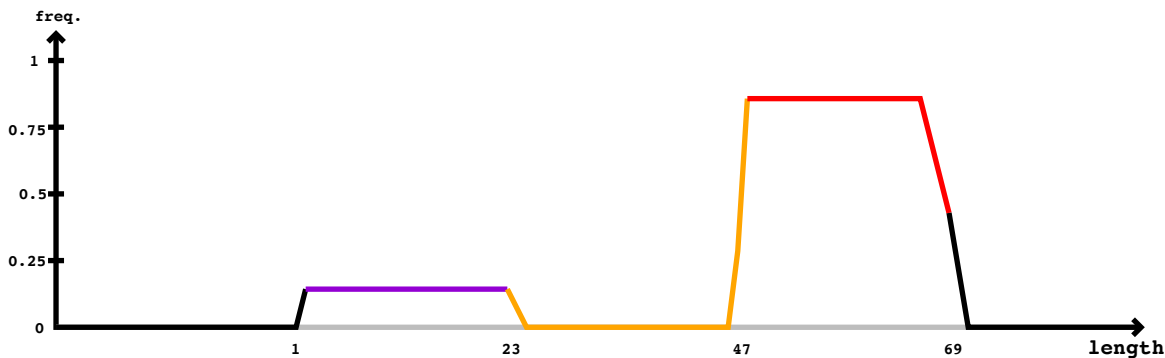
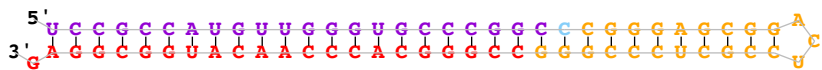


Provisional ID : mun-novel38
 Score total : 6.1
 Score for star read(s) : 3.9
 Score for read counts : -2.3
 Score for mfe : 3.6
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 7
 Mature read count : 6
 Loop read count : 0
 Star read count : 1

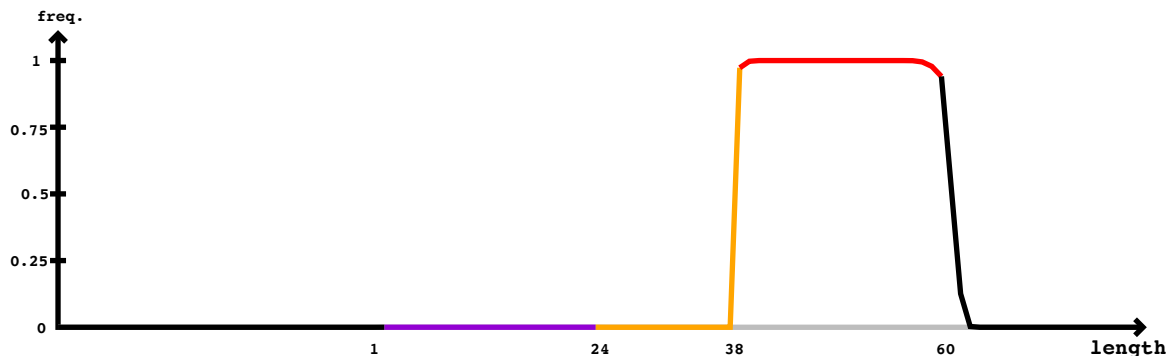
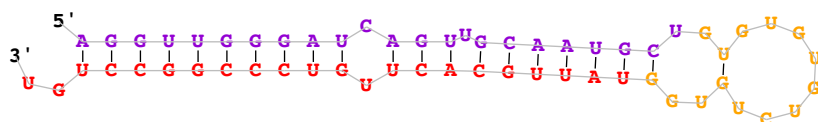


Star

Mature

5' - agacgagagacccucagcuccacucgcgauguggugcccggcccgaggcggacuccgcuccgggcccgggacccaacauggcggaguguggcugagguaaugcgg	-3'	obs		
agacgagagacccucagcuccacu cgcgauguggugcccggcccgaggcggacuccgcuccgggcccgggacccaacauggcggaguguggcugagguaaugcgg		exp		
...(((.....((((.....((((((((((((((((((((((((((((((((((((.....))		reads	mm	sample
.....uccgcgauguggugcccggc.....	1	0		seq
.....gUcgggcacccaacauggcg.....	1	1		seq
.....gUcgggcacccaacauggcgg.....	1	1		seq
.....ccgggcacccaacauggcggga.....	1	0		seq
.....Ucgggcacccaacauggcggag.....	1	1		seq
.....ccgggcacccaacauggcgggaC.....	2	1		seq

Provisional ID : mun-miR-92
 Score total : 61003.5
 Score for star read(s) : 3.9
 Score for read counts : 60993.1
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 119647
 Mature read count : 119625
 Loop read count : 0
 Star read count : 22



Star

Mature

5' -		-3'	obs	exp	reads	mm	sample
ugaguguggaaaaguaguaccccuucuaac	agguugggaucaguugcaaugcugugugucugugguauuugcacuuguccggccugu	ugagguuggggggaugag					
.....(((((((((.....))))))))))							
.....cagguugggaucaguugcaaug			2	0			seq
.....cagguugggaucaguugcaaugc			1	0			seq
.....agguugggaucaguugcaaugc			1	0			seq
.....agguugggaucaguugcaaugcu			15	0			seq
.....agguugggaucaguugcaaugcugug			1	0			seq
.....guugggaucaguugcaaugcu			1	0			seq
.....uugggaucaguugcaaugcu			1	0			seq
.....Cgugguauugcacuuguccggccugu			2	1			seq
.....gugguauugcacuuguccggccugu			1	0			seq
.....gguauugcacuuguccggccugu			1	0			seq
.....guauugcacuuguccggccugu			1	0			seq
.....Auaauugcacuuguccggccugu			2	1			seq
.....Cuauugcacuuguccggccugu			1	1			seq
.....Uuaauugcacuuguccggccugu			1	1			seq
.....gCaauugcacuuguccggccugu			1	1			seq
.....guauugcacuuguccggccuguU			1	1			seq
.....uaauugcacuuguccggcc			22	1			seq
.....uaauugcacuuguccggc			27	0			seq
.....uaauugcacuuguccggcU			4	1			seq
.....uaauugcacuuguccggcA			6	1			seq
.....uaauugcacuuguccggcc			1	1			seq
.....uaauugcacuuguccggcc			1	1			seq
.....uaauugcacuuguccggcc			1	1			seq
.....uaauugcacuuguccggcc			1	1			seq
.....uaauugcacuuguccggcc			1	1			seq
.....uaauugcacuuguccggcc			1	1			seq
.....uaauugcacuuguccggcc			72	1			seq
.....uaauugcacuuguccggcc			466	0			seq
.....uaauugcacuuguccggccu			3	1			seq
.....uaauugcacuuguccggccu			2	1			seq
.....uaauugcacuuguccggccu			1358	0			seq
.....uaauugAacuuguccggccu			1	1			seq
.....uaauugcacuuguccggccu			514	1			seq
.....uaauugcacuuguccggccu			1	1			seq

Star

Mature

ugaguguggaaaaguaguaccccuuucacacaggugggaucagugcaaugcugugugucugugguauugcacuugucccgccugugagguugggggagagag

.....uauugcacuugucccgccG.....	14	1	seq
.....uauugcaAuugucccgccu.....	1	1	seq
.....uauugcacuugCcccgccu.....	1	1	seq
.....uauugcacuugucccgccA.....	62	1	seq
.....uauugcacuuguccUggccu.....	1	1	seq
.....Gauugcacuugucccgccu.....	1	1	seq
.....uauugcacuuguccAggccu.....	1	1	seq
.....uauugcacuuguUccggccu.....	1	1	seq
.....uauugcacuugucccgUu.....	2	1	seq
.....uauugcacuugucccgAcu.....	1	1	seq
.....uauugcacuuUuccggccu.....	2	1	seq
.....uauugcacuugucccgccc.....	3	1	seq
.....uauugcacuugucccgAccu.....	1	1	seq
.....uauugcacuugucccgccuA.....	20	1	seq
.....Gauugcacuugucccgccug.....	3	1	seq
.....uauugcacuugucccgccuU.....	112	1	seq
.....uauugcacuugucccgcccG.....	2	1	seq
.....uauugcacCugucccgccug.....	2	1	seq
.....uauugcUcuugucccgccug.....	1	1	seq
.....uauugcacuuguGccggccug.....	2	1	seq
.....uauugcacuugucccgAccug.....	1	1	seq
.....uauugcacuugucccgccug.....	4232	0	seq
.....uauugcacuuguUccggccug.....	2	1	seq
.....UGuugcacuugucccgccug.....	1	1	seq
.....uauugcacuugAcccgccug.....	1	1	seq
.....uauugcacuuCuccggccug.....	1	1	seq
.....uauugcacuugucccgccAg.....	1	1	seq
.....Aauugcacuugucccgccug.....	2	1	seq
.....uauCgcacuuguccggccug.....	2	1	seq
.....uauugcacuuguccAgccug.....	1	1	seq
.....uauugcacuugucccgUccug.....	1	1	seq
.....uauuAcacuuguccggccug.....	1	1	seq
.....uauugcacAuguccggccug.....	1	1	seq
.....uauugcCcuuguccggccug.....	1	1	seq
.....uauugcacuuguccUggccug.....	1	1	seq
.....uauugcacuuguccggGcug.....	2	1	seq
.....uauugcacuugucccgcccGg.....	48	1	seq
.....uauugcacuuguAccggccug.....	1	1	seq
.....uauugcacuuguccUcgccug.....	1	1	seq
.....uauugcacuugucccgccug.....	1	1	seq
.....uauugcacuuAuccggccug.....	1	1	seq
.....uauugAacuugucccgccug.....	2	1	seq
.....Cauugcacuuguccggccug.....	1	1	seq
.....uauugcGcuuguccggccug.....	1	1	seq
.....uauugcacuugucccgUcu.....	1	1	seq
.....uauugcacuuguccAgccug.....	1	1	seq
.....uauugcacuuguccggAcu.....	1	1	seq
.....uauuCcacuuguccggccugu.....	4	1	seq
.....uauugcacuuguccggcccGgu.....	12	1	seq
.....uUuugcacuuguccggccugu.....	2	1	seq
.....uaAugcacuuguccggccugu.....	2	1	seq
.....uauugcGcuuguccggccugu.....	15	1	seq
.....uauugcacGuguccggccugu.....	1	1	seq
.....uauugcacuugucccgccuGA.....	5025	1	seq
.....uauugcaAuugucccgccugu.....	8	1	seq
.....uauugAacuuguccggccugu.....	9	1	seq
.....uauugcUcuuguccggccugu.....	2	1	seq
.....uauugcacuuguAccggccugu.....	5	1	seq
.....uauugcacuugucccGccugu.....	3	1	seq
.....uauugcacuuguccUgccugu.....	19	1	seq
.....uauugcacuuguccGggccugu.....	5	1	seq
.....uauugcacuAguccggccugu.....	1	1	seq
.....uauugcacAuguccggccugu.....	2	1	seq
.....uauugcacuuguccggccuCu.....	3	1	seq
.....uauGgcacuuguccggccugu.....	1	1	seq
.....uauugcacuuguccAgccugu.....	5	1	seq
.....uauCgcacuuguccggccugu.....	6	1	seq
.....uaCugcacuuguccggccugu.....	6	1	seq
.....uauugcacuuUuccggccugu.....	11	1	seq
.....uauugcacuuAuccggccugu.....	8	1	seq

Star

Mature

ugaguguggaaaaguaguaccccuuucacacaggugggaucagugcaaugcugugugugucugugguauugcacuugucccgccuguugagguugggggagauagag

.....uauugcacuugucccgccuu.....	102	1	seq
.....uauugcacuugucccgccugu.....	33	1	seq
.....uauugcaGuugucccgccugu.....	1	1	seq
.....uauugcacCugucccgccugu.....	5	1	seq
.....uauugcacuuguccAggccugu.....	18	1	seq
.....uauugcacuugucccgccugu.....	8	1	seq
.....uauugcacuuCucccgccugu.....	4	1	seq
.....uCuugcacuugucccgccugu.....	2	1	seq
.....uauuAcacuugucccgccugu.....	4	1	seq
.....uauugGacuugucccgccugu.....	3	1	seq
.....uauugcacuuguccUggccugu.....	18	1	seq
.....Caugcacuugucccgccugu.....	18	1	seq
.....uauuUcacuugucccgccugu.....	11	1	seq
.....uauugcacuugucccgUccugu.....	14	1	seq
.....uauugcacuugucccgccugG.....	414	1	seq
.....uauugUacuugucccgccugu.....	16	1	seq
.....uauugcacuugucccgGcugu.....	4	1	seq
.....uauugcacuugucccgccGgu.....	1	1	seq
.....uauugcacuugucccgCccugu.....	1	1	seq
.....uauugcacuugCcccggccugu.....	18	1	seq
.....uauugcacuugucccgccAgu.....	3	1	seq
.....uauugcacuuguccUggccugu.....	12	1	seq
.....Aauugcacuugucccgccugu.....	36	1	seq
.....uauugcacuugucccgAccugu.....	9	1	seq
.....uauugcacuugucccgGUcugu.....	2	1	seq
.....uGuugcacuugucccgccugu.....	6	1	seq
.....uauugcacuugucccgccugu.....	70312	0	seq
.....uauugcacuugucccgGAcugu.....	14	1	seq
.....Gauugcacuugucccgccugu.....	41	1	seq
.....uauugcacuugucccgGUugu.....	6	1	seq
.....uauugcacuugucccgccuAu.....	28	1	seq
.....uauugcacuugGcccggccugu.....	3	1	seq
.....uauugcacuugucccgccGugu.....	1	1	seq
.....uauugcacuuguccGcgccugu.....	4	1	seq
.....uauugcacuuguccAcggccugu.....	19	1	seq
.....uauugcacuugucccgccugu.....	1	1	seq
.....uauugcacuugucccgccAugu.....	4	1	seq
.....uauugcaUuugucccgccugu.....	6	1	seq
.....uauAgcacuugucccgccugu.....	4	1	seq
.....uauugcacuugAcccgccugu.....	14	1	seq
.....uauugcacuugucccgccugu.....	2	1	seq
.....uauugcacuugucccgccugC.....	169	1	seq
.....uauugcacuuguccCgcccugu.....	3	1	seq
.....uauugcacuuguccUggccugu.....	7	1	seq
.....uauugcGcuugucccgccugu.....	2	1	seq
.....uauugcacuugCcccggccugu.....	1	1	seq
.....uauugcacuugucccgccugu.....	11742	0	seq
.....uauugcacuugucccgccugu.....	1	1	seq
.....uauugcacuugucccgccCgu.....	2	1	seq
.....uauuCaacuugucccgccugu.....	1	1	seq
.....uGuugcacuugucccgccugu.....	1	1	seq
.....uauugcacuugAcccgccugu.....	2	1	seq
.....uauugcacuugucccgccUuu.....	43	1	seq
.....Aauugcacuugucccgccugu.....	7	1	seq
.....uauugcacuugucccgccuAuu.....	13	1	seq
.....uauuAcacuugucccgccugu.....	1	1	seq
.....uauugcacuugAcccgccugu.....	1	1	seq
.....uauugcacuugucccgccAugu.....	1	1	seq
.....uauugcacuugucccgccuguC.....	67	1	seq
.....Gauugcacuugucccgccugu.....	14	1	seq
.....uauugcacuuguccUggccugu.....	1	1	seq
.....uauugcacuuguccGcgccugu.....	3	1	seq
.....uauuUcacuugucccgccugu.....	2	1	seq
.....uauugcacuugucccgccUugu.....	1	1	seq
.....uauugcacuugucccgccugu.....	3	1	seq
.....uauugcacuugucccgccugGu.....	14	1	seq
.....uauugcacuuguccUggccugu.....	3	1	seq
.....uauugcacAguucccgccugu.....	1	1	seq
.....uauugcacuugucccgccugu.....	1	1	seq
.....uauugcacuuguccAcggccugu.....	2	1	seq

Star

Mature

ugaguguggaaaaguaguaccccuuucacacaggugggaucaguugcaaugcugugugucugugguauugcacuugucccgccugugugagguugggggagagag

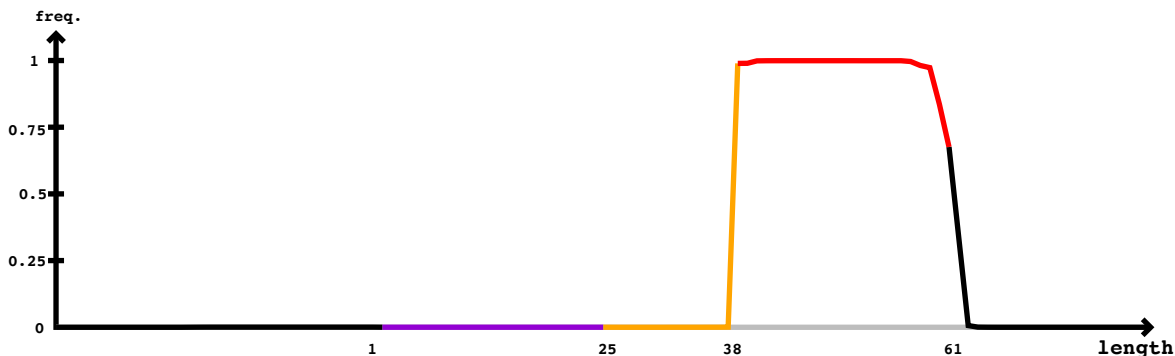
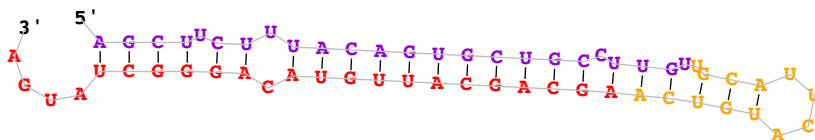
.....uauugcacuugucccgccuguu.....	1	1	seq
.....uauAgcacuugucccgccuguu.....	3	1	seq
.....uauugcUccuugucccgccuguu.....	2	1	seq
.....uauugcacuugucccgUccuguu.....	3	1	seq
.....uUuugcacuugucccgccuguu.....	1	1	seq
.....uauugcacuugGcccgccuguu.....	2	1	seq
.....uauugcacCuugucccgccuguu.....	1	1	seq
.....uauugcacuuCucccgccuguu.....	4	1	seq
.....uauugcacuugucccgccugua.....	6035	1	seq
.....uauugcacuugucccgccugAu.....	626	1	seq
.....uauugcacuugucccgAccuguu.....	1	1	seq
.....uauugUaccuugucccgccuguu.....	4	1	seq
.....uauugcaUuugucccgccuguu.....	1	1	seq
.....uauugcacGugucccgccuguu.....	1	1	seq
.....uauugAaccuugucccgccuguu.....	1	1	seq
.....uauugcacuuAucccgccuguu.....	2	1	seq
.....uauugcacuugucccgccugCu.....	12	1	seq
.....uauugcaAuugucccgccuguu.....	1	1	seq
.....uauugcacuugucccgccugCuG.....	1	1	seq
.....uauugcacuugucccgccuguaAg.....	485	1	seq
.....uauugcacuugucccgccuguaA.....	687	1	seq
.....uauugcacuugucccgccuguuU.....	12518	1	seq
.....uauugcacuugucccgccuguuG.....	35	0	seq
.....uauugcacuugucccgccuguuC.....	145	1	seq
.....uauugcacuugucccgccugAuG.....	3	1	seq
.....uauugcacuugucccgccuguuAa.....	190	1	seq
.....uauugcacuugucccgccuguuaga.....	6	0	seq
.....uauugcacuugucccgccuguuG.....	2	1	seq
.....uauugcacuugucccgccuguaGa.....	54	1	seq
.....uauugcacuugucccgccuguuU.....	20	1	seq
.....uauugcacuugucccgccuguuUa.....	29	1	seq
.....uauugcacuugucccgccuguuUag.....	1	1	seq
.....uauugcacuugucccgccuguuUGgg.....	1	1	seq
.....auugcacuugucccgcc.....	7	0	seq
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.....auugcacuugucccgccug.....	59	0	seq
.....auugcacuugucccgccGg.....	1	1	seq
.....auugcacuugucccgccuU.....	1	1	seq
.....auugcacuuguccGccgccug.....	1	1	seq
.....Uuugcacuugucccgccug.....	1	1	seq
.....auugcacuugucccgccuU.....	1	1	seq
.....auugcacuugucccgccug.....	1351	0	seq
.....auugcacuugCcccgccug.....	1	1	seq
.....auugcacuuguaAcccgccug.....	1	1	seq
.....auugcacuugucccgUccug.....	2	1	seq
.....auugcacuugucccgccugG.....	9	1	seq
.....auugcacuugucccgccug.....	2	1	seq
.....auugcacuugucccgGAcug.....	1	1	seq
.....Guugcacuugucccgccug.....	1	1	seq
.....auugcacuugucccgccugC.....	1	1	seq
.....auugcacuugucccgccugA.....	12	1	seq
.....auugcacuuguccUgccug.....	1	1	seq
.....auugcacuugucccgccuguu.....	719	0	seq
.....auugcacuugucccgccugC.....	14	1	seq
.....Uuugcacuugucccgccuguu.....	1	1	seq
.....auugcacuugucccgccugua.....	90	1	seq
.....auugcacuugucccgccugCu.....	1	1	seq
.....auugcacuugucccgccCgu.....	1	1	seq
.....auugcacuuUucccgccuguu.....	1	1	seq
.....Guugcacuugucccgccuguu.....	1	1	seq
.....auugcacuugucccgccugAu.....	3	1	seq
.....auugcacuugucccgccuguaAg.....	6	1	seq
.....auugcacuugucccgccuguuC.....	9	1	seq
.....auugcacuugucccgccuguuG.....	1	0	seq
.....auugcacuugucccgccuguuU.....	512	1	seq
.....auugcacuugucccgccuguuA.....	51	1	seq
.....auugcacuugucccgccuguuAa.....	30	1	seq
.....auugcacuugucccgccuguuU.....	1	1	seq
.....auugcacuugucccgccuguuUa.....	2	1	seq

Star

Mature

ugaguguggaaaaguaguaccccuuucuacacagguugggaucaguugcaaugcugugugugucuguggua <u>uugcacuugucccgccugu</u> ugagguugggggguagag			
.....uugcacuugucccgccu.....	4	0	seq
.....uugcacuugucccgccugu.....	18	0	seq
.....uugcacuugucccgccugA.....	1	1	seq
.....uugcacuugucccgccuguu.....	32	0	seq
.....uugcacuugucccgccuguC.....	1	1	seq
.....uugcacuugucccgccuguA.....	10	1	seq
.....uugcacuugucccgccuguuC.....	13	1	seq
.....uugcacuugucccgccuguuA.....	18	1	seq
.....uugcacuugucccgccuguuU.....	204	1	seq
.....uugcacuugucccgccuguuU.....	1	1	seq
.....uugcacuugucccgccuguuAa.....	9	1	seq
.....uugcacuugucccgccuguuCa.....	1	1	seq
.....uugcacuugucccgccuguuUa.....	1	1	seq
.....gcacuugucccgccugu.....	2	0	seq

Provisional ID : mun-miR-103
 Score total : 4316.3
 Score for star read(s) : 3.9
 Score for read counts : 4306.1
 Score for mfe : 1.6
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 8458
 Mature read count : 8456
 Loop read count : 0
 Star read count : 2



Star

Mature

5' -	Star	Mature	-3'	obs	mm	sample
			exp	reads		
uuccacagcuguuuccguauucuugugcuuuc	agcuucuuuacagugcugccuugu	ugcauucaugucaagcagcauuguacagggcuau	gaagaacagagacaugcucuc			
uuccacagcuguuuccguauucuugugcuuuc	agcuucuuuacagugcugccuugu	ugcauucaugucaagcagcauuguacagggcuau	gaagaacagagacaugcucuc			
.....((((.....))))((((.....))))((((.....))))((((.....))))			
.....uuccguauucuugugcuuuc	.....uuccguauucuugugcuuuc	.....uuccguauucuugugcuuuc	.....uuccguauucuugugcuuuc	2	0	seq
.....ccguauucuugugcuuuc	.....ccguauucuugugcuuuc	.....ccguauucuugugcuuuc	.....ccguauucuugugcuuuc	1	0	seq
.....cuguauucuugugcuuuc	.....cuguauucuugugcuuuc	.....cuguauucuugugcuuuc	.....cuguauucuugugcuuuc	1	0	seq
.....agcuucuuuacagugcugccuugu	.....agcuucuuuacagugcugccuugu	.....agcuucuuuacagugcugccuugu	.....agcuucuuuacagugcugccuugu	2	0	seq
.....caugucaagcagcauuguac	.....caugucaagcagcauuguac	.....caugucaagcagcauuguac	.....caugucaagcagcauuguac	1	0	seq
.....ucaagcagcauuguacagggcu	.....ucaagcagcauuguacagggcu	.....ucaagcagcauuguacagggcu	.....ucaagcagcauuguacagggcu	1	0	seq
.....aagcagcauuguacagggcuau	.....aagcagcauuguacagggcuau	.....aagcagcauuguacagggcuau	.....aagcagcauuguacagggcuau	1	0	seq
.....aagcagcauuguacagggcuau	.....aagcagcauuguacagggcuau	.....aagcagcauuguacagggcuau	.....aagcagcauuguacagggcuau	1	1	seq
.....agcagcauuguacagggc	.....agcagcauuguacagggc	.....agcagcauuguacagggc	.....agcagcauuguacagggc	24	0	seq
.....agcagcauuguacagggcu	.....agcagcauuguacagggcu	.....agcagcauuguacagggcu	.....agcagcauuguacagggcu	1	1	seq
.....agcagcauuguacagggcG	.....agcagcauuguacagggcG	.....agcagcauuguacagggcG	.....agcagcauuguacagggcG	1	1	seq
.....agcagcauuguacagggcA	.....agcagcauuguacagggcA	.....agcagcauuguacagggcA	.....agcagcauuguacagggcA	3	1	seq
.....agcagcauuguacagggcUu	.....agcagcauuguacagggcUu	.....agcagcauuguacagggcUu	.....agcagcauuguacagggcUu	1	1	seq
.....agcagcauuguacagggcC	.....agcagcauuguacagggcC	.....agcagcauuguacagggcC	.....agcagcauuguacagggcC	1	1	seq
.....agcagcauuguacagggcu	.....agcagcauuguacagggcu	.....agcagcauuguacagggcu	.....agcagcauuguacagggcu	118	0	seq
.....agcagcauuguacagggcuU	.....agcagcauuguacagggcuU	.....agcagcauuguacagggcuU	.....agcagcauuguacagggcuU	12	1	seq
.....agcagcauuguacagggcCa	.....agcagcauuguacagggcCa	.....agcagcauuguacagggcCa	.....agcagcauuguacagggcCa	2	1	seq
.....agcagcauuguacagggcua	.....agcagcauuguacagggcua	.....agcagcauuguacagggcua	.....agcagcauuguacagggcua	54	0	seq
.....agcagcauuguacagggcug	.....agcagcauuguacagggcug	.....agcagcauuguacagggcug	.....agcagcauuguacagggcug	1	1	seq
.....aUcagcauuguacagggcuau	.....aUcagcauuguacagggcuau	.....aUcagcauuguacagggcuau	.....aUcagcauuguacagggcuau	1	1	seq
.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	1146	0	seq
.....agcagcauuguacagggcuUu	.....agcagcauuguacagggcuUu	.....agcagcauuguacagggcuUu	.....agcagcauuguacagggcuUu	3	1	seq
.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	1	1	seq
.....agcagcauuguacagggcuaA	.....agcagcauuguacagggcuaA	.....agcagcauuguacagggcuaA	.....agcagcauuguacagggcuaA	5	1	seq
.....agcagcauuguacagggcuaC	.....agcagcauuguacagggcuaC	.....agcagcauuguacagggcuaC	.....agcagcauuguacagggcuaC	2	1	seq
.....agcagcauuguacagggCcuau	.....agcagcauuguacagggCcuau	.....agcagcauuguacagggCcuau	.....agcagcauuguacagggCcuau	1	1	seq
.....agcagcauuguacagggGuau	.....agcagcauuguacagggGuau	.....agcagcauuguacagggGuau	.....agcagcauuguacagggGuau	1	1	seq
.....agcagcauuguacagGcuau	.....agcagcauuguacagGcuau	.....agcagcauuguacagGcuau	.....agcagcauuguacagGcuau	1	1	seq
.....agcaCcuauuguacagggcuau	.....agcaCcuauuguacagggcuau	.....agcaCcuauuguacagggcuau	.....agcaCcuauuguacagggcuau	1	1	seq
.....agcagcauuguacagggcuauU	.....agcagcauuguacagggcuauU	.....agcagcauuguacagggcuauU	.....agcagcauuguacagggcuauU	258	1	seq
.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	1045	0	seq
.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	.....agcagcauuguacagggcuau	1	1	seq
.....agcagcauuguacagUgcuau	.....agcagcauuguacagUgcuau	.....agcagcauuguacagUgcuau	.....agcagcauuguacagUgcuau	1	1	seq

Star

Mature

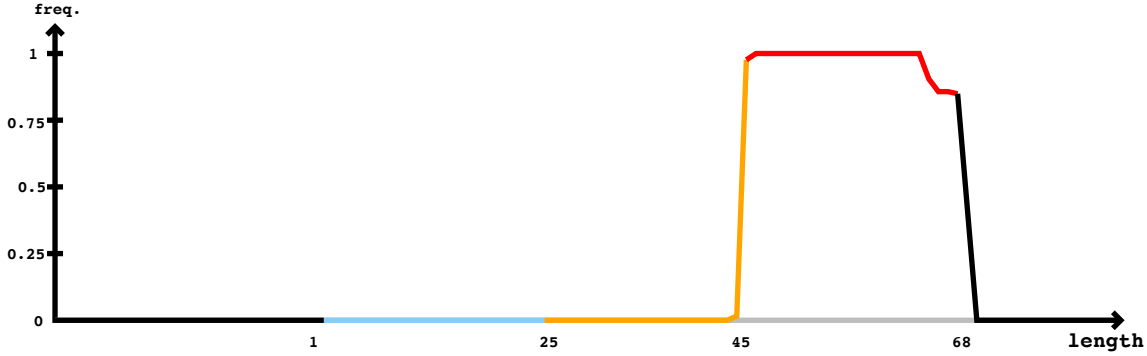
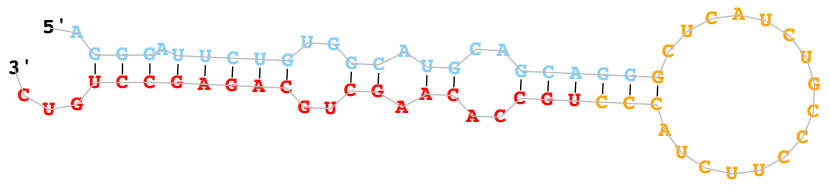
uuccacagcuguuccuguaucuuugugcuuucagcuucuuacagugcugccuuguugcaucaugucaagcagcauuguaacagggcuauaagaacagagacaugcucuc			
..... agcagcauugAacagggcuauG	1	1	seq
..... agcaAcauuguaacagggcuauG	1	1	seq
..... agcagcauuguaacagggcuauGg	2	1	seq
..... agcagcauuguaacagAagcuauG	1	1	seq
..... agGagcauuguaacagggcuauG	1	1	seq
..... agcagcauAguacagggcuauG	1	1	seq
..... agcagcauuguaacagggcuauA	40	1	seq
..... agcagcauuguaacagggcuauGU	1259	1	seq
..... agcaUcauuguaacagggcuauG	1	1	seq
..... agcagcauuguaacagggUuauga	1	1	seq
..... agcagcauuguaacagggcuauAa	14	1	seq
..... agcagcauuAuaacagggcuauG	1	1	seq
..... agcagcauuguaAagggcuauG	1	1	seq
..... agcagcauuguaacagggcuauG	3831	0	seq
..... agcagcauugAacagggcuauG	1	1	seq
..... agcagcGuuuaacagggcuauG	1	1	seq
..... agcagcauuguaacagggcuauGG	9	1	seq
..... agcagcauuguaUagggcuauG	1	1	seq
..... agcagcauugGacagggcuauG	2	1	seq
..... agcagcauuguaacagggcCauG	2	1	seq
..... agcagcauuguaacagggcuauUa	3	1	seq
..... agcagcauuguaacagggcuUuaG	1	1	seq
..... agcagcauugGcagggcuauG	1	1	seq
..... agcagcauuguaacagggcuauGC	99	1	seq
..... UgcagcauuguaacagggcuauG	2	1	seq
..... agcagcauuguaacagggcuauGaa	78	0	seq
..... agcagcauuguaacagggcuauG	2	1	seq
..... agcagcauuguaacagggcuauGU	9	1	seq
..... agcagcauuguaacagggcuauGU	268	1	seq
..... agcagcauuguaacagggcuauGua	8	1	seq
..... agcagcauuguaacagCgcuauGaaa	1	1	seq
..... agcagcauuguaacagggcuauGaaU	18	1	seq
..... agcagcauuguaacagggcuauGaaa	19	0	seq
..... agcagcauuguaacagggcuauGaaaU	3	1	seq
..... agcagcauuguaacagggcuauGaaaAa	1	1	seq
..... gcagcauuguaacagggcuauG	1	0	seq
..... gcagcauuguaacagggcuauG	2	0	seq
..... cagcauuguaacagggcuau	2	0	seq
..... cagcauuguaacagggcuauG	1	0	seq
..... cagcauugCacagggcuauG	1	1	seq
..... cagcauuguaacagggcuauGU	3	1	seq
..... cagcauuguaacagggcuauGC	1	1	seq
..... cagcauuguaacagggcuauG	64	0	seq
..... cagcauuguaacagggcuauGU	1	1	seq
..... cagcauuguaacagCgcuauGaaa	1	1	seq
..... cagcauuguaacagggcuauGaaa	2	0	seq
..... cagcauuguaacagggcuauGua	1	1	seq
..... agcauuguaacagggcuauG	1	0	seq
..... agcauuguaacagggcuauG	2	0	seq
..... agcauuguaacagggcuauGU	1	1	seq
..... gcauuguaacagggcuauG	1	0	seq

Star

Mature

uguuccaggcuguugauggacccguccccguggccuacugagcugauaucagucugauuuuacacacuggcucaguuacagcaggaacaggagucgagcccuagagca			
.....uggcucaguuacagcagCaac.....	1	1	seq
.....uggcucaguuacagcaggaau.....	70	1	seq
.....uggcucaguuacagcaggUac.....	1	1	seq
.....uggcucaUuucagcaggaac.....	1	1	seq
.....Aggcucaguuacagcaggaac.....	2	1	seq
.....uggcucaguucaUcaggaac.....	1	1	seq
.....uggcucagCucagcaggaac.....	1	1	seq
.....uggcucaguuacagcaggaaca.....	578	0	seq
.....Aggcucaguuacagcaggaaca.....	1	1	seq
.....uggcucaguuacagUaggaaca.....	1	1	seq
.....uggcucaguuacagcaggaacC.....	3	1	seq
.....uggcucaguuacagcaggaacU.....	66	1	seq
.....uggcucaguuacagcaggaacG.....	1	1	seq
.....uggcucaguuacagcaggaaaA.....	14	1	seq
.....uggcucaguuacagcagUaaca.....	1	1	seq
.....uggcucaguuacagcaggaauA.....	3	1	seq
.....uggcucaguuacagcaggaacaA.....	23	1	seq
.....uggcucaguuacagcaggaacaC.....	11	1	seq
.....uggcucaguuacagcaggaacag.....	593	0	seq
.....uCGcucaguuacagcaggaacag.....	1	1	seq
.....Aggcucaguuacagcaggaacag.....	1	1	seq
.....uggcucaguuacagcaggGacag.....	1	1	seq
.....uggcucaguuacagcaggaacaU.....	3	1	seq
.....uggcucaguuacagcaggaaaAg.....	1	1	seq
.....uggcucaUuucagcaggaacag.....	1	1	seq
.....uggcucaguuacagcaggaacagC.....	7	1	seq
.....uggcucaguuacagcaggaacagG.....	18	0	seq
.....uggcucaguuacagcaggaacagA.....	204	1	seq
.....uggcucaguuacagcaggaacaAg.....	1	1	seq
.....uggcucaguuacagcaggaacagU.....	1703	1	seq
.....uggcucagGucagcaggaacagG.....	1	1	seq
.....uggcucaguuacagcaggaacagUa.....	5	1	seq
.....uggcucaguuacagcaggaacagAa.....	2	1	seq
.....uggcucaguuacagcaggaacagGU.....	7	1	seq
.....ggcucaguuacagcaggaac.....	5	0	seq
.....ggcucaguuacagcaggaaca.....	2	0	seq
.....ggcucaguuacagcaggaacaC.....	1	1	seq
.....ggcucaguuacagcaggaacagU.....	23	1	seq
.....ggcucaguuacagcaggaacagUa.....	1	1	seq
.....ggcucaguuacagcaggaacagGU.....	1	1	seq
.....gucucaguuacagcaggaacag.....	2	0	seq
.....gucucaguuacagcaggaacagU.....	1	1	seq

Provisional ID :mun-novel29
 Score total : 1.5
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.8
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 126
 Mature read count : 126
 Loop read count : 0
 Star read count : 0

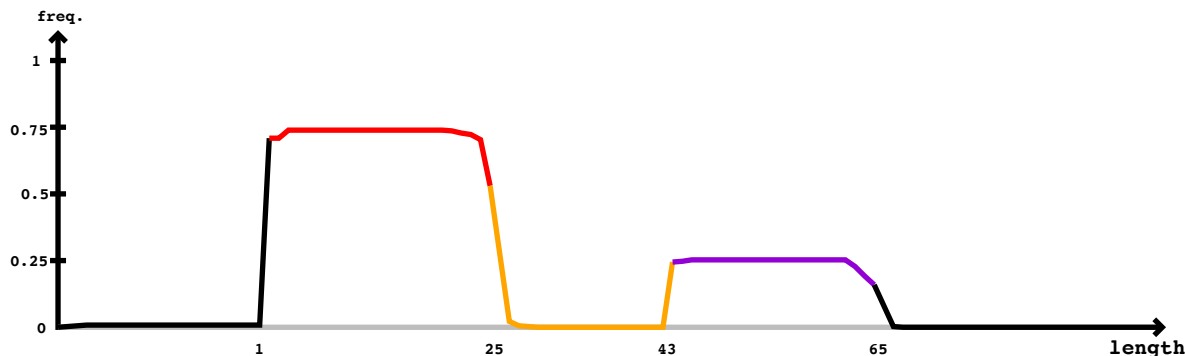
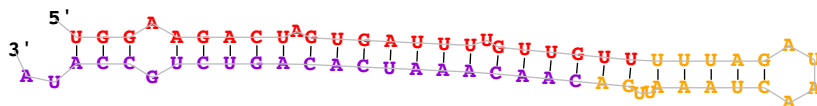


Star

Mature

5' -	exp	reads	mm	sample
ugcauggggggcauaaggccacaaggagggaauucuguggcaugcagcagggucaucugccuucuaaccugccacaagcucagagccugucuccuuccacaggugucc	-3'			
.(((((((.....))))).(((.....((((.....))))).)))).)))))).....)).....		2	1	seq
.....cugccacaagcucagagccugCc.....		8	0	seq
.....ugccacaagcucagagcc.....		3	1	seq
.....ugccaUaagcucagagcc.....		4	0	seq
.....ugccacaagcucagagccugu.....		1	0	seq
.....ugccacaagcucagagccugCc.....		75	1	seq
.....ugccacaagcucagagccCcu.....		30	1	seq
.....gccacaagcucagagcc.....		1	0	seq
.....gccacaagcucagagccu.....		1	0	seq
.....gccuUaagcucagagccu.....		1	1	seq

Provisional ID : gi_525932624_ref_NW_004848298.1__43172
 Score total : 188.2
 Score for star read(s) : 3.9
 Score for read counts : 178.1
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 361
 Mature read count : 269
 Loop read count : 0
 Star read count : 92



Mature

Star

5' -	obs	reads	mm	sample
gauguuggccuaguucugug <u>uggaagacuagugauuuuguuuuuuagauaacuaaaauuga</u> caacaaauacagucugccau <u>uggcacagaccaugccucucacaggacaag</u> -3'	exp			
gauguuggccuaguucugug <u>uggaagacuagugauuuuguuuuuuagauaacuaaaauuga</u> caacaaauacagucugccau <u>uggcacagaccaugccucucacaggacaag</u>		2	0	seq
.....(((((((((((.....))		1	0	seq
.auguuggccuaguucugug.....		1	0	seq
.....uggaagacuagugauuuug.....		1	0	seq
.....uggaagacuagugauuuugu.....		3	0	seq
.....uggaagacuagugauuuuguu.....		2	0	seq
.....uggaagacuagugauuuuguug.....		6	0	seq
.....uggaagacuagugauuuuguuU.....		1	1	seq
.....uggaagacuagugauuuuguugu.....		61	0	seq
.....uggaGgacuagugauuuuguugu.....		1	1	seq
.....uggaagacuagugauuuuguuguu.....		1	1	seq
.....uggaagacuagugauuuuguuguu.....		161	0	seq
.....uggaagacuAaugauuuuguuguuu.....		1	1	seq
.....uggaagacuagugauuuuguuguuu.....		13	0	seq
.....uggaagacuagugauuuuguuguuA.....		3	1	seq
.....uggaagacuagugauuuuguuguuu.....		1	0	seq
.....uggaagacuagugauuuuguuguuAuu.....		1	1	seq
.....uggaagacuagugauuuuguuguuAuu.....		1	1	seq
.....uggaagacuagugauuuuguuguuuuU.....		1	1	seq
.....gaagacuagugauuuuguugu.....		1	0	seq
.....gaagacuagugauuuuguuguu.....		6	0	seq
.....gaagacuagugauuuuguuguUuu.....		1	1	seq
.....gaagacuagugauuuuguuguuA.....		1	1	seq
.....gaagacuagugauuuuguuguuu.....		1	0	seq
.....gaagacuagugauuuuguuguuu.....		1	0	seq
.....caacaaauacagucugcc.....		6	0	seq
.....caacaaauUacagucugcc.....		3	1	seq
.....caacaaauacagucugcca.....		9	0	seq
.....caacaaauUacagucugcca.....		4	1	seq
.....caacaaauUacagucugccau.....		1	1	seq
.....caacaaauacagucugccau.....		11	0	seq
.....caacaaauacagucugccauU.....		14	1	seq
.....caacaaauUacagucugccau.....		12	1	seq
.....caacaaauacagucugccau.....		27	0	seq

Mature

Star

gauguuggccuaguucuguguggaagacuagugauuuuguuguuuuuagauaacuaaauga	caacaaucacagucugccaua	uggcacagaccaugccucua	caggacaag			
.....	caacaaucacagucugccauCu	.....		1	1	seq
.....	caacaaucacagucugccauau	.....		1	0	seq
.....	aaacaaucacagucugccauu	.....		1	0	seq
.....	acaaucacagucugccauu	.....		1	0	seq
.....	acaaucacagucugccauuU	.....		1	1	seq

Mature

Star

gucguuuauucucagcuuugagaacugaauuccauggguuguaauugaauccgcugucagaccgauggggcucaguucucagcuuggauuuucugucuucacaca			
. ugagaacugaauuccGuggguug	1	1	seq
. ugagaacugaauuccaugUguug	1	1	seq
. Ggagaacugaauuccauggguug	4	1	seq
. ugagaacugaauuccaugggGuG	5	1	seq
. ugagaacugaauuccauUgguug	1	1	seq
. ugaUaacugaauuccauggguug	1	1	seq
. ugagaacugaauuccaugggAug	1	1	seq
. ugagaacugaauuccauggguuA	109	1	seq
. ugagaacugaauuUcauggguug	1	1	seq
. ugagaacugaauuccauggguuU	402	1	seq
. ugagaacugaauucUauggguug	2	1	seq
. ugagaacugaauuccauggguuC	4	1	seq
. ugagaacugaauuccaugggCuG	9	1	seq
. ugagaacugaauuccauggAuug	13	1	seq
. ugagaAaugaauccauggguug	1	1	seq
. ugagaacugaauuccauggUuug	2	1	seq
. uAagaacugaauuccauggguug	1	1	seq
. ugagaacugaauuccaugAguug	1	1	seq
. uCagaacugaauuccauggguugu	1	1	seq
. ugagaacugaauuccauggguuAu	31	1	seq
. ugagaacugaauuccauggguuC	1	1	seq
. ugagaacugaauuccUuggguugu	1	1	seq
. ugagaacugaauuccGuggguugu	1	1	seq
. ugagaacugaauuccauggAuugu	17	1	seq
. ugagaacCgaauuccauggguugu	1	1	seq
. ugagaacugaauuccauggguuUu	63	1	seq
. ugagaAaugaauccauggguugu	1	1	seq
. ugagaacugaauuccauggguugu	2905	0	seq
. ugaCaacugaauuccauggguugu	1	1	seq
. ugagaacugaauuccauggguugC	13	1	seq
. ugagaacugaaGuccauggguugu	1	1	seq
. ugagaacugaauuccauggCuugu	2	1	seq
. ugagaacugaauuccaugggCuGu	7	1	seq
. Ggagaacugaauuccauggguugu	1	1	seq
. ugagaacugaauuAcauggguugu	1	1	seq
. ugaUaacugaauuccauggguugu	1	1	seq
. ugagaacugaauuccaugggGuGu	2	1	seq
. ugagaacugaauuccauggguugG	8	1	seq
. ugagaacugaauuccaAgguugu	1	1	seq
. ugagaacugaauuccaCggguugu	1	1	seq
. ugagaacugaauuccauggguugA	314	1	seq
. Cgagaacugaauuccauggguugu	1	1	seq
. ugagaacugaauuccauggguuUua	1	1	seq
. ugagaacugaauuccauggguugua	15	0	seq
. ugagaacugaauuccaCggguugua	1	1	seq
. ugagaacugaauuccauggguugCa	1	1	seq
. ugagaacugaauuccauggguuguU	60	1	seq
. ugagaacugaauuccauggguugG	1	1	seq
. ugagaacugaauuccauggguugAa	2	1	seq
. ugagaacugaauuccauggguuguaa	2	0	seq
. ugagaacugaauuccauggguuguaU	7	1	seq
. ugagaacugaauuccauggguuguaa	1	0	seq
. ugagaacugaauuccauggguugAaau	1	1	seq
. gagaacugaauuccauggguug	1	0	seq
. gagaacugaauuccauggguugu	1	0	seq
. aacugaauuccauggguugu	1	0	seq
. acugaauuccaugggCuG	1	1	seq
. guaaugaauccgcugucag	1	0	seq
. acccauggggcucaguucu	6	0	seq
. acccauggggcucaguucuA	1	1	seq
. acccauggggcucaguucuU	69	0	seq
. acccauggggcucaguucuU	1	1	seq
. acccauggggcucaguucuU	2	1	seq
. acccauggggcucaguuuUuc	1	1	seq
. acccauggggcucagGucuuc	1	1	seq
. acccauggUgcucaguucuuc	1	1	seq
. acccauggggcucaguucuUA	1	1	seq
. acccauggggcucaguucuuc	684	0	seq
. acccauggggcucaguucuuca	30	0	seq
. acccauggggcucaguucuucU	93	1	seq

