU.....	1	1	seq
.....ggguuaggcucuugggagcu.....	6	0	seq
.....ggguuaggcucuugggaA.....	1	1	seq

**Mature**

**Star**

auuugucgcgccucucucaa <u>cccugagaccuaacuugugauguuuaccguuuaaauccacggguuaggcucuugggag</u> cugugaguagugcuuuagcauccuggaaauuu			
..... <u>gguuaggcucuugggag</u> .....	3	0	seq
..... <u>gguuaggcucuugggagc</u> .....	1	0	seq
..... <u>gguuaggcucuugggagcu</u> .....	4	0	seq
..... <u>gguuaggcucuugggagcuA</u> .....	1	1	seq
..... <u>guuaggcucuugggagU</u> .....	1	1	seq
..... <u>guuaggcucuugggagc</u> .....	2	0	seq
..... <u>guuaggcucuugggagcu</u> .....	1	0	seq