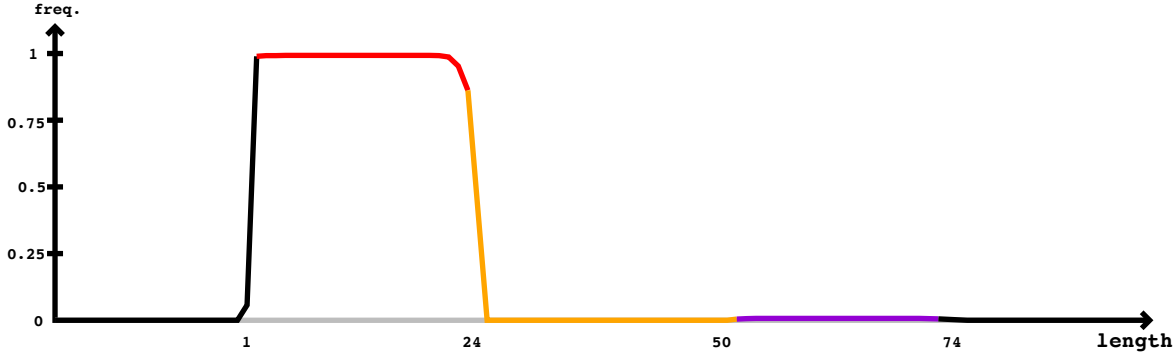
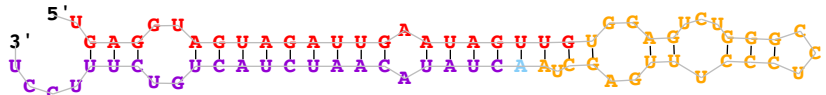
Mature

Star

gucguuuauucucagcuu **ugagaacugaauccauggguug** **uaauugaaucgcugucag** **accauggggcucaguucuc** **agcuuggauuuucugucucauacaca**

.....accauggggcucaguucuaU.....	1	1	seq
.....accauggggcucaguucuaA.....	8	1	seq
.....accauggggcucaguucuaC.....	1	1	seq

Provisional ID : mun-let-7e
 Score total : 587.2
 Score for star read(s) : 3.9
 Score for read counts : 576.7
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 1143
 Mature read count : 1135
 Loop read count : 0
 Star read count : 8



Mature

Star

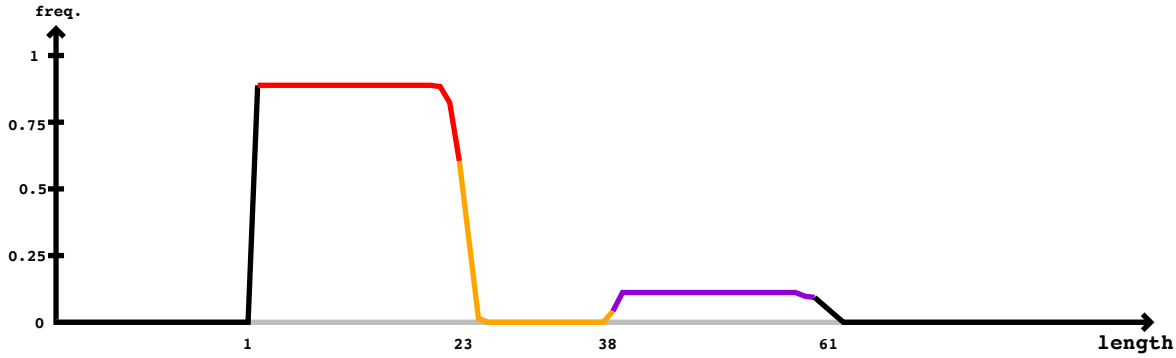
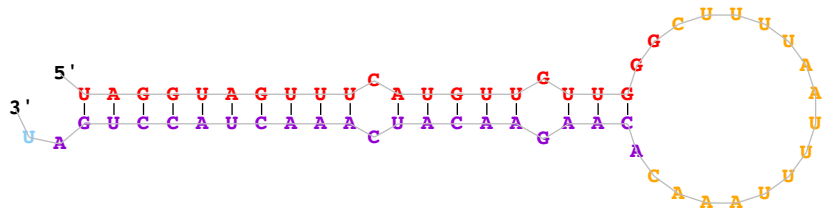
5' -	reads	mm	sample	-3'	obs
ccaagcuguccuugaggc ugagguaguagauugaauaguuguggagucugggccuccuuugagcuaa cuauacaaucaucugucuuuccuaaggagacagucaggguuuc	1	1	seq		
ccaagcuguccuugaggc ugagguaguagauugaauaguuguggagucugggccuccuuugagcuaa cuauacaaucaucugucuuuccuaaggagacagucaggguuuc	1	1	seq		
.....cugagguaguagauugaauU.....	1	1	seq		
.....cugagguaguagauugaauA.....	1	1	seq		
.....cugagguagGagauugaauagu.....	1	1	seq		
.....cugagguaguagauugaauGgu.....	1	1	seq		
.....cugaUguaguagauugaauagu.....	1	1	seq		
.....cugagguaguagauugaauagA.....	3	1	seq		
.....cugagguaguagauuCaauagu.....	1	1	seq		
.....cugagguaguagauugUauagu.....	2	1	seq		
.....cugagguaguagauugUauaguu.....	14	1	seq		
.....cugagguaguagauugaauaguA.....	3	1	seq		
.....cugagguagCagauugaauaguu.....	1	1	seq		
.....cugagguagGagauugaauaguu.....	1	1	seq		
.....cugagguagAagauugaauaguu.....	1	1	seq		
.....cugagguaguagauugaauaguuA.....	5	1	seq		
.....cugagguaguagauugaauaguuU.....	29	1	seq		
.....ugaggAaguagauugaauag.....	1	1	seq		
.....ugagguaguagauugaauA.....	2	1	seq		
.....ugagguaguagauugaauu.....	2	1	seq		
.....ugagguaguGgauugaauagu.....	1	1	seq		
.....ugagguaguagGuugaauagu.....	2	1	seq		
.....ugagguaguagauugaaCagu.....	1	1	seq		
.....ugaUguaguagauugaauagu.....	1	1	seq		
.....ugagguaguagauugaauuU.....	1	1	seq		
.....ugaggCaguagauugaauagu.....	2	1	seq		
.....ugagguaguagauugaauagA.....	10	1	seq		
.....ugagguaguagauugaauagG.....	1	1	seq		
.....ugaggAaguagauugaauagu.....	1	1	seq		
.....ugagguagCagauugaauagu.....	1	1	seq		
.....uAagguaguagauugaauagu.....	1	1	seq		
.....Agagguaguagauugaauagu.....	1	1	seq		
.....ugagguaguaUauugaauagu.....	1	1	seq		
.....ugagguaguagauugGauagu.....	1	1	seq		
.....ugagguGguagauugaauagu.....	1	1	seq		

Mature

Star

cccaagcuguccuugagggcugagguaguagauugaauaguuguggagucugggccuccuuugagcuaa			
.....Ggagguaguagauugaauagu.....	1	1	seq
.....ugaggGaguagauugaauagu.....	2	1	seq
.....ugagguCuagauugaauagu.....	1	1	seq
.....ugagguUuagauugaauagu.....	1	1	seq
.....ugagguaguagauugaauaguA.....	15	1	seq
.....ugagguaguagauugCauaguu.....	1	1	seq
.....ugagCuaguagauugaauagu.....	1	1	seq
.....ugagguaguagauuAaauaguu.....	2	1	seq
.....ugagguaguagaCugaauaguu.....	1	1	seq
.....ugagguGguagauugaauaguu.....	1	1	seq
.....ugagguaguagauugaGuaguu.....	3	1	seq
.....ugagguaguagauugaauUuu.....	1	1	seq
.....ugagguaguagauuAaauaguu.....	1	1	seq
.....ugagguaguagauAgaauaguu.....	1	1	seq
.....ugaggCaguagauugaauaguu.....	5	1	seq
.....ugaggGaguagauugaauaguu.....	8	1	seq
.....Ggagguaguagauugaauaguu.....	4	1	seq
.....ugagguaguGgaugaauaguu.....	1	1	seq
.....Cgagguaguagauugaauaguu.....	2	1	seq
.....ugaggAaguagauugaauaguu.....	7	1	seq
.....ugagguaguagauugaauaguC.....	2	1	seq
.....ugagguaguaUauugaauaguu.....	1	1	seq
.....Agagguaguagauugaauaguu.....	3	1	seq
.....ugagguaguagauugaauaguu.....	1	1	seq
.....ugagguaguagauugaauagGu.....	2	1	seq
.....ugagguaguagauugaauaCuu.....	1	1	seq
.....ugagguaguagauugaauagG.....	1	1	seq
.....ugagguagCagauugaauaguu.....	1	1	seq
.....uAgguaguagauugaauaguu.....	2	1	seq
.....ugagguaguUgauugaauaguu.....	1	1	seq
.....ugagguaguagauugaUuaguu.....	1	1	seq
.....ugagUuaguagauugaauaguu.....	1	1	seq
.....ugagguaguagGuugaauaguu.....	1	1	seq
.....ugagguaguagauugGauaguu.....	11	1	seq
.....ugagguaguagauugaauaguuA.....	264	1	seq
.....ugagguaguagauugaauaguuC.....	6	1	seq
.....ugagguaguagauugaauaguuU.....	656	1	seq
.....ugagguaguagauugaauaguuUu.....	10	1	seq
.....ugagguaguagauugaauaguuAu.....	11	1	seq
.....gagguaguagauugaauaguuU.....	2	1	seq
.....gagguaguagauugaauaguuA.....	1	1	seq
.....gguaguagauugaauaguuU.....	1	1	seq
.....cuauacaGucucugucuuu.....	1	1	seq
.....cCauacaauucucugucuuuc.....	1	1	seq
.....cuauacaauucucugucuuuccA.....	3	1	seq
.....uauacaauucucugucuuuccC.....	1	1	seq
.....uauacaauucucugucuuuccuU.....	1	1	seq
.....auacaauucucugucuuuccuU.....	1	1	seq

Provisional ID : mun-miR-196
 Score total : 113.4
 Score for star read(s) : 3.9
 Score for read counts : 103.6
 Score for mfe : 1.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 215
 Mature read count : 191
 Loop read count : 0
 Star read count : 24



Mature **Star**

5' -	obs	mm	sample
cuagaacugcucggugaau <u>uagguaguuucauguuguuggg</u> cuuuuaauuuuaaac <u>acaagaacaucaaaacuaccga</u> uuuacuccaguuauuccuccugcucuguuuugcug	reads	mm	sample
cuagaacugcucggugaau <u>uagguaguuucauguuguuggg</u> cuuuuaauuuuaaac <u>caagaacaucaaaacuaccga</u> uuuacuccaguuauuccuccugcucuguuuugcug	1	0	seq
.....(((((((.....((((((((((((((((((((.....(((((((.....)))))))))))))))))))).....)).....)).....	13	0	seq
.....uagguaguuucauguuguu.....	45	0	seq
.....uagguaguuucauguuguug.....	1	1	seq
.....uagguagCuucauguuguugg.....	1	1	seq
.....uagguaguuucauguuguuggU.....	3	1	seq
.....uagguaguuucauguuguuggA.....	13	1	seq
.....uagguaguuucauguuguuggg.....	77	0	seq
.....uagguaguuucauguuguugggU.....	34	1	seq
.....uagguaguuucauguuguugggUu.....	3	1	seq
.....acaagaacaucaaaacuaccg.....	1	0	seq
.....acaagaacaucaaaacuaccga.....	8	0	seq
.....caagaacaucaaaacuaccu.....	2	0	seq
.....caagaacaucaaaacuaccug.....	1	0	seq
.....caagaacaucaaaacuaccuga.....	6	0	seq
.....caagaacaucaaaacuaccugau.....	5	0	seq
.....caagaacaucaaaacuaccugauu.....	1	0	seq

Mature

Star

ucauauuggacuuuccuaguccugagaccuaacuugugagguuuuuuagcaacaaucaagaucaggcucugggaccuaggcggagggaaccagcagcuuggacu			
.....uccugagaccGuaacuugu.....	1	1	seq
.....uccugagaccCacuugu.....	2	1	seq
.....Accugagaccuaacuugu.....	9	1	seq
.....uAccugagaccuaacuugu.....	2	1	seq
.....uUccugagaccuaacuugu.....	4	1	seq
.....ucAcugagaccuaacuugu.....	4	1	seq
.....uccGugagaccuaacuugu.....	2	1	seq
.....uccugagaccuaacuGgu.....	1	1	seq
.....uccugagaccuaacCugu.....	2	1	seq
.....uccugagaccAuaacuugu.....	1	1	seq
.....uccugagaccUuaacuugu.....	31	1	seq
.....uccugagaAccuaacuugu.....	3	1	seq
.....uccGgagaccuaacuugu.....	1	1	seq
.....uccugagaccUuaacuugu.....	4	1	seq
.....uccugagaccuaacuUu.....	4	1	seq
.....uccugagaccuaacuugC.....	2	1	seq
.....uccugagaccuaaUuugu.....	3	1	seq
.....uccugaUaccuaacuugu.....	5	1	seq
.....Accugagaccuaacuugug.....	4	1	seq
.....uccugagaUccuaacuugug.....	1	1	seq
.....uccugagaccuaacCugug.....	2	1	seq
.....ucccuAagaccuaacuugug.....	1	1	seq
.....ucccuUagaccuaacuugug.....	1	1	seq
.....uccugagaccCaacuugug.....	1	1	seq
.....ucUcugagaccuaacuugug.....	1	1	seq
.....uccugagaccuaacuuguA.....	115	1	seq
.....uccugagGccuaacuugug.....	1	1	seq
.....uccugagacUcuaacuugug.....	94	1	seq
.....uccugagaccuaaUuugug.....	1	1	seq
.....uccugagaccUuaacuugug.....	1	1	seq
.....uUccugagaccuaacuugug.....	6	1	seq
.....uccugagaccuaacuAug.....	1	1	seq
.....uccugagaccAuaacuugug.....	1	1	seq
.....uccugGgaccuaacuugug.....	1	1	seq
.....uccugagaccuaacuuguU.....	119	1	seq
.....Gccugagaccuaacuugug.....	4	1	seq
.....uccugagaccuaaAugug.....	3	1	seq
.....uccugCgaccuaacuugug.....	1	1	seq
.....ucGcugagaccuaacuugug.....	1	1	seq
.....ucAcugagaccuaacuugug.....	5	1	seq
.....uccugagaccuaacuugGg.....	6	1	seq
.....uccugaCaccuaacuugug.....	1	1	seq
.....uccugaUaccuaacuugug.....	2	1	seq
.....Cccugagaccuaacuugug.....	4	1	seq
.....uccAugagaccuaacuugug.....	3	1	seq
.....uccUugagaccuaacuugug.....	1	1	seq
.....uccugagaccuaacuugAg.....	2	1	seq
.....uccugagaccuGacuugug.....	1	1	seq
.....uccugagaccuaacuUuga.....	6	1	seq
.....uccugagaccuaacuugugC.....	98	1	seq
.....uccugagaccuaacuugCga.....	6	1	seq
.....uccugagaccuaacuugugG.....	3977	1	seq
.....uccugagaccuGacuuguga.....	4	1	seq
.....uccugagacUcuaacuuguga.....	1942	1	seq
.....uccugagaccuaacuuguCa.....	3	1	seq
.....uccugagaccuaaAuguga.....	3	1	seq
.....uccugagaUccuaacuuguga.....	3	1	seq
.....uccugagaccuaacuUCuga.....	3	1	seq
.....Gccugagaccuaacuuguga.....	17	1	seq
.....ucUcugagaccuaacuuguga.....	1	1	seq
.....uccugaUaccuaacuuguga.....	4	1	seq
.....uccAugagaccuaacuuguga.....	4	1	seq
.....uccugagaccAuaacuuguga.....	4	1	seq
.....Cccugagaccuaacuuguga.....	9	1	seq
.....uccugagaccuaGcuuguga.....	3	1	seq
.....ucGcugagaccuaacuuguga.....	2	1	seq
.....uccugagaccuaacuuguUa.....	10	1	seq
.....uccugagaccuaacCuguga.....	4	1	seq
.....uccugagaccuaacAuguga.....	1	1	seq
.....uccugagaccAuaacuuguga.....	8	1	seq
.....uccugaAaccuaacuuguga.....	1	1	seq

Mature

Star

uc <u>au</u> auuggacuuuuccuag <u>ucccugagacc</u> cu <u>aa</u> cu <u>ugugag</u> guuuuuuagca <u>aca</u> au <u>caca</u> agucaggcucuugggaccuaggcgagggggaaccagcagcuuggacu			
.....uccugagaccu <u>aa</u> U <u>u</u> uguga.....	3	1	seq
.....ucccCgagaccu <u>aa</u> cu <u>ug</u> uga.....	5	1	seq
.....ucA <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....uG <u>cc</u> ugagaccu <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....uccG <u>u</u> gagaccu <u>aa</u> cu <u>ug</u> uga.....	2	1	seq
.....ucccugagG <u>cc</u> u <u>aa</u> cu <u>ug</u> uga.....	5	1	seq
.....ucccugagaccu <u>aa</u> U <u>cu</u> uguga.....	2	1	seq
.....ucccuA <u>g</u> agaccu <u>aa</u> cu <u>ug</u> uga.....	4	1	seq
.....uAcc <u>u</u> gagaccu <u>aa</u> cu <u>ug</u> uga.....	2	1	seq
.....uccU <u>g</u> agaccu <u>aa</u> cu <u>ug</u> uga.....	3	1	seq
.....ucccugagU <u>cc</u> u <u>aa</u> cu <u>ug</u> uga.....	2	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> G <u>g</u>	16	1	seq
.....uU <u>cc</u> ugagaccu <u>aa</u> cu <u>ug</u> uga.....	13	1	seq
.....Acc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> uga.....	17	1	seq
.....ucccugagacc <u>cc</u> Ca <u>aa</u> cu <u>ug</u> uga.....	5	1	seq
.....ucccuU <u>g</u> agaccu <u>aa</u> cu <u>ug</u> uga.....	2	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> uA <u>aa</u>	343	1	seq
.....ucccugagC <u>cc</u> u <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> A <u>g</u>	4	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> U.....	2776	1	seq
.....ucccugGgaccu <u>aa</u> cu <u>ug</u> uga.....	3	1	seq
.....ucccugCgaccu <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....ucccAgagaccu <u>aa</u> cu <u>ug</u> uga.....	3	1	seq
.....ucccugagaccU <u>aa</u> cu <u>ug</u> uga.....	24	1	seq
.....ucccugagaA <u>cc</u> u <u>aa</u> cu <u>ug</u> uga.....	4	1	seq
.....ucccuCagaccu <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> uA <u>ag</u>	1	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> Ug.....	7	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> ugaA.....	23916	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> ugagU.....	35	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> ugaA <u>g</u>	154	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> ugagA.....	18	1	seq
.....ucccugagaccu <u>aa</u> cu <u>ug</u> ugaA <u>gu</u>	3	1	seq
.....cc <u>cu</u> gagC <u>cc</u> u <u>aa</u> cu <u>ug</u> u.....	1	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> G <u>u</u>	1	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> A.....	1	1	seq
.....cc <u>cu</u> gagacU <u>cu</u> u <u>aa</u> cu <u>ug</u> u.....	2	1	seq
.....U <u>cc</u> ugagaccu <u>aa</u> cu <u>ug</u> u.....	1	1	seq
.....U <u>cc</u> ugagaccu <u>aa</u> cu <u>ug</u> uga.....	3	1	seq
.....cc <u>cu</u> Cagaccu <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> U <u>u</u> uguga.....	2	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> c <u>u</u> guga.....	1	1	seq
.....cc <u>cu</u> gagaccU <u>aa</u> cu <u>ug</u> uga.....	2	1	seq
.....cc <u>cu</u> gagacU <u>cu</u> u <u>aa</u> cu <u>ug</u> uga.....	30	1	seq
.....G <u>cc</u> ugagaccu <u>aa</u> cu <u>ug</u> uga.....	2	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> U.....	5	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> G.....	209	1	seq
.....cc <u>cu</u> gagaccA <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....Acc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....cc <u>cu</u> Uagaccu <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> ugaA.....	959	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> ugaA <u>g</u>	10	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> ugagA.....	2	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> G.....	7	1	seq
.....cc <u>cu</u> gagacU <u>cu</u> u <u>aa</u> cu <u>ug</u> uga.....	1	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> uA <u>aa</u>	1	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> U.....	1	1	seq
.....cc <u>cu</u> gagaccu <u>aa</u> cu <u>ug</u> ugaA.....	11	1	seq
.....c <u>u</u> gagaccu <u>aa</u> cu <u>ug</u> G.....	1	1	seq
.....c <u>u</u> gagaccu <u>aa</u> cu <u>ug</u> ugaA.....	2	1	seq
.....u <u>g</u> agaccu <u>aa</u> cu <u>ug</u> G.....	7	1	seq
.....u <u>g</u> agaccu <u>aa</u> cu <u>ug</u> U.....	1	1	seq
.....u <u>g</u> agaccu <u>aa</u> cu <u>ug</u> ugaA.....	6	1	seq
.....gguuuuuuagca <u>aca</u> au <u>c</u>	1	0	seq
.....ucacaagucaggcucuugggga.....	1	0	seq
.....ucacaagucaggcucuugggac.....	7	0	seq
.....ucacaagucaggcucuugggacA.....	1	1	seq
.....ucacaagucaggcucuugggacU.....	35	1	seq
.....ucacaagucaggcucuugggacc.....	1	0	seq
.....cacaagucaggcucuugggac.....	2	0	seq

Mature

Star

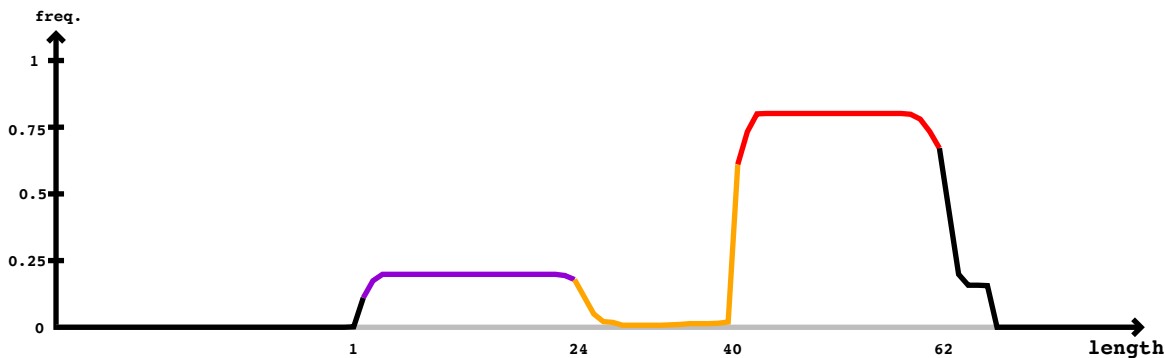
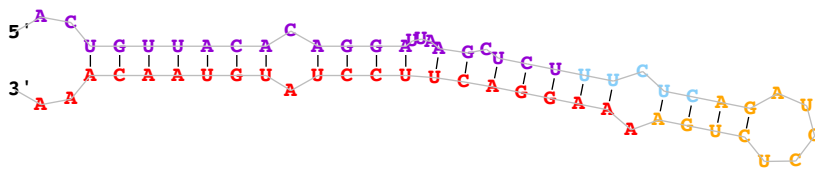
Sequence	Count	Count	Label
ucauauuggacuuuccuagucccugagaccuaacuugugagguuuuuuagcaacaauccaagucaggcucuugggaccuaggcggagggaaccagcagcuuggacu			
.....cacaagucaggcucuugggacA.....	1	1	seq
.....cacaagucaggcucuugggacc.....	1	0	seq
.....cacaagucaggcucuugggacU.....	18	1	seq
.....acaagucaggcucuuggg.....	2	0	seq
.....acaagucaggcucuuggga.....	9	0	seq
.....acaagucaggcucuugggac.....	165	0	seq
.....acaagucaggcucuugggaA.....	10	1	seq
.....acaagucaggcucuCgggac.....	1	1	seq
.....acaagucaggcucuugggaU.....	5	1	seq
.....acaagucaggcucuugCgacc.....	1	1	seq
.....acaagucaggcucuugggacc.....	942	0	seq
.....acaagucaggcucuugggacU.....	2198	1	seq
.....Ccaagucaggcucuugggacc.....	1	1	seq
.....acaagGcaggcucuugggacc.....	1	1	seq
.....acaagAcaggcucuugggacc.....	2	1	seq
.....acaagucaggcucuugggacG.....	7	1	seq
.....acaagucaggcucuugggacA.....	63	1	seq
.....Gcaagucaggcucuugggacc.....	3	1	seq
.....Gcaagucaggcucuugggaccu.....	2	1	seq
.....acaagucGggcucuugggaccu.....	1	1	seq
.....acaagucaggcucuugggaUcu.....	1	1	seq
.....Ucaagucaggcucuugggaccu.....	1	1	seq
.....acaagGcaggcucuugggaccu.....	2	1	seq
.....acaagCcaggcucuugggaccu.....	1	1	seq
.....acaagucaggcucuugCgaccu.....	1	1	seq
.....acaagucaggcucuugggaccG.....	49	1	seq
.....acaagucaggAucucugggaccu.....	1	1	seq
.....acaagucaUgcucuugggaccu.....	1	1	seq
.....acaagucaggcucuugggaccu.....	1833	0	seq
.....Ccaagucaggcucuugggaccu.....	1	1	seq
.....acaagucaggcucuugggacUu.....	12	1	seq
.....acaagucaggcucuugggaccA.....	50	1	seq
.....acaagucaggcucuugggaccC.....	1	1	seq
.....acaagucaggcucuugggaccuC.....	9	1	seq
.....acaagucaggcucuugggaccua.....	46	0	seq
.....acaagucaggcucuugggaccuU.....	565	1	seq
.....acaagucaggcucuugggaccuaC.....	1	1	seq
.....acaagucaggcucuugggaccuaU.....	24	1	seq
.....caagucaggcucuugggaA.....	1	1	seq
.....caagucaggcucuugggac.....	2	0	seq
.....caagucaggcucuugggacU.....	4	1	seq
.....caagucaggcucuugggacc.....	21	0	seq
.....caagucaggcucuugggaccG.....	2	1	seq
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.....caagucaggcucuugggaccu.....	53	0	seq
.....caagucaggcucuugggaccuU.....	13	1	seq
.....caagucaggcucuugggaccua.....	1	0	seq
.....aagucaggcucuugggacU.....	1	1	seq

Mature

Star

gaagcugugcauccggguugagguaguagguuguagguuuagaguuacacccugggaguuacuguaacaacuuuagcuuuccuuggagcacacuugagccauc			
.....ugagguaguGgguuguauugguu.....	3	1	seq
.....ugaggAaguagguuguauugguu.....	5	1	seq
.....ugagguaguagCuuguauugguu.....	2	1	seq
.....ugagguaguagguuguauuggCu.....	2	1	seq
.....Agagguaguagguuguauugguu.....	4	1	seq
.....uUagguaguagguuguauugguu.....	1	1	seq
.....ugagguuaUuagguuguauugguu.....	1	1	seq
.....ugagguaguagAuuuguauugguu.....	2	1	seq
.....ugagguaguagguuguauugguC.....	1	1	seq
.....ugagguGguagguuguauugguu.....	3	1	seq
.....ugagguaguauUguuguauugguu.....	1	1	seq
.....ugagCuaguagguuguauugguu.....	1	1	seq
.....ugagguaguagguuguauUgguuu.....	1	1	seq
.....ugaUguaguagguuguauugguu.....	1	1	seq
.....ugagguaguagguAuuuguauugguu.....	1	1	seq
.....ugagguaguagguuguauUuu.....	1	1	seq
.....ugagguaguagguuguauAuu.....	1	1	seq
.....Cgagguaguagguuguauugguu.....	4	1	seq
.....ugagguaguagguuguauCguu.....	1	1	seq
.....ugagguaguagguuguauugguuG.....	25	1	seq
.....ugagguaguagguuguauugguuC.....	1	1	seq
.....ugagguaguagguuguauUguuu.....	1	1	seq
.....ugagguaguagguuguauugguG.....	1	1	seq
.....ugagUuaguagguuguauugguuu.....	1	1	seq
.....ugagguaguagguuguauuggGuu.....	2	1	seq
.....ugagguaguagguuguauCguuu.....	2	1	seq
.....ugagguaguagguuuUuauugguuu.....	1	1	seq
.....ugagguaguagguuguauugguA.....	33	1	seq
.....ugagguaguagguuguauugguuA.....	122	1	seq
.....ugagguCguagguuguauugguuu.....	1	1	seq
.....ugagguaguauUguuguauugguuu.....	1	1	seq
.....Ggagguaguagguuguauugguuu.....	2	1	seq
.....ugagguaguagguuguauugguuu.....	833	0	seq
.....ugagguaguagguuguauugguuua.....	4	0	seq
.....ugagguaguagguuguauugguuuG.....	1	1	seq
.....ugagguaguagguuguGugguuua.....	7	1	seq
.....ugagguaguagguuguauugguuA.....	2	1	seq
.....ugagguaguagguuguauugguuuU.....	64	1	seq
.....ugagguaguagguuguauugguuuC.....	1	1	seq
.....ugagguaguagguuguauugguuuagaguuacU.....	1	1	seq
.....ugagguaguagguuguauugguuuagaguuacacU.....	1	1	seq
.....gaggGaguagguuguauugguu.....	1	1	seq
.....agguaguagguuguauugguu.....	1	0	seq
.....agguaguagguuguauugguuu.....	1	0	seq
.....uagaguuacacccugggaguuuA.....	1	1	seq
.....acacccugggaguuaacuguaacaacuuuagcuuuccu.....	1	0	seq
.....accugggaguuaacuguaacaacuuu.....	1	0	seq
.....ccugggaguuaacuguaacaacuu.....	1	0	seq
.....cuguacaacuuuagcuuuccA.....	1	1	seq
.....cuguacaacuuuagcuuuccu.....	4	0	seq

Provisional ID : mun-novel43
 Score total : 0
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 0.3
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 650
 Mature read count : 520
 Loop read count : 0
 Star read count : 130



Star

Mature

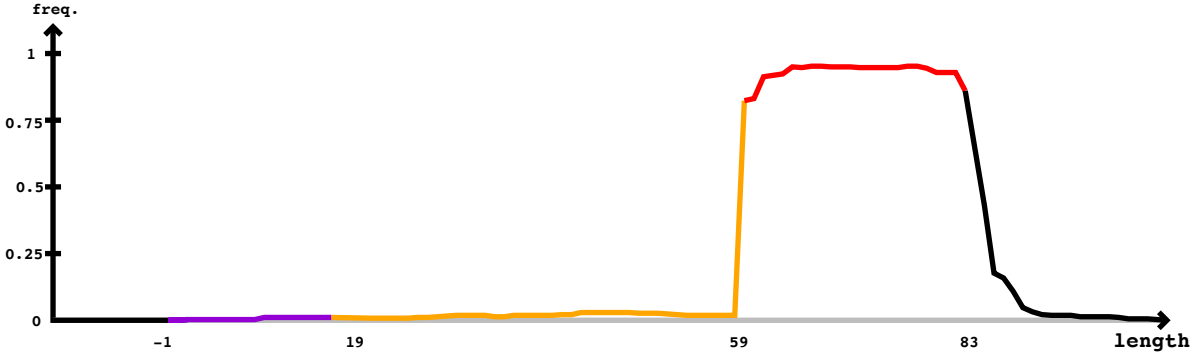
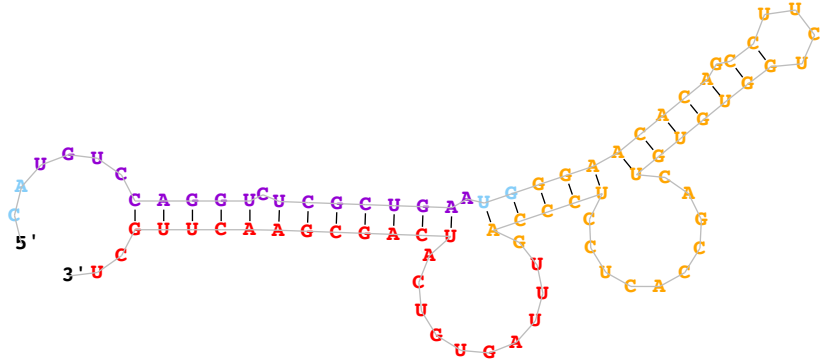
5' -		-3'	obs		
			exp	reads	mm
caguugcaguuuuccucuguggcaaaaac	Star UUCGUUAACA	Mature CGAAGGACUCCUAUGUAACAACA			
caguugcaguuuuccucuguggcaaaaac	Star UGUAACACAGGAUUAAGCUCU	Mature CGAAGGACUCCUAUGUAACAACA			
..(((..(((.....)))..)).....(((((((.....(((.....)))..)))))))).....					
.....aacguuacacaggauuaagcucu.....				1	0
.....acguuacacaggauuaagcu.....				1	0
.....acguuacacaggauuaagcuc.....				10	0
.....acguuacacaggauuaagcucu.....				49	0
.....acguuacacaggauuaagcucu.....				9	0
.....acguuacacaggauuaagcucuu.....				3	0
.....cuguuacacaggauuaagcu.....				2	0
.....cuguuacacaggauuaagcucu.....				18	0
.....cuguuacacaggauuaagcucu.....				5	0
.....cuguuacacaggauuaagcucuu.....				12	0
.....cuguuacacaggauuaagcucuu.....				5	0
.....uguuacacaggauuaagcucu.....				3	0
.....uguuacacaggauuaagcucuu.....				5	0
.....uguuacacaggauuaagcucuu.....				4	0
.....uguuacacaggauuaagcucuu.....				3	0
.....uguuacacaggauuaagcucuu.....				1	0
.....cucagauccucugaaaaggacuuccuauguaacaCC.....				1	1
.....ucagauccucugaaaaggacuuccuauguaaca.....				1	0
.....ucagauccucugaaaaggacuuccuauguaacaacaC.....				1	0
.....cagauccucugaaaaggacuuccuauguaacaAU.....				1	1
.....ccucugaaaaggacuuccuauguaacaaca.....				1	0
.....cucugaaaaggacuuccuauguaacaaca.....				2	0
.....ucugaaaaggacuuccuauguaacaaca.....				2	0
.....gaaaaggacuuccuauguaacaacU.....				1	1
.....aaaaggacuuccuauguaacU.....				1	1
.....Caaaggacuuccuauguaaca.....				1	1
.....aaaaggacuuccuauguaacaaca.....				1	0
.....aaaggacuuccuauguaa.....				2	0
.....aaaggacuuccuauguaaA.....				1	1
.....aaaggacuuccuauguaac.....				11	0
.....aaaggacuuccuauguaaca.....				23	0
.....aaaggacuuccuauguaacU.....				5	1
.....aaaggacuuccuauguaaG.....				1	1

Star

Mature

caguugcaguauucccucuguggcaaa	aaacuguuacacaggauaagcucu	uuucucagauccucuga	aaaggacuuccu	auguaacaaa	caacauaagcuuuuaucu			
.....	.....	.....	.....	.....	.....	39	0	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	8	1	seq
.....	.....	.....	.....	.....	.....	203	1	seq
.....	.....	.....	.....	.....	.....	39	0	seq
.....	.....	.....	.....	.....	.....	27	1	seq
.....	.....	.....	.....	.....	.....	5	0	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	21	1	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	6	1	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	73	0	seq
.....	.....	.....	.....	.....	.....	12	1	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	10	1	seq
.....	.....	.....	.....	.....	.....	20	0	seq
.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	1	0	seq

Provisional ID : mun-novel90
 Score total : 1.1
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.4
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 354
 Mature read count : 346
 Loop read count : 7
 Star read count : 1



Star

Mature

5' -	obs	reads	mm	sample
aacucuccagcauguccaggucucgcugaaugggaacacagccuucuggugugucagccacucucccaguuuagugucaucagcgaacuugcu	-3'	1	0	seq
aacucuccagcauguccaggucucgcugaaugggaacacagccuucuggugugucagccacucucccaguuuagugucaucagcgaacuugcu	exp	3	0	seq
.....uguccaggucucgcugaa.....	1	0	seq
.....ucucgcugaaugggaacacagccu.....	1	0	seq
.....cacagccuucuggugugucagccacucucccaguuuagu.....	1	0	seq
.....cagccuucuggugugucagccacucc.....	1	0	seq
.....agccuucuggugugucagccacu.....	1	0	seq
.....gccuucuggugugucagcc.....	1	0	seq
.....ucuggugucagccacuc.....	1	0	seq
.....uggugugucagccacuccc.....	1	0	seq
.....uggugugucGgccacucucccaguu.....	1	1	seq
.....ugucagccacucucccaguuCaguguc.....	1	1	seq
.....ucagccacucucccaguu.....	1	0	seq
.....ucagccacucucccaguuuaguguca.....	1	0	seq
.....ucagccacucucccaguuuagugucauc.....	1	0	seq
.....aguuuagugucaucagcgaacuugcu.....	1	0	seq
.....uuCagugucaucagcgaac.....	2	1	seq
.....uuuagugucaucagcgaac.....	1	0	seq
.....uuCagugucaucagcgaacu.....	3	1	seq
.....uuuagugucaucagcgaacu.....	5	0	seq
.....uuuagugucaucagcgaacuugcu.....	11	0	seq
.....uuuagugucaucagcAaacuugcu.....	3	1	seq
.....uuuagugucCucagcgaacuugcu.....	1	1	seq
.....uuuagugucaucUcgaacuugcu.....	1	1	seq
.....uuCagugucaucagcgaacuugcu.....	8	1	seq
.....uuuagugucaucagUgaacuugcu.....	44	1	seq
.....uuuagugucaAacagcgaacuugcu.....	1	1	seq
.....uCuagugucaucagcgaacuugcu.....	1	1	seq
.....Cuagugucaucagcgaacuugcu.....	1	1	seq
.....uuuagugucauGagcgaacuugcu.....	1	1	seq
.....uuuagugucaucagcgaacuUcu.....	1	1	seq
.....uuuagugucaucagcCaacuugcu.....	1	1	seq
.....uuuagugucaucagcgaacuAcu.....	8	1	seq
.....uuuagugucauUagcgaacuugcu.....	1	1	seq
.....uuuagugucaucagcgaacuugcu.....	67	0	seq

Star

Mature

aacuccaggcauguccaggucgcugaaugggaacacagccuuucuggugucagccacuccccaguuuagugucaucagcgaacuugcu

uuuagugucaucagcgaacuGgcu	2	1	seq
uuuagugucaucagcAgaacuugcu	1	1	seq
uuuagugucaucagcAaacuugcug	5	1	seq
uuuagugucaucagcgaacuAcug	1	1	seq
uuuagugucaucagcCaacuugcug	1	1	seq
uuuagugucaucagcGcuugcug	1	1	seq
uuuagugucaucagcgaacuugcug	5	0	seq
uuuagugucaucagUgaacuugcug	4	1	seq
uuuagugucaucagcgaacuugcugU	7	1	seq
uuuagugucaucagAgaacuugcuga	7	1	seq
uuuagugucaucGgccaacuugcuga	1	1	seq
uuuagugucaucagUgaacuugcuga	52	1	seq
uuuagugucaucagcgaacuugcuga	7	0	seq
uuuagugucaucagcgaacuugcugC	1	1	seq
uuuagugucaucagcgaacuAcuga	9	1	seq
uuuagugucaucaAcaacuugcuga	1	1	seq
uuCagugucaucagcgaacuugcuga	1	1	seq
uuuagugucaucagcAaacuugcuga	1	1	seq
uuuagugucaucagcCaacuugcuga	1	1	seq
uuuagugucaucagUgaacuugcugag	1	1	seq
uuuagugucaucagcAaacuugcugag	1	1	seq
uuuagugucaucagcgaacuugcugCg	1	1	seq
uuuagugucaucagcgaacuugcugag	2	0	seq
uuuagugucaucagcgaacuAcugagg	2	1	seq
uuuagugucaucagcgaacuugcugagg	3	0	seq
uuCagugucaucagcgaacuugcugagg	1	1	seq
uuuagugucaucagUgaacuugcugagg	6	1	seq
uuuagugucaucagAgaacuugcugagg	2	1	seq
uuuagugucaAcagcgaacuugcugagg	1	1	seq
uuuagugucaucagcgaacuugcugagg	4	0	seq
uuuagugucaucagUgaacuugcugagg	7	1	seq
uuuagugucaucagcgaacuAcugagg	2	1	seq
uuuagugucaucagUgaacuugcugagggu	2	1	seq
uuuagugucaucagcgaacuugcugagggu	1	0	seq
uuagugucaucagcgaacu	1	0	seq
uuagugucaucagcgaacuugc	1	0	seq
uuagugucaucagcgaacuugcu	1	0	seq
uuagugucaucagcgaacuugcugag	1	0	seq
uuagugucaucagUgaacuugcugagg	1	1	seq
Cagugucaucagcgaacuugc	1	1	seq
uagugucaucagUgaacuugcu	1	1	seq
uagugucaucagcAaacuugcu	1	1	seq
uagugucaucagUgaacuugcug	2	1	seq
uagugucaucagcgaacuugcuga	1	0	seq
uagugucaucagUgaacuugcuga	6	1	seq
uagugucaucagUgaacuugcugagg	2	1	seq
uagugucaucagcgaacuugcugagg	2	0	seq
uagugucaucagcgaacuugcugagA	2	1	seq
uagugucaucagcgaacuugcugagg	2	0	seq
uagugucaucagUgaacuugcugagg	4	1	seq
uagugucaucagUgaacuugcugagggu	1	1	seq
uagugucaucagcgaacuAcugagggu	1	1	seq
uagugucaucagcgaacuAcugagggua	2	1	seq
uagugucaucagAgaacuugcugagggua	1	1	seq
uagugucaucagUgaacuugcugagggua	1	1	seq
uagugucaucagcgaacuAcugaggguac	1	1	seq
agugucaucagcgaacuugc	1	0	seq
agugucaucagcAaacuugcugag	1	1	seq
gugucaucagcgaacuugc	2	0	seq
ugucaucCgccaacuugc	1	1	seq
ugucaucagcgaacuugc	5	0	seq
ugucaucagcgaacuugcu	2	0	seq
ugucaucGgccaacuugcuga	1	1	seq
ugucaucGgccaacuugcugagg	1	1	seq
ucaucagcgaacuugcugaggC	1	1	seq
ucaucagcgaacuugcugagCguacacacaguuccc	1	1	seq
ucagcgaacuugcugaggguacacacGguu	1	1	seq
acuugcugaggguacacu	2	0	seq
ugcAagaggguacacacagu	1	1	seq
ugcAagaggguacacacagu	1	1	seq

Star

Mature

aacuccagcauguccaggucgcugaaugggaacacagccuucuggugugucagccacuccuccaguuuagugucaucagcgaacuugcu

.....ugcAgaggguaacacagucccu

1

1

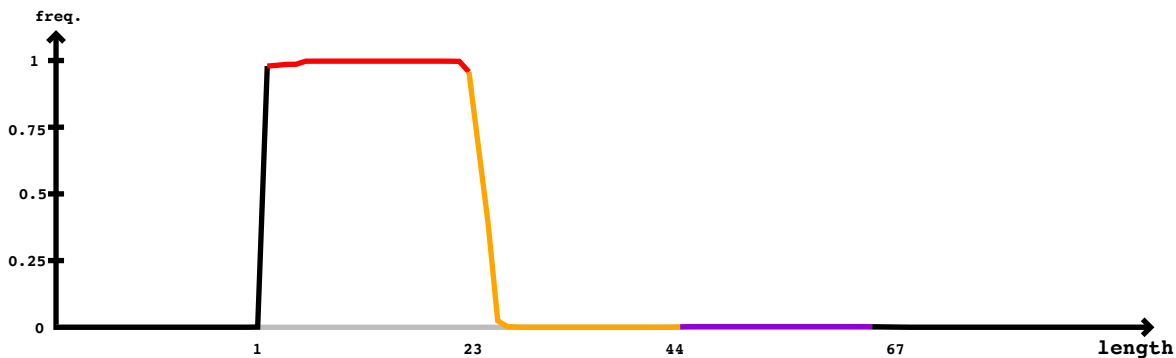
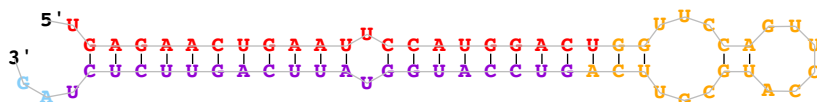
seq

Mature

Star

aaugacagcucuuuguagcacuaaagugcuuaauagugcagguagugucacuaaauacugcauuuaaagcacuuuaaguacugcuagcuguagaacuacauguucagcaugcc			
..... uaaagugcuuaauagugcagAuag	1	1	seq
..... uaaagugcuCauagugcagguag	2	1	seq
..... uaaagugcuuaCagugcagguag	1	1	seq
..... Aaaagugcuuaauagugcagguag	1	1	seq
..... uaaagugcuuaauagCgcagguag	2	1	seq
..... uaaagugcuuaauagugcagguag	2041	0	seq
..... uaaagugcuuaauagugcagguAag	2	1	seq
..... uaaagugcuuaauagugcagguAagu	1	1	seq
..... Aaaagugcuuaauagugcagguagu	1	1	seq
..... uGaaugugcuuaauagugcagguagu	1	1	seq
..... uaaagugcuuaauagugcagguagu	791	0	seq
..... uaaagugcuuaauagugcaUguagu	1	1	seq
..... uaaagugcuuaauagugcagguacu	2	1	seq
..... uaaaUugcuuaauagugcagguagu	1	1	seq
..... uaaagugcuuaauagugcagguauAu	1	1	seq
..... uaaagugcuuaUGugcagguagu	2	1	seq
..... Gaaagugcuuaauagugcagguagu	1	1	seq
..... uaGagugcuuaauagugcagguagu	1	1	seq
..... uaaagugcuuaauagugcagguauU	15	1	seq
..... uaaGgugcuuaauagugcagguagu	1	1	seq
..... uaaagugcuuaauagugcagguagA	73	1	seq
..... uaaagugcuuaauagugcagguaguU	23	1	seq
..... uaaagugcuuaauagugcagguagug	1	0	seq
..... uaaagugcuuaauagugcagguaguA	3	1	seq
..... uaaagugcuuaauagugcagguagugu	1	0	seq
..... uaaagugcuuaauagugcagguaguAu	4	1	seq
..... uaaagugcuuaauagugcagguaguU	6	1	seq
..... uaaagugcuuaauagugcagguaguguU	1	1	seq
..... uaaagugcuuaauagugcagguaguguuc	2	0	seq
..... uaaagugcuuaauagugcagguaguguuca	1	0	seq
..... aaagugcuuaauagugcagguag	1	0	seq
..... aaagugcuuaauagugcagguagu	1	0	seq
..... ugcuCauagugcagguagu	1	1	seq
..... acugcauuuaagcacuuaaa	1	0	seq
..... acugcauuuaagcacuuaaag	2	0	seq
..... acugcauuuaagcacuuaaagu	10	0	seq
..... acugcuagcuguagaacuacauguucagc	1	0	seq

Provisional ID : mun-miR-146a
 Score total : 98802.7
 Score for star read(s) : 3.9
 Score for read counts : 98792
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 193788
 Mature read count : 193356
 Loop read count : 0
 Star read count : 432



Mature

Star

5'	obs	reads	mm	sample
accuuggcaguuccagcucugagaacugaa <u>uuccauggac</u> ugguuccaguu <u>ccaugcguuca</u> guc <u>caugguuu</u> acaguu <u>ucuc</u> uagcuuggcugcaucgaacuacacaacua	exp			
.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....))).....))).....))).....))).....))).....))).....				
.....Aucugagaacugaa <u>uuccauggac</u>	1	1	0	seq
.....ucugagaacugaa <u>uuccauggac</u>	2	0	0	seq
.....ucugagaacugaa <u>uuccauggac</u>	5	0	0	seq
.....ucugagaacugaa <u>uuccauggac</u> g.....	1	0	0	seq
.....ucugagaacugaa <u>uuccauggac</u> U.....	3	1	1	seq
.....ucugagaacugaa <u>uuccauggac</u> A.....	1	1	1	seq
.....cugagaacugaa <u>uucca</u>	1	0	0	seq
.....cugagaacugaa <u>uucca</u> Aga.....	6	1	1	seq
.....cugagaacugaa <u>uucca</u> g.....	6	0	0	seq
.....cugagaacugaa <u>uucca</u> gA.....	1	1	1	seq
.....cugagaacugaa <u>uucca</u> g.....	46	0	0	seq
.....Gugagaacugaa <u>uucca</u> g.....	3	1	1	seq
.....cugagaacugaa <u>uucca</u> g.....	16	0	0	seq
.....cugagaacugaa <u>uucca</u> gA.....	5	1	1	seq
.....cugagaacugaa <u>uucca</u> gU.....	29	1	1	seq
.....cugagaacugaa <u>uucca</u> gUu.....	5	1	1	seq
.....ugagaacugaa <u>uucca</u> g.....	11	0	0	seq
.....ugagaacugaa <u>uucca</u> gA.....	1	1	1	seq
.....ugagaacugaa <u>uucca</u> g.....	35	0	0	seq
.....ugagaacugaa <u>uucca</u> gAga.....	4	1	1	seq
.....ugagaacugaa <u>uucca</u> gga.....	109	0	0	seq
.....ugagaacugaa <u>uucca</u> ggaA.....	168	1	1	seq
.....ugagaacuA <u>uucca</u> g.....	2	1	1	seq
.....ugagaA <u>uucca</u> g.....	2	1	1	seq
.....Ggagaacugaa <u>uucca</u> g.....	7	1	1	seq
.....ugagaacugaa <u>uucca</u> g.....	2	1	1	seq
.....ugagaacugaa <u>uucca</u> g.....	7357	0	0	seq
.....ugagaacugaa <u>uucc</u> Uggac.....	1	1	1	seq
.....ugagaacugaa <u>uucc</u> Uaggac.....	6	1	1	seq
.....ugagaacugaa <u>uucca</u> gA.....	2	1	1	seq
.....uUagaacugaa <u>uucca</u> g.....	2	1	1	seq
.....ugagaacugaa <u>uucca</u> gCc.....	2	1	1	seq
.....ugagaGcugaa <u>uucca</u> g.....	11	1	1	seq

Mature

Star

accuuggcaguuccagcuc	ugagaacugaaauccauggac	ugguuccaguuccaugcguu	caguccaugguauucaguuc	agcuuggcugcaucgaacu	cacaacua			
.....	.Cgagaacugaaauccauggac.....					3	1	seq
.....	.ugagaacugGauuccauggac.....					2	1	seq
.....	.ugaAaacugaaauccauggac.....					1	1	seq
.....	.ugagaacugaaauAcauggac.....					1	1	seq
.....	.ugGgaacugaaauccauggac.....					1	1	seq
.....	.ugagaacugaaauccaGggac.....					1	1	seq
.....	.ugagaacugaaauccaAagac.....					3	1	seq
.....	.uCagaacugaaauccauggac.....					1	1	seq
.....	.ugagaacugaaauccaugUac.....					1	1	seq
.....	.ugagaaUugaauccauggac.....					1	1	seq
.....	.ugagaacugaaaucaAuggac.....					5	1	seq
.....	.ugagaacugaaCuccauggac.....					1	1	seq
.....	.ugagaacugaGuuccauggac.....					1	1	seq
.....	.ugagaacCgaaauccauggac.....					3	1	seq
.....	.Agagaacugaaauccauggac.....					1	1	seq
.....	.ugagaacugaaauccauggaU.....					17	1	seq
.....	.ugagaacugaaauccaUgac.....					3	1	seq
.....	.ugagaacugUauuccauggac.....					1	1	seq
.....	.ugaUaacugaaauccauggac.....					1	1	seq
.....	.ugagaUcugaaauccauggacu.....					3	1	seq
.....	.ugagaacugGauuccauggacu.....					19	1	seq
.....	.ugagaacugaGuuccauggacu.....					23	1	seq
.....	.ugagaacugaaauGcauggacu.....					4	1	seq
.....	.ugGgaacugaaauccauggacu.....					2	1	seq
.....	.ugagaacugaaauUcauggacu.....					25	1	seq
.....	.ugagaacugaaauccaAaggacu.....					6	1	seq
.....	.ugagaacugaUuuccauggacu.....					1	1	seq
.....	.ugagaacugaaUccauggacu.....					7	1	seq
.....	.ugagaaUugaauccauggacu.....					4	1	seq
.....	.uAagaacugaaauccauggacu.....					13	1	seq
.....	.ugagaacGgaauccauggacu.....					2	1	seq
.....	.ugagaacugaaauccauggacG.....					242	1	seq
.....	.ugagaacugaaauAcauggacu.....					14	1	seq
.....	.ugagaacAgaauccauggacu.....					3	1	seq
.....	.ugagaacugaaauccauggacA.....					2008	1	seq
.....	.ugagaacugaaUccauggacu.....					1	1	seq
.....	.ugagaaAugaauccauggacu.....					15	1	seq
.....	.ugagaacCgaaauccauggacu.....					16	1	seq
.....	.ugagaacugaaauccaCggacu.....					3	1	seq
.....	.Ggagaacugaaauccauggacu.....					43	1	seq
.....	.ugagaacugaaauccauggCcu.....					2	1	seq
.....	.ugagaacugaCuuccauggacu.....					2	1	seq
.....	.ugagaacugaaauccauggacu.....					6	1	seq
.....	.ugagaacugaaaucaAuggacu.....					12	1	seq
.....	.ugagaacuUaaauccauggacu.....					12	1	seq
.....	.ugagaacugaaauccaugCacu.....					2	1	seq
.....	.ugagaacugaaauccauggaGu.....					3	1	seq
.....	.ugagaacugaaauccauggacC.....					12	1	seq
.....	.ugagaacugaaauccaAagacu.....					3	1	seq
.....	.ugagaacugaaUccauggacu.....					4	1	seq
.....	.ugagCacugaaauccauggacu.....					1	1	seq
.....	.ugagaacugaaauccauggacu.....					68827	0	seq
.....	.ugagaacugaaauccauggacu.....					2	1	seq
.....	.uCagaacugaaauccauggacu.....					2	1	seq
.....	.ugagaacugaaauccauggGcu.....					13	1	seq
.....	.Cgagaacugaaauccauggacu.....					25	1	seq
.....	.ugUgaacugaaauccauggacu.....					2	1	seq
.....	.ugagaacuAaaauccauggacu.....					6	1	seq
.....	.ugagaacugaaauccaugUacu.....					14	1	seq
.....	.ugCgaacugaaauccauggacu.....					1	1	seq
.....	.ugaAaacugaaauccauggacu.....					3	1	seq
.....	.ugagaacugaaauccaUcgacu.....					6	1	seq
.....	.ugagaacugaaCuccauggacu.....					6	1	seq
.....	.ugaUaacugaaauccauggacu.....					11	1	seq
.....	.ugaCaacugaaauccauggacu.....					4	1	seq
.....	.ugagaacugaaGuccauggacu.....					3	1	seq
.....	.ugagaacugaaauccauggaAu.....					25	1	seq
.....	.ugagaGcugaaauccauggacu.....					118	1	seq
.....	.ugagaacugaaauccaUuggacu.....					6	1	seq
.....	.uUagaacugaaauccauggacu.....					18	1	seq

Mature

Star

accuuggcaguuccagcucugagaacugaaauccauggacugguuccaguuccaugcgguucaguccaugguuuuacugauucucagcuuggcugcaucgaacuucacaacua

.....ugagaacugaaauccaugAacu.....	3	1	seq
.....ugagaaGugaauccauggacu.....	2	1	seq
.....ugagaacugaaauccauggUcu.....	4	1	seq
.....ugagaacugaaauccaUgacu.....	17	1	seq
.....ugagaacugaaauccauggaUu.....	9	1	seq
.....ugagaacugaaauccUauggacu.....	34	1	seq
.....ugagaacugaaauccGuggacu.....	9	1	seq
.....ugagaacugaaauccaGggacu.....	4	1	seq
.....Agagaacugaaauccauggacu.....	34	1	seq
.....ugagGacuaaauccauggacu.....	12	1	seq
.....ugagaacuCaauccauggacu.....	6	1	seq
.....ugagaacugaaAuccauggacu.....	8	1	seq
.....Ggagaacugaaauccauggacug.....	22	1	seq
.....ugagaGcugaaauccauggacug.....	43	1	seq
.....ugagaacugaaauccaAggacug.....	2	1	seq
.....ugagUacuaaauccauggacug.....	1	1	seq
.....ugagaacugaaAuccauggacug.....	3	1	seq
.....ugagaacugaaauccauggaAug.....	8	1	seq
.....ugagaaGugaauccauggacug.....	1	1	seq
.....Agagaacugaaauccauggacug.....	17	1	seq
.....ugaUaacugaaauccauggacug.....	7	1	seq
.....ugagaacugaaauccauggacuC.....	5	1	seq
.....ugagaacugaaUuuccauggacug.....	1	1	seq
.....ugaAaacugaaauccauggacug.....	3	1	seq
.....ugagaacugaaauGcauggacug.....	4	1	seq
.....ugagaacugaaauAcauggacug.....	7	1	seq
.....ugagaacugaaauccaugUacug.....	5	1	seq
.....ugagaacugaaauccauggUcug.....	1	1	seq
.....ugagaacuAaaauccauggacug.....	2	1	seq
.....ugGaacugaaauccauggacug.....	8	1	seq
.....ugagaacugaaauCccauggacug.....	6	1	seq
.....ugagaacugaaauccUauggacug.....	5	1	seq
.....ugagaacugaaauccaCggacug.....	3	1	seq
.....uCagaacugaaauccauggacug.....	3	1	seq
.....ugagaacugaaauccGauggacug.....	4	1	seq
.....ugagaacAgaaauccauggacug.....	1	1	seq
.....ugagaacugaaauccaUgacug.....	7	1	seq
.....uUagaacugaaauccauggacug.....	6	1	seq
.....ugagaacUaaauccauggacug.....	4	1	seq
.....ugagaacugaaauccauggaUug.....	13	1	seq
.....Cgagaacugaaauccauggacug.....	11	1	seq
.....ugagaacugaaauccauggacGg.....	171	1	seq
.....ugagaacugaaauccauggGcug.....	9	1	seq
.....ugagaacugaaauLccauggacug.....	2	1	seq
.....ugagaacugaaauccauggacuU.....	844	1	seq
.....ugagaacugaaauccauggacAg.....	6	1	seq
.....ugagaacCgaauccauggacug.....	9	1	seq
.....ugagaacuCaauccauggacug.....	2	1	seq
.....ugagaacugaaUuccauggacug.....	7	1	seq
.....ugagaacugaaauccauggacug.....	35955	0	seq
.....ugaCaacugaaauccauggacug.....	4	1	seq
.....ugagaacugaaauccauggacCg.....	5	1	seq
.....ugagaaUugaauccauggacug.....	9	1	seq
.....ugagaacugaaCuccauggacug.....	6	1	seq
.....ugagaacugaaauccAauggacug.....	5	1	seq
.....ugagaacugaaauccaugCacug.....	3	1	seq
.....ugagaacugaaauccauggacuA.....	180	1	seq
.....uAagaacugaaauccauggacug.....	4	1	seq
.....ugagaacugaaauccaUgacug.....	14	1	seq
.....ugUgaacugaaauccauggacug.....	2	1	seq
.....ugagaacugaaauccUuggacug.....	5	1	seq
.....ugagGacuaaauccauggacug.....	1	1	seq
.....ugagaacugGaaauccauggacug.....	4	1	seq
.....ugagaaUugaauccauggacug.....	3	1	seq
.....ugagaacugaaauccaUgacug.....	3	1	seq
.....ugagaacugaaauccauggacugU.....	61454	1	seq
.....ugagaacugaaauccauggacuAg.....	5	1	seq
.....ugagaaUugaauccauggacugg.....	1	1	seq
.....ugagaacugaaauccauggacugA.....	6504	1	seq
.....ugagaacugaaauccauggacuUg.....	1	1	seq

Mature

Star

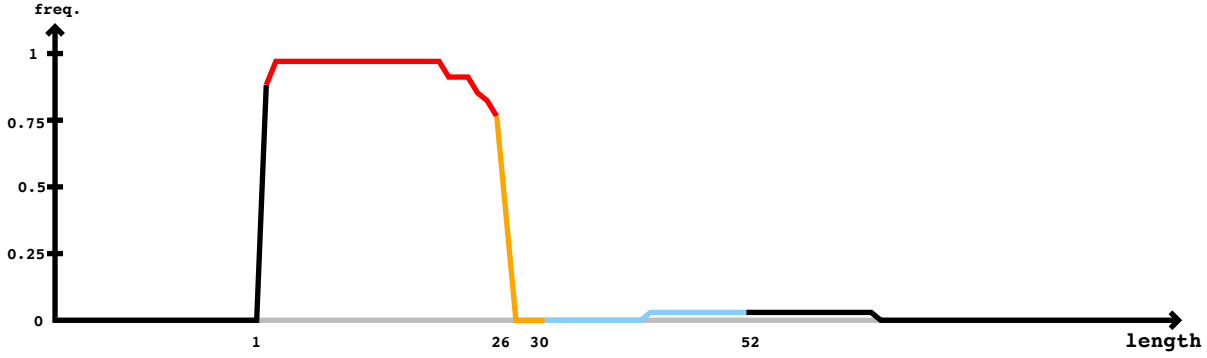
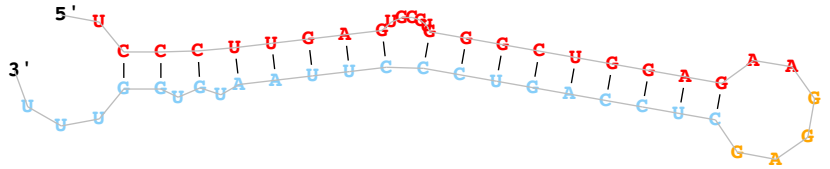
Sequence	Mature Count	Star Count	Category
accuuggcaguuccagcucugagaacugaa <u>uuccauggacug</u> guuccag <u>uuccauggcguucag</u> uuccaugguauu <u>uuccauggacug</u> cuagcuuccgucgcaucgaacuucaca <u>cu</u>	1	1	seq
.....ugaAaacugaa <u>uuccauggacug</u> g.....	279	0	seq
.....ugagaacugaa <u>uuccauggacug</u> g.....	230	1	seq
.....ugagaacugaa <u>uuccauggacug</u> C.....	1	1	seq
.....ugagaacugaa <u>uuccauggaA</u> ugg.....	3471	1	seq
.....ugagaacugaa <u>uuccauggacug</u> U.....	26	1	seq
.....ugagaacugaa <u>uuccauggacug</u> A.....	8	1	seq
.....ugagaacugaa <u>uuccauggacug</u> Au.....	345	1	seq
.....ugagaacugaa <u>uuccauggacu</u> Agu.....	1	1	seq
.....ugagaacugaa <u>uuccauggacug</u> gu.....	8	0	seq
.....ugagaacugaa <u>uuccauggacug</u> guu.....	1	0	seq
.....ugagaacugaa <u>uuccauggacug</u> Auu.....	17	1	seq
.....ugagaacugaa <u>uuccauggacug</u> Uuu.....	343	1	seq
.....ugagaacugaa <u>uuccauggacug</u> AA.....	1	1	seq
.....ugagaacugaa <u>uuccauggacug</u> guu <u>u</u> cc.....	3	0	seq
.....ugagaacugaa <u>uuccauggacug</u> guu <u>u</u> cc.....	3	0	seq
.....gagaacugaa <u>uuccaugg</u> ac.....	10	0	seq
.....Uagaacugaa <u>uuccaugg</u> acu.....	1	1	seq
.....gagaacugaa <u>uuccaugg</u> acu.....	60	0	seq
.....gagaacugaa <u>uuccaugg</u> acA.....	2	1	seq
.....gagaacugaa <u>uuccaugg</u> acug.....	74	0	seq
.....gagaacugaa <u>uuccaugg</u> acuC.....	1	1	seq
.....gagaacugaa <u>uuccaugg</u> acugA.....	32	1	seq
.....gagaacugaa <u>uuccaugg</u> acugU.....	340	1	seq
.....gagaacugaa <u>uuccaugg</u> acugC.....	2	1	seq
.....gagaacugaa <u>uuccaugg</u> acugUu.....	17	1	seq
.....gagaacugaa <u>uuccaugg</u> acugAu.....	1	1	seq
.....agaacugaa <u>uuccaugg</u> ac.....	9	0	seq
.....agaacugaa <u>uuccaugg</u> acA.....	1	1	seq
.....agaacugaa <u>uuccaugg</u> acu.....	31	0	seq
.....agaacugaa <u>uuccaugg</u> acuU.....	1	1	seq
.....agaacugaa <u>uuccaugg</u> acGg.....	1	1	seq
.....agaacugaa <u>uucc</u> guggacug.....	1	1	seq
.....agaacugaa <u>uuccaugg</u> acug.....	234	0	seq
.....agaacugaa <u>uuccaugg</u> acugg.....	79	0	seq
.....agaacugaa <u>uuccaugg</u> acugC.....	4	1	seq
.....agaacugaa <u>uuccaugg</u> acugU.....	244	1	seq
.....agaacugaa <u>uuccaugg</u> acugA.....	31	1	seq
.....agaacugaa <u>uuccaugg</u> aAugg.....	1	1	seq
.....agaacugaa <u>uuccaugg</u> acuggA.....	20	1	seq
.....agaacugaa <u>uuccaugg</u> acugAu.....	1	1	seq
.....agaacugaa <u>uuccaugg</u> acuggu.....	15	0	seq
.....agaacugaa <u>uuccaugg</u> acugUu.....	13	1	seq
.....agaacugaa <u>uuccaugg</u> acugUuu.....	2	1	seq
.....agaacugaa <u>uuccaugg</u> acugguu.....	2	0	seq
.....agaacugaa <u>uuccaugg</u> acugguuA.....	1	1	seq
.....gaaacugaa <u>uuccaugg</u> acu.....	1	0	seq
.....gaaacugaa <u>uuccaugg</u> acug.....	6	0	seq
.....gaaacugaa <u>uuccaugg</u> acugg.....	10	0	seq
.....gaaacugaa <u>uuccaugg</u> acugU.....	43	1	seq
.....gaaacugaa <u>uuccaugg</u> acugA.....	3	1	seq
.....gaaacugaa <u>uuccaugg</u> acugUu.....	6	1	seq
.....gaaacugaa <u>uuccaugg</u> acuggG.....	1	1	seq
.....gaaacugaa <u>uuccaugg</u> acuggu.....	1	0	seq
.....gaaacugaa <u>uuccaugg</u> acuggA.....	5	1	seq
.....gaaacugaa <u>uuccaugg</u> acugguA.....	1	1	seq
.....aacugaa <u>uuccaugg</u> acu.....	16	0	seq
.....aacugaa <u>uuccaugg</u> acA.....	1	1	seq
.....aacCgaa <u>uuccaugg</u> acug.....	1	1	seq
.....aacugaa <u>uuccaugg</u> acug.....	1	1	seq
.....aacugaa <u>uuccaugg</u> acug.....	369	0	seq
.....aacugaa <u>uuccaugg</u> acGg.....	1	1	seq
.....Gacugaa <u>uuccaugg</u> acug.....	1	1	seq
.....aacugaa <u>uuccaugg</u> acugg.....	503	0	seq
.....aacugaa <u>uuccaugg</u> acugU.....	922	1	seq
.....aacugaa <u>uuccaugg</u> acugC.....	10	1	seq
.....aacugaa <u>uucc</u> Uauggacug.....	1	1	seq
.....aacugaa <u>uuccaugg</u> acugA.....	61	1	seq
.....aacugaa <u>uuccaugg</u> acuggA.....	107	1	seq
.....aacugaa <u>uuccaugg</u> acuggu.....	27	0	seq

Mature

Star

accuuggcaguuccagcucugagaacugaa <u>uuccauggacugguuccaguu</u> ccaugcg <u>uucag</u> uuccaugguauu <u>ucaguuc</u> cuagcuuggcugcaucgaacuucaca <u>cu</u>			
.....aacugaa <u>uuccauggacug</u> Uu.....	25	1	seq
.....aacugaa <u>uuccauggacug</u> Cu.....	1	1	seq
.....aacugaa <u>uuccauggacugg</u> G.....	1	1	seq
.....aacugaa <u>uuccauggacuggu</u> G.....	1	1	seq
.....aacugaa <u>uuccauggacug</u> Auu.....	1	1	seq
.....aacugaa <u>uuccauggacug</u> Uuu.....	4	1	seq
.....aacugaa <u>uuccauggacuggu</u> A.....	10	1	seq
.....aacugaa <u>uuccauggacugg</u> Au.....	2	1	seq
.....aacugaa <u>uuccauggacuggu</u>	65	0	seq
.....Gacugaa <u>uuccauggacuggu</u> uc.....	1	1	seq
.....aacugaa <u>uuccauggacuggu</u> uc.....	63	0	seq
.....aacugaa <u>uuccauggacuggu</u> U.....	9	1	seq
.....aacugaa <u>uuccauggacuggu</u> uc.....	1	1	seq
.....aacugaa <u>uuccauggacuggu</u> uA.....	2	1	seq
.....aacugaa <u>uuccauggacuggu</u> cc.....	1	1	seq
.....aacugaa <u>uuccauggacuggu</u> U.....	11	1	seq
.....acugaa <u>uuccauggacug</u>	11	0	seq
.....acugaa <u>uuccauggG</u> cug.....	1	1	seq
.....acugaa <u>uuccauggacug</u> U.....	17	1	seq
.....acugaa <u>uuccauggacug</u> A.....	1	1	seq
.....acugaa <u>uuccauggacuggu</u> uc.....	4	0	seq
.....cugaa <u>uuccauggacug</u> A.....	1	1	seq
.....cugaa <u>uuccauggacug</u> U.....	2	1	seq
.....ugaa <u>uuccauggacuggu</u> uc.....	1	0	seq
.....ugaa <u>uuccauggacuggu</u> U.....	1	1	seq
.....cg <u>uucag</u> uuccaugguauu <u>cag</u>	1	0	seq
.....ucag <u>uuccaugguauucag</u> uuc.....	3	0	seq
.....ucag <u>uuccaugguauucag</u> uuc.....	5	0	seq
.....Gcag <u>uuccaugguauucag</u> uuc.....	1	1	seq
.....ucag <u>uuccaugguauucag</u> uuc.....	12	0	seq
.....ucag <u>uuccaugguauucag</u> uucG.....	1	1	seq
.....ucag <u>uuccaugguauucag</u> uuc <u>cu</u>	2	0	seq
.....ag <u>uuccaugguauucag</u> uuc.....	22	0	seq
.....ag <u>uuccaugguauucag</u> uuc.....	1	1	seq
.....ag <u>uuccaugguauucag</u> uuc <u>cu</u>	34	0	seq
.....ag <u>uuccaugguauucag</u> uuc <u>cu</u> a.....	1	0	seq
.....ag <u>uuccaugguauucag</u> uuc <u>cu</u> aU.....	1	1	seq
.....g <u>uuccaugguauucag</u> uuc.....	2	0	seq
.....g <u>uuccaugguauucag</u> uuc.....	24	0	seq
.....g <u>uuccaugguauucag</u> uuc <u>cu</u>	123	0	seq
.....A <u>uuccaugguauucag</u> uuc <u>cu</u>	1	1	seq
.....g <u>uuccaugguauucag</u> uuc <u>cu</u> a.....	40	0	seq
.....g <u>uuccaugguauucag</u> uuc <u>cu</u> aA.....	1	1	seq
.....g <u>uuccaugguauucag</u> uuc <u>cu</u> aU.....	11	1	seq
.....u <u>ccaugguauucag</u> uuc.....	2	0	seq
.....u <u>ccaugguauucag</u> uuc.....	7	0	seq
.....u <u>ccaugguauucag</u> uuc.....	1	1	seq
.....A <u>ccaugguauucag</u> uuc.....	1	1	seq
.....u <u>ccaugguauucag</u> uuc.....	79	0	seq
.....u <u>ccauggGauucag</u> uuc <u>cu</u>	1	1	seq
.....u <u>ccaugguauucag</u> uuc <u>cu</u> a.....	15	0	seq
.....u <u>ccaugguauucag</u> uuc <u>cu</u> U.....	1	1	seq
.....u <u>ccaugguauucag</u> uuc <u>cu</u> aA.....	12	1	seq
.....u <u>ccaugguauucag</u> uuc <u>cu</u> aC.....	5	1	seq
.....u <u>ccaugguauucag</u> uuc <u>cu</u> aU.....	44	1	seq
.....u <u>ccaugguauucag</u> uuc <u>cu</u> ag.....	1	0	seq
.....u <u>ccaugguauucag</u> uuc <u>cu</u> agA.....	1	1	seq
.....a <u>ugguauucag</u> uuc <u>cu</u> a.....	1	0	seq

Provisional ID : mun-novel31
 Score total : 1.6
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 33
 Mature read count : 33
 Loop read count : 0
 Star read count : 0



Mature **Star**

5' -	Sequence	-3'	exp	reads	mm	sample
	aguaguggagauccaugggu <u>ucccu</u> gagugcgugggcugggagaaggag <u>cucc</u> agucccu <u>aaug</u> ugguu <u>ccca</u> aa <u>ucc</u> cauac <u>u</u> ugguguc <u>cccc</u> cugaggggagucau					
	(((((((((((((((.....)))))))))))))))).....).....).....).....).....).....).....).....).....).....).....)			1	0	seq
	.....ucccu			1	1	seq
	.....ucccu			2	0	seq
	.....ucccu			1	0	seq
	.....ucccu			2	0	seq
	.....ucccu			1	1	seq
	.....ucccu			2	1	seq
	.....ucccu			19	0	seq
	.....ucccu			1	1	seq
	.....cccu			1	1	seq
	.....cccu			2	0	seq
	.....uaauggguu <u>ccca</u> aa <u>ucc</u> ca			1	0	seq

Star

Mature

aucucgucugcucucggaagcuaagcaggguccgggucggguuagugcuuggaugggagaccgccuuggaauccegggugcuguaaggcuuuugccagccgauaggggaccucuga

.....cgccuuggaauccegggugcuguaaggcuuu.....	1	0	seq
.....gccuuggaauccegggugcuguaaggcuuu.....	1	0	seq
.....gccuuggaauccegggugcuguaaggcuuu.....	1	0	seq
.....ccuuggaauccegggugcuguaaggcuu.....	1	0	seq
.....ccuuggaauccegggugcuguaaggcuuu.....	1	0	seq
.....cuuggaauccegggugcuguaaggcuuu.....	2	0	seq
.....uAggaauccegggugcuguaaggcuu.....	1	1	seq
.....uuggaauccegggugcuguaaggcuuu.....	1	0	seq
.....uuggaauccegggugcuguaaggcuuA.....	3	1	seq
.....Cggaauccegggugcuguaaggcuu.....	1	1	seq
.....uggaauccegggugcuguaaggcuuu.....	1	0	seq
.....ggaauccegggugcuguaC.....	1	1	seq
.....ggaauccegggugcuguaaggcuC.....	7	1	seq
.....ggaauccegggugcCguaggcuu.....	1	1	seq
.....Ugaauccegggugcuguaaggcuu.....	1	1	seq
.....ggaauccegggugcuguaaggcuu.....	1	1	seq
.....ggaauccegggugcuguaaggcuG.....	1	1	seq
.....ggaauccegggugcuguaUgcuu.....	1	1	seq
.....gAaauccegggugcuguaaggcuu.....	1	1	seq
.....ggaauccegggugcuguaaggcuu.....	17	1	seq
.....ggaauccegggugcuguaaggcuA.....	19	1	seq
.....Agauccegggugcuguaaggcuuu.....	1	1	seq
.....ggaauccegggugcuguaaggcuCu.....	3	1	seq
.....ggaauccegggugcuguaaggcuuu.....	1	1	seq
.....ggaaucceggguUcuguaaggcuuu.....	1	1	seq
.....ggaauccegggugcuguaaggcuAu.....	1	1	seq
.....ggaauccegggugcuguaaggUuuu.....	1	1	seq
.....ggaauccegggugcuguaaggcuuA.....	45	1	seq
.....ggaauccegggugcuguaaggcuuC.....	1	1	seq
.....ggaauccegggugcuguaaggcuuu.....	3	1	seq
.....ggaauccegggugcuguaUgcuuu.....	1	1	seq
.....ggaauccegggCgcuguaaggcuuu.....	1	1	seq
.....gAaauccegggugcuguaaggcuuu.....	1	1	seq
.....ggaauccegggugcuguaaggcuuG.....	1	1	seq
.....ggaauccegggugcuguaaggcuAu.....	3	1	seq
.....ggaauccegggugcuguaaggcuCu.....	1	1	seq
.....ggaauccegggugcuguaaggcuuAu.....	1	1	seq
.....ggaauccegggugcuguaaggcuuuuC.....	1	1	seq
.....ggaauccegggugcuguaaggcuuuuU.....	4	1	seq
.....ggaauccegggugcuguaaggcuuuuUcc.....	1	1	seq
.....gaauccegggugcuguaaggcA.....	1	1	seq
.....gaauccegggugcugGaggcuu.....	1	1	seq
.....gaauccegggugcuguaaggcuu.....	2	1	seq
.....gaauccegggugcuguaaggcuC.....	11	1	seq
.....Aaauccegggugcuguaaggcuu.....	1	1	seq
.....gaauccegggugcuguaaggcuG.....	2	1	seq
.....gaauccegggCgcuguaaggcuu.....	1	1	seq
.....gaauccegggugcuguaaggcuA.....	21	1	seq
.....gaauccegggugcuguaUgcuu.....	1	1	seq
.....gaauccegggugcuguaUgcuu.....	1	1	seq
.....gaauccegggugcuguaaggcuuC.....	1	1	seq
.....gaauccegggugcuguaaggcuuu.....	7	1	seq
.....gaauccegggugcuguaaggcuuA.....	50	1	seq
.....gaauccegggugcuguaaggcuAu.....	1	1	seq
.....gaauccegggugcuguaaggcuuAu.....	1	1	seq
.....gaauccegggugcuguaaggcuAu.....	1	1	seq
.....gaauccegggugcuguaaggcuuuuA.....	1	1	seq
.....gaauccegggugcuguaaggcuuuuU.....	2	1	seq
.....aauccegggugcuguaUg.....	2	1	seq
.....Cauccgggugcuguaaggc.....	1	1	seq
.....aauccegggugcuguaUgA.....	1	1	seq
.....aauccegggugcuguaaggcG.....	1	1	seq
.....aauccegggugcuguaaggcA.....	8	1	seq
.....aauccegggAgcuguaaggcuu.....	1	1	seq
.....aaucceggUgucuguaaggcuu.....	1	1	seq
.....aauccegggCgcuguaaggcuu.....	1	1	seq
.....aauccegggugcuguaaggcuC.....	4	1	seq
.....aauccegggugcuguaaggcuu.....	1	1	seq
.....aauccegggugcuguaaggcuA.....	55	1	seq

Star

Mature

aucucgucugcucucggaagcuaagcaggguccggcucgguaugugcuuggaugggagaccgcuuggaaucccgggugcuguaaggcuuugccagccgauaggggaccucuga

.....aauc	1	1	seq
.....aauc	1	1	seq
.....aauc	1	1	seq
.....aauc	2	1	seq
.....aauc	147	1	seq
.....aauc	2	1	seq
.....aauc	1	1	seq
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.....aauc	1	1	seq
.....aauc	1	1	seq
.....aauc	1	1	seq
.....aauc	3	1	seq
.....aauc	1	1	seq
.....aauc	56	1	seq
.....aauc	1	1	seq
.....aauc	179	1	seq
.....aauc	10	1	seq
.....aauc	3	1	seq
.....aauc	1	1	seq
.....aauc	1	1	seq
.....aauc	1	1	seq
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.....aauc	1	1	seq
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.....aauc	1	1	seq
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.....aauc	3	1	seq
.....aauc	70	1	seq
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.....aauc	1	1	seq
.....aauc	10	1	seq
.....aauc	2	1	seq
.....aauc	16	1	seq
.....aauc	56	1	seq
.....aauc	10	1	seq
.....aauc	1	1	seq
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.....aauc	27	1	seq
.....aauc	1	1	seq
.....aauc	1	1	seq
.....aauc	48	1	seq
.....aauc	1	1	seq
.....aauc	1	1	seq

Star

Mature

aucucgucugcucucggaagcuaagcaggguccggcucgguaugugcuuggaugggagaccgccuuggaaucccgggugcuguaaggcuuuugccagccgauaggggaccuccuga

.....uAccgggugcuguaaggcuuu.....	2	1	seq
.....uccgggugcuguaaggcuCu.....	1	1	seq
.....uccgggugcuguaaggcuuuC.....	2	1	seq
.....uccgggCgcuguaaggcuuuu.....	1	1	seq
.....uccgggugcuguaaggcuuAu.....	2	1	seq
.....uccgggugcuguaaggcuAu.....	2	1	seq
.....uccgggugcuguaaggcuuuuC.....	1	1	seq
.....uccgggugcuguaaggcuuuuU.....	17	1	seq
.....uccgggugcuguaaggcuuuuA.....	5	1	seq
.....uccgggugcuguaaggcuuuuUc.....	1	1	seq
.....uccggggGgcuguaaggcuuuugcca.....	1	1	seq
.....uccgggugcuguaaggcuuuugccU.....	1	1	seq
.....uccgggugcuguaaggcuuuCgcca.....	2	1	seq
.....uccgggugcuguaaggAuuuugcca.....	1	1	seq
.....uccgggugcuguaaggcuuuugccaA.....	4	1	seq
.....Accgggugcuguaaggcuuuugccag.....	1	1	seq
.....uccgggugcuguaaggcuuuugccaU.....	24	1	seq
.....uccggUugcuguaaggcuuuugccag.....	1	1	seq
.....uccggggGgcuguaaggcuuuugccagc.....	3	1	seq
.....uccgggugcuguaaggcuuuugccagA.....	1	1	seq
.....uccgggugcuguaaggcuuuugcAagc.....	1	1	seq
.....uccgggugcuguaaggcuuuugccagU.....	6	1	seq
.....uccgggugcuguaaggcuuuUccagc.....	1	1	seq
.....uccgggugcuUuaggcuuuugccagc.....	1	1	seq
.....uccgggugcuguaaggcuuuCgccagc.....	8	1	seq
.....ucccAggugcuguaaggcuuuugccagc.....	1	1	seq
.....uccgggugcuguaaggcuuuCgccagcc.....	1	1	seq
.....uccgggugcuguaaggcuuuugccagccU.....	3	1	seq
.....uccgggugcuguaaggcuuuugccagcca.....	1	1	seq
.....uccgggugcuguaaggcuuuugcAagccg.....	1	1	seq
.....uccgggugcuguaaggcuuuCgccagccg.....	2	1	seq
.....uccgggugcuguaaggcuuuugccagccgU.....	16	1	seq
.....uccgggugcuguaaggcuuuugccagccgC.....	1	1	seq
.....uccgggugcuguaaggcuuuugccagccgaA.....	2	1	seq
.....ccAgggugcuguaaggcuu.....	1	1	seq
.....cccgggGgcuguaaggcuu.....	2	1	seq
.....cccgggugcuguaaggcuC.....	2	1	seq
.....Accgggugcuguaaggcuu.....	5	1	seq
.....cccgggugcuguaaggcuG.....	1	1	seq
.....cccgggugcuguaaggcuA.....	38	1	seq
.....cccgggugcuguaaggcuAu.....	1	1	seq
.....Accgggugcuguaaggcuuu.....	1	1	seq
.....cccgggugcuguaaggcuuA.....	89	1	seq
.....cccgggugcuguaaggcuuAu.....	3	1	seq
.....cccgggugAuguaaggcuuuu.....	1	1	seq
.....cccgggugcuguaaggcuuGu.....	1	1	seq
.....cccgggugcuguaaggcuAu.....	2	1	seq
.....cccgggugcuguaaggcuuuC.....	1	1	seq
.....cccgggugcuguaaggcuuuuU.....	27	1	seq
.....cccgggugcuguaaggcuuuuA.....	14	1	seq
.....cccgggugcuguaaggcuuuugccaU.....	2	1	seq
.....cccgggugcuguaaggcuuuugccagU.....	1	1	seq
.....cccgggugcuguaaggcuuuuAccagccga.....	1	1	seq
.....ccgggCgcuguaaggcuuu.....	1	1	seq
.....ccgggugcuguaaggcuuA.....	7	1	seq
.....ccgggugcuguaaggcuuuuU.....	3	1	seq
.....cgggugcuguaaggcuuCu.....	1	1	seq
.....cgggugcuguaaggcuuuuU.....	2	1	seq
.....gggugcuguaaggcuuuuU.....	1	1	seq

Mature

Star

Sequence	Mature Count	Star Count	Type
caguugggcuggucccagg <u>uucaaguaa</u> uccaggauaggcugugaucugggcagucagccuguu <u>cu</u> uggu <u>ua</u> ucuggcucuggagcuggccagau <u>gc</u> ucaccuggau			
.....uuc <u>aa</u> gu <u>U</u> auccaggauag.....	1	1	seq
.....uuc <u>aa</u> g <u>A</u> auccaggauag.....	3	1	seq
.....uu <u>U</u> aa <u>g</u> uaa <u>u</u> ccaggauag.....	1	1	seq
.....uuc <u>G</u> uaa <u>u</u> ccaggauag.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccGggauagg.....	1	1	seq
.....uuc <u>a</u> a <u>C</u> uaa <u>u</u> ccaggauagg.....	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>A</u> ccaggauagg.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>C</u> ccaggauagg.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauagg.....	2382	0	seq
.....uuc <u>a</u> g <u>G</u> aa <u>u</u> ccaggauagg.....	3	1	seq
.....u <u>A</u> ca <u>g</u> uaa <u>u</u> ccaggauagg.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggau <u>A</u> g.....	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>C</u> uagg.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>C</u>	4	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>U</u>	844	1	seq
..... <u>G</u> uca <u>g</u> uaa <u>u</u> ccaggauagg.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>G</u> uagg.....	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>A</u> aggauagg.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>U</u> caggauagg.....	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>A</u>	366	1	seq
..... <u>C</u> uca <u>g</u> uaa <u>u</u> ccaggauagg.....	3	1	seq
.....uuc <u>a</u> g <u>C</u> aa <u>u</u> ccaggauagg.....	1	1	seq
.....uuc <u>a</u> g <u>A</u> aa <u>u</u> ccaggauagg.....	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggau <u>C</u> gg.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>G</u> agg.....	1	1	seq
.....uuc <u>C</u> ca <u>g</u> uaa <u>u</u> ccaggauagg.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u>	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>A</u>	204	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>A</u> auaggc.....	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>G</u> ccaggauaggc.....	2	1	seq
.....uuc <u>a</u> ca <u>U</u> uaa <u>u</u> ccaggauaggc.....	3	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>Ac</u>	5	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>U</u> caggauaggc.....	41	1	seq
.....uuc <u>a</u> g <u>A</u> aa <u>u</u> ccaggauaggc.....	3	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> cc <u>U</u> gauaggc.....	3	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>A</u> ccaggauaggc.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>A</u> ccaggauag <u>g</u> <u>C</u>	4	1	seq
.....uuc <u>a</u> ca <u>A</u> uaa <u>u</u> ccaggauaggc.....	3	1	seq
.....uuc <u>a</u> g <u>C</u> aa <u>u</u> ccaggauaggc.....	7	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggaua <u>g</u> <u>C</u>	5	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	3	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>U</u> uaggc.....	1	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>C</u> aggc.....	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	7	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggaua <u>C</u> g.....	3	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>U</u> c.....	3	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>C</u> auaggc.....	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	1	1	seq
.....uuc <u>a</u> g <u>G</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	11	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>G</u> uaggc.....	1	1	seq
.....uuc <u>G</u> uaa <u>u</u> ccaggauag <u>g</u> <u>C</u>	6	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	30074	0	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggaua <u>U</u> g.....	6	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	11	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>G</u> caggauag <u>g</u> <u>C</u>	2	1	seq
.....u <u>A</u> ca <u>g</u> uaa <u>u</u> ccaggauag <u>g</u> <u>C</u>	1	1	seq
..... <u>A</u> uca <u>g</u> uaa <u>u</u> ccaggauag <u>g</u> <u>C</u>	21	1	seq
.....uu <u>U</u> aa <u>g</u> uaa <u>u</u> ccaggauag <u>g</u> <u>C</u>	1	1	seq
..... <u>C</u> uca <u>g</u> uaa <u>u</u> ccaggauag <u>g</u> <u>C</u>	12	1	seq
.....uuc <u>U</u> ag <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	1	1	seq
..... <u>G</u> uca <u>g</u> uaa <u>u</u> ccaggauag <u>g</u> <u>C</u>	19	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>U</u> auaggc.....	1	1	seq
.....uuc <u>C</u> ca <u>g</u> uaa <u>u</u> ccaggauag <u>g</u> <u>C</u>	2	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccagg <u>A</u> aggc.....	3	1	seq
.....uuc <u>a</u> g <u>ua</u> aa <u>u</u> ccaggauag <u>g</u> <u>C</u>	56	1	seq

Mature

Star

Sequence	Count	Category	Type
caguugggcuggucccagg <u>uucaaguaa</u> uccaggauaggcugugaucugggcagucagccuguu <u>cuuggu</u> uacuggcucuggagcuggccagaugcuucaccuggau			
.....uucaaguaauccaggauGggc.....	2	1	seq
.....uuAaaguaauccaggauaggc.....	2	1	seq
.....uucaaguaauccGggauaggc.....	7	1	seq
.....uucaaguaauccaCgauaggc.....	3	1	seq
.....uucaaguaauccaggauaggU.....	242	1	seq
.....uuGaaguaauccaggauaggc.....	1	1	seq
.....uucaaguGauccaggauaggc.....	7	1	seq
.....uucaaguaauccaAgaugaggc.....	3	1	seq
.....uucaaguaauccaggauUggc.....	2	1	seq
.....uucaaguaauccaggauaggG.....	1	1	seq
.....uucaaguaaCccaggauaggc.....	5	1	seq
.....uucaaguaauccGaggauaggcu.....	33	1	seq
.....uucaaguaauccagUauaggcu.....	77	1	seq
.....uucaaguaauccaggauagCcu.....	14	1	seq
.....uucaaguaauccaggauagUcu.....	72	1	seq
.....uucaaCuaauccaggauaggcu.....	15	1	seq
.....uucaaguaauccaggUuaggcu.....	42	1	seq
.....uucaaguaauccaggauaggcG.....	4758	1	seq
.....uucaaguaaAaggauaggcu.....	103	1	seq
.....uucGaguaauccaggauaggcu.....	66	1	seq
.....uucaCguaauccaggauaggcu.....	7	1	seq
.....uucaaguaaGcaggauaggcu.....	16	1	seq
.....uucaaguaauccaggauUggcu.....	16	1	seq
.....uucaaguaauccaggauaggGu.....	17	1	seq
.....uucaaguGauccaggauaggcu.....	76	1	seq
.....uucaaguaaUcaggauaggcu.....	954	1	seq
.....uAcaaguaauccaggauaggcu.....	46	1	seq
.....uucaaguaauccaggauaCgcu.....	14	1	seq
.....uucaaguaauccaggGuaggcu.....	50	1	seq
.....uucaaguaauccaggauagAcu.....	30	1	seq
.....uucaaguaauccaUgauaggcu.....	76	1	seq
.....uucaUguaauccaggauaggcu.....	18	1	seq
.....uucaaguaauccaCgauaggcu.....	23	1	seq
.....uucaaguaUuccaggauaggcu.....	9	1	seq
.....uucUaguaauccaggauaggcu.....	26	1	seq
.....uucaaguaauccaAgaugaggcu.....	25	1	seq
.....uucaaguaCuccaggauaggcu.....	4	1	seq
.....uucaagCaauccaggauaggcu.....	89	1	seq
.....uucaGguaauccaggauaggcu.....	89	1	seq
.....uCaaguaauccaggauaggcu.....	58	1	seq
.....uucaaguUauccaggauaggcu.....	4	1	seq
.....uucaaguaaUcaggauaggcu.....	321	1	seq
.....uucaaguaauccaggaCaggcu.....	34	1	seq
.....uucaaguaauccaggauaggAu.....	139	1	seq
.....uucCaguaauccaggauaggcu.....	6	1	seq
.....uucaaguaauccaggauaggcu.....	513040	0	seq
.....uucaaguaauccaggCuaggcu.....	8	1	seq
.....uucaaguaauccaggauaggcC.....	415	1	seq
.....uucaaguaauccaggauaggUu.....	118	1	seq
.....uucaaguaaAccaggauaggcu.....	30	1	seq
.....uucaaUuaauccaggauaggcu.....	62	1	seq
.....uuAaaguaauccaggauaggcu.....	60	1	seq
.....uucaaguaauccGggauaggcu.....	65	1	seq
.....uucaaguaauccaggauGggcu.....	42	1	seq
.....uucaaguaauccaggaGaggcu.....	17	1	seq
.....uucaaguaaUcaggauaggcu.....	67	1	seq
.....uucaagGaauccaggauaggcu.....	80	1	seq
.....uGcaaguaauccaggauaggcu.....	3	1	seq
.....uucaaguaauccaggaAaggcu.....	21	1	seq
.....uucaagAaauccaggauaggcu.....	58	1	seq
.....Gucaaguaauccaggauaggcu.....	379	1	seq
.....uucaaguaauccagCauaggcu.....	21	1	seq
.....uucaaguaaCccaggauaggcu.....	46	1	seq
.....Aucaaguaauccaggauaggcu.....	263	1	seq
.....uuUaaguaauccaggauaggcu.....	46	1	seq
.....uucaaguaauccaggauCggcu.....	8	1	seq
.....uucaaguaauccaggauaggcA.....	10990	1	seq
.....uuGaaguaauccaggauaggcu.....	11	1	seq
.....uucaaguaauccagAauaggcu.....	24	1	seq
.....uucaaguaauccaggauUgcu.....	66	1	seq

Mature

Star

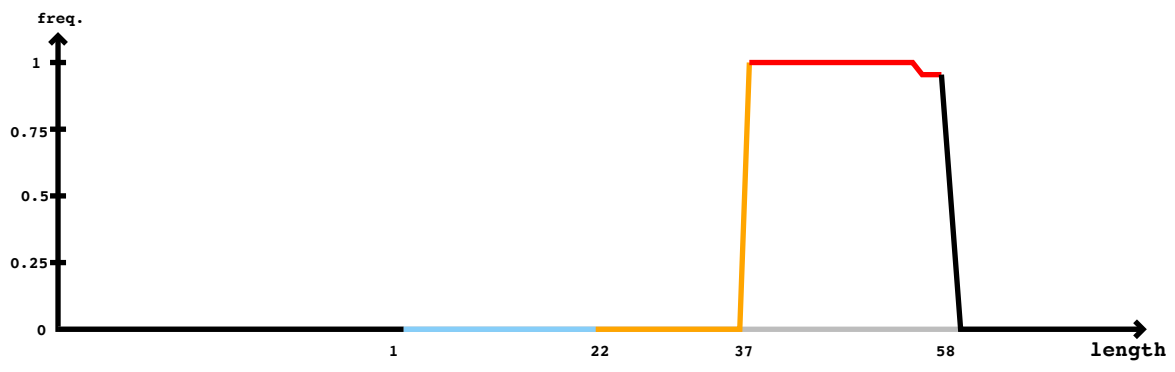
Sequence	Count	Count	Type
caguugggcuggucccagg <u>uucaaguaa</u> uccaggauaggcugugaucugggcagucagccuguu <u>cu</u> uggu <u>ua</u> cuuggcucuggagcuggccagaugcuucaccuggau			
.....uucaaguaa <u>uccaggau</u> A <u>gcu</u>	35	1	seq
.....uucaagua <u>Guccaggau</u> aggcu.....	28	1	seq
.....uucaa <u>Aua</u> uccaggauaggcu.....	26	1	seq
.....uuca <u>agu</u> C <u>au</u> ccaggauaggcu.....	5	1	seq
.....Cucaaguaa <u>uccaggau</u> aggcu.....	157	1	seq
.....uucaaguaa <u>Gccaggau</u> aggcu.....	8	1	seq
.....uucaaguaa <u>ucc</u> C <u>ggau</u> aggcu.....	15	1	seq
.....uucaaguaa <u>uccU</u> ggauaggcu.....	19	1	seq
.....uucaaguaa <u>uccaggau</u> aggcug.....	1479	0	seq
.....uucaaguaa <u>uccaggau</u> aggcGg.....	16	1	seq
.....uucaaguaa <u>uccaggau</u> aggcuC.....	1182	1	seq
.....uucaaguaa <u>uccaggau</u> aggcAg.....	14	1	seq
.....u <u>A</u> caaguaa <u>uccaggau</u> aggcug.....	1	1	seq
.....A <u>u</u> caaguaa <u>uccaggau</u> aggcug.....	1	1	seq
.....uucaaguaa <u>ucU</u> aggauaggcug.....	1	1	seq
.....uucaaguaa <u>uccaggau</u> aggcCg.....	1	1	seq
.....uucaaguaa <u>uccaggau</u> aggcuA.....	2295	1	seq
.....uu <u>A</u> aaguaa <u>uccaggau</u> aggcug.....	1	1	seq
.....uucaaguaa <u>uccagU</u> auaggcug.....	1	1	seq
.....uucaaguaa <u>uccaggau</u> Ag <u>cu</u>	1	1	seq
.....uu <u>C</u> Gaguaa <u>uccaggau</u> aggcug.....	1	1	seq
.....uucaag <u>A</u> aa <u>uccaggau</u> aggcug.....	1	1	seq
.....G <u>u</u> caaguaa <u>uccaggau</u> aggcug.....	1	1	seq
.....uucaaguaa <u>uccaggau</u> aggcuU.....	37129	1	seq
.....uucaaguaa <u>uccaggau</u> aggcuCu.....	171	1	seq
.....uucaaguaa <u>uccaggau</u> aggcugu.....	295	0	seq
.....uucaaguaa <u>uccaggau</u> aggcugG.....	4	1	seq
.....uucaaguaa <u>uccaggau</u> aggcugA.....	24	1	seq
.....uucaaguaa <u>uccaggau</u> aggcA <u>gu</u>	1	1	seq
.....uucaaguaa <u>uccaggau</u> aggcugC.....	5	1	seq
.....uucaaguaa <u>uccaggau</u> aggcuA <u>u</u>	511	1	seq
.....uucaaC <u>ua</u> uccaggauaggcugu.....	1	1	seq
.....uucaaguaa <u>uccagga</u> Aaggcugu.....	1	1	seq
.....uu <u>C</u> Gaguaa <u>uccaggau</u> aggcugu.....	1	1	seq
.....uucaaguaa <u>uccaggau</u> aggcuU <u>u</u>	3241	1	seq
.....uucaaguaa <u>uccaggau</u> aggcuguU.....	22	1	seq
.....uucaaguaa <u>uccaggau</u> aggcuU <u>ug</u>	5	1	seq
.....uucaaguaa <u>uccaggau</u> aggcugGg.....	1	1	seq
.....uucaaguaa <u>uccaggau</u> aggcugugaucug.....	1	0	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> ag.....	1	0	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> agU.....	1	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggU.....	1	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggc.....	42	0	seq
.....G <u>ca</u> aguaa <u>uccaggau</u> aggcu.....	1	1	seq
.....u <u>ca</u> Gguaa <u>uccaggau</u> aggcu.....	1	1	seq
.....u <u>ca</u> aguaa <u>ucU</u> aggauaggcu.....	2	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcA.....	7	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcu.....	567	0	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcG.....	10	1	seq
.....uUaaguaa <u>uccaggau</u> aggcu.....	2	1	seq
.....A <u>ca</u> aguaa <u>uccaggau</u> aggcug.....	1	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcuU.....	22	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcug.....	182	0	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcuA.....	3	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcuC.....	1	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcGg.....	3	1	seq
.....u <u>ca</u> aguaa <u>ucU</u> aggauaggcug.....	1	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> Gggcug.....	1	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcuU <u>u</u>	3	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcugA.....	8	1	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcugu.....	33	0	seq
.....u <u>ca</u> aguaa <u>uccaggau</u> aggcuguU.....	1	1	seq
..... <u>ca</u> aguaa <u>uccaggau</u> aggc.....	1	0	seq
..... <u>ca</u> aguaa <u>uccaggau</u> aggcA.....	1	1	seq
..... <u>ca</u> aguaa <u>uccaggau</u> aggcu.....	46	0	seq
..... <u>ca</u> aguaa <u>uccaggau</u> aggcuC.....	1	1	seq
..... <u>ca</u> aguaa <u>uccaggau</u> aggcugu.....	1	0	seq
.....a <u>ag</u> uaa <u>uccaggau</u> aggcA.....	1	1	seq
.....a <u>ag</u> uaa <u>uccaggau</u> aggcu.....	26	0	seq
.....a <u>ag</u> uaa <u>uccaggau</u> aggcuU.....	1	1	seq

Mature

Star

caguugggcugguccagguucaaguaauccaggauaggcugugaucugggcagucagccuguucugguuacuuggcucuggagcuggccagaugcuucaccuggau			
.....aaguaauccaggauaggcuU.....	1	1	seq
.....aguaauccaggauaggcu.....	21	0	seq
.....aguaauccaggauaggcuU.....	1	1	seq
.....ugaucugggcagucagc.....	1	0	seq
.....gccuguucugguuacuuggcuc.....	1	0	seq
.....ccuguucugguuacuuggc.....	9	0	seq
.....ccuguucugguuacuuggcu.....	43	0	seq
.....ccuguucugguuacuuggcuc.....	631	0	seq
.....ccuguucuggUuuacuuggcuc.....	1	1	seq
.....Acuguucugguuacuuggcuc.....	1	1	seq
.....ccuguucugguuacuuggcuU.....	2	1	seq
.....ccuguucugguuacuuggcuA.....	1	1	seq
.....Gcuguucugguuacuuggcuc.....	1	1	seq
.....ccuguucugguuacuuggcuAu.....	2	1	seq
.....ccuguucugguuacuuggCucuc.....	1	1	seq
.....ccuguucugguuacuuggcucu.....	207	0	seq
.....ccuguucugguuacuuggcuA.....	5	1	seq
.....ccuguucuggAuacuuggcucu.....	1	1	seq
.....ccuguucugguuacuuggcucC.....	4	1	seq
.....ccuguucugguuacuuggcucG.....	1	1	seq
.....ccuguucugguuacuuggcucuA.....	1	1	seq
.....ccuguucugguuacuuggcucuU.....	9	1	seq
.....cuguucugguuacuuggcuc.....	7	0	seq
.....cuguucugguuacuuggcucu.....	6	0	seq

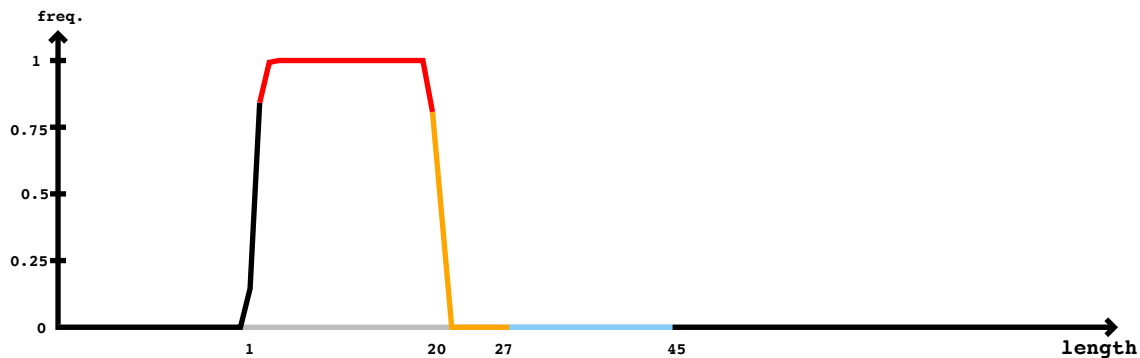
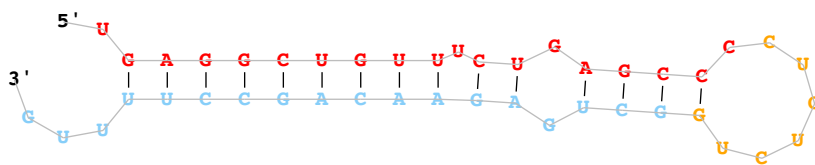
Provisional ID : mun-novel62
 Score total : 1.3
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.6
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 22
 Mature read count : 22
 Loop read count : 0
 Star read count : 0



Star
Mature

5' - gacguguuguguugugacaagaucucagauug ugucaaucauauugccuugug cuauuuuagugaca uacuguagugauugauacaacgugaaaugacacauauu -3'	exp		
((((((...(((...)))...(((...(((...(((...(((...(((...(((...(((...(((...(((...(((...(((...(((...)))...)))...)))...)))...)))...)))...)))...)))...)))...)))...			
.....uacuguagugugauugau.....	reads	mm	sample
.....uacuguagugugauugauacU.....	1	0	seq
.....uacuguagugugauugauaca.....	19	1	seq
.....uacuguagugugauugauacaa.....	1	0	seq

Provisional ID :mun-novel63
 Score total : 5.1
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.8
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 145
 Mature read count : 145
 Loop read count : 0
 Star read count : 0



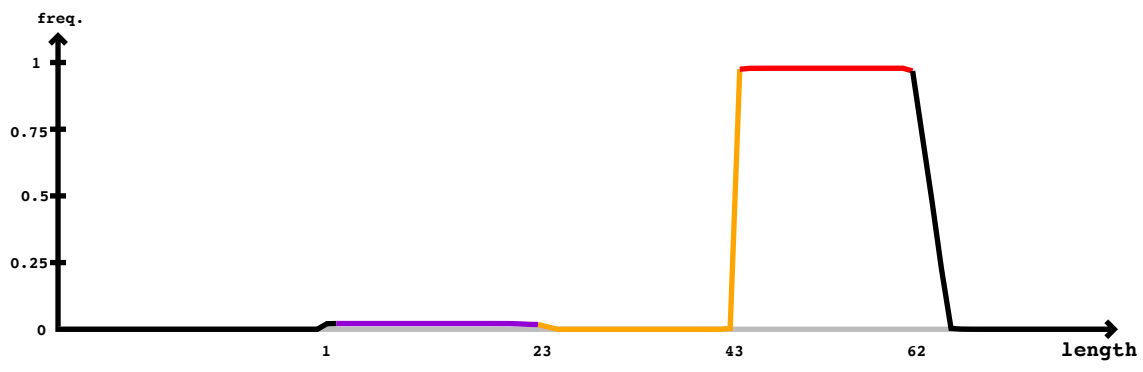
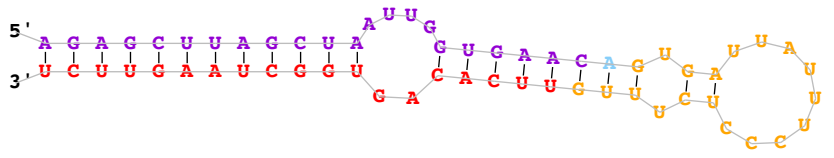
Mature		Star				
5'	...	...	...	-3'	exp	sample
uccagaaaaccaacgcugc	ugaggcuguuuucugagccc	cugucuggcugagagaacagccuuuug	agcccaguccacacauugggcugggcagccccaagccacua			
.....(((((((.....)))))).....	.....	.....	.....	reads	mm	seq
.....cAgaggcuguuuucugagcc.....	.....	.....	.....	18	1	seq
.....cAgaggcuguuuucugagccc.....	.....	.....	.....	2	1	seq
.....cAgaggcuguuuucugagcccc.....	.....	.....	.....	1	1	seq
.....Agaggcuguuuucugagcc.....	.....	.....	.....	10	1	seq
.....Agaggcuguuuucugagccc.....	.....	.....	.....	89	1	seq
.....Agaggcuguuuucugagcccc.....	.....	.....	.....	2	1	seq
.....gaggcuguuuucugagcGc.....	.....	.....	.....	1	1	seq
.....gaggcuguuuucugagccc.....	.....	.....	.....	15	0	seq
.....gaggcuguuuucugagcccc.....	.....	.....	.....	6	0	seq
.....aggcuguuuucugagcccc.....	.....	.....	.....	1	0	seq

Star

Mature

ugaggacgugccucccggaagcagugagagauggggcugugcggcgagagcuucuccaaaaca	cauccccaucuucauugcua	CC	2	1	seq
.....	cauccccaucuucauugcua	U	17	1	seq
.....	auccccaucuucauugcua		2	0	seq
.....	auccccaucuucauugcua		7	0	seq
.....	auccccaucuucauugcua	Cc	1	1	seq
.....	auccccaucuucauugcua	c	12	0	seq
.....	auccccaucuucauugcua	U	15	1	seq
.....	auccccaucuucauugcua	A	2	1	seq
.....	auccccaucuucauugcua	cu	1	0	seq
.....	auccccaucuucauugcua	C	1	1	seq
.....	auccccaucuucauugcua	Uu	1	1	seq
.....	uccccaucuucauugcua	U	1	1	seq
.....	uccccaucuucauugcua	Uu	5	1	seq
.....	uccccaucuucauugcua	cu	4	0	seq

Provisional ID :mun-miR-27
 Score total : 5.3
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 46871
 Mature read count : 46836
 Loop read count : 0
 Star read count : 35



Star
Mature

5' -	-3'	obs	exp	reads	mm	sample
aagacaggaaccucucuggcgaggugcagagcuuagcuaaauggugaacagugauuuuucccuuuuguucacaguggcuaaguucacaccugaagagaagggguug						
aagacaggaaccucucuggcgaggugcagagcuuagcuaaauggugaacagugauuuuucccuuuuguucacaguggcuaaguucacaccugaagagaagggguug						
.....(((((((((((.....((((((((((((((((((((.....((((((((((((((((((((.....))						
.....cagagcuuagcuaaaugg.....		4	0	4	0	seq
.....cagagcuuagcuaaauggu.....		2	0	2	0	seq
.....cagagcuuagcuaaauggug.....		49	0	49	0	seq
.....cagagcuuagcuaaaugguA.....		1	1	1	1	seq
.....cagagcuuagcuaaaugguga.....		65	0	65	0	seq
.....cagagcuuagcuaaauggugU.....		3	1	3	1	seq
.....cagagcuuagcuaaauggugG.....		9	1	9	1	seq
.....Aagagcuuagcuaaaugguga.....		1	1	1	1	seq
.....cagagcuuagcuaaauggugaa.....		41	0	41	0	seq
.....cagagcuuagcuaaauggugaU.....		3	1	3	1	seq
.....cagagcuuagcuaaauggGgaa.....		1	1	1	1	seq
.....cagagcuuagcuaaaUgugaa.....		1	1	1	1	seq
.....cagagcuuagcuaaauggugUac.....		1	1	1	1	seq
.....cagagcuuagcuaaauggugaac.....		730	0	730	0	seq
.....cagagcuuagcuaaauggugaaG.....		3	1	3	1	seq
.....cagagcuuagcuaaauggugaaA.....		17	1	17	1	seq
.....cagagcuuagcuaaauggugaaU.....		3	1	3	1	seq
.....cagagcuuagUuaaauggugaac.....		2	1	2	1	seq
.....cagagUuuagcuaaauggugaac.....		1	1	1	1	seq
.....cagagcuuagcuGauuggugaac.....		1	1	1	1	seq
.....cGgagcuuagcuaaauggugaac.....		1	1	1	1	seq
.....Aagagcuuagcuaaauggugaac.....		1	1	1	1	seq
.....cagagcuuagcuaaauggugaaca.....		28	0	28	0	seq
.....cagagcuuagcuaaauggugaacU.....		24	1	24	1	seq
.....agagcuuagcuaaaugguga.....		2	0	2	0	seq
.....agagcuuagcuaaauggugaac.....		29	0	29	0	seq
.....agagcuuagcuaaauggugaacU.....		1	1	1	1	seq
.....agagcuuagcuaaauggugaaca.....		2	0	2	0	seq
.....agagcuuagcuaaauggugaacagugau.....		1	0	1	0	seq
.....uuuguucacaguggcuaaguuc.....		3	0	3	0	seq
.....guucacaguggcuaaguuc.....		1	0	1	0	seq
.....Cuucacaguggcuaaguuc.....		1	1	1	1	seq
.....guucacaguggcuaaguuc.....		38	0	38	0	seq

Star

Mature

aagacaggaaccucucuggcgaggucagagcuaagcuaauuggugaacagugauuuuuucccuuuuguuacacaguggcuaaagucuaacaccugaagagaagggug

.AuucacaguggcuaaaguucU	1	1	seq
.guucacaguggcuaaaguucC	3	1	seq
.guucacaguggcuaaaguucua	10	0	seq
.guucacaguggcuaaaguucuaC	35	0	seq
.guucacaguggcuaaaguucuaU	6	1	seq
.guucacaguggcuaaaguucuaGc	7	1	seq
.guucacaguggcuaaaguucuaCU	4	1	seq
.guucacaguggcuaaaguucuaCa	2	0	seq
.guucacaguggcuaaaguucuaCC	14	1	seq
.guucacaguggcuaaaguucuaCaA	1	1	seq
.uucacagCggcuaaaguuc	1	1	seq
.Guacacaguggcuaaaguuc	1	1	seq
.uucacaguUgcuuaaaguuc	1	1	seq
.uucacagugCcuuaaaguuc	1	1	seq
.uucacaguggcuaaagGuc	1	1	seq
.uucacaguggcuaaaguU	6	1	seq
.uucacGguggcuaaaguuc	1	1	seq
.uucacagAggcuaaaguuc	1	1	seq
.uucacaguggcuaGguuc	4	1	seq
.uucacaguggcuaaUuuc	1	1	seq
.uucacaguggcuaaaguuc	473	0	seq
.uucacagAggcuaaaguucU	4	1	seq
.uucacaguggcuaaagGucu	3	1	seq
.uucacaguggcuaaUuucU	1	1	seq
.uucacaUuggcuaaaguucU	2	1	seq
.uucacaguggcCaaguucU	1	1	seq
.uucacaguggcuaaaguAu	5	1	seq
.uucacaguggcuaaaguucA	22	1	seq
.uAcacaguggcuaaaguucU	2	1	seq
.uucacaguggAuuaaaguucU	1	1	seq
.uucacaguggcuaaaguucA	1	1	seq
.uucacaguggcuaGguucU	1	1	seq
.uucacagGggcuaaaguucU	1	1	seq
.uucacaguggcuaaaguucG	10	1	seq
.uucacagugAcuaaaguucU	2	1	seq
.uucacaguggcUcaguucU	2	1	seq
.uucacaguggcuaaCuucU	1	1	seq
.uucacagCggcuaaaguucU	3	1	seq
.uucacaguggcuaaaguucU	7012	0	seq
.AuacacaguggcuaaaguucU	5	1	seq
.uucacaguggUuaaaguucU	5	1	seq
.uuAacaguggcuaaaguucU	1	1	seq
.uucAaguggcuaaaguucU	2	1	seq
.uucacaguggcuaUguucU	1	1	seq
.uucacagugCgcuuaaaguucU	1	1	seq
.CuacacaguggcuaaaguucU	1	1	seq
.uucacaguggcUgaguucU	1	1	seq
.uucGcaguggcuaaaguucU	3	1	seq
.uucacagugUcuuaaaguucU	1	1	seq
.uucacaguggcuaaagAucu	4	1	seq
.uucacagUgcuuaaaguucU	2	1	seq
.uucAaguggcuaaaguucU	1	1	seq
.GuacacaguggcuaaaguucU	4	1	seq
.uucacaguggcuaaaguUu	2	1	seq
.uucacaguggcuaaaguucC	10095	1	seq
.uucacaguggcuaaagCucu	3	1	seq
.uucacaguggcuaaaguucua	1201	0	seq
.uucAUaguggcuaaaguucua	1	1	seq
.uucacaguggcuaaaguucAa	5	1	seq
.uucacagugAcuaaaguucua	2	1	seq
.uucacaguggcuaaagGucua	1	1	seq
.uucacaguggcCaaguucua	1	1	seq
.uucacaguggcuaaaguucU	190	1	seq
.Auacacaguggcuaaaguucua	1	1	seq
.uucacagUgcuuaaaguucua	1	1	seq
.uucacagAgcuaaaguucua	1	1	seq
.uucacagAggcuaaaguucua	1	1	seq
.Guacacaguggcuaaaguucua	1	1	seq
.uucacaguggcuaaaguucCa	4327	1	seq
.uucacagugCgcuuaaaguucua	1	1	seq
.uucacCguggcuaaaguucua	1	1	seq
.uucacaguggcuaaaguGua	1	1	seq

Star

Mature

aagacaggaaccucucuggcgagggucagagcuuagcuauuuggugaacagugauuuuuucccuuuuguuacacaguggcuuaguuacaccugaagagaagggguug

.....uucacaguggcuuaguuucU.....	5	1	seq
.....uucacaguggcuuaguuucG.....	105	1	seq
.....uUcacaguggcuuaguuucuaC.....	2	1	seq
.....uAacacaguggcuuaguuucuaC.....	1	1	seq
.....uucacaguAgcuaaguuucuaC.....	1	1	seq
.....uucacaguggcuuaguuucUc.....	2	1	seq
.....GucacaguggcuuaguuucuaC.....	4	1	seq
.....uucacaguggcuuagAucuaC.....	2	1	seq
.....uuAacaguggcuuaguuucuaC.....	1	1	seq
.....uucacagugAcuuaguuucuaC.....	1	1	seq
.....uucacaUuggcuuaguuucuaC.....	1	1	seq
.....uucacaguggcuuaguuAuaC.....	1	1	seq
.....uucacagugUcuuaguuucuaC.....	2	1	seq
.....uuUacaguggcuuaguuucuaC.....	3	1	seq
.....CucacaguggcuuaguuucuaC.....	6	1	seq
.....uucacaguggcuuagGucuaC.....	1	1	seq
.....uucacaguggcuGaguucuaC.....	2	1	seq
.....uucacagAggcuaaguuucuaC.....	5	1	seq
.....uucacaguggcuuaguuucuaC.....	1	1	seq
.....AucacaguggcuuaguuucuaC.....	5	1	seq
.....uucacaguggcuuaguuucuaC.....	2	1	seq
.....uucacaguggcuuaguuAac.....	1	1	seq
.....uucacagGggcuuaguuucuaC.....	6	1	seq
.....uucacaguggcuuaguuucuaC.....	1	1	seq
.....uucacaguCgcuaaguuucuaC.....	1	1	seq
.....uucacaguggcuuaguuGcuaC.....	1	1	seq
.....uucacaguggcuuaguuUuaC.....	5	1	seq
.....uucacaguggcuuaguuucuaC.....	9744	0	seq
.....uucacaguggcuuaguuuaA.....	37	1	seq
.....uucacaguggUuaaguuucuaC.....	1	1	seq
.....uuGacaguggcuuaguuucuaC.....	2	1	seq
.....uucacaguggcuuaguuGuaC.....	2	1	seq
.....uucacaguggcuuaguuuaU.....	388	1	seq
.....uucacaguggcuuauUuucuaC.....	2	1	seq
.....uucacaguggcuuaguuucGc.....	1207	1	seq
.....uucacagCggcuuaguuucuaC.....	1	1	seq
.....uucacagugCcuuaguuucuaC.....	1	1	seq
.....uucacGggcuuaguuucuaC.....	3	1	seq
.....uucacaguggcuuauAuuucuaC.....	1	1	seq
.....uucacUguggcuuaguuucuaC.....	2	1	seq
.....uucacaguggAuaaguuucuaC.....	3	1	seq
.....uucacaguggcuuagCucuaC.....	5	1	seq
.....uucacaguggcuuaguuCac.....	769	1	seq
.....uucacaguggcCaaguuucuaC.....	1	1	seq
.....uucacaguUgcuaaguuucuaC.....	4	1	seq
.....uucacaguggcuuaguuuaG.....	1	1	seq
.....uucGcaguggcuuaguuucuaCa.....	1	1	seq
.....uucacaguggcuuagAucuaCa.....	2	1	seq
.....uucacagGggcuuaguuucuaCa.....	1	1	seq
.....uucacaguggcuuaguuucuaCa.....	3029	0	seq
.....uucacaguggcuuaguuucuaCa.....	1	1	seq
.....CucacaguggcuuaguuucuaCa.....	1	1	seq
.....uucacaguggcuuaguuucuaCG.....	17	1	seq
.....uucacaguggUuaaguuucuaCa.....	1	1	seq
.....uucacaguggcuuaguuuaUa.....	19	1	seq
.....uucacaguggcuuaguuuaAa.....	31	1	seq
.....uucacaguggcuuaguuucuaCC.....	3667	1	seq
.....GucacaguggcuuaguuucuaCa.....	5	1	seq
.....uucacagAggcuaaguuucuaCa.....	2	1	seq
.....uucacagugAcuuaguuucuaCa.....	1	1	seq
.....uucacaguggcuuaguuucuaCU.....	3776	1	seq
.....uucacaguggcuuaguuuCaca.....	20	1	seq
.....uucacaguUgcuaaguuucuaCa.....	1	1	seq
.....uucacGggcuuaguuucuaCa.....	2	1	seq
.....uuAacaguggcuuaguuucuaCa.....	1	1	seq
.....uucacaguggcuuaguuucGca.....	52	1	seq
.....uucacaguggcuuaguuAuaCa.....	1	1	seq
.....uucacaguggcuuagGucuaCa.....	1	1	seq
.....uucacaguggcuuaguuucGcac.....	1	1	seq
.....uucacaguggcuuaguuucacac.....	7	0	seq

Star

Mature

aagacaggaaccucucuggcgaggugcagagcuuagcuauuuggugaacagugauuauuucccuuuug	uucacaguggcuuagguucaAac	1	1	seq
.....	uucacaguggcuuagguucaCc	9	1	seq
.....	uucacaguggcuuagguucaA	100	1	seq
.....	uucacaguggcuuagguucaU	10	1	seq
.....	uucacaguggcuuagguucaacc	1	0	seq
.....	uucacaguggcuuagguucaacU	3	1	seq
.....	uucacaguggcuuagguucaCacc	1	1	seq
.....	ucacaguggcuuagguucu	11	0	seq
.....	ucacaguggcuuagguucuU	1	1	seq
.....	ucacaguggcuuagguucua	1	0	seq
.....	ucacaguggcuuagguucuaC	39	0	seq
.....	CcacaguggcuuagguucuaC	1	1	seq
.....	ucacaCuggcuuagguucuaC	1	1	seq
.....	ucacaguggcuuagguucuaCC	59	1	seq
.....	ucacaguggcuuagguucaaca	5	0	seq
.....	ucacaguggcuuagguucaacU	24	1	seq
.....	ucacaguggcuuagguucaacaA	1	1	seq
.....	ucacaguggcuuagguucaacac	2	0	seq
.....	ucacaguggcuuagguucaacCc	2	1	seq
.....	ucacaguggcuuagguucaacacc	7	0	seq
.....	ucacaguggcuuagguucaacacU	2	1	seq
.....	ucacaguggcuuagguucaacaccu	1	0	seq
.....	cacaguggcuuagguucua	1	0	seq
.....	cacaguggcuuagguucuaC	2	0	seq
.....	cacaguggcuuagguucuaC	1	1	seq
.....	cacaguggcuuagguucaaca	1	0	seq
.....	cacaguggcuuagguucaacac	1	0	seq
.....	cacaguggcuuagguucuGcacc	2	1	seq
.....	cacaguggcuuagguucaacacU	4	1	seq
.....	cacaguggcuuagguucaacacc	2	0	seq
.....	cacaguggcuuagguucaacaccu	1	0	seq
.....	acaguggcuuagguucuaC	1	0	seq
.....	acaguggcuuagguucaacacc	2	0	seq
.....	acaguggcuuagguucuGcacc	2	1	seq
.....	acaguggcuuagguucaacaccu	2	0	seq

Mature

Star

uaacauuaauugguuaagcacaagugugagaacuugaccucgaacgcuugccaacaguccacaguuucuaaagucagugaauccagcuuucuuuaaccuugcuugcuuagggc

.....gugugagaacuugaccucgaacgcuugccG.....	1	1	seq
.....gugugagaacuugaccucgaacgcuugccaacaguccaca.....	1	0	seq
.....ugugagaacuugaccucg.....	4	0	seq
.....ugugagaacuugaccucCa.....	1	1	seq
.....ugugagaacuugaccucgG.....	1	1	seq
.....ugugagaacuugaccucgaa.....	33	0	seq
.....ugugagaacuugaccucgaa.....	23	0	seq
.....ugugagaacuugaccucgaG.....	1	1	seq
.....ugugagaacuugaccucgaac.....	14	0	seq
.....ugugagaacuugaccucgaacg.....	19	0	seq
.....ugugagaacuugaccucgUacgc.....	1	1	seq
.....ugugagaacuugaccucgaacGgc.....	1	1	seq
.....ugugagaacuugaccucgaacgU.....	1	1	seq
.....ugugagaacuugaccucgaacgc.....	53	0	seq
.....ugugagaauUugaccucgaacgc.....	1	1	seq
.....Ggugagaacuugaccucgaacgcu.....	2	1	seq
.....ugugagGacuugaccucgaacgcu.....	1	1	seq
.....uAugagaacuugaccucgaacgcu.....	1	1	seq
.....ugugagaacuugaccucgaacgcA.....	8	1	seq
.....ugugagaacuugaccucgaacgcGcgc.....	1	1	seq
.....ugugagaacuugaccucgaacgcC.....	1	1	seq
.....ugugagaacuugaUcucgaacgcu.....	1	1	seq
.....ugugagaacuugaccucAaacgcu.....	4	1	seq
.....ugugagaacuugaccucAgaacgcu.....	2	1	seq
.....ugugagaGcuugaccucgaacgcu.....	1	1	seq
.....ugugagaacuugaccucgaacgcG.....	14	1	seq
.....ugugagaacuugaccucgaacgcGc.....	1	1	seq
.....ugugagaacuugaccucgaacgcGc.....	1	1	seq
.....ugugagaacuugaccucgaacgcGc.....	1	1	seq
.....ugugagaacuugaccucgaacgcGc.....	2	1	seq
.....ugugagaacuugaccucgaacgcGc.....	1237	0	seq
.....ugCgagaacuugaccucgaacgcu.....	2	1	seq
.....ugugagaacuugaAcucgaacgcu.....	1	1	seq
.....ugugagaacuUaccucgaacgcu.....	1	1	seq
.....ugugagaacuugaccucAaacgcu.....	1	1	seq
.....ugugagaacuugaccucgaacgcu.....	13	0	seq
.....ugugagaacuugaccucgaacgcuugc.....	1	0	seq
.....ugugagaacuugaccucgaacgcuugcc.....	2	0	seq
.....ugugagaacuugaccucgaacgcuugcc.....	1	1	seq
.....ugugagaacuugaccucgaacgcuugcca.....	3	0	seq
.....ugugagaacuugaccucgaacgcuugccaacag.....	2	0	seq
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.....ugugagaacuugaccucgaacgcuugccaacagucc.....	16	0	seq
.....ugugagaacuugaccucgaacgcuugccaacagucca.....	4	0	seq
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.....ugugagaacuugaccucgaaUgcuugccaacaguccaca.....	2	1	seq
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.....gugagaacuugaccucgaa.....	3	0	seq
.....gugagaacuugaccucgaa.....	8	0	seq
.....gugagaacuugaccucgaacg.....	3	0	seq
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.....gugagaacuugaccucgaacgcuugcc.....	1	0	seq
.....ugagaacuugaccucgaa.....	5	0	seq
.....ugagaacuugaccucgaac.....	2	0	seq
.....ugagaacuugaccucgaacg.....	3	0	seq
.....ugagaacuugaccucgaacgc.....	15	0	seq
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.....ugagaacuugaccucgaacgcA.....	4	1	seq
.....uAagaacuugaccucgaacgcu.....	1	1	seq
.....ugagaacuugaccucgaacgcG.....	3	1	seq
.....ugagaacuugaccucgaacgcC.....	1	1	seq
.....ugagaaUugaccucgaacgcu.....	1	1	seq
.....ugagaacuugaccucgaacgcu.....	234	0	seq
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.....ugagaacuugaccucgaacgcu.....	4	0	seq
.....ugagaacuugaccucgaacgcuugcc.....	6	0	seq
.....ugagaacuugaccucgaacgcuugcca.....	1	0	seq

Mature

Star

uaacauuaauugguuaagcacaagugugagaacuugaccucgaacgcuugccaacaguccacaguucauaagucagugaaucgcuucuuuaaccuugcuugcuuagggc

.....ugagaacuugaccucgaacgcuugccaacagu.....	1	0	seq
.....ugagaacuugaccucgaacgcuugccaacaguccaca.....	1	0	seq
.....ugagaacuugaccucgaacAcuugccaacaguccacagu.....	1	1	seq
.....ugagaacuugaccucgaaUgcuugccaacaguccacaguuc.....	1	1	seq
.....gagaacuugaccucgaacgc.....	3	0	seq
.....gagaacuugacUucgaaacgcu.....	1	1	seq
.....gagaacuugaccucgaacgcu.....	30	0	seq
.....gagaacuugaccucgaacgcuU.....	1	1	seq
.....gagaacuugaccucgaacgcuugcc.....	3	0	seq
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.....gagaacuugaccucgaacgcuugccaa.....	1	0	seq
.....gagaacuugaccucgaacgcuugccaacag.....	1	0	seq
.....gagaacuugaccucgaacgcuugccaacagucc.....	1	0	seq
.....gagaacuugaccucgaacgcuugccaacagucca.....	1	0	seq
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.....gagaacuugaccucgaaUgcuugccaacaguccacag.....	1	1	seq
.....gagaacuugaccucgaaUgcuugccaacaguccacaguuc.....	1	1	seq
.....agaacuugaccucgaacg.....	2	0	seq
.....agaacuugaccucgaacgc.....	3	0	seq
.....agaacuugaccucgaacgcu.....	4	0	seq
.....agaacuugaccucgaaUgcuugccaacaguccaca.....	1	1	seq
.....agaacuugaccucgaaUgcuugccaacaguccacagu.....	1	1	seq
.....aacuugaccucgaacgcu.....	13	0	seq
.....aacuugaccucgaacgcuu.....	1	0	seq
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.....uugaccucgaacgcuugccaacagucc.....	1	0	seq
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.....uugaccucgaacgcuugccaacaguccacaguucucauaaC.....	1	1	seq
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.....ugaccucgaacgcuugccaacagu.....	3	0	seq
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.....ugaccucgaacgcuugccaacaguc.....	9	0	seq
.....ugaccucgaacgcuugccGacaguc.....	1	1	seq
.....ugaccucgaacgcuugccaacagucU.....	2	1	seq
.....ugCccucgaacgcuugccaacagucc.....	1	1	seq
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.....ugaccucgaaUgcuugccaacaguccacagu.....	1	1	seq
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.....ugaccucgaaAcuugccaacaguccacaguuc.....	1	1	seq
.....ugaccucgaacgcuugccaacaguccacaguucucauaaC.....	1	1	seq
.....ugaccucgaacgcuugccaacaguccacaguucucauaaCu.....	1	1	seq
.....accucgaacgcuugccaacagucc.....	1	0	seq
.....cucgaacgcuugccaacaguc.....	1	0	seq
.....cucgaacgcuugccaacaguccacaguucucauaaC.....	5	1	seq
.....ucgaacgcuugcUaacagucc.....	1	1	seq

Mature

Star

uaacauuaauugguuaagcacaagugugagaacuugaccucgaacgcuugccaacaguccacagauucuaaagucagugaaauccagcuucucuuaaccuugcuugcuuagggc

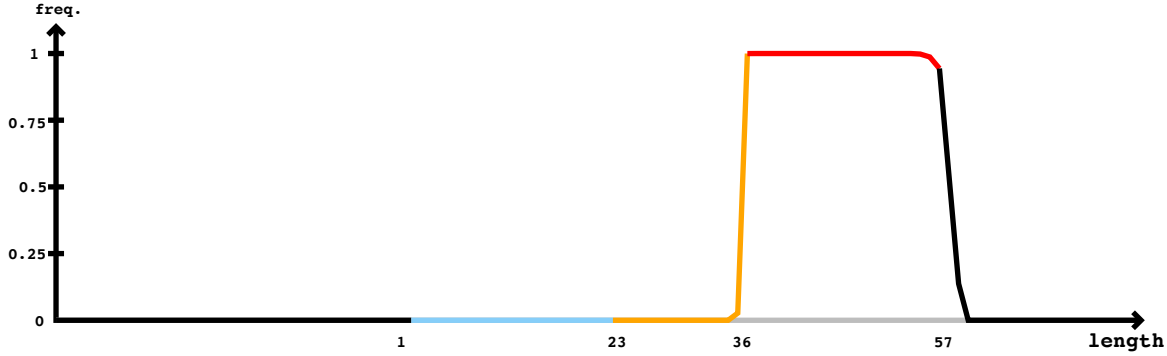
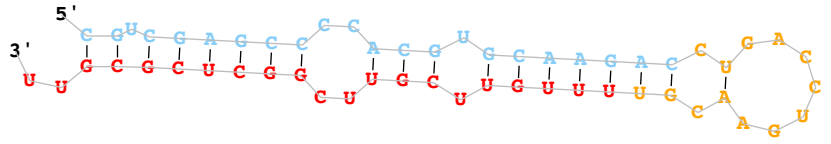
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.....acgcuugccaacaguccacaguuC.....	1	0	seq
.....acgcuugccaacaguccacaguuC.....	1	1	seq
.....cgcuugccaacaguccacaguuC.....	1	1	seq
.....UgcuugccaacaguccacaguuC.....	1	1	seq
.....UgcuugccaacaguccacaguuC.....	1	1	seq
.....UgcuugccaacaguccacaguuC.....	1	1	seq
.....cgcuugccaacaguccacaguuC.....	6	1	seq
.....gcuugccaacaguccacaguuC.....	1	0	seq
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.....cuugccaacaguccacaguuC.....	1	1	seq
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.....ugccaacaguccacaguuC.....	1	0	seq
.....ugccaacaguccacaguuC.....	2	0	seq
.....ugccaacaguccacaguuC.....	22	0	seq
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.....ugccaacaguccacaguuC.....	3	0	seq
.....ugccaacaguccacaguuC.....	1091	1	seq
.....ugccaacaguccacaguuC.....	9	1	seq
.....ugccaacaguccacaguuC.....	14	1	seq
.....ugccaacaguccacaguuC.....	1	1	seq
.....ugccaacaguccacaguuC.....	1	1	seq
.....gccaacaguccacaguuC.....	1	0	seq
.....gccaacaguccacaguuC.....	1	0	seq
.....gccaacaguccacaguuC.....	18	1	seq
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.....aacaguccacaguuC.....	2	1	seq
.....aacaguccacaguuC.....	1	1	seq
.....aacaguccacaguuC.....	4	1	seq
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.....ucauaaCucagugaaauccagc.....	1	1	seq
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.....ucauaaCucagugaaauccagc.....	1	0	seq
.....auaaCucagugaaauccagc.....	1	1	seq
.....uaaCucagugaaauccagc.....	1	1	seq
.....ucagugaaCuccagc.....	1	1	seq

Mature

Star

uaacauuaauugguaagcacaagugugagaacuugaccucgaacgcuugccaacaguccacaguucucuaaagucagugaa <u>u</u> ccagcuuc <u>u</u> cuua <u>ccu</u> ugcuugcuuaggc			
.....ucagugaa <u>u</u> ccagcuuc <u>u</u> cu.....	4	0	seq
.....ucGgugaa <u>u</u> ccagcuuc <u>u</u> cu.....	1	1	seq
.....ucagugaa <u>u</u> ccagcuuc <u>u</u> cu.....	5	0	seq
.....ucagugaa <u>u</u> ccagcuuc <u>u</u> cu.....	1	1	seq
.....ucGgugaa <u>u</u> ccagcuuc <u>u</u> cu.....	1	1	seq
.....ucagugaa <u>u</u> ccagcuuc <u>u</u> cu.....	5	0	seq
.....ucagugaa <u>u</u> ccagcuuc <u>u</u> cu.....	1	1	seq
.....ucagugaa <u>u</u> ccagcuuc <u>u</u> cu.....	2	1	seq
.....ucagugaa <u>u</u> ccagcuuc <u>u</u> cu.....	1	1	seq
.....ucagugaa <u>u</u> ccagcuuc <u>u</u> cu.....	1	0	seq

Provisional ID : mun-miR-375
 Score total : 5.4
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 4603
 Mature read count : 4603
 Loop read count : 0
 Star read count : 0



Star

Mature

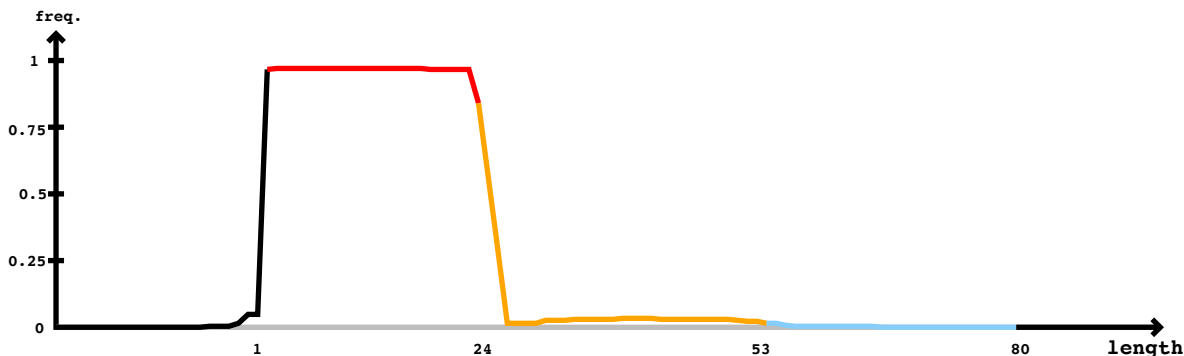
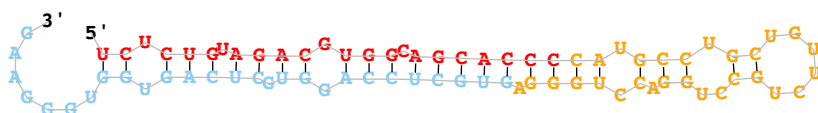
5' -	Star	Mature	-3'	exp	reads	mm	sample
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.	(.((.....)).)	reads	6	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	16	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	77	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	14	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	9	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	7	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	43	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	5	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	161	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	2	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	2	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	4	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	2	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	3	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	2025	0	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	8	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	3	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	reads	3	1	seq
.....	uuuugucguucggcucg	uuuugucguucggcucg	uuuugucguucggcucg	mm	1	1	seq

Star

Mature

Sequence	Count	Count	Label
.....uuuguuGguucggcucgcguu.....	1	1	seq
.....uuuguucguucggcucCcguu.....	1	1	seq
.....uuuguucguucggcucgcUuu.....	1	1	seq
.....uuuguucguucggcucgcUguu.....	1	1	seq
.....uuuguucguucggcucgcgGu.....	8	1	seq
.....uuuguucguucggcucgcgCu.....	1	1	seq
.....uuuguucguucggcucgcgCuC.....	2	1	seq
.....uuuguuUguucggcucgcgguu.....	2	1	seq
.....uuuguucguucggcucgcAguu.....	1	1	seq
.....uuuguucguucUgcucgcgguu.....	1	1	seq
.....uuuguucguucggAuCcgguu.....	3	1	seq
.....uuuguucguucggcucgcgguU.....	253	1	seq
.....uuuguucguucggcucgcAguaa.....	1	1	seq
.....uuuguucguucggcucgcgguAa.....	4	1	seq
.....uuuguucguucggcucgcgCua.....	1	1	seq
.....uuuguucguucUgcucgcgguaa.....	1	1	seq
.....uuuguucguucggcucgcgguaa.....	1246	0	seq
.....Guuguucguucggcucgcgguaa.....	3	1	seq
.....uuuguucguucggcucgcgGuA.....	2	1	seq
.....uuuguucguucggcucgcgGuCa.....	6	1	seq
.....uuuguucguuUggcucgcgguaa.....	3	1	seq
.....uuuguucguucggcucgcgguuG.....	2	1	seq
.....uuuguucguucggcucgcgguuC.....	3	1	seq
.....uuuguucgGucggcucgcgguaa.....	1	1	seq
.....Cuuguucguucggcucgcgguaa.....	2	1	seq
.....uuuguucguucgCcucgcgguaa.....	1	1	seq
.....uuuguucguCcggcucgcgguaa.....	1	1	seq
.....uuuguucguucggcucgcgGua.....	4	1	seq
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.....uuuguucguucggcucgcgguaaG.....	1	0	seq
.....uuuguucguucggcucgcgguaaA.....	82	1	seq
.....uuuguucguucggcucgcgguaaU.....	547	1	seq
.....uuguucguucggcucgcgguaa.....	1	0	seq

Provisional ID : mun-novel20
 Score total : 1.8
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 263
 Mature read count : 256
 Loop read count : 7
 Star read count : 0

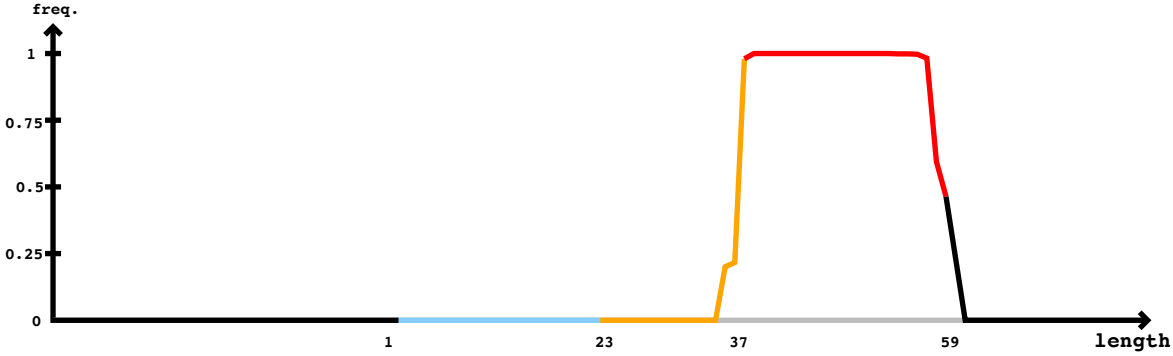
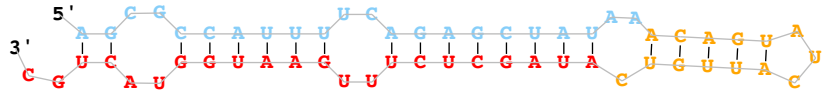


Mature

Star

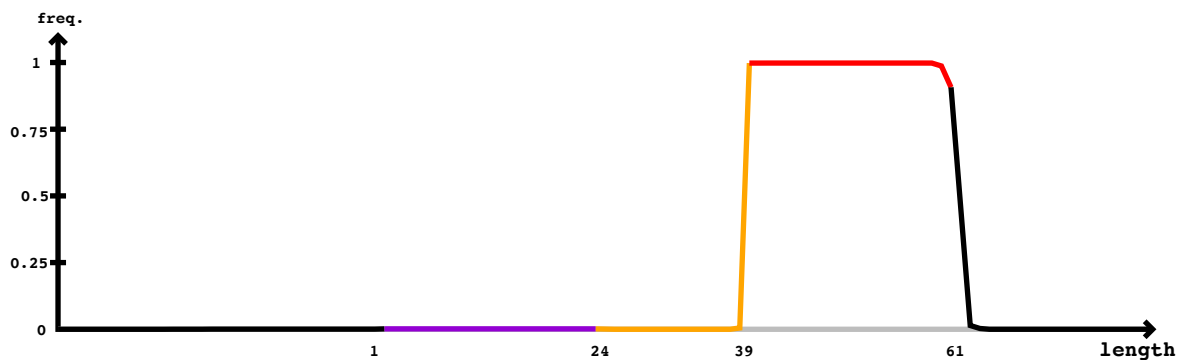
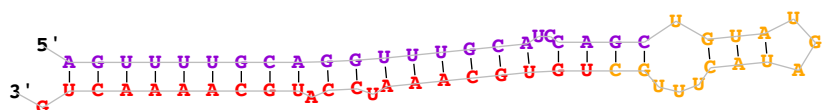
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ucucucuguagacguggcagcacc		mm	1	1	seq
ucucucuguagacguggcagcacc		reads	1	1	seq
cucucuguagacguggcagcacc		mm	3	1	seq
cuucucugCagacguggcagcacc		reads	1	1	seq
cucucuguagacguggcagcacc		mm	2	1	seq
cucucuguagacguggcagcacc		reads	2	1	seq
cucucuguagacguggcagcacc		mm	2	1	seq
ucucugCagacguggcagcacc		reads	1	1	seq
ucucugCagacguggcagcacc		mm	28	1	seq
ucucugCagacguggcagcacc		reads	80	1	seq
ucucuguagacguggcagcacc		mm	5	0	seq
ucucuguagacguggcagcacc		reads	11	0	seq
ucucugCagacguggcagcacc		mm	46	1	seq
ucucugCagacguggcagcacc		reads	51	1	seq
ucucuguagacguggcagcacc		mm	25	0	seq
ucucuguagacguggcagcacc		reads	1	0	seq
cucuguagacguggcagcacc		mm	1	0	seq
ugccugcuguucguggaccug		reads	1	0	seq
ugccugcuguucguggaccug		mm	1	0	seq
ugccugcuguucguggaccug		reads	1	0	seq
ugcuguucguggaccuggga		mm	2	0	seq
ugcuguucguggaccuggga		reads	1	0	seq
uguucguggaccugggagug		mm	1	0	seq
ugccuggaccugggagugcuccaggug		reads	1	0	seq

Provisional ID : mun-miR-458a
 Score total : 5.5
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 753
 Mature read count : 753
 Loop read count : 0
 Star read count : 0



5' -	Star	Mature	-3'	exp	reads	mm	sample
.(((.....))).....	gggacgagagccgcugcaccauggugcagauggc	agcgccauuuucagagcuuaaacaguaucuuuucauagcucuugaugguacugc	caauauguaccgaaaaccag				
.....		.....			1	0	seq
.....		.....			7	0	seq
.....		.....			118	0	seq
.....		.....			1	1	seq
.....		.....			1	1	seq
.....		.....			1	1	seq
.....		.....			1	1	seq
.....		.....			1	1	seq
.....		.....			15	0	seq
.....		.....			1	1	seq
.....		.....			2	1	seq
.....		.....			8	0	seq
.....		.....			4	0	seq
.....		.....			1	0	seq
.....		.....			4	0	seq
.....		.....			1	1	seq
.....		.....			1	1	seq
.....		.....			1	1	seq
.....		.....			156	0	seq
.....		.....			1	1	seq
.....		.....			77	0	seq
.....		.....			266	0	seq
.....		.....			23	1	seq
.....		.....			1	1	seq
.....		.....			38	1	seq
.....		.....			5	1	seq
.....		.....			1	0	seq
.....		.....			8	0	seq
.....		.....			2	0	seq
.....		.....			4	1	seq

Provisional ID : mun-miR-19b
 Score total : 3380.8
 Score for star read(s) : 3.9
 Score for read counts : 3370.6
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 6623
 Mature read count : 6613
 Loop read count : 0
 Star read count : 10



Star **Mature**

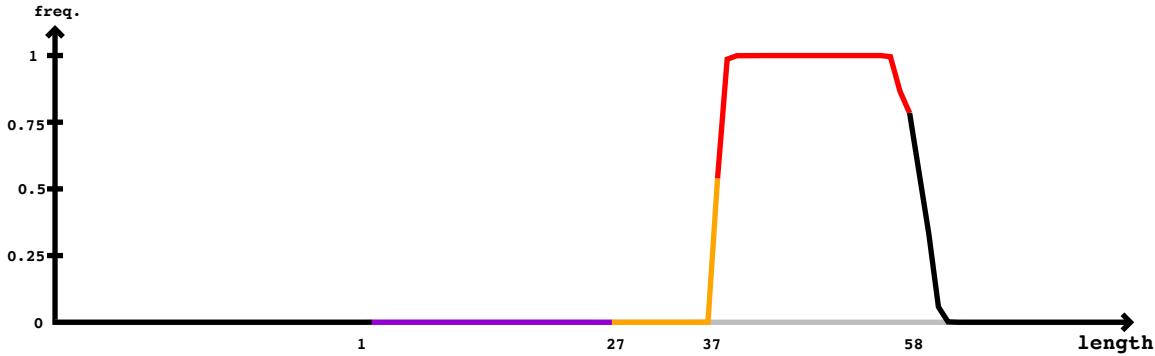
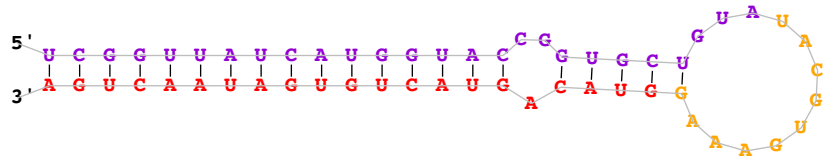
5' -		-3'	obs	mm	sample
uuuuuuuuuuuuuuuuuuaaacacuguuucucugguu	aguuuugcagguuugcauccagcugu	gaaugaaaacacacuguuucucugguuuuuuuugcagguuugcauccagcugu			
		gaaugaaaacacacuguuucucugguuuuuuuugcagguuugcauccagcugu	reads	mm	seq
.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....)).....			1	0	seq
.....aaugaaacacuguuucucugguu.....			2	0	seq
.....gaacacuguuucucugguu.....			1	0	seq
.....aguuuugcagguuugcauccag.....			7	0	seq
.....aguuuugcagguuugcauccagc.....			1	1	seq
.....aguuuugcagguuugcauccagU.....			1	0	seq
.....aguuuugcagguuugcauccagcU.....			14	0	seq
.....cugugcaaaaauccaugcaaaaacu.....			10	0	seq
.....cugugcaaaaauccaugcaaaaacug.....			2	0	seq
.....cugugcaaaaauccaugcaaaaacuga.....			5	1	seq
.....cugugcaaaaauccaugcaaaaacugU.....			1	1	seq
.....cugugcaaaaauccaugcaaaaacugaU.....			1	0	seq
.....ugugcaaaaauccaugcaaaa.....			1	1	seq
.....uguAcaaaauccaugcaaaaac.....			70	0	seq
.....ugugcaaaaauccaugcaaaaac.....			1	1	seq
.....ugCgcaaaaauccaugcaaaaac.....			476	0	seq
.....ugugcaaaaauccaugcaaaaacu.....			1	1	seq
.....Agugcaaaaauccaugcaaaaacu.....			1	1	seq
.....ugCgcaaaaauccaugcaaaaacu.....			3	1	seq
.....Ggugcaaaaauccaugcaaaaacu.....			31	1	seq
.....ugugcaaaaauccaugUaaaaacu.....			1	1	seq
.....ugugcaaaaauccaUcaaaaacu.....			1	1	seq
.....ugugcaaaaauccaUCcaaaaacu.....			1	1	seq
.....ugugcaaaaauccaugcaaaaacA.....			1	1	seq
.....uCuGcaaaaauccaugcaaaaacu.....			1	1	seq
.....ugugcaaaaauccaugcaaaaacCg.....			1	1	seq
.....ugugcaaaaauccaugcaaaaacuU.....			2	1	seq
.....ugugcaaaaauccaugcaaaaacug.....			1	1	seq
.....uAugcaaaaauccaugcaaaaacug.....			1	1	seq
.....ugugcaaaaauccaugcaaaaacugc.....			1	1	seq
.....ugugcaaaaauccaugcaaaaacug.....			1	1	seq
.....ugugcaaaaauccaugAaaaaacug.....			1	1	seq
.....Ggugcaaaaauccaugcaaaaacug.....			3	1	seq
.....Agugcaaaaauccaugcaaaaacug.....			2	1	seq

Star

Mature

uuuauuuuuuuuugaacacugucucugguuaguuugcagguuugcauccagcuguugauacuugucuguccaaucacugacuguggcagugacaaguca			
.....ugAgcaaaucacugcaaaacug.....	1	1	seq
.....ugugcaaaucacucacaaacug.....	2	1	seq
.....ugugcaaaucacucacaaacuA.....	3	1	seq
.....uCuGcaaaucacugcaaaacug.....	1	1	seq
.....ugugcaaaucacugUaaaacug.....	20	1	seq
.....ugugcaaaucacugcaaaacug.....	1	1	seq
.....ugugcaaaucacugcaaaacGg.....	7	1	seq
.....ugugcaaaucacugcaaaacug.....	3382	0	seq
.....ugugcaaaucacucacaaacug.....	2	1	seq
.....ugugAaaaucacugcaaaacug.....	1	1	seq
.....ugugcUaaucacugcaaaacug.....	1	1	seq
.....uguAcaaaucacugcaaaacug.....	2	1	seq
.....uguUcaaaucacugcaaaacug.....	1	1	seq
.....ugugcaaaucacucacaaacug.....	1	1	seq
.....ugugcaaaucacucacaaacuga.....	1	1	seq
.....ugugcaaaucacugcaaaacuUa.....	1	1	seq
.....uUugcaaaucacugcaaaacuga.....	2	1	seq
.....ugugcaaaucacugcaaaacugC.....	27	1	seq
.....ugugcaaaucacugcaaaacuga.....	1617	0	seq
.....ugugcaaaucacugcaaaacugU.....	784	1	seq
.....Agugcaaaucacugcaaaacuga.....	1	1	seq
.....ugugcaaaucacugAaaaacuga.....	1	1	seq
.....ugugcaaaucacucacaaacuga.....	2	1	seq
.....ugugcaaaucacucacaaacuga.....	1	1	seq
.....ugugcaaaucacugUaaaacuga.....	1	1	seq
.....ugugcGaaucacugcaaaacuga.....	1	1	seq
.....ugugcaaGucacugcaaaacuga.....	1	1	seq
.....ugugcaaaucacugcaaaacugG.....	14	1	seq
.....Ggugcaaaucacugcaaaacuga.....	5	1	seq
.....ugugcaaaucacucacaaacuga.....	1	1	seq
.....ugugcaaaucUaugcaaaacugac.....	7	1	seq
.....ugugcaaaucacugcaaaacugac.....	19	0	seq
.....ugugcaaaucacugcaaaacugaA.....	7	1	seq
.....ugugcaaaucacugcaaaacugaU.....	40	1	seq
.....ugugcaaaucacugcaaaacugacu.....	8	0	seq
.....ugugcaaaucacugcaaaacugaAu.....	1	1	seq
.....ugugcaaaucacugcaaaacugaUu.....	2	1	seq
.....ugugcaaaucUaugcaaaacugacu.....	9	1	seq
.....ugUaaaucacugcaaaacug.....	1	1	seq

Provisional ID : mun-miR-101-1
 Score total : 4.9
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.6
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 49193
 Mature read count : 49186
 Loop read count : 0
 Star read count : 7



Star **Mature**

5' -		-3'	obs	mm	sample
			reads		
augaaaauaagacugugaacuguccuuuuucgguuaucaugguaccggugcuguaacgugaagguacagauacuguaaacugaagaugggugccaucacuug					
augaaaauaagacugugaacuguccuuuuucgguuaucaugguaccggugcuguaacgugaagguacagauacuguaaacugaagaugggugccaucacuug					
.....(((((((.....((((((((((((((((((((((((.....((((.....))))))))).....))))))))).....)).....)).....)).....					
augaaaauaagacugugaacuguccuuuu.....			1	0	seq
.....acugugaacuguccuuuu.....			1	0	seq
.....ucgguuaucaugguaccggug.....			1	0	seq
.....ucgguuaucaugguaccggugc.....			1	0	seq
.....ucgguuaucaugguaccggugA.....			1	1	seq
.....ucgguuaucaugguaccggugcu.....			2	0	seq
.....ucgguuaucaugguaccggugcugua.....			2	0	seq
.....aaagguacagauacuguguaaacu.....			1	0	seq
.....aagguacagauacuguguaaacu.....			5	0	seq
.....agguacagauacuguguaaacu.....			2	0	seq
.....Uguacagauacuguguaaacu.....			1	1	seq
.....gguacagauacuguguaaacu.....			5	0	seq
.....Cguacagauacuguguaaacu.....			2	1	seq
.....gguacagauacuguguaaacug.....			5	0	seq
.....Cguacagauacuguguaaacuga.....			3	1	seq
.....gguacagauacuguguaaacuga.....			3	0	seq
.....guacagauacuguguaaac.....			205	0	seq
.....guacagAacuguguaaac.....			3	1	seq
.....guacagauacuguguaaaUu.....			1	1	seq
.....guacagauacugAguaaac.....			1	1	seq
.....guacagauacAguguaaac.....			1	1	seq
.....guacGguacuguguaaac.....			2	1	seq
.....guacagauacCuguaaac.....			2	1	seq
.....guacagauacCguguaaac.....			1	1	seq
.....gGacagauacuguguaaac.....			1	1	seq
.....guaUaguacuguguaaac.....			1	1	seq
.....guacaguCuguguaaac.....			1	1	seq
.....guacagauacuguguaaGcu.....			1	1	seq
.....guacagauacuguguaaacG.....			11	1	seq
.....guacagauacGguguaaac.....			1	1	seq
.....guacaUuacuguguaaac.....			3	1	seq
.....guacagauacCguaaac.....			1	1	seq
.....Auaacagauacuguguaaac.....			3	1	seq

Star

Mature

augaaaauaagacugugaacuguccuuuuucgguuaucaugguaccggugcuguaucgugaaggguacagucugugauaacugaagaugggugccaucacuug

.....Cuacagucugugauaacu.....	2	1	seq
.....guacagucugugauaacu.....	6153	0	seq
.....guacagucUugauaacu.....	1	1	seq
.....guaAagucugugauaacu.....	4	1	seq
.....guacagucuguaAauaacu.....	1	1	seq
.....guacagGacugugauaacu.....	1	1	seq
.....guacagucugugauaacC.....	1	1	seq
.....Uuacagucugugauaacu.....	2	1	seq
.....guacagucuguCauaacu.....	2	1	seq
.....guacagucuguguaaAC.....	2	1	seq
.....gCacagucugugauaacu.....	3	1	seq
.....guacagucUuguaaacug.....	1	1	seq
.....guUcagucuguguaaacug.....	1	1	seq
.....guacaUuacuguguaaacug.....	2	1	seq
.....Cuacagucuguguaaacug.....	3	1	seq
.....gCacagucuguguaaacug.....	1	1	seq
.....Uuacagucuguguaaacug.....	2	1	seq
.....guacagucuguguaaAC.....	9	1	seq
.....guacagGacuguguaaacug.....	1	1	seq
.....guacagucugAguaaacug.....	2	1	seq
.....guacaguaGuguguaaacug.....	1	1	seq
.....Auacagucuguguaaacug.....	4	1	seq
.....guacagucuguCauaacug.....	1	1	seq
.....guacagucuguguaaacug.....	3488	0	seq
.....guacagucuguguaaAAug.....	1	1	seq
.....guacagucuguguaaacGg.....	9	1	seq
.....guacagucugGguaaacug.....	1	1	seq
.....guacagucugGuaaacug.....	1	1	seq
.....guacagucAguguaaacug.....	1	1	seq
.....guacagucuguguaaCU.....	5	1	seq
.....guacaguaUuguguaaacug.....	3	1	seq
.....guacagucugGguaaacuga.....	2	1	seq
.....Cuacagucuguguaaacuga.....	2	1	seq
.....guacagucUuguaaacuga.....	2	1	seq
.....guacaguaGuguguaaacuga.....	1	1	seq
.....guacaUuacuguguaaacuga.....	2	1	seq
.....guacagucuaAuguaaacuga.....	1	1	seq
.....guacagucuguCauaacuga.....	2	1	seq
.....guacagucuguguaaacugG.....	75	1	seq
.....guacagucugGuaaacuga.....	1	1	seq
.....guacagucuguguaaUuga.....	1	1	seq
.....guacaguaAAuguaaacuga.....	2	1	seq
.....guacagucuguguaaGcuga.....	3	1	seq
.....guacagucuguaAauaacuga.....	1	1	seq
.....guacaguaUuguguaaacuga.....	4	1	seq
.....guacagucuguguaaUcuga.....	2	1	seq
.....guacagucuguguaaacugU.....	581	1	seq
.....guacagucuguguaaCUa.....	1	1	seq
.....Auacagucuguguaaacuga.....	5	1	seq
.....guacagucugCguaaacuga.....	1	1	seq
.....gCacagucuguguaaacuga.....	1	1	seq
.....guacagucugAguaaacuga.....	4	1	seq
.....guacagGacuguguaaacuga.....	1	1	seq
.....guacagucuguguaaacCga.....	1	1	seq
.....guacaAuacuguguaaacuga.....	1	1	seq
.....guacagAACuguguaaacuga.....	2	1	seq
.....guacagucugugaCaacuga.....	2	1	seq
.....guacagucuguguaaacugC.....	5	1	seq
.....guacagucuguguaaacuga.....	9581	0	seq
.....guacagucuguguaaAuga.....	2	1	seq
.....guacagucAguguaaacuga.....	2	1	seq
.....guacagucuguguaaacAGA.....	1	1	seq
.....guacagCacuguguaaacuga.....	5	1	seq
.....Uuacagucuguguaaacuga.....	1	1	seq
.....guacagucCguguaaacuga.....	3	1	seq
.....guacagucugUuaaacuga.....	1	1	seq
.....guacagucuguguaaacugaa.....	3707	0	seq
.....guacagucuguguaaacugaU.....	444	1	seq
.....guacagucugGguaaacugaa.....	1	1	seq
.....guacagucugGuaaacugaa.....	1	1	seq

Star

Mature

augaaaauaagacugugaacuguccuuuuucgguaucaugguaccggugcuguaucgugaaggguacagucugugauaacugaagauggggccaucacuug

.....Cuacaguacugugauaacugaa.....	1	1	seq
.....guacaAuacugugauaacugaa.....	1	1	seq
.....guacaguacugugauaacugag.....	1	1	seq
.....guacaguacugugauaacugaC.....	820	1	seq
.....guacagCacugugauaacugaa.....	1	1	seq
.....guacaguGcugugauaacugaa.....	1	1	seq
.....guacaguacuguUauaacugaa.....	1	1	seq
.....gaaAaguacugugauaacugaa.....	2	1	seq
.....guacaguacugugauaGcugaa.....	1	1	seq
.....guacaguacugugauaaUugaa.....	1	1	seq
.....guacagGacugugauaacugaa.....	1	1	seq
.....guGcaguacugugauaacugaa.....	1	1	seq
.....guacaguacugugaCaacugaa.....	1	1	seq
.....guacaUuacugugauaacugaa.....	1	1	seq
.....guacaguaAugugauaacugaa.....	1	1	seq
.....guacaguacugugauaacugUa.....	2	1	seq
.....gCacaguacugugauaacugaa.....	2	1	seq
.....Auacaguacugugauaacugaa.....	3	1	seq
.....guacaguacGgugauaacugaa.....	1	1	seq
.....Uuacaguacugugauaacugaa.....	3	1	seq
.....guacaguacugugauaacugaaag.....	30	0	seq
.....guacaguacugugauaacugaCg.....	1	1	seq
.....guacaguacugugauaacugaaC.....	70	1	seq
.....guacaguacugugauaacugaaU.....	293	1	seq
.....guacaguacugugauaacugaaA.....	840	1	seq
.....guacaguacugugauaacugaagU.....	1	1	seq
.....guacaguacugugauaacugaaga.....	1	0	seq
.....guacaguacugugauaacugaaUa.....	11	1	seq
.....guacaguacugugauaacugaaAa.....	40	1	seq
.....guacaguacugugauaacugaagaU.....	1	1	seq
.....guacaguacugugauaacugaaAaa.....	2	1	seq
.....uacaguacugugauaacG.....	1	1	seq
.....uacagCacugugauaacu.....	1	1	seq
.....uacaguacugugauaacu.....	164	0	seq
.....uacaguacugugauaacug.....	461	0	seq
.....uacagCacugugauaacug.....	1	1	seq
.....uacagAacugugauaacug.....	1	1	seq
.....uacaguacugugUuacugaa.....	2	1	seq
.....uacaguacugugauaGcuga.....	2	1	seq
.....uacagGacugugauaacuga.....	1	1	seq
.....uacaguacuAugauaacuga.....	1	1	seq
.....uacaguaUugugauaacuga.....	1	1	seq
.....uacaCuacugugauaacuga.....	1	1	seq
.....uacGguacugugauaacuga.....	1	1	seq
.....uacaguacugugauaacGga.....	1	1	seq
.....uacaguacugugauaacuga.....	2504	0	seq
.....Gacaguacugugauaacuga.....	1	1	seq
.....Aacaguacugugauaacuga.....	3	1	seq
.....uacaguacugugauaacugG.....	17	1	seq
.....uacagAacugugauaacuga.....	2	1	seq
.....uaAaguacugugauaacuga.....	1	1	seq
.....uacaUuacugugauaacuga.....	1	1	seq
.....uacaguacuUugauaacuga.....	2	1	seq
.....uacaguacugugUuacuga.....	1	1	seq
.....uacaguacugugauaacugU.....	107	1	seq
.....Cacaguacugugauaacuga.....	1	1	seq
.....uacaguacugugauaacugC.....	1	1	seq
.....uacaguacugugauaaAuga.....	2	1	seq
.....uacaguacugugauaacuUa.....	1	1	seq
.....uacaguacugUuauaacuga.....	2	1	seq
.....uacaguacugUauaacuga.....	1	1	seq
.....uacaguacugugauaacugaC.....	765	1	seq
.....uacaguacugugUuacugaa.....	2	1	seq
.....uacaguacugugauaacugaU.....	167	1	seq
.....uacGguacugugauaacugaa.....	3	1	seq
.....uacaguacugugauaacCgaa.....	1	1	seq
.....uacaguacugugauaacuAaa.....	1	1	seq
.....uacaguacuCugauaacugaa.....	1	1	seq
.....uacaguaAugugauaacugaa.....	2	1	seq
.....Cacaguacugugauaacugaa.....	2	1	seq

Star

Mature

augaaaauaagacugugaacuguccuuuuucgguuaucaugguaccggugcuguaucgugaaggguacagucugugauaacugaagaugggugccaucacuug

.....uacaguacugugauaaGugaa.....	1	1	seq
.....uacaguacugugauaacGgaa.....	1	1	seq
.....uacaguacugugauaacugaa.....	3295	0	seq
.....uacagGacugugauaacugaa.....	2	1	seq
.....uacaguacugugauaacugaG.....	1	1	seq
.....uacaguacugCgauaacugaa.....	3	1	seq
.....Gacaguacugugauaacugaa.....	4	1	seq
.....uacaUuacugugauaacugaa.....	2	1	seq
.....Aacaguacugugauaacugaa.....	2	1	seq
.....uacaguacugugaCaacugaa.....	2	1	seq
.....uacaguUcugugauaacugaa.....	1	1	seq
.....uacaguacugugauaGcugaa.....	2	1	seq
.....uacagCacugugauaacugaa.....	1	1	seq
.....uacaguacuAugauaacugaa.....	1	1	seq
.....uacaguacuUugauaacugaa.....	1	1	seq
.....uacagAacugugauaacugaa.....	1	1	seq
.....uacaguacCgugauaacugaa.....	1	1	seq
.....uacaUuacugugauaacugaag.....	1	1	seq
.....uacaguGcugugauaacugaag.....	1	1	seq
.....uacagCacugugauaacugaag.....	1	1	seq
.....uacaguuaUcugugauaacugaag.....	1	1	seq
.....uacagGacugugauaacugaag.....	2	1	seq
.....uGcaguacugugauaacugaag.....	1	1	seq
.....uacCuacugugauaacugaag.....	1	1	seq
.....uacagAacugugauaacugaag.....	1	1	seq
.....uacaguacugugauaacugaag.....	4132	0	seq
.....uacaguuaAugugauaacugaag.....	1	1	seq
.....uacaguacugugauaacugaGg.....	1	1	seq
.....uacaguacugugauaacuCaag.....	1	1	seq
.....uacaguacugugauaaUugaag.....	1	1	seq
.....uacGguacugugauaacugaag.....	1	1	seq
.....Gacaguacugugauaacugaag.....	2	1	seq
.....uacaguacugugauaacugaaU.....	4229	1	seq
.....uacaguacugugauaacugaaA.....	1974	1	seq
.....uacaguacugugauaacugaCg.....	10	1	seq
.....Aacaguacugugauaacugaag.....	3	1	seq
.....Cacaguacugugauaacugaag.....	4	1	seq
.....uacaguacugugauaacugaaC.....	1650	1	seq
.....uacaguacuUugauaacugaag.....	1	1	seq
.....uacaguacugugauaacugaaga.....	507	0	seq
.....uacaguacugugauaGcugaaga.....	1	1	seq
.....uacaguacugugauaacugaagC.....	35	1	seq
.....uacaguacugugauaacugaaUa.....	12	1	seq
.....uacaguacGgugauaacugaaga.....	1	1	seq
.....uacaguacugugauaacugaaCa.....	3	1	seq
.....uacaguacugugauaacugaaAa.....	73	1	seq
.....uacUguacugugauaacugaaga.....	1	1	seq
.....uacaguacugugauaacugaagU.....	1710	1	seq
.....uacaguacugugauaacugaagaa.....	22	0	seq
.....uacaguacugugauaacugaagaU.....	4	1	seq
.....uacaguacugugauaacugaagUa.....	11	1	seq
.....uacaguacugugauaacugaaAaa.....	3	1	seq
.....uacaguacugugauaacugaagUau.....	1	1	seq
.....acaguacugugauaacuga.....	13	0	seq
.....acaguacugugauaacugU.....	1	1	seq
.....acaguacugugauaacugaC.....	2	1	seq
.....acagAacugugauaacugaa.....	1	1	seq
.....acaguacugugauaacugaa.....	36	0	seq
.....acaguacugugauaacugaag.....	131	0	seq
.....acaguacugugauaacugaaC.....	4	1	seq
.....acaguacugugauaacugaaU.....	42	1	seq
.....acaguacugugauaaUugaag.....	1	1	seq
.....acaguacugugauaacugaaA.....	26	1	seq
.....acaguacugugauaacugaagC.....	3	1	seq
.....acaguacugugauaacugaagU.....	359	1	seq
.....acaguacugugauaacugaaga.....	3	0	seq
.....acaguacugugauaacugaagUa.....	20	1	seq
.....acaguacugugauaacugaagUau.....	5	1	seq
.....acaguacugugauaacugaagaaG.....	1	1	seq
.....caguacugugauaacugaa.....	1	0	seq

Star

Mature

augaaauaaagacugugaacugccuuuuucgguuaucaugguaccggugcuguaucgugaagguaacagucagucuguaaacugaagaagaugggggccaucacuug			
.....caguacuguguaaacugaaU.....	1	1	seq
.....caguacuguguaaacugaaA.....	2	1	seq
.....caguacuguguaaacugaag.....	1	0	seq
.....caguacuguguaaacugaagU.....	3	1	seq
.....caguacuguguaaacugaaAaa.....	1	1	seq
.....aguacuguguaaacugaa.....	1	0	seq
.....aguacuguguaaacugaagU.....	1	1	seq
.....guacuguguaaacugaaU.....	4	1	seq
.....guacuguguaaacugaaA.....	1	1	seq
.....guacuguguaaacugaag.....	3	0	seq
.....guacuguguaaacugaagU.....	4	1	seq
.....guacuguguaaacugaaga.....	1	0	seq

Mature

Star

aagaacugguguccaggaaaugaccuaugaaugacagacugcuuucuaaaauugccugucauuucuaaggccaauaauucugugcacuuuccacucuggucacag

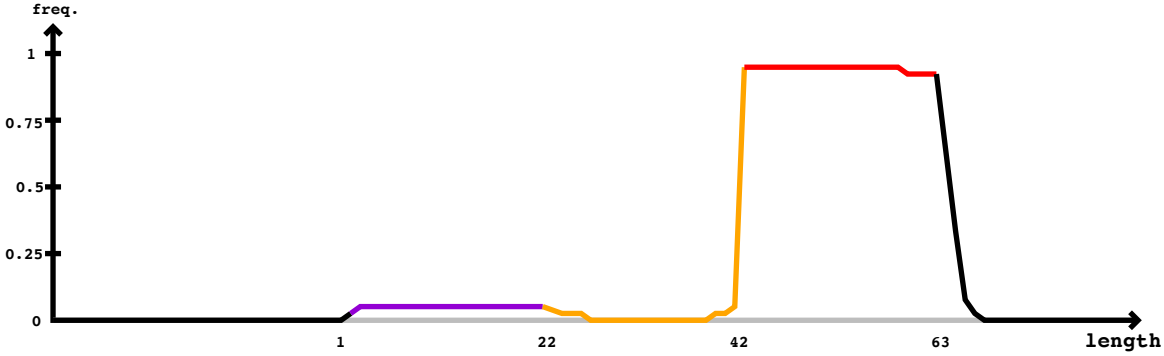
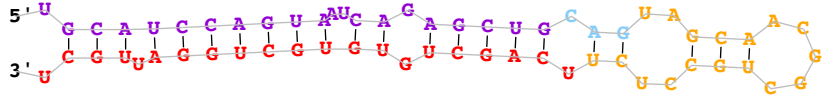
.....a.ugaA.ugaauugacagac.....	1	1	seq
.....augaccuaugaaugacagCc.....	3	1	seq
.....augCcuauugaaugacagac.....	1	1	seq
.....Uugaccuaugaaugacagac.....	3	1	seq
.....augaccuaugaaugacagaA.....	117	1	seq
.....Gugaccuaugaaugacagac.....	11	1	seq
.....augaccuaugaaugacGgac.....	1	1	seq
.....augGccuaugaaugacagac.....	1	1	seq
.....augaccuaugaaucacagac.....	2	1	seq
.....Cugaccuaugaaugacagac.....	4	1	seq
.....augaccuaugaaugacagGc.....	3	1	seq
.....augaccuaugaaugacagaU.....	5	1	seq
.....augaccuaAgaauugacagac.....	1	1	seq
.....augaccuaUaaauugacagac.....	2	1	seq
.....aCgaccuaugaaugacagac.....	2	1	seq
.....augaccuaugaaucacagac.....	1	1	seq
.....augaccuaugaaugaAagac.....	3	1	seq
.....auCaccuaugaaugacagac.....	1	1	seq
.....augaccuaugaaugacaUac.....	1	1	seq
.....augaccuaugaaucgacagac.....	4	1	seq
.....augaccuaCgaauugacagac.....	2	1	seq
.....augaccuaugaaugacagUc.....	1	1	seq
.....augaccuaGgaauugacagac.....	1	1	seq
.....aAgaccuaugaaugacagac.....	1	1	seq
.....augaccuaugaaugaGagac.....	2	1	seq
.....augaccuaugaaugacagac.....	14701	0	seq
.....augacAuaugaaugacagac.....	5	1	seq
.....auCaccuaugaaugacagacu.....	3	1	seq
.....augacUuaugaaugacagacu.....	1	1	seq
.....augaUcuauugaaugacagacu.....	3	1	seq
.....augaccuaugaaugacaUacu.....	3	1	seq
.....augaccuaugaaugacagCcu.....	1	1	seq
.....augaccuaugaaucgacagacu.....	2	1	seq
.....augGccuaugaaugacagacu.....	4	1	seq
.....augaccuaAaaauugacagacu.....	4	1	seq
.....augaccuaugaaugaAagacu.....	15	1	seq
.....augaccuaugaaugacagGcu.....	5	1	seq
.....augaccuaugaaugacaAacu.....	5	1	seq
.....augaccuaugaaugacagaGu.....	1	1	seq
.....augaccuaugaaucacagacu.....	8	1	seq
.....augaccuaugaaugacGgacu.....	8	1	seq
.....Gugaccuaugaaugacagacu.....	40	1	seq
.....augaccuaUaaauugacagacu.....	2	1	seq
.....augaccuaugaaucgacagacu.....	3	1	seq
.....augUccuaugaaugacagacu.....	1	1	seq
.....augCccuaugaaugacagacu.....	1	1	seq
.....augaccGaugaaugacagacu.....	1	1	seq
.....augaccuaugaGuugacagacu.....	3	1	seq
.....augaccuaugaaugaUagacu.....	8	1	seq
.....augaccuaugaaugacagacA.....	4652	1	seq
.....augaccuaugaaugacagacu.....	43228	0	seq
.....augaA.ugaauugacagacu.....	9	1	seq
.....augaccuaugaaugacaCacu.....	2	1	seq
.....auUaccuaugaaugacagacu.....	10	1	seq
.....augaccuaCgaauugacagacu.....	3	1	seq
.....augaccuaugaCuugacagacu.....	3	1	seq
.....augaccuaugaaugacagacC.....	2353	1	seq
.....augaccuaugaaugacUgacu.....	1	1	seq
.....Uugaccuaugaaugacagacu.....	8	1	seq
.....augaccuaugaaugacGgacu.....	1	1	seq
.....auAaccuaugaaugacagacu.....	2	1	seq
.....augaccuGugaauugacagacu.....	3	1	seq
.....augaccuaCaauugacagacu.....	2	1	seq
.....augaccuaugaaugacagaUu.....	5	1	seq
.....augaccuaugaaugacagacG.....	227	1	seq
.....augaccuaugaaucacagacu.....	13	1	seq
.....augaccuaAgaauugacagacu.....	4	1	seq
.....augaccuaugaaugaGagacu.....	2	1	seq
.....augagcuugaaugacagacu.....	3	1	seq
.....augaccuaugaaugGcagacu.....	2	1	seq

Mature

Star

aagaacugguguccaggaaa	augaccuaugaaugacagacugcuuucuaaaauugccugucauuucuaaggccaaua	uucugugcacuuuccacucuggucacag			
.....	.augaccuaugaaugacagaAu	.....	8	1	seq
.....	.augaccuaugaaugUcagacu	.....	3	1	seq
.....	.aAgaccuaugaaugacagacu	.....	2	1	seq
.....	.augaccuaugaaAugacagacu	.....	2	1	seq
.....	.augaccAaugaaugacagacu	.....	4	1	seq
.....	.augaccuaugaaCugacagacu	.....	4	1	seq
.....	.Cugaccuaugaaugacagacu	.....	10	1	seq
.....	.augaccuaugaaugacagUcu	.....	1	1	seq
.....	.augaccuaugaauCacagacu	.....	6	1	seq
.....	.augaccCaugaaugacagacu	.....	8	1	seq
.....	.augaccuaugCauugacagacu	.....	1	1	seq
.....	.augaccuaugGauugacagacu	.....	4	1	seq
.....	.aCgaccuaugaaugacagacu	.....	6	1	seq
.....	.augaccuaGgaaugacagacu	.....	1	1	seq
.....	.augaccuaugaaugacagacuA	.....	19	1	seq
.....	.augaccuaugaaugacagacuC	.....	1	1	seq
.....	.augaccuaugaaugacagacuU	.....	139	1	seq
.....	.augaccuaugaaugacagacug	.....	3	0	seq
.....	.augaccuaugaaugacagacCg	.....	1	1	seq
.....	.augaccuaugaaugacagacugG	.....	1	1	seq
.....	.augaccuaugaaugacagacugC	.....	10	0	seq
.....	.augaccuaugaaugacagacugU	.....	7	1	seq
.....	.augaccuaugaaugacagacugcu	.....	3	0	seq
.....	.augaccuaugaaugacagacugcCu	.....	1	1	seq
.....	.ugaccuaugaaugacaga	.....	2	0	seq
.....	.ugaccuaugaaugacagac	.....	16	0	seq
.....	.Agaccuaugaaugacagacu	.....	1	1	seq
.....	.ugaccuaugaaugacagacA	.....	5	1	seq
.....	.ugaccuaugaaugacagacu	.....	77	0	seq
.....	.ugaccuaugaaugacagacC	.....	23	1	seq
.....	.ugaccuaugaaugacagacugC	.....	1	0	seq
.....	.accuaugaaugacagac	.....	1	0	seq
.....	.accuaugaaugacagacu	.....	1	0	seq
.....	.ccugucauuucuaaggccaau	.....	2	0	seq
.....	.ccugucauuucuaaggccaaua	.....	2	0	seq

Provisional ID : mun-novel84
 Score total : 5.1
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.8
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 38
 Mature read count : 36
 Loop read count : 0
 Star read count : 2

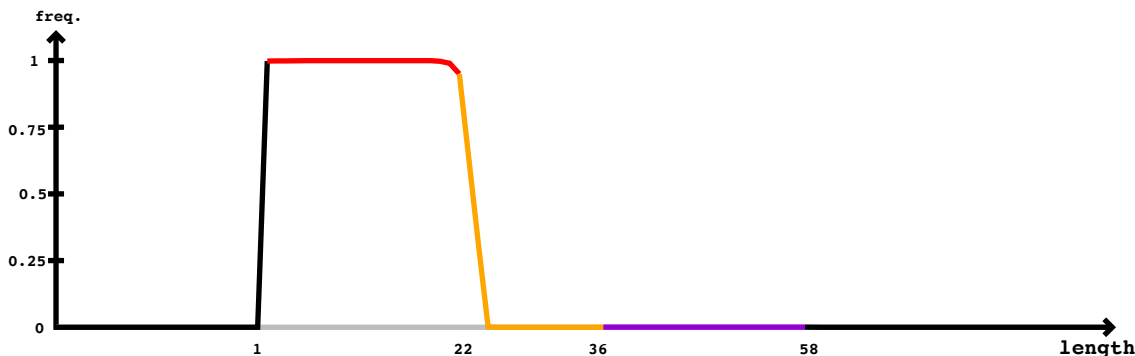
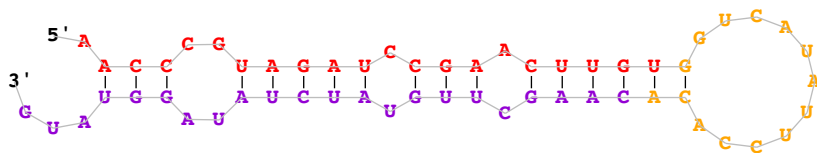


Star

Mature

5' -		-3'	obs	exp	reads	mm	sample
5'	ugucaagagaagcauugcaucgcuacaucugcauccaguaaucagagcugcaguagcaacggcguccuucacagcugugucuggauugcu	gaauuggugaauaaacac					
	ugucaagagaagcauugcaucgcuacaucugcauccaguaaucagagcugcaguagcaacggcguccuucacagcugugucuggauugcu	gaauuggugaauaaacac					
	.....(((((((((((.....(((.....((.....)))..)))..)))..)))..)))..))).....				1	0	seq
	.....ugcauccaguaaucagagcug.....				1	0	seq
	.....gcauccaguaaucagagcugcagu.....				1	0	seq
	.....ucucagcugugucuggau.....				1	0	seq
	.....uacagcugugucuggauugcu.....				1	0	seq
	.....ucagcugugucuggauugcu.....				16	0	seq
	.....ucagcugugucuggauugcuU.....				1	1	seq
	.....ucagcugugucuggauugcug.....				5	0	seq
	.....ucagcugugucuggauugcugU.....				4	1	seq
	.....ucagcugugucuggauugcuga.....				6	0	seq
	.....ucagcugugucuggauugcugaU.....				2	1	seq
	.....ucagcugugucuggauugcugaUu.....				1	1	seq

Provisional ID : mun-miR-100
 Score total : 79368.8
 Score for star read(s) : 3.9
 Score for read counts : 79359
 Score for mfe : 1.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 155671
 Mature read count : 155589
 Loop read count : 0
 Star read count : 82



Mature

Star

5' -	gacccugccguugccgcaaacccguagauccgaacuuguggucauuauuccacacaagcuuguaucuaagguaugugucugucuggcaagugcacaaggguugug	-3'	obs			
	gacccugccguugccgcaaacccguagauccgaacuuguggucauuauuccacacaaagcuuguaucuaagguaugugucugucuggcaagugcacaaggguugug		exp	reads	mm	
	((((((((.....))))))))).....				sample	
.....	.....Aaaacccguagauccgaacuug.....			1	1	seq
.....	.....Aaaacccguagauccgaacuug.....			1	1	seq
.....	.....aaacccguagauccgaacuug.....			1	0	seq
.....	.....Caacccguagauccgaacuug.....			1	1	seq
.....	.....aaacccguagauccgaacuug.....			2	0	seq
.....	.....Caacccguagauccgaacuug.....			1	1	seq
.....	.....Caacccguagauccgaacuug.....			8	1	seq
.....	.....aaacccguagauUcgaacu.....			1	1	seq
.....	.....Gacccguagauccgaacu.....			1	1	seq
.....	.....aaacccgCagauccgaacu.....			2	1	seq
.....	.....aaacccguagauccgaacu.....			362	0	seq
.....	.....aaacccguagauccgaacuA.....			1	1	seq
.....	.....aaacccguagauccGgaacu.....			1	1	seq
.....	.....aaacccgAgaucCgaacu.....			1	1	seq
.....	.....aaacccguagauccgaacuA.....			3	1	seq
.....	.....aaUccguagauccgaacu.....			1	1	seq
.....	.....aaacccguagauUgaacu.....			7	1	seq
.....	.....aaAaccguagauccgaacu.....			1	1	seq
.....	.....aaacccguagauccgaacuG.....			2	1	seq
.....	.....aaacccguagauAgaacu.....			1	1	seq
.....	.....aaacccguagauccgaauUuu.....			1	1	seq
.....	.....Gacccguagauccgaacu.....			1	1	seq
.....	.....aaacccguagauccgaauuu.....			2	1	seq
.....	.....aaacccguagauccUaacuu.....			1	1	seq
.....	.....aaacccguagauccgaacu.....			1142	0	seq
.....	.....aaacccguagaCccgaacu.....			1	1	seq
.....	.....aaacccgGagauccgaacu.....			2	1	seq
.....	.....aaacccguagauccgCacuu.....			1	1	seq
.....	.....aaacccguauUaacgaacu.....			1	1	seq
.....	.....aaacccUuagauccgaacuug.....			1	1	seq
.....	.....aaacccguagauccgaauUuug.....			4	1	seq
.....	.....aaacUguagauccgaacuug.....			1	1	seq
.....	.....aaacccguagauccgaacuA.....			9	1	seq

Mature

Star

gaccccgccgugccgcaaacccgagauccgaacuugggucgauauuccacacaagcuuguaucuaagguaugugucugucuggcaagugcacaagggugug			
. aaccgAgaucggaacuug	1	1	seq
. aaccgagauUcgaacuug	6	1	seq
. aaccgagauccggaacuGg	2	1	seq
. aaccAgaucggaacuug	2	1	seq
. aaccguaUaucggaacuug	1	1	seq
. aaccgagauccggaacuU	18	1	seq
. aaccgGagauccggaacuug	1	1	seq
. Gaccgagauccggaacuug	6	1	seq
. aaccgagaAccggaacuug	1	1	seq
. aaccgCagauccggaacuug	2	1	seq
. aacGcagauccggaacuug	1	1	seq
. aacAcgagauccggaacuug	2	1	seq
. Caccgagauccggaacuug	2	1	seq
. aaccgagauUgaacuug	13	1	seq
. aaccgagauccAaacuug	1	1	seq
. aaccgagaCccggaacuug	2	1	seq
. aaccguaAaucggaacuug	1	1	seq
. aaccAagauccggaacuug	1	1	seq
. aaccgagauccggaacuug	6101	0	seq
. aaccgagauccAgaacuug	2	1	seq
. aaccgagauccAgaacuugu	7	1	seq
. aaUccgagauccggaacuugu	10	1	seq
. aaccgagauccggaacAugu	1	1	seq
. aaccgagauccggaacuUu	9	1	seq
. aaccgagauccAaacuugu	4	1	seq
. aaccAagauccggaacuugu	5	1	seq
. aaccgagauccggaGcuugu	4	1	seq
. aaccgagauccgGacuugu	13	1	seq
. aaccgCagauccggaacuugu	11	1	seq
. aaccgagauccggaacuugu	2	1	seq
. aaccgagaAccggaacuugu	2	1	seq
. aaccgagauccggaUuugu	20	1	seq
. aaccguaAaucggaacuugu	2	1	seq
. aaccgagauccggaCcuugu	1	1	seq
. aaccgagaCccggaacuugu	6	1	seq
. aGccgagauccggaacuugu	2	1	seq
. aaccgagauccggaacuugG	80	1	seq
. aaccgagauccggaacuugu	3	1	seq
. aaccgUgauccggaacuugu	6	1	seq
. aaccgagauccgUacuugu	1	1	seq
. aaccguaUaucggaacuugu	9	1	seq
. aaAccgagauccggaacuugu	7	1	seq
. aaccgagauccgaaAuugu	11	1	seq
. aaccgagauccggaacuCgu	3	1	seq
. aaccgagaGccggaacuugu	1	1	seq
. aaccAgaucggaacuugu	9	1	seq
. aaccgagauccUaacuugu	4	1	seq
. aaccgagauccggaacuugC	7	1	seq
. aaccUgagauccggaacuugu	15	1	seq
. aaccgagauccgCacuugu	5	1	seq
. aUccgagauccggaacuugu	1	1	seq
. aaccgagauUgaacuugu	260	1	seq
. aaGccgagauccggaacuugu	1	1	seq
. aaccguaCaucggaacuugu	3	1	seq
. aaccgagGuccggaacuugu	4	1	seq
. Caccgagauccggaacuugu	9	1	seq
. aaccgagauccggaGuugu	2	1	seq
. aaccGgagauccggaacuugu	4	1	seq
. aacAcgagauccggaacuugu	1	1	seq
. aaccgGagauccggaacuugu	21	1	seq
. aaccgagauccggaacuAu	2	1	seq
. aaccgagauccggaacuCu	2	1	seq
. aacUcgagauccggaacuugu	4	1	seq
. Gaccgagauccggaacuugu	44	1	seq
. aaccgagauUcgaacuugu	29	1	seq
. aaccgagauccggaacuugA	240	1	seq
. aaccCuagauccggaacuugu	2	1	seq
. aaccgagauAacggaacuugu	4	1	seq
. aaccgagauccggaacuAgu	3	1	seq
. aaccgagauccggaacuugu	49275	0	seq

Mature

Star

gaccccgccgugccgcaaacccgagauccgaacuuguggucacauauuccacacaagcuuguaucuaagguaugugucugucuggcaagugcacaagggugug

.....aacccgAagauccgaacuugu.....	6	1	seq
.....aacccgUGauccgaacuugu.....	1	1	seq
.....aacccguagUuccgaacuugu.....	3	1	seq
.....aacccguagauccCaacuugu.....	4	1	seq
.....Uaacccguagauccgaacuugu.....	9	1	seq
.....aacccUuagauccgaacuugu.....	16	1	seq
.....aacccguagauccCacuugug.....	2	1	seq
.....aacccguagUuccgaacuugug.....	5	1	seq
.....aacccgCagauccgaacuugug.....	9	1	seq
.....aacccguagauccgaacuugug.....	5	1	seq
.....aacccguagauccgaacuugGg.....	33	1	seq
.....Uaacccguagauccgaacuugug.....	15	1	seq
.....aacccguagauAagcaacuugug.....	5	1	seq
.....aacccguagauccAaacuugug.....	3	1	seq
.....aacccguagCuccgaacuugug.....	3	1	seq
.....aacccguaUauccgaacuugug.....	7	1	seq
.....aacccguGgauccgaacuugug.....	6	1	seq
.....aacccguagauccgaCcuugug.....	2	1	seq
.....aacccguagauccgaaAuugug.....	36	1	seq
.....aaGccguagauccgaacuugug.....	2	1	seq
.....aacUguagauccgaacuugug.....	4	1	seq
.....aacccguagauUcgaacuugug.....	12	1	seq
.....aaAccguagauccgaacuugug.....	8	1	seq
.....aacAccguagauccgaacuugug.....	12	1	seq
.....aacccguaCauccgaacuugug.....	1	1	seq
.....aacccguagauccgaacuugug.....	48525	0	seq
.....aacGcguagauccgaacuugug.....	1	1	seq
.....aaUccguagauccgaacuugug.....	1	1	seq
.....aacccguagauccgaacuUaug.....	2	1	seq
.....aacccguagauGcgaacuugug.....	5	1	seq
.....aacccguagaCccgaacuugug.....	3	1	seq
.....aacGguagauccgaacuugug.....	2	1	seq
.....aacccguagauccgaacuUcug.....	4	1	seq
.....aacccgGagauccgaacuugug.....	15	1	seq
.....aacccguagauccgaacuuguU.....	128	1	seq
.....aacccguagauccgaacCugug.....	4	1	seq
.....aacccguagauccUaacuugug.....	10	1	seq
.....aacccUuagauccgaacuugug.....	14	1	seq
.....aacccguagauUgaacuugug.....	35	1	seq
.....aacccgAagauccgaacuugug.....	2	1	seq
.....aacccguagaGccgaacuugug.....	1	1	seq
.....aacccguagauccgaacuugCg.....	13	1	seq
.....aacUcguagauccgaacuugug.....	2	1	seq
.....aacccguagauccgaacuuguA.....	497	1	seq
.....aacccguagGuccgaacuugug.....	11	1	seq
.....aacccCuagauccgaacuugug.....	4	1	seq
.....Caccguagauccgaacuugug.....	11	1	seq
.....aacccguagauccgaacAugug.....	3	1	seq
.....aacccguagauccgaacuugAg.....	8	1	seq
.....aacccguagauccgaacuuguC.....	7	1	seq
.....Gaccguagauccgaacuugug.....	50	1	seq
.....aacccguagauccgGacuugug.....	4	1	seq
.....aGccguagauccgaacuugug.....	3	1	seq
.....aacccguagauccgaacuUug.....	14	1	seq
.....aacccguagauccAgaacuugug.....	6	1	seq
.....aacccguagauccgaacGugug.....	3	1	seq
.....aacAGuagauccgaacuugug.....	3	1	seq
.....aacccguaAauccgaacuugug.....	2	1	seq
.....aacccguagauccCaacuugug.....	2	1	seq
.....aacCCuagauccgaacuugug.....	2	1	seq
.....aacccguagauccgaaUuugug.....	13	1	seq
.....aacAccguagauccgaacuugugg.....	1	1	seq
.....aacccgGagauccgaacuugugg.....	2	1	seq
.....aacccguagauccgaacuugugg.....	6726	0	seq
.....Uaacccguagauccgaacuugugg.....	1	1	seq
.....aacccguagauccAgaacuugugg.....	2	1	seq
.....aacccguagauccgaacuugugC.....	62	1	seq
.....aacccgCagauccgaacuugugg.....	2	1	seq
.....aacccguagauGcgaacuugugg.....	1	1	seq
.....aacccguagGuccgaacuugugg.....	2	1	seq

Mature

Star

gaccccgccgugccgcaaacccguagauccgaacuugggucacauauuccacacaagcuuguaucuaagguaugugucugucuggcaagugcacaagggugug			
.aacccguagauccUaacuugugg	1	1	seq
.aacccguagauccgaUcuugugg	624	1	seq
.aacccguagauccgaacuugAg	3	1	seq
.aacccguagauccgaacuugCgg	2	1	seq
.aacccguagauccgaacuugugA	33967	1	seq
.aacccguagauUcgaacuugugg	5	1	seq
.aacUguagauccgaacuugugg	1	1	seq
.aGcccgauagauccgaacuugugg	1	1	seq
.Gacccgauagauccgaacuugugg	6	1	seq
.aacccguagauccGgaacuugugg	1	1	seq
.aacAGuagauccgaacuugugg	2	1	seq
.aacGcgauagauccgaacuugugg	1	1	seq
.aacccguagauccUgaacuugugg	8	1	seq
.aacccguaCauccgaacuugugg	1	1	seq
.aacccguagauccCaacuugugg	1	1	seq
.aacccguagauccgaUuugugg	2	1	seq
.aacccguagauccgaacuugUg	3	1	seq
.aacccguagauccgaacuugugU	6203	1	seq
.aaAccguagauccgaacuugugg	3	1	seq
.aacccguagauccgaAaLuugugg	1	1	seq
.aaGccguagauccgaacuugugg	1	1	seq
.aacccgAgaauccgaacuugugg	2	1	seq
.aacccguagauccgaacuugGgg	5	1	seq
.aacUcgauagauccgaacuugugg	1	1	seq
.aacccUuagauccgaacuugugg	1	1	seq
.aacccguagauccgaacuuguggu	50	0	seq
.aacccguagauccgaacuuguggA	49	1	seq
.aacccguagauccgaUcuuguggu	1	1	seq
.aacccguagauccgaacuugugAu	73	1	seq
.aacccguagauccgaacuugugUu	9	1	seq
.aacccguagauccgaacuuguggucauauucU	1	1	seq
.aacccguagauccgaacuuguggucauauuccacacU	3	1	seq
.aacccguagauccgaacuuguggucauauuccacacaa	3	0	seq
.aAccguagauccgaacuu	1	1	seq
.accguagauccgaacuug	4	0	seq
.accguagauccgaacuugu	14	0	seq
.accguagauccgaUuugug	1	1	seq
.accguagauccgaacuugug	19	0	seq
.accguagauccgaacuugugg	25	0	seq
.accguagauccgaacuugugU	3	1	seq
.accguagauccgaacuugugA	16	1	seq
.accguagauccgaUcuugugg	1	1	seq
.cccguagauccgaacuugu	1	0	seq
.cccguagauccgaacuugug	2	0	seq
.cccguagauccgaacuugugg	1	0	seq
.ccguagauccgaacuugu	35	0	seq
.ccguagauccgaacuugG	1	1	seq
.ccguagauccgaacuugug	9	0	seq
.ccguagauccgaacuugugU	5	1	seq
.ccguagauccgaacuugugA	20	1	seq
.ccguagauccgaacuugugg	4	0	seq
.ccguagauccgaUcuugugg	1	1	seq
.ccguagauccgaacuugugC	1	1	seq
.cguagauccgaacuugug	21	0	seq
.cguagauccgaacuugua	1	1	seq
.cguagauccgaacuugugU	16	1	seq
.cguagauccgaacuugugA	28	1	seq
.cguagauccgaacuugugg	4	0	seq
.guagauccgaacuugugA	2	1	seq
.guagauccgaacuugugU	3	1	seq
.guagauccgaacuugugg	1	0	seq
.caagcuuguaucuaagguau	1	0	seq
.caagcuuguaucuaagguau	4	0	seq
.Gaagcuuguaucuaagguaug	1	1	seq
.caagcuuguaucuaagguauU	2	1	seq
.caagcuuguaucuaagguaug	68	0	seq
.caagcuuguaucuaagggGaug	1	1	seq
.caagcuuguaucuaagguaugu	1	0	seq
.agcuuguaucuaagguaug	1	0	seq
.gcuuguaucuaagguaug	1	0	seq

Mature

Star

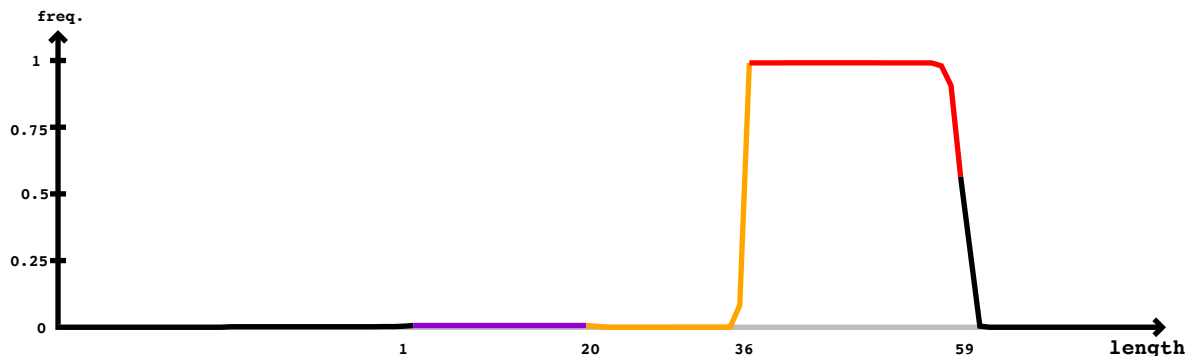
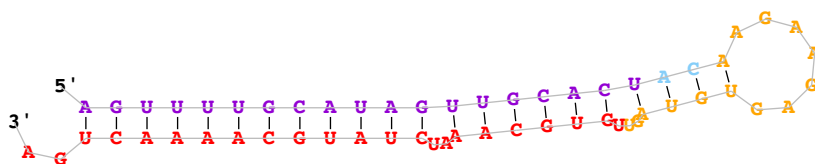
gacccugccguugccgcaaacccguagaccgaacuugggucauauuccacacaagcuuguaucuaagguaugugucugucuggcaagugcacaaggguugug
.....cuuguaucuaagguaug.....

2

0

seq

Provisional ID : mun-miR-19a
 Score total : 1545.3
 Score for star read(s) : 3.9
 Score for read counts : 1535.2
 Score for mfe : 1.6
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 3023
 Mature read count : 3005
 Loop read count : 0
 Star read count : 18



Star Mature

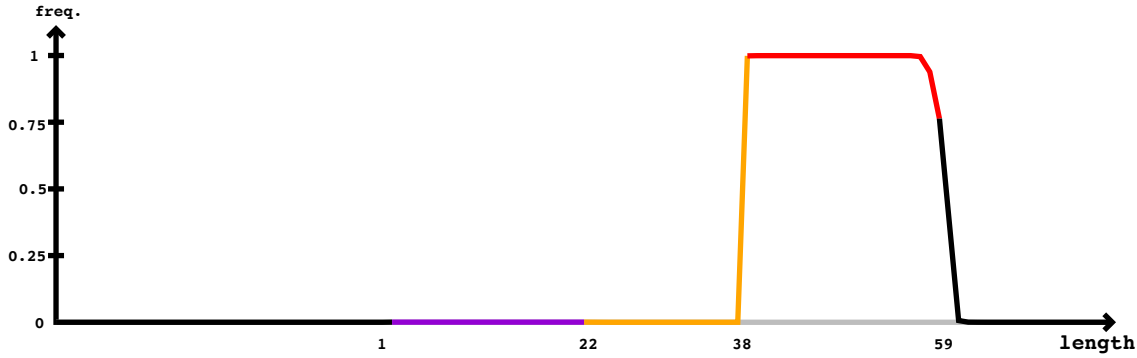
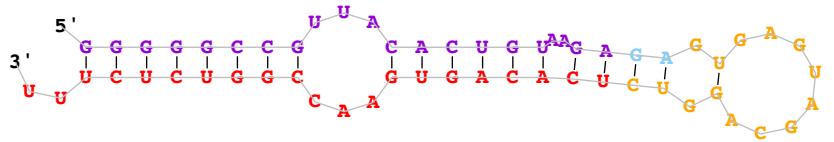
5' -		-3'	obs	mm	sample	
			exp			
uguuccaguagcuuucugcguucgagucucuguu	aguuuugcauaguugcaca	acaagaagaguguaguuuuggcaaaaucuaugcaaaacug	ugguggccuguuacaaccua	6	0	seq
uguuccaguagcuuucugcguucgagucucuguu	aguuuugcauaguugcacuac	aagaagaguguaguuuuggcaaaaucuaugcaaaacug	ugguggccuguuacaaccua	2	0	seq
((((-(((.....)))))).....((((((((((((((((((((((((((((.....)))))).....)))))).....)))))).....				reads		
.....ugcuuugcagucucuguu.....				6	0	seq
.....guuaguuuugcauaguugcacu.....				2	0	seq
.....uaguuuugcauaguugcacu.....				2	0	seq
.....uaguuuugcauaguugcacu.....				2	0	seq
.....aguuuugcauaguugcacu.....				7	0	seq
.....aguuuugcauaguugcacu.....				5	0	seq
.....aguuuugcauaguugcacuU.....				1	1	seq
.....aguuuugcauaguugcacuac.....				1	0	seq
.....aguguaguugcaaaaucuaug.....				1	0	seq
.....uugugcaaaaucuaugcaaaac.....				3	0	seq
.....uugugcaaaaucuaugcaaaacu.....				62	0	seq
.....uugugcaaaaucuaugcaaaacu.....				1	1	seq
.....uugugcaaaaucuaugcaaaacA.....				1	1	seq
.....uugugcaaaaucuaugcaaaacug.....				1	1	seq
.....Gugugcaaaaucuaugcaaaacug.....				1	1	seq
.....uugugcaaaaucuaugcaaaacug.....				74	0	seq
.....uugugcaaaaucuaugcaaaacugG.....				1	1	seq
.....Gugugcaaaaucuaugcaaaacuga.....				1	1	seq
.....uugugcaaaaucuaugcaaaacugC.....				1	1	seq
.....uugugcaaaaucuaugcaaaacugU.....				37	1	seq
.....uugugcaaaaucuaugcaaaacuga.....				62	0	seq
.....uugugcaaaaucuaugcaaaacugau.....				5	0	seq
.....uugugcaaaaucuaugcaaaacugauU.....				1	1	seq
.....ugugcaaaaucuaugcaaaa.....				1	0	seq
.....ugugcaaaaucuaugcaaaaac.....				26	0	seq
.....ugucCaaaucuaugcaaaaac.....				1	1	seq
.....ugugcaaaaucuaugUaaaac.....				1	1	seq
.....ugugcaaaCucuaugcaaaaac.....				1	1	seq
.....ugugcaaaaucuaugcaaaac.....				1	1	seq
.....ugugcaaaaucuaugUaaaacu.....				7	1	seq
.....uugugcaaaaucuaugcaaaaacu.....				147	0	seq
.....uugugcaaaaucuaugcaaaaacu.....				1	1	seq
.....uugugcaaaaucuaugcaaaaau.....				1	1	seq

Star

Mature

uguuccaguagcuuucugcuuugcagucuuucuguuaguuuugcauaguugcacuacaagaagaguguaguugugcaaaucuaugcaaaacugaugggccuguuacaaccua			
.....ugugcaaaucuaugcaGaacu.....	1	1	seq
.....ugugcaaaucuauCcaaaacu.....	1	1	seq
.....ugugcaaaucuaugcaaaacA.....	1	1	seq
.....ugugcaaaucuaugUaaaacug.....	2	1	seq
.....ugugcaaaucuaugcaGaacug.....	2	1	seq
.....ugugcaaaucAaugcaaaacug.....	1	1	seq
.....Cgugcaaaucuaugcaaaacug.....	1	1	seq
.....ugugcaaaucuaugcaaaacug.....	950	0	seq
.....Ggugcaaaucuaugcaaaacug.....	1	1	seq
.....ugCgcaaaucuaugcaaaacug.....	1	1	seq
.....ugugUaaaucuaugcaaaacug.....	1	1	seq
.....ugugcaaaucUGugcaaaacug.....	3	1	seq
.....ugugcaaaucUGugcaaaacuga.....	1	1	seq
.....ugugcaaaucuaugcaaaacuga.....	1001	0	seq
.....ugugcaaaucuaugUaaaacuga.....	2	1	seq
.....ugugcaaaucuaugcaaaacugU.....	423	1	seq
.....ugugcaaaucUaugcaaaacuga.....	1	1	seq
.....ugugcaaaucuaUcaaaacuga.....	1	1	seq
.....ugugcaaaucuaugcaGaacuga.....	3	1	seq
.....ugugcaaaucuaugcaaaacugG.....	9	1	seq
.....ugugcGaaucuaugcaaaacuga.....	1	1	seq
.....ugugcaaaucuaugcaaaacugC.....	12	1	seq
.....ugugcaaaucuaugcaaGacuga.....	3	1	seq
.....ugugcaaaucuaugcaaaacugUu.....	30	1	seq
.....ugugcaaaucuaugcaaaacugaC.....	7	1	seq
.....ugugcaaaucuaugUaaaacugau.....	1	1	seq
.....ugugcaaaucuaugcaaaacugau.....	53	0	seq
.....ugugcaaaucCaugcaaaacugau.....	40	1	seq
.....ugugcaaaucuaugcaaaacugaA.....	1	1	seq
.....ugugcaaaucuaugcaaaacugauU.....	12	1	seq
.....caaaucuaugcaaaacuga.....	1	0	seq

Provisional ID : mun-miR-128-2
 Score total : 4784.7
 Score for star read(s) : 3.9
 Score for read counts : 4774.1
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 9376
 Mature read count : 9371
 Loop read count : 0
 Star read count : 5



	Star	Mature					
5'	caccagcucccgcagaaggugcagcuggaagggggcccguacacuguaaga	gagugaguagcagguucacagugaaccggucucuuuccugcugugucaugau	-3'	obs			
	caccagcucccgcagaaggugcagcuggaagggggcccguacacuguaagaga	gugaguagcagguucacagugaaccggucucuuuccugcugugucaugau		exp			
	reads	mm		sample	
	4	0		seq	
	1	0		seq	
	1	0		seq	
	1	1		seq	
	1	1		seq	
	31	0		seq	
	1	1		seq	
	1	1		seq	
	514	0		seq	
	1	1		seq	
	6	1		seq	
	11	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	
	3	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	
	5	1		seq	
	1	1		seq	
	1	1		seq	
	2	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	
	1603	0		seq	
	5	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	
	6	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	
	1	1		seq	

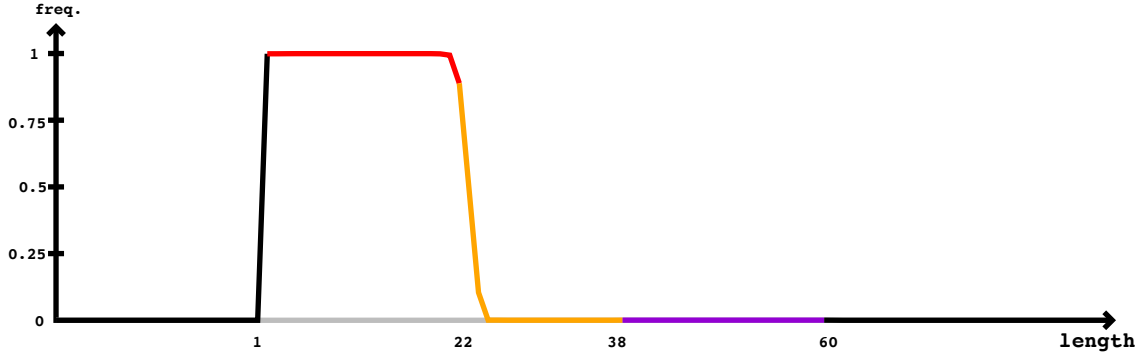
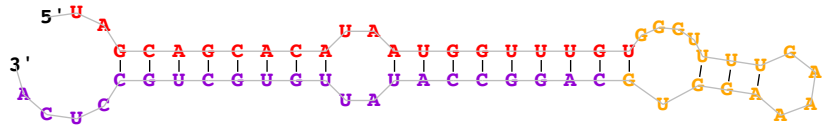
Star

Mature

caccagcucccugcagaaggggugcagcuggaagggggccguacacuguaagagagugaguagcaggguccacagugaaccggucucuuccugcugugucaugau

.....ucacagugaaccggucucuA.....	6	1	seq
.....ucacagugaaccggCucuuu.....	2	1	seq
.....Ccacagugaaccggucucuuu.....	3	1	seq
.....ucacagugaaccggucucuC.....	33	1	seq
.....ucaUagugaaccggucucuuu.....	1	1	seq
.....ucacaguUaaccggucucuuu.....	1	1	seq
.....ucacagugaaccggucucuuu.....	5401	0	seq
.....ucUcagugaaccggucucuuu.....	2	1	seq
.....ucacaCugaaccggucucuuu.....	1	1	seq
.....ucacagugaaccggGcucuuu.....	6	1	seq
.....ucacagugaaccggucucuA.....	33	1	seq
.....ucacagugaaccggucucuGu.....	1	1	seq
.....ucacaguAaaccggucucuuu.....	1	1	seq
.....ucacagugaaccggGuGucuuu.....	1	1	seq
.....ucacagugaaccggucUuuu.....	1	1	seq
.....ucacagugaaccggucucuG.....	9	1	seq
.....ucacagugaaccggucucuCu.....	6	1	seq
.....ucacagugaaccggucUuu.....	2	1	seq
.....ucacagugaaccAgucucuuu.....	1	1	seq
.....Acacagugaaccggucucuuu.....	2	1	seq
.....uUacagugaaccggucucuuu.....	2	1	seq
.....ucacagugaUcggucucuuu.....	4	1	seq
.....ucacagugaaccggUucuuu.....	1	1	seq
.....ucacagugaaccggucCu.....	1	1	seq
.....ucacagUGaccggucucuuu.....	4	1	seq
.....ucacagugaaccggucUu.....	22	1	seq
.....ucacagugaaccggucUuuu.....	10	1	seq
.....ucacagugaUccggucucuuu.....	1	1	seq
.....ucacagCgaaccggucucuuu.....	1	1	seq
.....Gcacagugaaccggucucuuu.....	1	1	seq
.....ucacagGgaaccggucucuuu.....	2	1	seq
.....uGacagugaaccggucucuuu.....	2	1	seq
.....ucacaUugaaccggucucuuu.....	2	1	seq
.....ucacagugaaccggAcucuuu.....	2	1	seq
.....ucacaAugaaccggucucuuu.....	2	1	seq
.....ucacagugaaccggucucuuuu.....	1256	0	seq
.....ucacagugaaccggucucuAu.....	41	1	seq
.....uUacagugaaccggucucuuuu.....	1	1	seq
.....ucacagugaaccggucucuuuC.....	46	1	seq
.....uGacagugaaccggucucuuuu.....	1	1	seq
.....ucacagugaaccggucucuuuA.....	142	1	seq
.....ucacagugaUcggucucuuuu.....	2	1	seq
.....Acacagugaaccggucucuuuu.....	2	1	seq
.....Ccacagugaaccggucucuuuu.....	1	1	seq
.....ucacagugaaccggGcucuuuu.....	3	1	seq
.....ucacagugaaccggucUuuuu.....	4	1	seq
.....ucaAagugaaccggucucuuuu.....	1	1	seq
.....ucacagugaaccggucucuuuG.....	11	1	seq
.....ucacagCgaaccggucucuuuu.....	2	1	seq
.....ucacagugaaccggucucuGu.....	1	1	seq
.....ucacagAgaaccggucucuuuu.....	1	1	seq
.....ucacagugaaccggucucuCu.....	10	1	seq
.....uAacagugaaccggucucuuuu.....	1	1	seq
.....ucacagugaaccggucUuu.....	2	1	seq
.....ucacagugaaccggucGuuu.....	1	1	seq
.....ucacagugaaccggucucuuuuA.....	18	1	seq
.....ucacagugaaccggucucuuuuc.....	33	0	seq
.....ucacagugaaccggucucuuuuG.....	3	1	seq
.....ucacagugaaccggucucuuuuU.....	3	1	seq
.....ucacagugaaccggucucuuuuAcu.....	1	1	seq
.....cacagugaaccggucucuuu.....	1	0	seq
.....cacagugaUcggucucuuuu.....	1	1	seq
.....cacagugaaccggucucuuuu.....	1	0	seq
.....cacagugaaccggucucuuuuc.....	3	0	seq
.....acagugaaccggucucuuuu.....	1	0	seq

Provisional ID : mun-miR-15a
 Score total : 2138.8
 Score for star read(s) : 3.9
 Score for read counts : 2129.2
 Score for mfe : 1.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 4188
 Mature read count : 4186
 Loop read count : 0
 Star read count : 2

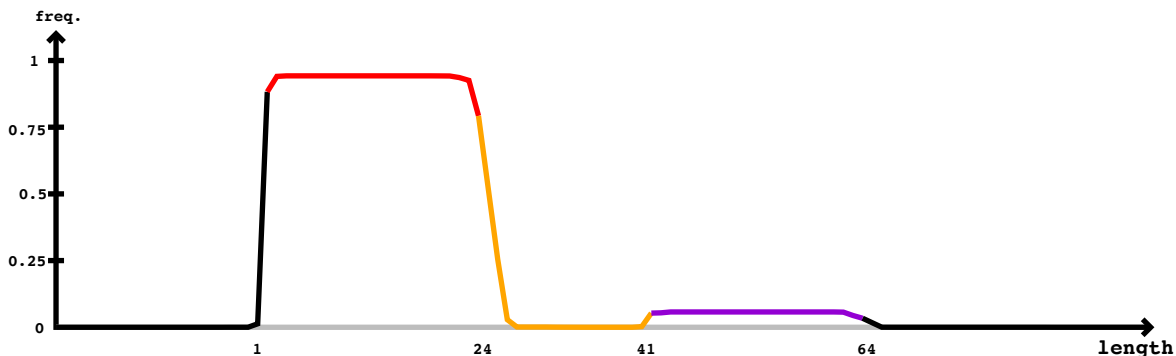
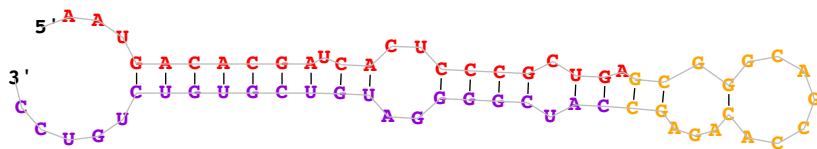


Mature

Star

5' - guagacaccuuggcauaacguagcagcacauaaugguuuuggguuuuugaaaaggugcaggccauuuugugcugccucaaaaaaaaaaggaauuucauaccugaaga -3' obs exp	reads	mm	sample
guagacaccuuggcauaacguagcagcacauaaugguuuuggguuuuugaaaaggugcaggccauuuugugcugccucaaaaaaaaaaggaauuucauaccugaaga	3	0	seq
.....((((((.....((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....))).....))).....))).....))).....))).....))).....))).....))).....	21	0	seq
.....uagcagcacauaaugguuu.....	442	0	seq
.....uagcagcacauaaugguuu.....	1	1	seq
.....uagcagcacauaaugguuuG.....	1	1	seq
.....uagcagcacauaaugguuuG.....	1	1	seq
.....uagcagcacauaaugguuuG.....	798	1	seq
.....uagcagcacauaaugguuuG.....	2	1	seq
.....uagcagcacauaaugguuuG.....	1824	0	seq
.....uagcagcacauaaugguuuG.....	1	1	seq
.....uagcagcacauaaugguuuG.....	1	1	seq
.....GagcagcacauaaugguuuG.....	1	1	seq
.....uagcagcacauaaugguuuG.....	3	1	seq
.....GagcagcacauaaugguuuG.....	2	1	seq
.....uagcagcacGuaaauugguuuG.....	1	1	seq
.....uagcagcacauaaugguuuG.....	575	0	seq
.....uagcagcacauaaugguuuG.....	1	1	seq
.....uagcagcacauaaugguuuGg.....	1	1	seq
.....AagcagcacauaaugguuuG.....	1	1	seq
.....uagcagcacauaaugguuuG.....	25	1	seq
.....uagcagcacauaaugguuuG.....	1	1	seq
.....uagcagcacauaaugguuuG.....	43	1	seq
.....uagcagcacauaaugguuuG.....	94	1	seq
.....uagcagcacauaaugguuuG.....	300	1	seq
.....uagcagcacauaaugguuuG.....	8	1	seq
.....uagcagcacauaaugguuuG.....	32	0	seq
.....uagcagcacauaaugguuuG.....	1	0	seq
.....gagcagcacauaaugguuuG.....	1	0	seq
.....cagcagcacauaaugguuuG.....	1	0	seq
.....caggccauuuugugcugccuca.....	2	0	seq

Provisional ID : mun-miR-425
Score total : 5229.9
Score for star read(s) : 3.9
Score for read counts : 5219.2
Score for mfe : 2.2
Score for randfold : 1.6
Score for cons. seed : 3
Total read count : 10249
Mature read count : 9660
Loop read count : 0
Star read count : 589



Mature

Star

5' -		-3'	obs			
			exp	reads	mm	sample
ccggagagagacggcuuugg	aaugacacgaucacucccgugagcgggcagccacagagc	caucggggaugucgugucugucc	aaagcucuucggcaccuccgagagcccc	1	1	seq
ccggagagagacggcuuugg	aaugacacgaucacucccgugagcgggcagccacagagc	caucggggaugucgugucugucc	aaagcucuucggcaccuccgagagcccc	2	0	seq
.....	Guggaauagacacgaucacucccguga.....			65	0	seq
.....	gaaugacacgaucacucccgcu.....			57	1	seq
.....	gaaugacacgaucacucccgug.....			2	0	seq
.....	gaaugacacgaucacucccgugagc.....			5	0	seq
.....	gaaugacacgaucacucccgugagcgggcag.....			1	0	seq
.....	aaugacacgaucacuccc.....			2	0	seq
.....	aaugacacgaucacucccA.....			1	1	seq
.....	aaugacacgaucacucccg.....			2	0	seq
.....	aaugacacgaucacucccgU.....			1	1	seq
.....	aaugacacgaucacucccg.....			56	0	seq
.....	aaugacacgaucacucUcgcu.....			1	1	seq
.....	aaugacacgaucacucccgcu.....			104	0	seq
.....	aGugacacgaucacucccgug.....			1	1	seq
.....	aaugacacgaucacucccgCG.....			3	1	seq
.....	aaugacacgaucacucccgcuU.....			2	1	seq
.....	aaugacacAaucacucccgug.....			2	1	seq
.....	aaugacacgaucacucccgUug.....			2	1	seq
.....	aaugacacUaucacucccgug.....			1	1	seq
.....	aaugacGcgaucaucucccgug.....			1	1	seq
.....	aaugacacgaucacucccgug.....			1279	0	seq
.....	aaugacacgaucacucccgcuA.....			1	1	seq
.....	aaugacacgaucacucccUcuga.....			1	1	seq
.....	aGugacacgaucacucccguga.....			1	1	seq
.....	aaugacacgaucacGcccgcuga.....			1	1	seq
.....	aaugacacgaucaAucccguga.....			1	1	seq
.....	aaugacacgaucacucccguga.....			1706	0	seq
.....	aaugacacgaucacuUccgcuga.....			1	1	seq
.....	Uaugacacgaucacucccguga.....			2	1	seq
.....	aaugacacgauUacucccguga.....			1	1	seq
.....	aaugacacgaucacuccUgcuga.....			1	1	seq
.....	aaugacacgaucacucccgugC.....			2	1	seq

Mature

Star

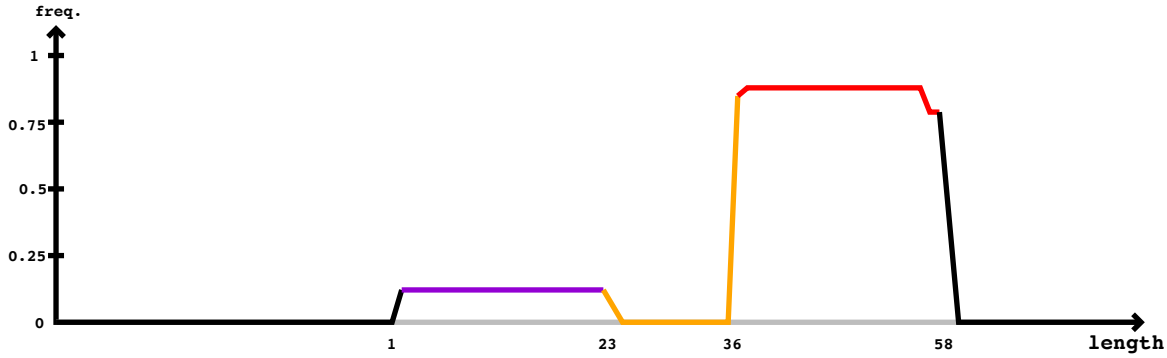
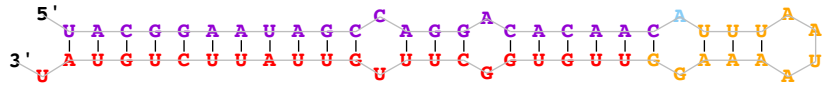
ccggagagagacggcuuuggaaugacacgaucacucccgugagcgggagccacagagccaucggggaugucgugucuccaaagcucuucggcaccuccgagagcccc			
. Gaugacacgaucacucccgugag	3	1	seq
. aaugacacgaucacucccgugU	2939	1	seq
. aaUAacacgaucacucccgugag	1	1	seq
. aaugacacgaucacUcgcugag	1	1	seq
. aaugacacgaucacucccgugG	12	1	seq
. aaugacacgaucacucccgugagA	35	1	seq
. aaUacacgaucacucccgugag	1	1	seq
. aaugacacgaucacucccgugagC	5	1	seq
. aaugacacgaucacucccgGugag	1	1	seq
. aaugacacgaucacuccCugag	1	1	seq
. aaugacacgaucacuccAgcugag	1	1	seq
. aaugacacgaucacucccgucag	1	1	seq
. aaugacacgaucacucccgugag	1	1	seq
. aGugacacgaucacucccgugag	1	1	seq
. aaugacacgaucacucccgugag	413	0	seq
. aaugacacgaucacucccgugagU	168	1	seq
. aaugacacgaucacucccgugUg	1	1	seq
. aaUacacgaucacuccAgcugagc	1	1	seq
. aaUacacgaucacucccgugagc	2	1	seq
. aaugacacgaucacucccgugagA	57	1	seq
. aaugacacgaucacucccgGgagc	1	1	seq
. aaugacacgaucacuccAcugagc	1	1	seq
. aaugacacUaucacucccgugagc	1	1	seq
. aaugacacgaucacucccgugagU	124	1	seq
. aGugacacgaucacucccgugagc	2	1	seq
. aaugacacgauAacucccgugagc	1	1	seq
. aaugacacgaucacucccgugagCc	1	1	seq
. aaugacacgaucacucccgugGgc	1	1	seq
. aaugaGacgaucacucccgugagc	2	1	seq
. aaugacacgaucacuccUgcugagc	2	1	seq
. aaugacacgaucacuccCugagc	2	1	seq
. aaugacacgaucacucccgugagc	1742	0	seq
. aaugacacgaucacuccUcugagc	1	1	seq
. aaugacacgaucacucccgugagAc	1	1	seq
. aaugacacgaucacucccgUugagc	1	1	seq
. aaugacacgaucacucccgugagG	1	1	seq
. aaugacacgaucacucccgugagcC	1	1	seq
. aaugacacgaucacucccgugagcA	9	1	seq
. aaugacacgaucacucccgugagcU	200	1	seq
. aaugacacgaucacucccgugagcG	1	1	seq
. aaugacacgaucacucccgugagcgggU	4	1	seq
. aaugacacgaucacucccgugagcgggcag	1	0	seq
. aaugacacgaucacucccgugagcgggcagc	1	0	seq
. aaugacacgaucacucccgugagcgggcagcc	1	0	seq
. aaugacacgaucacucccgugagcgggcagccacagagc	1	0	seq
. augacacgaucacuccgc	4	0	seq
. augacacgaucacuccgcu	1	0	seq
. augacacgaucacuccgcug	8	0	seq
. augacacgaucacuccgcugU	16	1	seq
. augacacgaucacuccgcuga	55	0	seq
. augacacgaucacuccgcugaU	12	1	seq
. augacacgaucacuccgcugaA	2	1	seq
. augacacgaucacuccgcugag	71	0	seq
. augacacgaucacuccgcugaAc	1	1	seq
. augacacgaucacuccgcugagc	289	0	seq
. augacacgaucacuccgcugagA	27	1	seq
. augacacgaucacuccUgcugagc	1	1	seq
. augacacgaucacuccgcugagU	33	1	seq
. augacacgaucacuccgAugagc	1	1	seq
. augacacgaucacuccgcugagcA	4	1	seq
. augacacgaucacuccgcugagcU	68	1	seq
. ugacacgaucacuccgcuga	1	0	seq
. ugacacgaucacuccgcugagc	17	0	seq
. ugacacgaucacuccgcugagU	1	1	seq
. ugacacgaucacuccgcugagA	1	1	seq
. ccaucggggaugucgugucugu	20	0	seq
. ccaucggggaugucgugGcugu	1	1	seq
. ccaucggggaugucgugucugA	2	1	seq
. caucggggaugucgugucug	7	0	seq
. caucggggaugucgugucugG	1	1	seq

Mature

Star

ccggagagagacggcuuuggaugacacgaucacucccgugagcgggcagccacagagccaucggggaugucgugucuguccaaagcucuucggcaccuccgagagcccc			
.....Aaucggggaugucgugucugu.....	1	1	seq
.....caucggggaugucgugucugu.....	103	0	seq
.....caucggggaugucgugucuguc.....	89	0	seq
.....caucggggaugucgugucUuc.....	1	1	seq
.....caucggggaugucgugucuguU.....	10	1	seq
.....caucggggaugucgugucGcuguc.....	1	1	seq
.....caucggggaugucgugucuguA.....	1	1	seq
.....Gaucggggaugucgugucuguc.....	1	1	seq
.....caucggggaugucgugucugucc.....	61	0	seq
.....caucggggaugucgugucugucG.....	1	1	seq
.....caucggggaugucgugucugucA.....	82	1	seq
.....caucggggaugucgugucugucU.....	145	1	seq
.....caucggggaugucgugucugucAa.....	1	1	seq
.....caucggggaugucgugucugucca.....	3	0	seq
.....caucggggaugucgugucuguccU.....	13	1	seq
.....caucggggaugucgugucuguccaa.....	1	0	seq
.....aucggggaugucgugucuguc.....	2	0	seq
.....aucggggaugucgugucugucA.....	2	1	seq
.....aucggggaugucgugucugucc.....	5	0	seq
.....aucggggaugucgugucugucca.....	1	0	seq
.....ucggggaugucgugucugu.....	2	0	seq
.....ucggggaugucgugucugucc.....	18	0	seq
.....ucggggaugucgugucugucA.....	4	1	seq
.....ucggggaugucgugucugucU.....	9	1	seq
.....ucggggaugucgugucugucAa.....	1	1	seq
.....aaagcucuucggcaccuc.....	1	0	seq

Provisional ID :mun-novel12
 Score total : 17.6
 Score for star read(s) : 3.9
 Score for read counts : 10.8
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 33
 Mature read count : 29
 Loop read count : 0
 Star read count : 4



Star

Mature

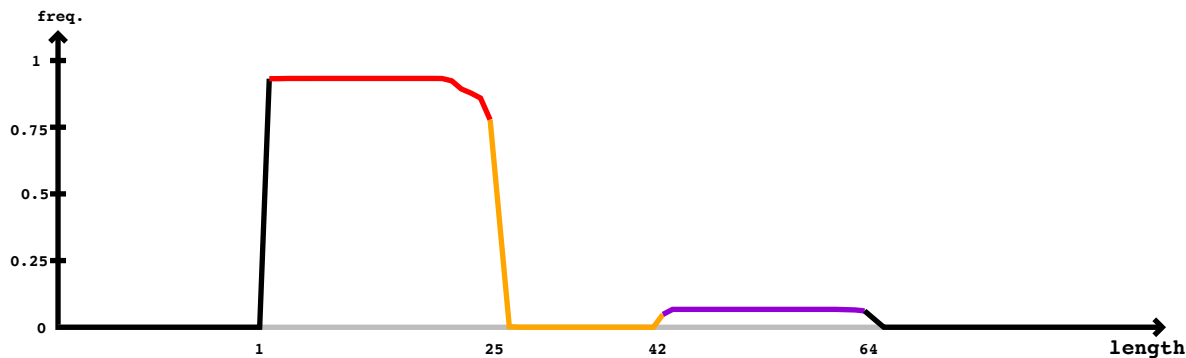
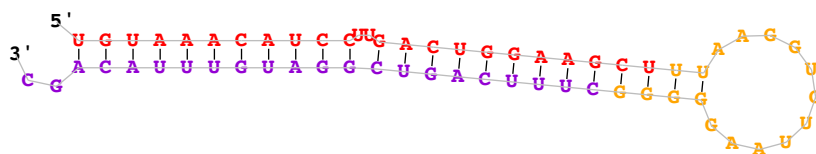
5' -	Star	Mature	-3'	obs	exp	reads	mm	sample
guaggcucuacagcuuuuuguauugugguugggg	uacggaauagccaggacacaa	cauuuaaaaaaggguugggcuuguuauucugua	uuucagcuuuuuuaaacuc	1	1	1	1	seq
guaggcucuacagcuuuuuguauugugguugggg	acggaaugccaggacacaa	cauuuaaaaaaggguugggcuuguuauucugua	uuucagcuuuuuuaaacuc	3	0	3	0	seq
.....	.....	.....	.....	3	0	3	0	seq
.....	.....	.....	.....	20	0	20	0	seq
.....	.....	.....	.....	3	1	3	1	seq
.....	.....	.....	.....	1	1	1	1	seq
.....	.....	.....	.....	1	0	1	0	seq
.....	.....	.....	.....	1	0	1	0	seq

Star

Mature

cugcacagcuuuuuuuuauuguugugguuguuu	ggguuccuggcaugaugauuu	gugacuu	aagau	aaaa	aucacauugccagggauuacc	cacacagccauaaccagcucc			
.....	aucacauugccagggauuacc	.....	2114	0	seq			
.....	aucacauugccagggaGuacc	.....	1	1	seq			
.....	aAcacauugccagggauuacc	.....	1	1	seq			
.....	aucacauugAcagggauuacc	.....	1	1	seq			
.....	aucacauuUccagggauuacc	.....	2	1	seq			
.....	aucacauugccaAgggauuacc	.....	1	1	seq			
.....	Gucacauugccagggauuacc	.....	2	1	seq			
.....	aucacauugccagggauUcc	.....	6268	1	seq			
.....	aucacauuCccagggauuacc	.....	1	1	seq			
.....	aucacauugccagggauuacA	.....	12	1	seq			
.....	aucacauugccagUgauuacc	.....	1	1	seq			
.....	aucacGuugccagggauuacc	.....	1	1	seq			
.....	auAacauugccagggauuacc	.....	1	1	seq			
.....	aucacauugccagggauuacU	.....	26	1	seq			
.....	aucacauugUcagggauuacca	.....	2	1	seq			
.....	aucacauugccagggauuaccC	.....	1	1	seq			
.....	aucacauugccagggauuacca	.....	618	0	seq			
.....	aucacauugccagggauuaccG	.....	2	1	seq			
.....	aucacauugccagggauuaccAa	.....	2	1	seq			
.....	aucacauugccagggauuaccU	.....	51	1	seq			
.....	aAcacauugccagggauuacca	.....	1	1	seq			
.....	aucacauugcUagggauuacca	.....	1	1	seq			
.....	aucacauuAccagggauuacca	.....	1	1	seq			
.....	aucacauugccagggauUcca	.....	1659	1	seq			
.....	aucacauugccagggauGcca	.....	1	1	seq			
.....	aucacauugccagggauUccac	.....	3	1	seq			
.....	aucacauugccagggauuaccac	.....	327	0	seq			
.....	aucacauuAccagggauuaccac	.....	1	1	seq			
.....	aucacauugccagggauuaccaU	.....	57	1	seq			
.....	aucacauugccagggauuaccaA	.....	2	1	seq			
.....	aucacauugccagggauuaccacG	.....	4	1	seq			
.....	aucacauugccagggauUccaca	.....	1	1	seq			
.....	aucacauugccagggauuaccacC	.....	23	1	seq			
.....	aucacauugccagggauuaccacU	.....	760	1	seq			
.....	aucacauugccagggauuaccaca	.....	5	0	seq			
.....	ucacauugccagggauU	.....	2	1	seq			
.....	ucacauugccagggauuac	.....	4	0	seq			
.....	ucacauugccagggauUc	.....	4	1	seq			
.....	ucacauugccagggauUcc	.....	28	1	seq			
.....	ucacauugccagggauuacc	.....	33	0	seq			
.....	ucacauugccagggauuacU	.....	1	1	seq			
.....	ucacauugUcagggauuacc	.....	1	1	seq			
.....	ucacauugccagggauuacA	.....	1	1	seq			
.....	ucacauugccagggauuaccU	.....	1	1	seq			
.....	ucacauugccagggauuacca	.....	14	0	seq			
.....	ucacauugccagggauUcca	.....	8	1	seq			
.....	ucacauugccagggauuaccaU	.....	3	1	seq			
.....	ucacauugccagggauuaccac	.....	10	0	seq			
.....	ucacauugccagggauuaccaca	.....	1	0	seq			
.....	ucacauugccagggauuaccacU	.....	60	1	seq			
.....	cacauugccagggauuaccacU	.....	1	1	seq			
.....	acauugccagggauuacc	.....	2	0	seq			
.....	acauugccagggauUcc	.....	5	1	seq			
.....	acauugccagggauUcca	.....	1	1	seq			

Provisional ID : mun-miR-30a
 Score total : 46287.8
 Score for star read(s) : 3.9
 Score for read counts : 46277
 Score for mfe : 2.4
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 90782
 Mature read count : 84688
 Loop read count : 0
 Star read count : 6094



Mature

Star

5' -	reads	mm	sample
uuugggcaguccuggcuac <u>uguaaacauc<u>cuugacuggaagcuuuagguguuaggggg</u>cuuucagucggauguuacagcagcagguugccaugcucaucugagcacagg</u>	obs		
uuugggcaguccuggcuac <u>uguaaacauc<u>cuugacuggaagcuuuagguguuaggggg</u>cuuucagucggauguuacagcagcagguugccaugcucaucugagcacagg</u>	exp		
.....(((((((.....((((((((((((((((((((((((((((((((((((.....)))))))))))))))))))))))))))))))))))))).....	reads	mm	sample
.....aAuguaaacauc <u>cuugacuggaagcu</u>	1	1	seq
.....cuguaaacauc <u>cuugacuggaag</u>	1	0	seq
.....cuguaaacauc <u>cuugacuggaagcu</u>	2	0	seq
.....Auguaaacauc <u>cuugacuggaagcu</u>	1	1	seq
.....uguaaacauc <u>cuugacug</u>	30	0	seq
.....uguaaacauc <u>cuugacugg</u>	1	1	seq
.....Cguaaacauc <u>cuugacugg</u>	1	1	seq
.....uguaaacauc <u>cuugacugg</u>	4	1	seq
.....uUuaaacauc <u>cuugacugg</u>	1	1	seq
.....uguaaacauc <u>cuugacugg</u>	727	0	seq
.....uguaaacauc <u>cuugacugU</u>	22	1	seq
.....uguaaacauc <u>cuugacugA</u>	22	1	seq
.....uguaaacauc <u>cuugaAugg</u>	1	1	seq
.....Gguaaacauc <u>cuugacugg</u>	1	1	seq
.....uguaaacauc <u>cuugacugg</u>	1	1	seq
.....uCuuaaacauc <u>cuugacugg</u>	1	1	seq
.....uguaaacauc <u>cuugacugg</u>	1	1	seq
.....uguaaacauc <u>cuugacugC</u>	1	1	seq
.....uguaaacauc <u>cuugacugga</u>	2402	0	seq
.....Gguaaacauc <u>cuugacugga</u>	2	1	seq
.....uguaaacG <u>uccuugacugga</u>	1	1	seq
.....uguaaacauc <u>cuugacuAga</u>	1	1	seq
.....uguaaacauc <u>cuugacugga</u>	38	1	seq
.....uguaaacauc <u>cuugacugga</u>	59	1	seq
.....Cguaaacauc <u>cuugacugga</u>	2	1	seq
.....uguaaacauc <u>cuugacCgga</u>	1	1	seq
.....uguaaacauc <u>cuugacugga</u>	10	1	seq
.....uguaG <u>acauc<u>cuugacugga</u></u>	1	1	seq
.....uguaaacauc <u>cuugacuggG</u>	8	1	seq
.....uguU <u>acauc<u>cuugacugga</u></u>	1	1	seq
.....uguaaacauc <u>cuugacugCa</u>	1	1	seq
.....A <u>guaaacauc<u>cuugacugga</u></u>	4	1	seq
.....uguaaacauc <u>cuugGcugga</u>	1	1	seq

Mature

Star

uuuggggcaguccggcuacuguaaacauccugacuggaagcuuuaggguuaagggggcuuucagucggauguuuacagcagcagguugccaugcucaucugagcacagg

.....uguaaacauc <u>Au</u> gacugga.....	1	1	seq
.....uguaaacauccu <u>gac</u> ugggU.....	194	1	seq
.....uguaaacauccu <u>Ggac</u> ugga.....	1	1	seq
.....uguaaacauccu <u>gac</u> ugggC.....	3	1	seq
.....uguaaacauccu <u>uga</u> Augga.....	1	1	seq
.....uguaaacauc <u>Uu</u> gacugga.....	40	1	seq
.....uguaaacauccu <u>Agac</u> uggaa.....	1	1	seq
.....uguaaacauc <u>Uu</u> gacugga.....	6	1	seq
.....uguaaacauccu <u>gac</u> ugga.....	1246	0	seq
.....Gguaaacauccu <u>gac</u> uggaa.....	2	1	seq
.....uguaaacauc <u>Uc</u> uugacuggaa.....	19	1	seq
.....uguaaacauccu <u>Aac</u> uggaa.....	1	1	seq
.....uguaaacauccu <u>gac</u> Ugaa.....	2	1	seq
.....ugCaaacauccu <u>gac</u> uggaa.....	1	1	seq
.....uguaaacauccu <u>Ggac</u> uggaa.....	1	1	seq
.....uguaaacauccu <u>gac</u> uggaC.....	3	1	seq
.....uguaaacauccu <u>uga</u> Uuggaa.....	1	1	seq
.....uguaaacauccu <u>gac</u> uggaU.....	86	1	seq
.....uguCaacauccu <u>gac</u> uggaa.....	1	1	seq
.....uguaaacauccC <u>gac</u> uggaa.....	15	1	seq
.....uguaaacauccu <u>gac</u> uggaG.....	9	1	seq
.....ugGaaacauccu <u>gac</u> uggaa.....	1	1	seq
.....ugCaaacauccu <u>gac</u> uggaag.....	2	1	seq
.....uguaaacauc <u>Uu</u> gacuggaag.....	3	1	seq
.....ugGaaacauccu <u>gac</u> uggaag.....	1	1	seq
.....uguaaacauccu <u>Agac</u> uggaag.....	1	1	seq
.....uguaaacauccu <u>gac</u> ugAaag.....	1	1	seq
.....uguaaacauccu <u>uga</u> Uuggaag.....	1	1	seq
.....uguaaacauccC <u>gac</u> uggaag.....	1	1	seq
.....uguaaacauc <u>Uc</u> uugacuggaag.....	7	1	seq
.....uguaaacauccu <u>gac</u> uggaag.....	1079	0	seq
.....uguaaacauc <u>Au</u> gacuggaag.....	1	1	seq
.....uguaaacauccu <u>gac</u> uggaaA.....	548	1	seq
.....uguaaacauccu <u>Uac</u> uggaag.....	1	1	seq
.....uguaaacauccu <u>gac</u> uggaaU.....	49	1	seq
.....uguaaacauccu <u>gac</u> uggaaC.....	9	1	seq
.....Gguaaacauccu <u>gac</u> uggaag.....	1	1	seq
.....ugCaaacauccu <u>gac</u> uggaagc.....	3	1	seq
.....uguaaacaC <u>cc</u> uugacuggaagc.....	1	1	seq
.....uguaaacauc <u>Ac</u> uugacuggaagc.....	1	1	seq
.....uguaaacauc <u>Uc</u> uugacuggaagc.....	16	1	seq
.....uguaaG <u>ca</u> uccuugacuggaagc.....	1	1	seq
.....uguaaacauc <u>Uu</u> gacuggaagc.....	28	1	seq
.....uguaaacauccu <u>gac</u> uggaagc.....	6283	0	seq
.....uguaaacauccu <u>gac</u> uggaagU.....	466	1	seq
.....uguaaacauccu <u>gac</u> ugUaagc.....	1	1	seq
.....uguaaacauccC <u>gac</u> uggaagc.....	2	1	seq
.....uguaaacauccuG <u>gac</u> uggaagc.....	1	1	seq
.....uguaaacC <u>ucc</u> uugacuggaagc.....	1	1	seq
.....ugAaaacauccu <u>gac</u> uggaagc.....	1	1	seq
.....uguaaacauccu <u>gac</u> ugCaagc.....	2	1	seq
.....uguaaacauccu <u>gac</u> uggaaAc.....	1	1	seq
.....uguaaacauccu <u>gac</u> Ugaagc.....	3	1	seq
.....Cguaaacauccu <u>gac</u> uggaagc.....	4	1	seq
.....Gguaaacauccu <u>gac</u> uggaagc.....	4	1	seq
.....uguaaacauccu <u>gac</u> Cggaagc.....	4	1	seq
.....uguaG <u>aca</u> uccuugacuggaagc.....	1	1	seq
.....uguaaacauccu <u>gac</u> Cgaagc.....	2	1	seq
.....uguaaacauccu <u>gac</u> uggaagG.....	1	1	seq
.....uguaU <u>aca</u> uccuugacuggaagc.....	1	1	seq
.....uguaaacauccu <u>gac</u> Aggaagc.....	2	1	seq
.....uguaaacauccu <u>uga</u> Uuggaagc.....	1	1	seq
.....ugGaaacauccu <u>gac</u> uggaagc.....	2	1	seq
.....uguaaacauccu <u>Uac</u> uggaagc.....	1	1	seq
.....uguaaacauccu <u>gac</u> uggaaUc.....	2	1	seq
.....uguG <u>aca</u> uccuugacuggaagc.....	2	1	seq
.....uguaaacaA <u>cc</u> uugacuggaagc.....	1	1	seq
.....uAuaaacauccu <u>gac</u> uggaagc.....	3	1	seq
.....uguaaacauccu <u>gac</u> uggaagA.....	530	1	seq
.....uguaaacauccu <u>uga</u> Guggaagc.....	1	1	seq

Mature

Star

uuuggggcaguccggcuacuguaaacaucuccugacuggaagcuuuaggguuaagggggcuucagucggauguuacagcagcagguugccaugcucaucugagcacagg

.....Uuaaacaucuccugacuggaagc.....	3	1	seq
.....uguaaacaucuccAgacuggaagc.....	3	1	seq
.....Aguaaacaucuccugacuggaagc.....	1	1	seq
.....uguaaacaucuccugacuggaGgcu.....	5	1	seq
.....uguaaaUauccuugacuggaagcu.....	14	1	seq
.....uguaaaAauccuugacuggaagcu.....	9	1	seq
.....uguaaacaucuccugacuUgaagcu.....	14	1	seq
.....uguaaacaucuccugacuAgaagcu.....	8	1	seq
.....uguaaacaUAcuugacuggaagcu.....	6	1	seq
.....uguaaacaucuccugacCggaagcu.....	9	1	seq
.....ugCaaacaucuccugacuggaagcu.....	16	1	seq
.....uguaaacaucuccuCauggaagcu.....	4	1	seq
.....uguaaGcaucuccugacuggaagcu.....	4	1	seq
.....uCuaaacaucuccugacuggaagcu.....	3	1	seq
.....uguaGacaucuccugacuggaagcu.....	10	1	seq
.....uguaaacaucuccugaGuggaagcu.....	4	1	seq
.....uguaaacaGccuugacuggaagcu.....	2	1	seq
.....uguaaacaucuccugacuggaCCu.....	5	1	seq
.....uguaaacaucuccugacuggaagcC.....	20	1	seq
.....uguaaacaAaccuugacuggaagcu.....	3	1	seq
.....uguaaUcaucuccugacuggaagcu.....	5	1	seq
.....uguaaacaucAagacuggaagcu.....	1	1	seq
.....uguaaacaucuccugacugAaagcu.....	3	1	seq
.....uguaaacaucuccugacuggaagcG.....	334	1	seq
.....uguaaacaucuccugUcuggaagcu.....	2	1	seq
.....uguaaacaucuccugaUuggaagcu.....	3	1	seq
.....uguaaacaucuccugCcuggaagcu.....	1	1	seq
.....uguaaacaucAauugacuggaagcu.....	11	1	seq
.....uguaaacUuccuugacuggaagcu.....	1	1	seq
.....uguaaacaucuccGgacuggaagcu.....	4	1	seq
.....uguaaacaucuccuAacuggaagcu.....	5	1	seq
.....uguaaacaucuccugacGggaagcu.....	3	1	seq
.....uguaaacaucuccAgacuggaagcu.....	9	1	seq
.....uAuaaacaucuccugacuggaagcu.....	2	1	seq
.....uguaaacGuccuugacuggaagcu.....	1	1	seq
.....uguaaacaucCugacuggaagcu.....	15	1	seq
.....uguaaacaUcuugacuggaagcu.....	31	1	seq
.....uguaaacaucuccugacuCgaagcu.....	4	1	seq
.....Gguaaacaucuccugacuggaagcu.....	57	1	seq
.....uguaaacaucuccugacuggaagAu.....	8	1	seq
.....ugGaaacaucuccugacuggaagcu.....	11	1	seq
.....uguaaacaCccuugacuggaagcu.....	5	1	seq
.....ugUGaaacaucuccugacuggaagcu.....	5	1	seq
.....uguaaacaucuccugacuggaalCu.....	2	1	seq
.....uguaaacaucuccugacuggaAUcu.....	9	1	seq
.....uguaaacaucuccugacuggaagcA.....	202	1	seq
.....uguaaacaucuccuUacuggaagcu.....	11	1	seq
.....uguaaacaucuccugacugUaagcu.....	10	1	seq
.....uguaaacaucuccugacuggGagcu.....	6	1	seq
.....uguaaacaucuccugacuggaagGu.....	1	1	seq
.....uguaaacaucuccugaAuggaagcu.....	10	1	seq
.....uguaaacaucuccugacAggaagcu.....	9	1	seq
.....uguaaacaucuccugacuggaagUu.....	6	1	seq
.....uguaaacaUGcuugacuggaagcu.....	3	1	seq
.....uguaaacaucGuugacuggaagcu.....	5	1	seq
.....ugAaaacaucuccugacuggaagcu.....	9	1	seq
.....uguaaCCaucuccugacuggaagcu.....	1	1	seq
.....uguaUacaucuccugacuggaagcu.....	2	1	seq
.....uguaaacaucuccugacuggaagcu.....	65670	0	seq
.....uUuaaacaucuccugacuggaagcu.....	16	1	seq
.....uguaaacaucUuugacuggaagcu.....	32	1	seq
.....Cguaaacaucuccugacuggaagcu.....	30	1	seq
.....Aguaaacaucuccugacuggaagcu.....	33	1	seq
.....uguaaacaucuccugacugCaagcu.....	2	1	seq
.....uguUaacaucuccugacuggaagcu.....	1	1	seq
.....uguaaacaucuccugacuggCagcu.....	1	1	seq
.....uguaaacaucuccugGcuggaagcu.....	4	1	seq
.....uguaaacaucuccuGcuggaagcu.....	1159	1	seq
.....Aguaaacaucuccugacuggaagcu.....	1	1	seq
.....uguaaacaucuccugacuggGagcu.....	1	1	seq

Mature

Star

Sequence	Count	Count	Category
uuugggcaguccggcuac <u>uguaaaca</u> uccuugacuggaagcuuu <u>aaagggu</u> uaaaggggcuuucagucggauguuuacagcagcagguugccaugcucaucugagcacagg			
..... <u>uguaaaca</u> uccCugacuggaagcuu.....	1	1	seq
..... <u>ugAaaaca</u> uccuugacuggaagcuu.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuC.....	2	1	seq
..... <u>uguaaaA</u> uccuugacuggaagcuu.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaagCu.....	7	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuu.....	2402	0	seq
..... <u>uguaaacU</u> uccuugacuggaagcuu.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuA.....	23	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuAu.....	1	1	seq
..... <u>Gguaaaca</u> uccuugacuggaagcuu.....	3	1	seq
..... <u>ugCaaaca</u> uccuugacuggaagcuu.....	1	1	seq
..... <u>uCuaaaca</u> uccuugacuggaagcuu.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaUcuu.....	1	1	seq
..... <u>uguaaaca</u> uccuUacuggaagcuu.....	2	1	seq
..... <u>uguaaaca</u> uccuugacugUaagcuu.....	2	1	seq
..... <u>ugCaaaca</u> uccuugacuggaagcuuu.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuA.....	33	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuGu.....	2	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuC.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuu.....	73	0	seq
..... <u>uguaaaca</u> uccuugacuggaagcuAu.....	2	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuCu.....	9	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuG.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuu.....	39	1	seq
..... <u>Gguaaaca</u> uccuugacuggaagcuuu.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuuC.....	1	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuuA.....	4	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuAua.....	2	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuuU.....	7	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuuA.....	5	0	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuuUa.....	2	1	seq
..... <u>uguaaaca</u> uccuugacuggaagcuuuAaaggguuuaggggg.....	1	0	seq
..... <u>guaaaca</u> uccuugacuggaagcu.....	10	0	seq
..... <u>guaaaca</u> uccuugacuggaagcuu.....	2	1	seq
..... <u>guaaaca</u> uccuugacuggaagcuu.....	2	0	seq
..... <u>guaaaca</u> uccuugacuggaagcuuu.....	1	0	seq
..... <u>uaaaca</u> uccuugacuggaagc.....	2	0	seq
..... <u>uaaaca</u> uccuugacuggaagcu.....	67	0	seq
..... <u>uaaaca</u> uccuugacuggaagcG.....	1	1	seq
..... <u>uaaaca</u> uccuugacuggaagcuu.....	5	0	seq
..... <u>Ccauccu</u> ugacuggaagcu.....	1	1	seq
..... <u>acauccu</u> ugacuggaagcu.....	1	0	seq
..... <u>uuagggu</u> uaaaggggcuuucagucggauguuuacagcU.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuuA.....	1	1	seq
..... <u>cuuucaguc</u> ggaugAuuac.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuac.....	91	0	seq
..... <u>cuuucaguc</u> ggauguuuuA.....	3	1	seq
..... <u>Guuucaguc</u> ggauguuuaca.....	1	1	seq
..... <u>Auuucaguc</u> ggauguuuaca.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuuAa.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuacU.....	4	1	seq
..... <u>cuuucaguc</u> ggauguuuaca.....	74	0	seq
..... <u>cuuucaguc</u> ggaUuuuaca.....	1	1	seq
..... <u>cuCucaguc</u> ggauguuuacag.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuacaU.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuuacag.....	236	0	seq
..... <u>cuuucUuc</u> ggauguuuacag.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuacaA.....	13	1	seq
..... <u>Guuucaguc</u> ggauguuuuacagc.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuacagG.....	1	1	seq
..... <u>cuuucaguA</u> ggauguuuacagc.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuuacagA.....	7	1	seq
..... <u>cuuucaguc</u> Aggauguuuacagc.....	1	1	seq
..... <u>cuuucaguc</u> ggauguuuuacagU.....	23	1	seq
..... <u>cuuucaguc</u> ggGuguuuuacagc.....	1	1	seq
..... <u>cuuucaguc</u> ggaugCuuuacagc.....	1	1	seq
..... <u>cuuucaguc</u> Ugauguuuuacagc.....	2	1	seq
..... <u>cuuuA</u> agucggauguuuuacagc.....	2	1	seq
..... <u>cuuucagC</u> ggauguuuuacagc.....	2	1	seq
..... <u>cuuucaguc</u> ggaUuuuacagc.....	1	1	seq

Mature

Star

Sequence	Count	Count	Label
uuugggcaguccggcuac <u>uguaaaca</u> uccuugacuggaagcuuuagguguuaaggggcuuucagucggauguuuacagcagcagguugccaugcucaucugagcacagg			
.....cuuucagucggauguuuAagc.....	2	1	seq
.....cuuucagucgAauguuuacagc.....	1	1	seq
.....cuuucagGcggauguuuacagc.....	1	1	seq
.....cuuucaguUggauguuuacagc.....	4	1	seq
.....cuuucagucggauguuuacagc.....	3685	0	seq
.....Auuucagucggauguuuacagc.....	3	1	seq
.....cuuGcagucggauguuuacagc.....	1	1	seq
.....cuuucagucggauguuacagc.....	1	1	seq
.....Uuuucagucggauguuuacagc.....	3	1	seq
.....cuuucAUcgggauguuuacagc.....	2	1	seq
.....cuuucagucggauguuuUagc.....	2	1	seq
.....cuuucagucggauguuuUcagc.....	1	1	seq
.....cuuCcagucggauguuuacagc.....	1	1	seq
.....cuuucagucggauguuuacagcU.....	125	1	seq
.....cuuucagucggauguuuacagca.....	39	0	seq
.....cuuucagucggauguuuacagcC.....	7	1	seq
.....cuuucagucggauguuuacagUa.....	1	1	seq
.....cuuucagucggauguuuGcagca.....	35	1	seq
.....cuuucagucggauguuuacagAa.....	1	1	seq
.....uuucagucggauguuuac.....	5	0	seq
.....uuucagucggauguuuacU.....	1	1	seq
.....uuucagucggauguuuaca.....	11	0	seq
.....uuucagucggauguuuacaA.....	4	1	seq
.....uuucagucggauguuuacag.....	82	0	seq
.....uuucUgucggauguuuacagc.....	1	1	seq
.....uuucagucggaugCuucacagc.....	1	1	seq
.....uuucagucggaugAuuacagc.....	1	1	seq
.....uuucagucUggauguuuacagc.....	1	1	seq
.....uuucagucggauguuuacagU.....	7	1	seq
.....Cuucagucggauguuuacagc.....	1	1	seq
.....uuucagucggauguuuacagA.....	22	1	seq
.....uAucagucggauguuuacagc.....	1	1	seq
.....uuucagucggauguuuAagc.....	1	1	seq
.....uuucagucggaugGuuacagc.....	1	1	seq
.....uuucagucggauguuuacagc.....	1077	0	seq
.....uuucagucggGuguuuacagc.....	1	1	seq
.....uuucaAucggauguuuacagc.....	1	1	seq
.....uuucagucggauguuuacagUa.....	1	1	seq
.....uuucagucggauguuuacagca.....	9	0	seq
.....uuucagucggauguuuacagcU.....	392	1	seq
.....uuucagucggauguuuacagcC.....	57	1	seq
.....uuucagucggauguuuacagAa.....	4	1	seq
.....uuucagucggauguuuGcagca.....	2	1	seq
.....uuucagucggauguuuacagcaU.....	9	1	seq
.....uuucagucggauguuuacagcaA.....	2	1	seq
.....uucagucggauguuuacagc.....	7	0	seq
.....uucagucggauguuuacagU.....	1	1	seq
.....uucagucggauguuuacagcU.....	2	1	seq
.....ucagucggauguuuacagc.....	1	0	seq

Star

Mature

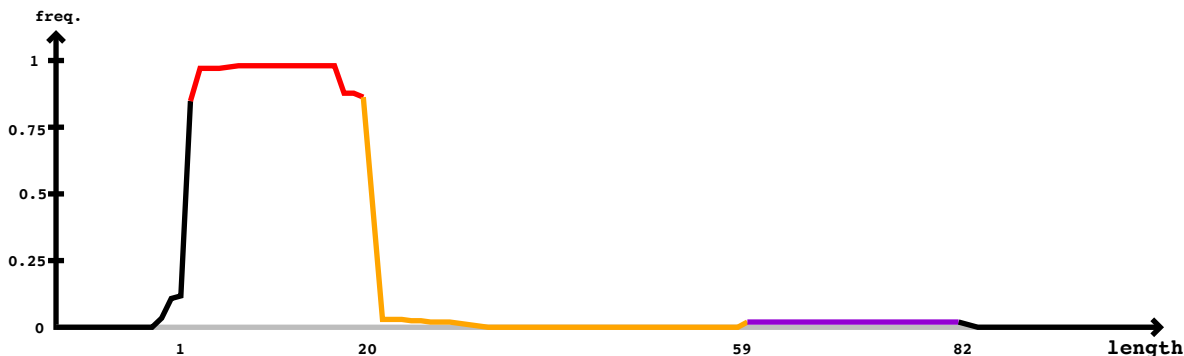
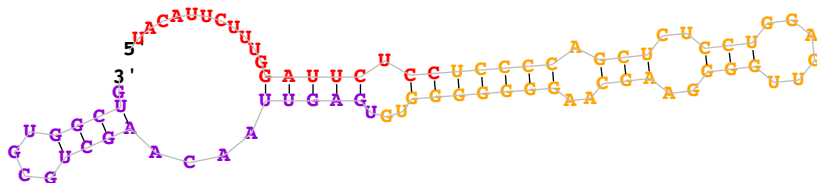
Sequence	Star Count	Mature Count	Label
.....aagcugccaguuugaagaUu.....	1	1	seq
.....Gagcugccaguuugaagaacu.....	1	1	seq
.....aagcuUccaguuugaagaacug.....	2	1	seq
.....aagcugUcaguuugaagaacug.....	1	1	seq
.....aagcugccagGugaagaacug.....	2	1	seq
.....aagcugccagCugaagaacug.....	1	1	seq
.....aagcugccaguuUaagaacug.....	2	1	seq
.....aaCcugccaguuugaagaacug.....	1	1	seq
.....aagcugccaguuugaagaacAg.....	1	1	seq
.....aagcugccaguuugaagaacGg.....	3	1	seq
.....aagcugccaguuugaagaAaug.....	1	1	seq
.....aagcugUaguugaagaacug.....	1	1	seq
.....Cagcugccaguuugaagaacug.....	2	1	seq
.....aagcugccaguuugaagGacug.....	1	1	seq
.....aagcugccaguuugaagaacuU.....	1	1	seq
.....aagcugAcaguuugaagaacug.....	1	1	seq
.....aagcugccGguugaagaacug.....	2	1	seq
.....aagcugccaguuAaagaacug.....	1	1	seq
.....aagcugccaguuugaagaacug.....	2359	0	seq
.....aagcugccaguuugaagaacuA.....	1	1	seq
.....aagcugccaguuCgaagaacug.....	1	1	seq
.....aagcugccaguuugaaCaacug.....	1	1	seq
.....aagcugccaguuugaagaacCg.....	1	1	seq
.....aagcugCgaguuugaagaacug.....	8	1	seq
.....aagcugccaguuGagaacug.....	16	1	seq
.....aagcugccaguuGcagaacug.....	6	1	seq
.....aagcugccaguuugaagGacug.....	20	1	seq
.....aagcugccaguuugaagaGugu.....	4	1	seq
.....aaUcugccaguuugaagaacug.....	31	1	seq
.....aagcugccaguuugaagUacug.....	13	1	seq
.....aagcugccaguuugaGgaacug.....	13	1	seq
.....aagcugccaguuugaCgaacug.....	5	1	seq
.....aagcugccUguugaagaacug.....	7	1	seq
.....aagcugccaguuUaagaacug.....	34	1	seq
.....aagcuCccaguuugaagaacug.....	5	1	seq
.....aagcugccaguuugaagaacug.....	10	1	seq
.....aagcugccaguuugaagaacug.....	165528	0	seq
.....aagcugAcaguuugaagaacug.....	30	1	seq
.....aagcugccaguuugaaAaacug.....	13	1	seq
.....Cagcugccaguuugaagaacug.....	36	1	seq
.....aagcugccaguuugaagaacug.....	2	1	seq
.....aagcugccaguuugaagaGcug.....	14	1	seq
.....aagcugccaguuugaagaacuUu.....	28	1	seq
.....aagcugccaguuugaagaacug.....	3	1	seq
.....aagcugccaguuugaagaacuCu.....	8	1	seq
.....aagcugccaUuugaagaacug.....	20	1	seq
.....aagcugccaguuUgagaacug.....	5	1	seq
.....aagcugccaguuugaagaacCgu.....	8	1	seq
.....aagcugccaguuAaagaacug.....	19	1	seq
.....aagcugccaguuugaagaacAgu.....	4	1	seq
.....aagcugccGguugaagaacug.....	21	1	seq
.....aagcugccagGugaagaacug.....	14	1	seq
.....aagcugccaguuugaagaAaug.....	25	1	seq
.....aagcugccaAuugaagaacug.....	11	1	seq
.....aagcugUcaguuugaagaacug.....	40	1	seq
.....aagcCgccaaguuugaagaacug.....	28	1	seq
.....aagcugccaguuugaagaUugu.....	7	1	seq
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.....aagUugccaguuugaagaacug.....	4	1	seq
.....aagcugccaguuugaagaacugC.....	60	1	seq
.....aagGugccaguuugaagaacug.....	2	1	seq
.....aGgcugccaguuugaagaacug.....	19	1	seq
.....aagcugccaguuugaagaUcug.....	6	1	seq
.....aagAugccaguuugaagaacug.....	22	1	seq
.....aagcuAccaguuugaagaacug.....	28	1	seq
.....aagcugccaguuugaagaacugG.....	371	1	seq
.....aagcugccaguuugaaUaacug.....	40	1	seq
.....aagcugccaguuugaagaacGgu.....	5	1	seq
.....aagcugccaCuugaagaacug.....	4	1	seq
.....aagcugccaguuugaUgaacug.....	14	1	seq

Star

Mature

cagcgccccgcuccuggcuaaccagcacc	aguucucaguggcaagcuuu	auguccuucucuaguagcu	aaagcugccaguguagaagacuguu	ugaaguagccacacuc			
.....	.....	.....	.....	.....	36	1	seq
.....	.....	.....	.....	.....	10	1	seq
.....	.....	.....	.....	.....	22	1	seq
.....	.....	.....	.....	.....	7	1	seq
.....	.....	.....	.....	.....	23	1	seq
.....	.....	.....	.....	.....	5	1	seq
.....	.....	.....	.....	.....	22	1	seq
.....	.....	.....	.....	.....	9	1	seq
.....	.....	.....	.....	.....	4	1	seq
.....	.....	.....	.....	.....	5	1	seq
.....	.....	.....	.....	.....	132	1	seq
.....	.....	.....	.....	.....	24	1	seq
.....	.....	.....	.....	.....	32	1	seq
.....	.....	.....	.....	.....	47	1	seq
.....	.....	.....	.....	.....	12	1	seq
.....	.....	.....	.....	.....	2	1	seq
.....	.....	.....	.....	.....	9	1	seq
.....	.....	.....	.....	.....	4	1	seq
.....	.....	.....	.....	.....	8	1	seq
.....	.....	.....	.....	.....	348	0	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	235	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	7	1	seq
.....	.....	.....	.....	.....	2	1	seq
.....	.....	.....	.....	.....	2	0	seq
.....	.....	.....	.....	.....	2	1	seq
.....	.....	.....	.....	.....	10	1	seq
.....	.....	.....	.....	.....	13	1	seq
.....	.....	.....	.....	.....	11	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	78	0	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	1	0	seq
.....	.....	.....	.....	.....	5	0	seq

Provisional ID : mun-novel76
 Score total : 94.6
 Score for star read(s) : 3.9
 Score for read counts : 91.9
 Score for mfe : 1.6
 Score for randfold : -2.2
 Score for cons. seed : -0.6
 Total read count : 192
 Mature read count : 188
 Loop read count : 0
 Star read count : 4



Mature

Star

5' -	obs	reads	mm	sample
acccauggggagc <u>uaca<u>uuuu</u>uggau<u>uucc</u>ucccccagcucuccuggaguuggggaagcaaggggggugaguuacaagcugcguggcuggguuuaaaccacgacaaug</u>	exp			
.....agGuaca <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....agcuGca <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....agcuaca <u>uuuu</u> uggau <u>uucc</u>	3	0	seq	
.....agcuaU <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....agcuaca <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....gAuaca <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....gcuaca <u>uuuu</u> uggau <u>uucc</u>	13	0	seq	
.....gcuaca <u>uuuu</u> uggau <u>uucc</u>	1	0	seq	
.....cuaca <u>uuuu</u> uggau <u>uucc</u>	2	0	seq	
.....uacGu <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....uaca <u>uuuu</u> uggau <u>uucc</u>	2	0	seq	
.....uaca <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....uaca <u>uuuu</u> uggau <u>uucc</u>	118	0	seq	
.....uacGu <u>uuuu</u> uggau <u>uucc</u>	5	1	seq	
.....Caca <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....uaca <u>uuuu</u> uggau <u>uucc</u> A.....	1	1	seq	
.....uGca <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....uaca <u>uuuu</u> uggau <u>uucc</u>	15	0	seq	
.....uacCu <u>uuuu</u> uggau <u>uucc</u>	1	1	seq	
.....uaca <u>uuuu</u> uggau <u>uucc</u>	1	0	seq	
.....uaca <u>uuuu</u> uggaCuc <u>uucc</u> cccagcuc.....	1	1	seq	
.....uaca <u>uuuu</u> uggaCuc <u>uucc</u> cccagcuc.....	1	1	seq	
.....aca <u>uuuu</u> uggau <u>uucc</u>	5	0	seq	
.....aca <u>uuuu</u> uggau <u>uucc</u>	19	0	seq	
.....aca <u>uuuu</u> uggau <u>uucc</u> ccca.....	1	0	seq	
.....uu <u>uuuu</u> uggau <u>uucc</u> cccacA <u>cu</u>	1	1	seq	
.....uu <u>uuuu</u> uggau <u>uucc</u> cccagcuc.....	1	1	seq	
.....ugagu <u>uuuu</u> acaagcugcguggcug.....	3	0	seq	
.....ugagu <u>uuuu</u> acaagcugcguggcugU.....	1	1	seq	

Mature

Star

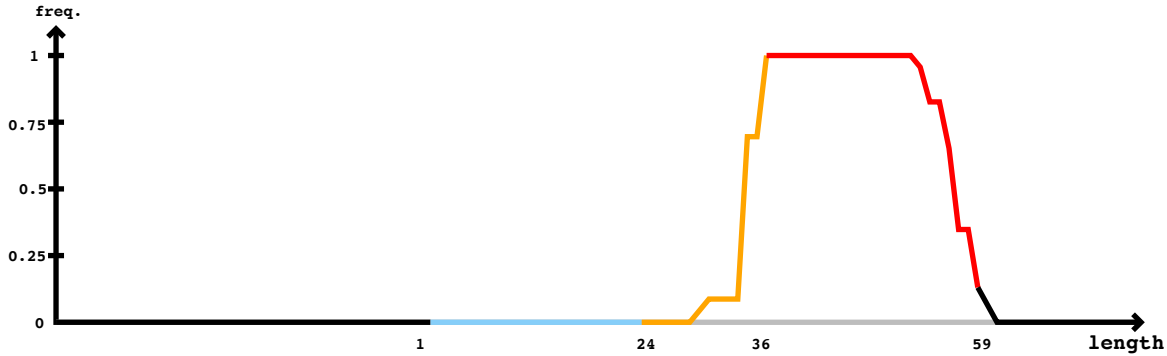
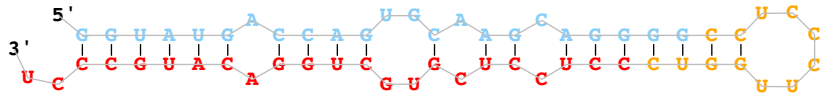
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..... uucccuuugucauc <u>A</u> augccu.....	4	1	seq
..... uucccuuugucaucca <u>G</u> gccu.....	1	1	seq
..... uuGccuuuugucauccuaugccu.....	3	1	seq
..... uucccuuugucauccuau <u>G</u> U.....	7	1	seq
..... uucccuuugucau <u>A</u> cuaugccu.....	4	1	seq
..... uucccuuugu <u>U</u> auccuaugccu.....	14	1	seq
..... uucccuuugucauccuau <u>U</u> ccu.....	4	1	seq
..... uu <u>U</u> cccuuuguc <u>U</u> ccuaugccu.....	1	1	seq
..... Gucccuuugucauccuaugccu.....	18	1	seq
..... uucccuu <u>G</u> ucauccuaugccu.....	3	1	seq
..... uucccuuu <u>A</u> ucauccuaugccu.....	2	1	seq
..... uu <u>G</u> ccuuuugucauccuaugccu.....	2	1	seq
..... uucc <u>U</u> uuugucauccuaugccu.....	2	1	seq
..... uucccuuugucauccuau <u>G</u> CC.....	12	1	seq
..... uucccuuugu <u>G</u> auccuaugccu.....	3	1	seq
..... uucccuuu <u>U</u> ucauccuaugccu.....	4	1	seq
..... uucccuuugucau <u>G</u> cuauccu.....	1	1	seq
..... uucccuuuguca <u>A</u> ccuauccu.....	3	1	seq
..... uucc <u>G</u> uuugucauccuaugccu.....	1	1	seq
..... uucccuuugucau <u>U</u> cuauccu.....	4	1	seq
..... uucccuuugucau <u>G</u> cuauccu.....	2	1	seq
..... uu <u>C</u> ccuuuugucauccuaugccu.....	7	1	seq
..... uucccuuug <u>C</u> cauccuauccu.....	6	1	seq
..... uucccuuu <u>C</u> ucauccuauccu.....	1	1	seq
..... uucccuuugucauccuau <u>A</u> gccu.....	2	1	seq
..... uucccuuugucauccu <u>G</u> ugccu.....	2	1	seq
..... Aucccuuugucauccuauccu.....	14	1	seq
..... uucccuuugucauccuau <u>A</u> ccu.....	2	1	seq
..... Cucccuuugucauccuauccu.....	12	1	seq
..... uucccuuugu <u>A</u> auccuauccu.....	4	1	seq
..... uucccuuugucauccuau <u>G</u> Au.....	3	1	seq
..... uucccuuug <u>G</u> cauccuauccu.....	4	1	seq
..... uucccuuugucauccuau <u>G</u> Ucu.....	6	1	seq
..... uucccuuugucau <u>C</u> augccu.....	5	1	seq
..... uucccuuugucauccuauccu.....	25059	0	seq
..... uu <u>A</u> cccuuugucauccuauccu.....	6	1	seq
..... uucccuuug <u>A</u> cauccuauccu.....	3	1	seq
..... uucccuuugucauccuau <u>G</u> CC <u>A</u>	937	1	seq
..... uCcccuuugucauccuauccu <u>G</u>	1	1	seq
..... uucccuuugucauccuauccu <u>A</u>	28	1	seq
..... Gucccuuugucauccuauccu <u>G</u>	1	1	seq
..... uucccuuugucau <u>U</u> cuauccu <u>G</u>	1	1	seq
..... uucccuuugucauccuau <u>G</u> CC <u>G</u>	2	1	seq
..... uu <u>C</u> ccCuugucauccuauccu <u>G</u>	1	1	seq
..... uucccuuugucauccuauccuauccu <u>G</u>	1	1	seq
..... uucccuuugucauccuauccuauccu <u>G</u>	952	0	seq
..... uucccuuugucauccuauccuauccu <u>G</u>	13	1	seq
..... uucccuuugucauccuauccuauccu <u>U</u>	586	1	seq
..... uucccuuug <u>G</u> cauccuauccu <u>G</u>	1	1	seq
..... uu <u>U</u> cccuuugucauccuauccuauccu <u>G</u>	1	1	seq
..... uucccuuugucauccuauccuauccu <u>C</u>	14	1	seq
..... Cucccuuugucauccuauccuauccu <u>G</u>	1	1	seq
..... uucccuuugucauccuauccuauccu <u>A</u> g.....	1	1	seq
..... uucccuuugucauccuauccuauccu <u>G</u> U.....	207	1	seq
..... uucccuuugucauccuauccuauccu <u>U</u> a.....	2	1	seq
..... uucccuuugucauccuauccuauccu <u>A</u> a.....	3	1	seq
..... uucccuuugucauccuauccuauccuauccu <u>G</u> a.....	5	0	seq
..... uucccuuugucauccuauccuauccuauccuauccu <u>G</u> agaau.....	1	0	seq
..... ucccCuugucauccuauccuauccu.....	1	1	seq
..... ucccuuugucauccuauccuauccu.....	1	0	seq
..... ccuuugucauccuauccuauccu.....	2	0	seq
..... cuuugucauccuauccuauccu.....	2	0	seq
..... ggcuugggacggcaaagggac.....	1	0	seq
..... ggcuugggacggcaaagggacg.....	1	0	seq
..... ggcuugggacggcaaagggacgu.....	2	0	seq
..... ggcuugggacggcaaagggacguu.....	5	0	seq
..... gcugggacggcaaagggacA.....	1	1	seq
..... gcugggacggcaaagggacg.....	7	0	seq
..... gcugggacggcaaagggacgu.....	7	0	seq
..... gcugggacggcaaagggacgC.....	1	1	seq

Mature

Star

guucaugugaccguggacucccuugucauccaugccugagaauaugaaggggcugggacggcaaagggacgucaacugucaucacuggcaucuucugacca
.....gcugggacggcaaagggacguA..... 1 1 seq
.....gcugggacggcaaagggacguu..... 1 0 seq
.....gcugggacggcaaagggacguuU..... 1 1 seq

Provisional ID : mun-novel32
 Score total : 1.9
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 21
 Mature read count : 21
 Loop read count : 0
 Star read count : 0



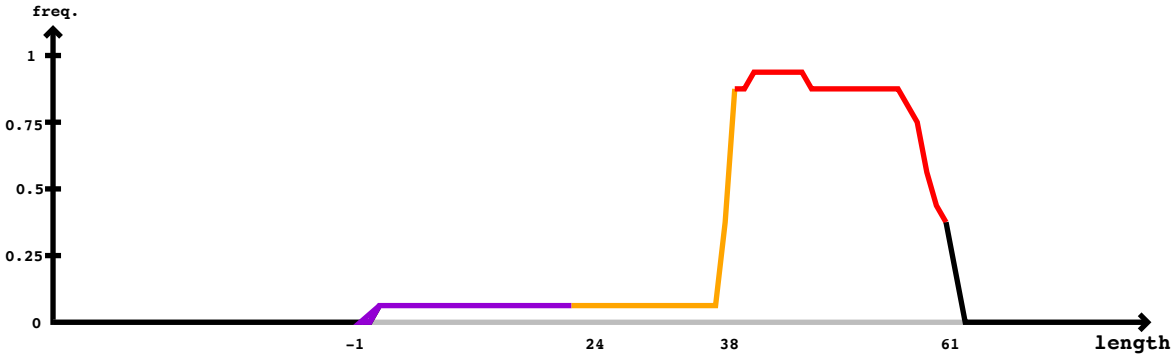
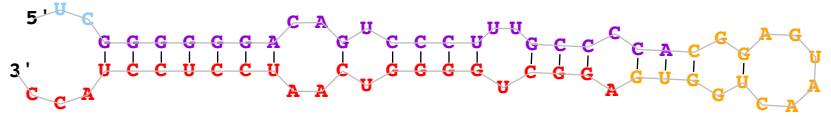
Star Mature

5' -		-3'	exp	
			reads	mm
ugcaagcauggaugccagcaccgccggagccccugcca	gguaugaccagugcaagcagggg	ccuccuugguccuccucgucguggacaugccucgucucgucgag		
(((((.(.(((...))))))....((((((.....(((((((((....(.(((((((.....)))))))).).).)))))).))))))))..)))))..		.....cugguccuccucgucguggac.....	1	0
.....		.....uugguccuccucgucguggacU.....	1	1
.....		.....uccuccugucguggaca.....	1	0
.....		.....uccuccugucguggacU.....	1	1
.....		.....uccuccugucguggacaug.....	2	0
.....		.....uccuccugucguggacaU.....	1	1
.....		.....uccuccugucguggacaC.....	1	1
.....		.....uccuccugucguggacaugU.....	3	1
.....		.....uccuccugucguggacaugA.....	3	1
.....		.....uccuccugucguggacaugccU.....	2	1
.....		.....ccuccugucguggacaugc.....	1	0
.....		.....ccuccugucguggacaugccU.....	3	1
.....		.....ccuccugucguggacaugccu.....	3	0
				seq

```

Provisional ID : mun-novel6
Score total    : 5.6
Score for star read(s) : -1.3
Score for read counts : 0
Score for mfe  : 2.3
Score for randfold : 1.6
Score for cons. seed : 3
Total read count : 15
Mature read count : 14
Loop read count  : 0
Star read count  : 1

```



Star		Mature		obs		sample
5' - accauaaggugacacuguguccuuugggucggggggacaguccuuugcccccaggaguaaacuggugaggcuggggucaauccuccuacc				reads	mm	seq
accauaaggugacacuguguccuuugggucggggggacaguccuuugcccccaggaguaaacuggugaggcuggggucaauccuccuacc				exp		
.....(((((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....))						
.....ggggggacaguccuuugcccca.....				1	0	seq
.....cacggaguaaacuggugaggcuggg.....				1	0	seq
.....gaggcuggggucaauccuc.....				1	0	seq
.....gaggcuggggucaauccucc.....				1	0	seq
.....gaggcuggggucaauccuccu.....				2	0	seq
.....gaggcuggggucaauccuccua.....				1	0	seq
.....aggcuggggucaauccuccu.....				1	0	seq
.....aggcuggggucaauccuccua.....				1	0	seq
.....aggcuggggucaauccuccuaU.....				1	1	seq
.....aggcuggggGcauaccuccuacc.....				1	1	seq
.....aggcuggggucaauccuccuacU.....				4	1	seq
.....gcuggggucaauccuccuacc.....				1	0	seq

Mature

Star

ugcaucugucuauauug <u>uacc</u> cgua <u>gauc</u> cc <u>gaauu</u> ug <u>uaa</u> ag <u>ga</u> ag <u>u</u> gg <u>uca</u> ca <u>aa</u> u <u>uc</u> g <u>ua</u> cu <u>ag</u> gg <u>ga</u> au <u>u</u> g <u>ua</u> g <u>u</u> g <u>a</u> c <u>a</u> a <u>a</u> c <u>a</u> c <u>a</u> c <u>a</u> c <u>a</u> g <u>g</u> u <u>c</u> a <u>c</u> a <u>c</u>			
.....uacc	2	1	seq
.....uacc	4445	0	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....Cacc	3	1	seq
.....uacc	4	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	42	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	2	1	seq
.....Gacc	1	1	seq
.....uacc	3	1	seq
.....uacc	1	1	seq
.....Aacc	2	1	seq
.....uacc	1	1	seq
.....uacc	1	1	seq
.....uacc	2	1	seq
.....uacc	9	1	seq
.....uacc	1	1	seq
.....uacc	2	1	seq
.....uacc	3	1	seq
.....uacc	1	1	seq
.....uacc	2	1	seq
.....uacc	2	1	seq
.....uacc	11	1	seq
.....uacc	1	1	seq
.....uacc	3	1	seq
.....uacc	3	1	seq
.....uacc	2	1	seq
.....uacc	5	1	seq
.....uacc	3	1	seq
.....uacc	1	1	seq
.....Gacc	16	1	seq
.....uacc	1	1	seq
.....Aacc	1	1	seq
.....Aacc	13	1	seq
.....uacc	3	1	seq
.....uacc	6	1	seq
.....uacc	6	1	seq
.....uaUcc	1	1	seq
.....uacc	3	1	seq
.....uacc	2	1	seq
.....uacc	18815	0	seq
.....uacc	1	1	seq
.....uacc	4	1	seq
.....uacc	2	1	seq
.....uacc	2	1	seq
.....uacc	40	1	seq
.....uac	6	1	seq
.....uacc	2	1	seq
.....uGcc	2	1	seq
.....uacc	1	1	seq
.....uac	2	1	seq
.....Cacc	16	1	seq
.....uaAcc	3	1	seq
.....uCcc	1	1	seq
.....uacc	4	1	seq
.....uacc	3	1	seq
.....uacc	2	1	seq
.....uacc	4	1	seq
.....uacc	1	1	seq
.....uacc	3	1	seq

Mature

Star

Sequence	Count	Category	Type
ugcaucugucuauauug <u>uacc</u> cug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> gaaagga <u>agu</u> ggguca <u>caa</u> uu <u>c</u> g <u>u</u> ac <u>u</u> aggg <u>gaa</u> uu <u>agu</u> agu <u>g</u> acacaa <u>ac</u> uacagg <u>u</u> cacac			
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>C</u> aa <u>u</u> u <u>g</u>	3	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>G</u> u <u>g</u>	2	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>U</u>	55	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	4	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u> A.....	3017	1	seq
.....uacc <u>c</u> u <u>C</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	13	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>C</u> u <u>g</u>	29	1	seq
.....u <u>A</u> acc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	40	1	seq
.....uac <u>G</u> c <u>u</u> g <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	15	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> U <u>g</u> aa <u>u</u> u <u>g</u>	145	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>G</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	46	1	seq
.....uac <u>A</u> c <u>u</u> g <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	63	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>C</u> aa <u>u</u> u <u>g</u>	26	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>G</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	42	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	4	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	40	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>A</u> lc <u>g</u> aa <u>u</u> u <u>g</u>	52	1	seq
.....u <u>C</u> cc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>G</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	33	1	seq
.....uacc <u>G</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	6	1	seq
.....uacc <u>c</u> u <u>U</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	69	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>C</u> uc <u>g</u> aa <u>u</u> u <u>g</u>	15	1	seq
.....uacc <u>A</u> g <u>u</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	52	1	seq
.....uacc <u>c</u> g <u>u</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	8	1	seq
.....uacc <u>c</u> g <u>A</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	49	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	145	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	97	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	11	1	seq
.....Cacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	133	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	52	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	11	1	seq
.....uacc <u>c</u> u <u>A</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	17	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>U</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	19	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	355001	0	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	19	1	seq
.....uac <u>U</u> c <u>u</u> g <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	33	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u> C.....	42	1	seq
.....u <u>a</u> Gcc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	6	1	seq
.....uacc <u>c</u> g <u>C</u> ag <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	83	1	seq
.....uacc <u>c</u> g <u>G</u> ag <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	59	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>U</u> cg <u>aa</u> u <u>u</u> g.....	202	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>U</u>	85	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>A</u> u.....	6	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>A</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	38	1	seq
.....u <u>G</u> cc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	35	1	seq
.....u <u>a</u> Ucc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	28	1	seq
.....uacc <u>U</u> g <u>u</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	32	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>A</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	48	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>C</u> u.....	7	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>G</u> u.....	3	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>C</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	59	1	seq
.....u <u>U</u> cc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	9	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>C</u> aa <u>u</u> u <u>g</u>	30	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>C</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	6	1	seq
.....uacc <u>c</u> g <u>u</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	16	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u> G.....	208	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	16	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	22	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>C</u> g.....	19	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>A</u> aa <u>u</u> u <u>g</u>	44	1	seq
.....Gacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	240	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>C</u> au <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	10	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	6	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>U</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	27	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>U</u> aa <u>u</u> u <u>g</u>	56	1	seq
.....uacc <u>c</u> C <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	63	1	seq
.....Aacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	248	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>g</u>	16	1	seq
.....uacc <u>c</u> u <u>g</u> u <u>a</u> g <u>a</u> u <u>c</u> c <u>G</u> aa <u>u</u> u <u>A</u> g.....	5	1	seq

Mature

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Sequence	Count	Count	Category
ugcaucugucuauauug <u>uacc</u> cug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> g <u>uaa</u> agga <u>agu</u> gg <u>gu</u> ca <u>caa</u> uu <u>c</u> g <u>uau</u> c <u>uag</u> gg <u>gaa</u> uu <u>agu</u> g <u>uac</u> aca <u>aa</u> c <u>uac</u> ag <u>g</u> u <u>ca</u> cac			
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> U <u>auu</u> u <u>g</u>	2	1	seq
.....uacc <u>c</u> g <u>uag</u> U <u>ucc</u> g <u>aa</u> uu <u>u</u> g.....	9	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> g <u>u</u> A.....	2435	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	1	1	seq
.....uA <u>acc</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	7	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> C <u>au</u> u <u>u</u> g.....	4	1	seq
.....uacc <u>c</u> g <u>g</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	16	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	4	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> A <u>uu</u> u <u>g</u>	4	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> C <u>au</u> u <u>u</u> g.....	5	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	1	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	11	1	seq
.....uac <u>U</u> c <u>u</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	4	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> U <u>au</u> u <u>u</u> g.....	6	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	42	1	seq
.....uacc <u>c</u> A <u>g</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	1	1	seq
.....uacc <u>c</u> g <u>u</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	7	1	seq
.....uacc <u>c</u> g <u>A</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	8	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> C <u>g</u>	6	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> U <u>g</u>	10	1	seq
.....uacc <u>c</u> C <u>g</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	14	1	seq
.....uacc <u>c</u> g <u>uag</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	8	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u> U.....	2069	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	58955	0	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> A <u>g</u> aa <u>uu</u> u <u>g</u>	18	1	seq
.....uacc <u>c</u> U <u>u</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	11	1	seq
.....uacc <u>c</u> g <u>C</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	14	1	seq
.....uac <u>A</u> c <u>u</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	21	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> A <u>c</u> g <u>aa</u> uu <u>u</u> g.....	15	1	seq
.....C <u>acc</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	33	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> C <u>g</u>	4	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> G <u>au</u> u <u>u</u> g.....	5	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u> C.....	19	1	seq
.....uacc <u>U</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	4	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	36	1	seq
.....uac <u>G</u> c <u>u</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	1	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> A <u>g</u>	1	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u> A <u>g</u>	6	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	3	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	7	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u> C <u>g</u>	6	1	seq
.....uacc <u>A</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	9	1	seq
.....uacc <u>c</u> g <u>ua</u> U <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	4	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> G <u>u</u> g.....	1	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	7	1	seq
.....uacc <u>c</u> C <u>u</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	2	1	seq
.....A <u>acc</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	39	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> A <u>aa</u> uu <u>u</u> g.....	13	1	seq
.....uG <u>cc</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	5	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u> C <u>g</u>	1	1	seq
.....uU <u>cc</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	3	1	seq
.....uA <u>U</u> cc <u>g</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	3	1	seq
.....uA <u>G</u> cc <u>g</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	3	1	seq
.....uacc <u>c</u> g <u>uag</u> C <u>cc</u> g <u>aa</u> uu <u>u</u> g.....	1	1	seq
.....uacc <u>c</u> g <u>uag</u> C <u>cc</u> g <u>aa</u> uu <u>u</u> g.....	10	1	seq
.....G <u>acc</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	42	1	seq
.....uacc <u>c</u> g <u>ua</u> A <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	3	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u> A <u>u</u> g.....	14	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> G <u>u</u> g.....	1	1	seq
.....uacc <u>c</u> U <u>ag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	3	1	seq
.....uacc <u>c</u> g <u>u</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	7	1	seq
.....uacc <u>c</u> G <u>u</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	1	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> C <u>u</u> g.....	7	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> C <u>au</u> u <u>u</u> g.....	1	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u> C.....	148	1	seq
.....uacc <u>c</u> g <u>u</u> g <u>acc</u> g <u>aa</u> uu <u>u</u> g.....	2	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u> C <u>g</u>	8	1	seq
.....uacc <u>c</u> C <u>u</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	1	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> aa <u>uu</u> u <u>g</u>	7	1	seq
.....uacc <u>c</u> g <u>uag</u> acc <u>g</u> A <u>aa</u> uu <u>u</u> g.....	1	1	seq

Mature

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Sequence	Count	Score	Type
ugcaucugucuauauug <u>uacc</u> cug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> g <u>aa</u> ag <u>ga</u> ag <u>u</u> gg <u>gu</u> ca <u>caa</u> uu <u>c</u> g <u>ua</u> cu <u>ag</u> gg <u>ga</u> uu <u>agu</u> g <u>u</u> gacacaa <u>ac</u> ac <u>u</u> acag <u>g</u> uacac	22293	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> A.....	85	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> U.....	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	6	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	26075	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	5	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> G.....	4427	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	3	1	seq
.....uacA <u>c</u> u <u>g</u> uagacc <u>gaa</u> uu <u>ugu</u>	6	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	6	1	seq
.....Cacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	9	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> G.....	12	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	4	1	seq
.....Aacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	17	1	seq
.....uaG <u>c</u> c <u>u</u> g <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	3	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	6	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> A.....	159	1	seq
.....uacU <u>c</u> u <u>g</u> uagacc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	6	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	18	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> A.....	5	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	3	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> C.....	5	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	8	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....Gacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	14	1	seq
.....uGc <u>c</u> c <u>u</u> g <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....ual <u>c</u> c <u>u</u> g <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	3	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> G.....	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	39	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> A.....	385	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	67	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> Ca.....	3	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> G.....	3	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> C.....	2	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> U.....	101	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> A.....	7	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> U.....	3	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u> A.....	38	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	15	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	5	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	3	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	3	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	8	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	5	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	3	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	4	1	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	2	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	3	0	seq
.....uacccug <u>uag</u> acc <u>gaa</u> uu <u>ugu</u>	1	1	seq

Mature

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Sequence	Count	Score	Type
ugcaucugucuauauaug <u>acc</u> cug <u>ag</u> acc <u>g</u> aa <u>uu</u> ug <u>u</u> aa <u>ag</u> ga <u>ag</u> u <u>gg</u> g <u>u</u> ca <u>aa</u> uu <u>c</u> g <u>u</u> au <u>c</u> ag <u>g</u> g <u>g</u> aa <u>u</u> au <u>g</u> u <u>g</u> ac <u>ac</u> aa <u>ac</u> ac <u>u</u> ac <u>ag</u> g <u>u</u> ca <u>ca</u> c	247	0	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>c</u> g <u>a</u> aa <u>u</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> A.....	1	1	seq
.....G <u>c</u> cc <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u.....	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>c</u> g <u>a</u> aa <u>u</u> u.....	2	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>U</u> cc <u>g</u> aa <u>u</u> u.....	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u.....	1380	0	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> A.....	21	1	seq
.....acc <u>U</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u.....	1	1	seq
.....acc <u>c</u> g <u>A</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u.....	1	1	seq
.....C <u>c</u> cc <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u.....	1	1	seq
.....acc <u>c</u> g <u>u</u> aU <u>a</u> cc <u>g</u> aa <u>u</u> u.....	1	1	seq
.....acc <u>c</u> g <u>G</u> a <u>g</u> acc <u>g</u> aa <u>u</u> u.....	1	1	seq
.....ac <u>A</u> c <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u.....	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>g</u> aa <u>u</u> u.....	2	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> a <u>u</u> u.....	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	4827	0	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>C</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> a <u>U</u> u <u>u</u> g.....	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>C</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>C</u> u <u>g</u>	2	1	seq
.....acc <u>cu</u> A <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>U</u>	13	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>c</u> g <u>a</u> aa <u>u</u> u <u>g</u>	12	1	seq
.....a <u>A</u> cc <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	3	1	seq
.....G <u>c</u> cc <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	3	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>g</u> aa <u>u</u> u <u>g</u>	4	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>A</u>	14	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> G <u>a</u> aa <u>u</u> u <u>g</u>	2	1	seq
.....acc <u>c</u> g <u>A</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acU <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> g <u>C</u> a <u>g</u> acc <u>g</u> aa <u>u</u> u <u>g</u>	4	1	seq
.....U <u>c</u> cc <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	2	1	seq
.....acc <u>c</u> g <u>G</u> a <u>g</u> acc <u>g</u> aa <u>u</u> u <u>g</u>	2	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> U <u>a</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> A <u>g</u> a <u>g</u> acc <u>g</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> aU <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>g</u> aa <u>u</u> u <u>g</u>	4	1	seq
.....ac <u>A</u> c <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> C <u>g</u> a <u>g</u> acc <u>g</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> U <u>a</u> aa <u>u</u> u <u>g</u>	10	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>c</u> g <u>a</u> aa <u>u</u> u <u>g</u>	7	1	seq
.....acc <u>cu</u> C <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	2	1	seq
.....acc <u>c</u> C <u>g</u> a <u>g</u> aacc <u>g</u> aa <u>u</u> u <u>g</u>	20	1	seq
.....acc <u>c</u> g <u>u</u> aA <u>a</u> acc <u>g</u> aa <u>u</u> u <u>g</u>	3	1	seq
.....G <u>c</u> cc <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	50	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>C</u> u <u>g</u>	4	1	seq
.....acc <u>c</u> g <u>C</u> a <u>g</u> aacc <u>g</u> aa <u>u</u> u <u>g</u>	11	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> ccU <u>a</u> aa <u>u</u> u <u>g</u>	6	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	64468	0	seq
.....C <u>c</u> cc <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	10	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>A</u> u <u>g</u>	3	1	seq
.....acc <u>c</u> g <u>u</u> G <u>g</u> aacc <u>g</u> aa <u>u</u> u <u>g</u>	8	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>C</u> u <u>g</u>	7	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>U</u>	17	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> C <u>a</u> aa <u>u</u> u <u>g</u>	8	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> a <u>u</u> u <u>g</u>	7	1	seq
.....a <u>A</u> cc <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	8	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u> C.....	12	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>c</u> g <u>a</u> aa <u>u</u> u <u>g</u>	1	1	seq
.....acc <u>cu</u> A <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	6	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u> A.....	1068	1	seq
.....ac <u>A</u> c <u>u</u> g <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	8	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>g</u> aa <u>u</u> u <u>g</u>	58	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> U <u>c</u> g <u>a</u> aa <u>u</u> u <u>g</u>	112	1	seq
.....accU <u>g</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	3	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>C</u> u <u>g</u>	7	1	seq
.....acc <u>cu</u> U <u>a</u> g <u>a</u> cc <u>g</u> aa <u>u</u> u <u>g</u>	10	1	seq
.....acc <u>c</u> g <u>u</u> ag <u>a</u> cc <u>g</u> aa <u>u</u> G <u>u</u>	1	1	seq

Mature

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Sequence	Count	Value	Category
ugcaucugucuauauaug <u>uaccuguaagaccgaaauuuguguaaaggaaguuggguca</u> caaa <u>uucguaucuaaggggaauu</u> auguagugacacaaacacacagggucacac			
.....accuguaagaccgGauuugu.....	14	1	seq
.....aGccuguaagaccgaaauuugu.....	2	1	seq
.....accuguaagaccgaaauuugu.....	5	1	seq
.....accuguaCauccgaaauuugu.....	3	1	seq
.....accuguaagaccgaaauuugu.....	2	1	seq
.....accuguaagaccgUuuugu.....	4	1	seq
.....aUccuguaagaccgaaauuugu.....	23	1	seq
.....accAGuaagaccgaaauuugu.....	5	1	seq
.....accuguaagaccgCuuugu.....	1	1	seq
.....Uccuguaagaccgaaauuugu.....	6	1	seq
.....accuguaUauccgaaauuugu.....	7	1	seq
.....accuguaagaccCaaauuugu.....	2	1	seq
.....accuguaagaccgaaAuugu.....	10	1	seq
.....accuguaagaccgaaauuugG.....	64	1	seq
.....accuguaagaccgaaGuugu.....	1	1	seq
.....accAGuaagaccgaaauuugu.....	16	1	seq
.....accuguaagaccgaaauuugu.....	6	1	seq
.....accuguaagaccgaaauuCu.....	2	1	seq
.....accuguaagaccgaaauuugu.....	6	1	seq
.....accugAagaccgaaauuugu.....	11	1	seq
.....accGguaagaccgaaauuugu.....	1	1	seq
.....accuguaagaccAaaauuugu.....	4	1	seq
.....accuguaagaccgaaauuugu.....	2	1	seq
.....accugGagaccgaaauuugu.....	13	1	seq
.....accuguaagaccgaaauuugu.....	1	1	seq
.....acUcuguaagaccgaaauuugu.....	14	1	seq
.....accuguaagaccgaaauuugu.....	7	1	seq
.....accuguaagaccgaaauuAu.....	5	1	seq
.....accuguaagaccgaaauuGgu.....	2	1	seq
.....accuguaagaccgaaauuugu.....	21	1	seq
.....accugCagaccgaaauuugug.....	12	1	seq
.....accuguaagaccgaaGuugug.....	2	1	seq
.....accuguaCauccgaaauuugug.....	1	1	seq
.....Gccuguaagaccgaaauuugug.....	39	1	seq
.....accuguaagaccgaaGuuugug.....	5	1	seq
.....accuguaagaccgaaauuugug.....	7	1	seq
.....accuguaagaccgaaGuugug.....	3	1	seq
.....accuguaagaccgaaauuugug.....	6	1	seq
.....accuguaAaaccgaaauuugug.....	1	1	seq
.....accuguaagaccgaaauuugug.....	7	1	seq
.....accuguaagaccgaaAuugug.....	27	1	seq
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.....accuguaagaccgaaauuugug.....	2	1	seq
.....Uccuguaagaccgaaauuugug.....	8	1	seq
.....accuguaagaccgaaauuugug.....	4	1	seq
.....accCguaagaccgaaauuugug.....	11	1	seq
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.....accuguaagaccUaaauuugug.....	6	1	seq
.....accuguaagaccAaaauuugug.....	4	1	seq
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.....accugAagaccgaaauuugug.....	5	1	seq
.....accuguaagaccgaaauuugug.....	1	1	seq
.....accAGuaagaccgaaauuugug.....	2	1	seq
.....accUguaagaccgaaauuugug.....	3	1	seq
.....accuguaagaccgaaauuugAg.....	7	1	seq
.....aAccuguaagaccgaaauuugug.....	7	1	seq
.....accuguaagaccgaaauuugug.....	8	1	seq
.....accuguaagaccgaaauuugug.....	13	1	seq
.....accCguaagaccgaaauuugug.....	8	1	seq
.....accuguaagaccgaaCuugug.....	6	1	seq
.....accuguaagaccgaaauuugug.....	2	1	seq
.....accuguaagaccgaaauuUug.....	13	1	seq
.....accuguaagaccgaaauuAug.....	3	1	seq
.....accuguaagaccgaaauuuguU.....	213	1	seq
.....accuguaagaccgaaauuugCg.....	8	1	seq
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Mature

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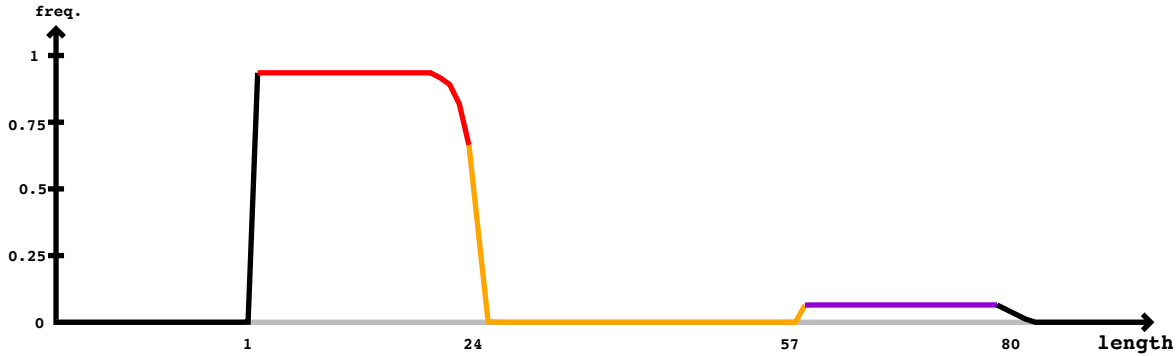
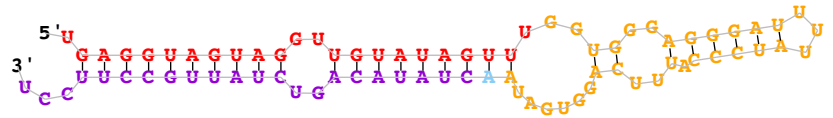
Sequence	Count	Category	Type
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.....acc <u>cg</u> uagau <u>ccg</u> a <u>Uuu</u> ug <u>g</u>	6	1	seq
.....acc <u>cg</u> ua <u>U</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u>	9	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> Ag <u>g</u>	1	1	seq
.....acc <u>cg</u> uagau <u>cc</u> Ca <u>uuu</u> ug <u>g</u>	3	1	seq
.....ac <u>G</u> cuagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	1	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> Ca <u>uu</u> ug <u>g</u>	2	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> U <u>auuu</u> ug <u>g</u>	2	1	seq
.....acc <u>cu</u> Auagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	8	1	seq
.....acc <u>cg</u> uagau <u>Ac</u> gaa <u>uu</u> ug <u>g</u>	10	1	seq
.....acc <u>cg</u> Gagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	14	1	seq
.....acc <u>cg</u> uagau <u>Uc</u> gaa <u>uu</u> ug <u>g</u>	27	1	seq
.....a <u>U</u> cc <u>g</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	1	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>G</u>	32	1	seq
.....acc <u>A</u> guagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	6	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>u</u> Aug <u>g</u>	2	1	seq
.....C <u>cc</u> cuagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	3	1	seq
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.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> Cug <u>g</u>	2	1	seq
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.....acc <u>cg</u> uagau <u>ccg</u> Ga <u>uuu</u> ug <u>g</u>	1	1	seq
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.....C <u>cc</u> cuagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	2	1	seq
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.....acc <u>cg</u> uaga <u>Gcc</u> aa <u>uu</u> ug <u>g</u>	1	1	seq
.....acc <u>cg</u> ua <u>U</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u>	2	1	seq
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.....acc <u>cu</u> Cuagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	1	1	seq
.....a <u>l</u> cc <u>u</u> gagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	3	1	seq
.....acc <u>cu</u> Uuagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	1	1	seq
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.....G <u>cc</u> cuagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	11	1	seq
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.....acc <u>cg</u> uagau <u>ccg</u> aa <u>G</u> uu <u>g</u>	1	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> a <u>Uuu</u> ug <u>g</u>	1	1	seq
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.....acc <u>cg</u> ua <u>g</u> U <u>ccg</u> aa <u>uu</u> ug <u>g</u>	1	1	seq
.....acc <u>cg</u> uagau <u>c</u> U <u>g</u> aa <u>uu</u> ug <u>g</u>	9	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>G</u> g.....	10	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>u</u> Au.....	50	1	seq
.....acc <u>A</u> guagau <u>ccg</u> aa <u>uu</u> ug <u>g</u>	2	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>g</u> Ca.....	2	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>g</u> G.....	3	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>g</u> a.....	57	0	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>g</u> Aa.....	1241	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>g</u> C.....	2	1	seq
.....acc <u>cg</u> uagau <u>ccg</u> aa <u>uu</u> ug <u>u</u> Cua.....	1	1	seq

Mature

Star

ugcaucugucuauauug <u>acc</u> cugau <u>ccg</u> aa <u>uu</u> ug <u>u</u> aa <u>agga</u> ag <u>u</u> gg <u>g</u> uca <u>ca</u> aa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> aa <u>uu</u> agu <u>ag</u> u <u>g</u> acacaa <u>ac</u> acacag <u>g</u> ucacac			
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u> U.....	27	1	seq
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> Ga.....	23	1	seq
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u> aa.....	13	1	seq
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u> aa.....	5	0	seq
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> Aaa.....	69	1	seq
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> Gaa.....	1	1	seq
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u> aa.....	2	1	seq
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u> g <u>u</u> U.....	4	1	seq
.....accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u> g <u>u</u> aa <u>g</u>	1	0	seq
.....Accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	1	1	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	23	0	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> Cu <u>g</u>	1	1	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u>	9	0	seq
.....Accu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	1	1	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	14	0	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> A.....	12	1	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> G.....	5	1	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> Aa.....	1	1	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	15	0	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u>	6	0	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> A.....	4	1	seq
.....ccu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	3	0	seq
.....cu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	2	0	seq
.....cu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u>	1	0	seq
.....cu <u>g</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	1	0	seq
.....ugu <u>ag</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u>	4	0	seq
.....ugu <u>ag</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> G.....	2	1	seq
.....ugu <u>ag</u> au <u>ccg</u> aa <u>uu</u> ug <u>u</u>	1	0	seq
.....ugu <u>ag</u> au <u>ccg</u> aa <u>uu</u> ug <u>g</u> A.....	1	1	seq
.....gu <u>ag</u> au <u>ccg</u> aa <u>uu</u> Cu <u>g</u>	3	1	seq
.....acaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> ga.....	1	0	seq
.....acaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaUu.....	1	1	seq
.....acaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	3	0	seq
.....acaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	1	1	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> ga.....	12	0	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaU.....	4	1	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa.....	12	0	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaC.....	1	1	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaCu.....	2	1	seq
.....caaa <u>uu</u> cU <u>u</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	1	1	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>A</u>	15	1	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaUu.....	1	1	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	196	0	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	64	1	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>Aa</u>	2	1	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>ua</u>	3	0	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>ua</u>	1	0	seq
.....caaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	4	1	seq
.....aaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa.....	1	0	seq
.....aaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	24	0	seq
.....aaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>ua</u>	3	0	seq
.....aaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	1	1	seq
.....aaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	1	1	seq
.....aaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	1	0	seq
.....aaa <u>uu</u> c <u>g</u> au <u>c</u> ag <u>gg</u> gaa <u>u</u>	1	1	seq

Provisional ID : mun-let-7a-4
 Score total : 1074.4
 Score for star read(s) : 3.9
 Score for read counts : 1063.6
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 2098
 Mature read count : 1962
 Loop read count : 0
 Star read count : 136



Mature

Star

5'	reads	mm	sample	obs	exp
cuguacugcucuguggaggugagguaguagguuguaauaguuuuggugggagggauuuuuucccauuucagguguaa	1	1	seq		
cuguacugcucucuguggaggugagguaguagguuguaauaguuuuggugggagggauuuuuucccauuucagguguaa	1	1	seq		
.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....	37	1	seq		
.....gugagguaguagguuugAuuagu.....	1	1	seq		
.....ugaggGaguagguuguaaua.....	1	1	seq		
.....ugagguaguagguuguaauU.....	27	1	seq		
.....ugagguaguagguuguaaA.....	1	1	seq		
.....ugagguaguagguuAguauag.....	1	1	seq		
.....ugagguagGagguuguaauag.....	1	1	seq		
.....ugaggGaguagguuguaauag.....	3	1	seq		
.....ugagguaguagguuguaauU.....	17	1	seq		
.....ugagguGguagguuguaauag.....	1	1	seq		
.....ugagguaguagguuguaauUg.....	1	1	seq		
.....ugaggAaguagguuguaauag.....	2	1	seq		
.....ugagguaguagguuAguauagu.....	1	1	seq		
.....ugagguaguagguGguauagu.....	2	1	seq		
.....ugaggCaguagguuguaauagu.....	8	1	seq		
.....ugagguagGagguuguaauagu.....	1	1	seq		
.....ugagguaguagguuguaauagA.....	62	1	seq		
.....ugaggAaguagguuguaauagu.....	9	1	seq		
.....ugagguagAagguuguaauagu.....	1	1	seq		
.....ugaggGaguagguuguaauagu.....	14	1	seq		
.....ugagguaguagguuguaCagu.....	1	1	seq		
.....ugagguUguagguuguaauagu.....	1	1	seq		
.....ugagguaguagguuguaauUu.....	8	1	seq		
.....ugagguaCuagguuguaauagu.....	1	1	seq		
.....ugagguaguagguuugAuuagu.....	2	1	seq		
.....ugagguaguagguuguaaAu.....	4	1	seq		
.....Ggagguaguagguuguaauagu.....	6	1	seq		
.....ugagguaguagguuAguauagu.....	1	1	seq		
.....ugagguaguuaAguuguaauagu.....	1	1	seq		
.....uCagguaguagguuguaauagu.....	1	1	seq		
.....ugagguaguagguuuguGuagu.....	2	1	seq		
.....Cgagguaguagguuguaauagu.....	2	1	seq		
.....ugagguaguagguuCuaauagu.....	2	1	seq		

Mature

Star

cuguacugcucugggaggugagguaguagguuguuaguuugggggaggguuuuuaucccauuucagguguaa

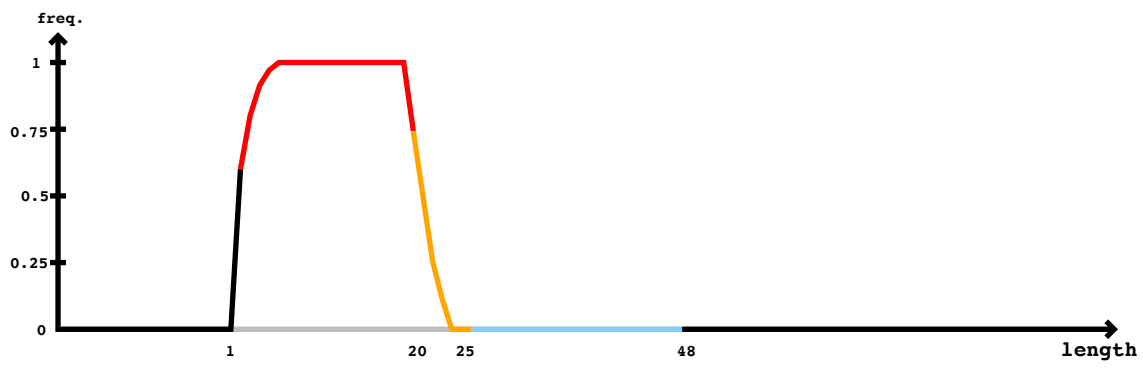
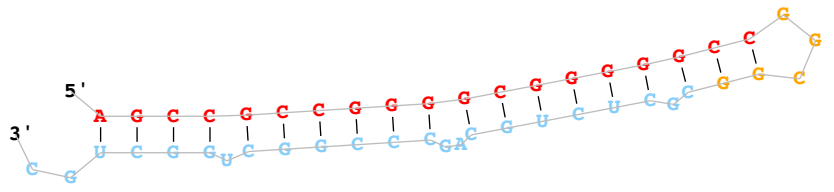
.....ugagUuaguagguuguauagu.....	1	1	seq
.....ugagguaguauuguuguauagu.....	3	1	seq
.....uUagguaguagguuguauagu.....	3	1	seq
.....ugaUguaguagguuguauagu.....	1	1	seq
.....ugagguaguaggCuguauagu.....	1	1	seq
.....ugagguaguagguuguauagu.....	1	1	seq
.....ugUgguaguagguuguauagu.....	1	1	seq
.....ugGgguaguagguuguauagu.....	2	1	seq
.....ugagguaguagguuguauagC.....	2	1	seq
.....ugagguaguagguuUuauagu.....	1	1	seq
.....Agagguaguagguuguauagu.....	1	1	seq
.....ugagguagCagguuguauagu.....	2	1	seq
.....ugagguaguagguuguauagG.....	2	1	seq
.....ugagguaguUgguuguauagu.....	1	1	seq
.....ugagguaguGgguuguauaguu.....	6	1	seq
.....ugagguaguagguuguauagu.....	2	1	seq
.....uUagguaguagguuguauaguu.....	5	1	seq
.....ugagCuaguagguuguauaguu.....	1	1	seq
.....ugagguaguagguuguauagGu.....	1	1	seq
.....ugaCguaguagguuguauaguu.....	1	1	seq
.....ugCgguaguagguuguauaguu.....	3	1	seq
.....ugagUuaguagguuguauaguu.....	4	1	seq
.....ugagguaguagguuguauaAuu.....	1	1	seq
.....ugagguagAagguuguauaguu.....	3	1	seq
.....ugagguaguagguuguauaCuu.....	11	1	seq
.....ugagguaguagguuguGuaguu.....	2	1	seq
.....ugagguaguagguGuuauaguu.....	14	1	seq
.....ugagguaguagguuguauGaguu.....	1	1	seq
.....ugagguaguagguuUuauaguu.....	5	1	seq
.....ugagguauCuagguuguauaguu.....	1	1	seq
.....ugagguaguCgguuguauaguu.....	1	1	seq
.....ugagguaguagguuAuauaguu.....	2	1	seq
.....ugaggGaguagguuguauaguu.....	43	1	seq
.....ugagguagCagguuguauaguu.....	6	1	seq
.....ugagguaguagguCguauaguu.....	3	1	seq
.....ugagguaguagguuguauaCu.....	2	1	seq
.....ugagguaguagguuguUuaguu.....	2	1	seq
.....ugagguagGagguuguauaguu.....	9	1	seq
.....Ggagguaguagguuguauaguu.....	17	1	seq
.....ugaUguaguagguuguauaguu.....	5	1	seq
.....ugagguaguagguuguauagAu.....	3	1	seq
.....ugagguaguUgguuguauaguu.....	2	1	seq
.....ugagguaguagguuguauCgu.....	1	1	seq
.....uAagguaguagguuguauaguu.....	2	1	seq
.....ugagguaguagguCuauaguu.....	3	1	seq
.....Agagguaguagguuguauaguu.....	18	1	seq
.....ugagguaguagguugCauaguu.....	5	1	seq
.....ugagguaguagCuugauaguu.....	6	1	seq
.....ugagguaguagguGauaguu.....	3	1	seq
.....ugagguaguaggCuguauaguu.....	11	1	seq
.....ugagguaguauUguuguauaguu.....	2	1	seq
.....ugaggCaguagguuguauaguu.....	23	1	seq
.....ugagguaguagguuguauaguC.....	3	1	seq
.....ugagguaguaggAuguauaguu.....	4	1	seq
.....ugaggAaguagguuguauaguu.....	32	1	seq
.....ugGgguaguagguuguauaguu.....	5	1	seq
.....ugagguGguagguuguauaguu.....	10	1	seq
.....ugagguUguagguuguauaguu.....	1	1	seq
.....ugagguaguagguuguauaUuu.....	7	1	seq
.....ugagguaguagguuguauagCu.....	4	1	seq
.....ugagguauUuagguuguauaguu.....	3	1	seq
.....Cgagguaguagguuguauaguu.....	13	1	seq
.....ugagguaguagguugAauaguu.....	1	1	seq
.....ugagguaguauCguuguauaguu.....	3	1	seq
.....ugUgguaguagguuguauaguu.....	2	1	seq
.....ugagguaguagguuguauagG.....	5	1	seq
.....ugagguaguagguuguauagAu.....	28	1	seq
.....ugagguaguagguuguauagCu.....	5	1	seq
.....ugagguaguagguuguauaguuG.....	79	1	seq
.....ugGgguaguagguuguauaguu.....	1	1	seq

Mature

Star

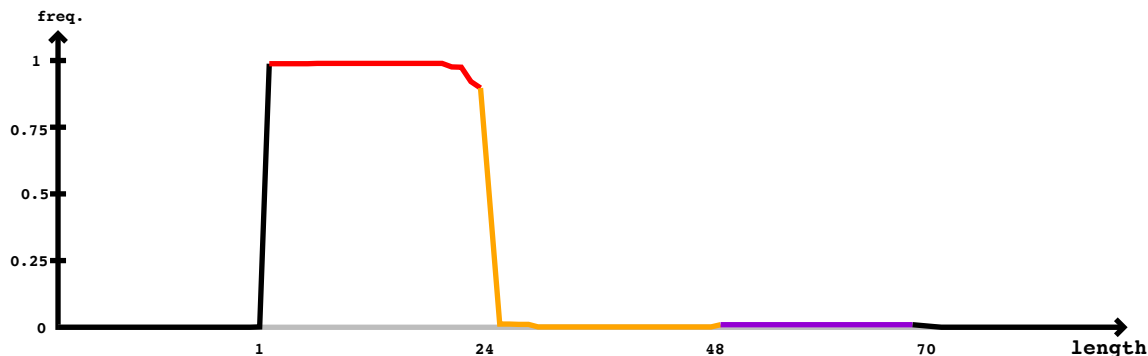
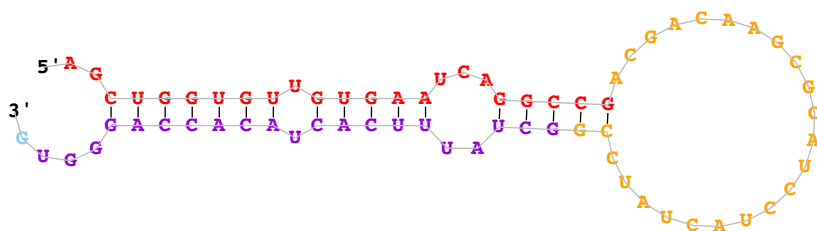
cuguacugcucuguggagg	ugagguaguagguuguaauagAuu	2	1	seq
.....	uAagguaguagguuguaauaguuu	1	1	seq
.....	ugaAguaguagguuguaauaguuu	1	1	seq
.....	Agagguaguagguuguaauaguuu	3	1	seq
.....	ugagguaguagguugCauaguuu	1	1	seq
.....	Cgagguaguagguuguaauaguuu	1	1	seq
.....	ugagguaguagguuguaauaguuu	4	1	seq
.....	ugagguagAagguuguaauaguuu	2	1	seq
.....	ugagguaguagguuguaauUguuu	1	1	seq
.....	ugaggGaguagguuguaauaguuu	14	1	seq
.....	ugagguagCagguuguaauaguuu	2	1	seq
.....	ugagguaguGgguuguaauaguuu	2	1	seq
.....	ugagguaguagguuguaauagCuu	3	1	seq
.....	ugaUguaguagguuguaauaguuu	5	1	seq
.....	ugagguaguagguuguaauaguuC	50	1	seq
.....	ugagguaguagguuUuaauaguuu	2	1	seq
.....	ugagguaguagguCguaauaguuu	1	1	seq
.....	ugagguaguagguuguaauaguuGu	3	1	seq
.....	ugagguagGagguuguaauaguuu	1	1	seq
.....	ugagguGguagguuguaauaguuu	4	1	seq
.....	ugaggAguagguuguaauaguuu	10	1	seq
.....	ugagguaguaUguuguaauaguuu	2	1	seq
.....	ugagguaguagguCuaauaguuu	3	1	seq
.....	ugagUuaguagguuguaauaguuu	1	1	seq
.....	ugaggCaguagguuguaauaguuu	6	1	seq
.....	ugagguaguagguuguaauaguuA	1139	1	seq
.....	ugagguaguagguGguaauaguuu	1	1	seq
.....	ugagguaguagguuguaauUuuu	1	1	seq
.....	ugagguaguagguuguaauCguuu	2	1	seq
.....	Ggagguaguagguuguaauaguuu	3	1	seq
.....	ugagguaguagAuuuguaauaguuug	1	1	seq
.....	ugagguaguagguuguaauaguuuC	4	1	seq
.....	ugagguaguagguuguaauGguuuug	1	1	seq
.....	ugagguaguagAuuuguaauaguuugg	3	1	seq
.....	ugagguaguagguuguaauaguuAaggu	1	1	seq
.....	.....cuauacagucuauuCCcuucc	1	1	seq
.....	.....cuauacagucuauugccuucU	1	1	seq
.....	.....Uuaucagucuauugccuuccu	1	1	seq
.....	.....cuauacagucuauugccuucUu	4	1	seq
.....	.....cuauacaAucuaugccuuccu	87	1	seq
.....	.....cuauacagucuauugccuuccA	4	1	seq
.....	.....cuauacagucuauugccuucUuu	1	1	seq
.....	.....cuauacaAucuaugccuuccuu	5	1	seq
.....	.....cuauacagucuauugccuuccuA	5	1	seq
.....	.....cuauacagucuauugccuuccAu	2	1	seq
.....	.....cuauacagucuauugccuuccuuU	24	1	seq
.....	.....uauacaAucuaugccuuccu	1	1	seq

Provisional ID : mun-novel78
 Score total : 1.8
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 35
 Mature read count : 35
 Loop read count : 0
 Star read count : 0



Mature		Star				
5'	gccuuuccuccucccgagcgccggggcgggggcgggcgggcgucucugcagccggcuggcugcggcuuccugcgguaaccucucuccgccggnnnnnnnnnnnnnnnnnnnnn			-3'	exp	
	.....((((((((((((((((((((((..)))))..)))))..)))))..)).....			reads	mm	sample
	.....Cgcgcggggcgggggcc.....			9	1	seq
	.....Cgcgcggggcgggggcc.....			10	1	seq
	.....Cgcgcggggcgggggccgg.....			2	1	seq
	.....gcccggggcgggggcc.....			6	0	seq
	.....gcccggggcgggggccλ.....			1	1	seq
	.....cgcgcggggcgggggccgg.....			2	0	seq
	.....cgcgcggggcgggggccggG.....			2	1	seq
	.....cgccggggcgggggccgg.....			1	0	seq
	.....cgccggggcgggggccggG.....			1	1	seq
	.....gcccggggcgggggccggG.....			1	1	seq

Provisional ID :mun-miR-138-2
 Score total : 430.1
 Score for star read(s) : 3.9
 Score for read counts : 419.7
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 835
 Mature read count : 826
 Loop read count : 1
 Star read count : 8

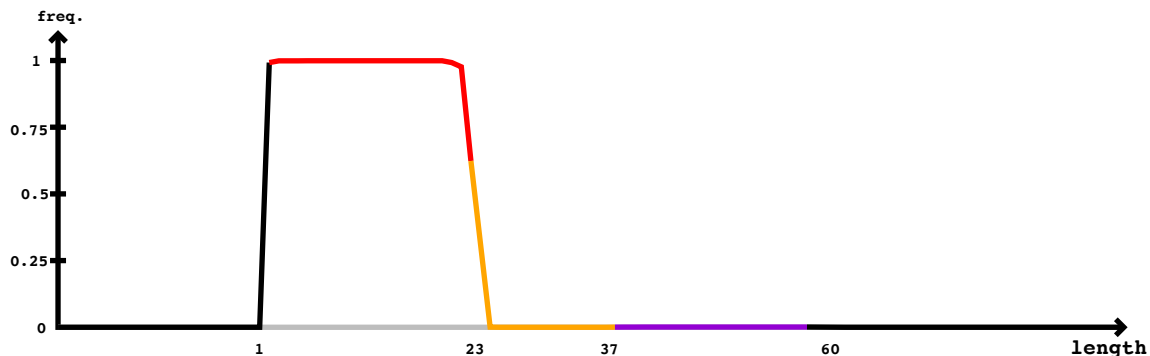
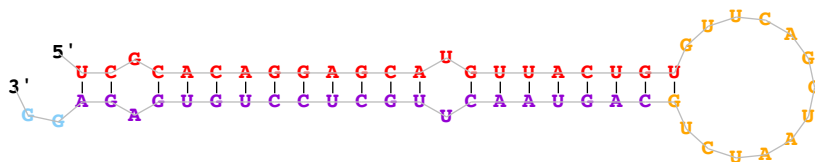


Mature

Star

5' -	obs	mm	sample
ggaccugguauuggugcugcagcugguguguugugaaucaaggccgacgacaagcgcauccuacuaucg	reads	mm	sample
ggaccugguauuggugcugcagcugguguguugugaaucaaggccgacgacaagcgcauccuacuaucg	1	0	seq
.....(((((((.....(((((((.....(((((((.....(((((((.....))))))))).....))))))))).....))))))))).....	1	0	seq
.....cagcugguguguugugaaucaaggcc.....	1	1	seq
.....agcuggGguugugaaucaag.....	10	0	seq
.....agcugguguguugugaaucaagg.....	1	0	seq
.....agcuggCguugugaaucaaggc.....	1	1	seq
.....agcugCuguugugaaucaaggc.....	1	1	seq
.....agcugguguguugugaaucaaggc.....	41	0	seq
.....agcugguguguugugaaucaaggU.....	2	1	seq
.....agcugguguguugugaaucaaggcc.....	17	0	seq
.....agcugguguguugugaaucaaggcU.....	2	1	seq
.....agcugguguguugugaaucaaggccA.....	27	1	seq
.....agcugguguguugugaaucaaggccU.....	4	1	seq
.....agcugguguguugugaaucaaggccg.....	705	0	seq
.....agcugguguguugugaaucaUgccg.....	1	1	seq
.....agcugguguguugugaaucaaggccgG.....	2	1	seq
.....agcugguguguugugaaucaaggccgacg.....	1	0	seq
.....agcugguguguugugaaucaaggccgacgac.....	8	0	seq
.....guguugugaaucaaggccg.....	1	0	seq
.....acgacaagcgcauccuacuaucg.....	1	0	seq
.....gcuuuuacacacaccagggU.....	5	0	seq
.....gcuuuuacacacaccagggUA.....	2	1	seq
.....gcuuuuacacacaccagggU.....	1	1	seq

Provisional ID : mun-miR-1451
Score total : 2197.9
Score for star read(s) : 3.9
Score for read counts : 2186.8
Score for mfe : 2.7
Score for randfold : 1.6
Score for cons. seed : 3
Total read count : 4301
Mature read count : 4297
Loop read count : 0
Star read count : 4



Mature **Star**

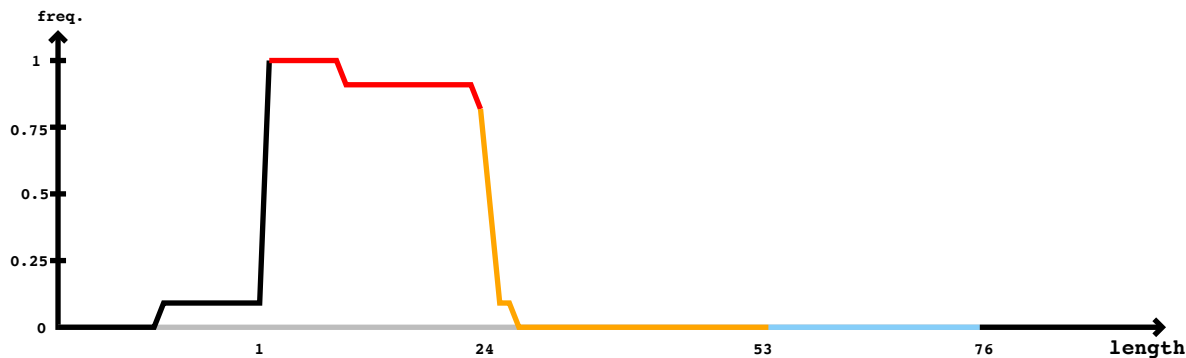
```
5' - caagcacaggagcugcugccucgcacaggagcauguuacugugucagcuaaucugcaguaaucuccugugagagguggcgccuccggcuccaaccugcuuuuuu -3'  obs
caagcacaggagcugcugccucgcacaggagcauguuacugugucagcuaaucugcaguaaucuccugugagagguggcgccuccggcuccaaccugcuuuuuu  exp
..(((.(((((((((((.(((.(((((((((((.(((((((((((.(((((((((((.(((((((((((.(((((((((((.(((((((((((.(((((((((((.(((((((((((.)))))))))..)))))))))
.....ucgcacaggagcauguuac.....reads      mm      sample
.....ucgcGcaggagcauguuacu.....1          1          seq
.....ucgcacaggagcauguuacu.....67         0          seq
.....ucgcacaggagUauguuacu.....1          1          seq
.....Ccgcacaggagcauguuacug.....1          1          seq
.....ucgcacaggagUauguuacug.....1          1          seq
.....ucgGacaggagcauguuacug.....1          1          seq
.....ucgcacaggagcauguuacuC.....2          1          seq
.....ucgcacaggagcauguuGcug.....1          1          seq
.....ucgcacaggagcauguuaAug.....1          1          seq
.....ucgcacaggagcauguGacug.....1          1          seq
.....ucgcacaggagcauguuacug.....1494       0          seq
.....ucgcacaggagcauguuacuU.....2          1          seq
.....Gcgcacaggagcauguuacug.....3          1          seq
.....ucgcacaggagcauguuacGg.....4          1          seq
.....ucUcacaggagcauguuacug.....1          1          seq
.....ucgcacaggaCcauguuacug.....1          1          seq
.....Acgcacaggagcauguuacugu.....1          1          seq
.....ucgAacaggagcauguuacugu.....2          1          seq
.....uAgcacaggagcauguuacugu.....1          1          seq
.....ucgcacaggagcaCguuacugu.....1          1          seq
.....ucgcacaggagcauguuacugG.....6          1          seq
.....ucgUacaggagcauguuacugu.....1          1          seq
.....ucgcacaggagcauguuacugA.....9          1          seq
.....ucgcacaggagcauguuacugu.....2499      0          seq
.....ucgcacaggGgcauguuacugu.....1          1          seq
.....ucgcacagUagcauguuacugu.....1          1          seq
.....Gcgcacaggagcauguuacugu.....1          1          seq
.....ucgcacaggagcaugAuacugu.....1          1          seq
.....ucgcacaggagcauguuacugC.....2          1          seq
.....ucgcacaggagUauguuacugu.....2          1          seq
.....ucAcacaggagcauguuacugu.....1          1          seq
.....ucgcacaggagAauguuacugu.....1          1          seq
```

Mature

Star

caagcacaggagcugcugccucg	cacaggagcauguuacuguguucagcuaaucug	caguaacuugcuccugagagaggugcgccuccuggcuccaaccugcuuuuu			
.....ucgcacaggaCcauguuacugu.....			4	1	seq
.....ucgcGcaggagcauguuacugu.....			1	1	seq
.....ucgcacaggagcauAuuacugu.....			1	1	seq
.....ucgcacaggagcauguuacuguU.....			65	1	seq
.....ucgcacaggagcauguuacuguA.....			54	1	seq
.....ucgcacaggagcauguuacuguAu.....			1	1	seq
.....ucgcacaggagcauguuacuguUu.....			1	1	seq
.....cgcacaggagUauguuacug.....			1	1	seq
.....cgcacaggagcauguuacug.....			4	0	seq
.....cgcacaggagcauguuacugu.....			21	0	seq
.....cgcacaggagcauguuacugug.....			1	0	seq
.....cgcacaggagcauguuacuguU.....			1	1	seq
.....acaggagcauguuacugu.....			1	0	seq
.....caguaacuugcuccugugaga.....			2	0	seq
.....aguaacuugcuccugugagaggu.....			1	0	seq
.....uaacuugcuccugugagagg.....			1	0	seq

Provisional ID : mun-novel7
 Score total : 0.8
 Score for star read(s) : -1.3
 Score for read counts : -0.8
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 10
 Mature read count : 10
 Loop read count : 0
 Star read count : 0

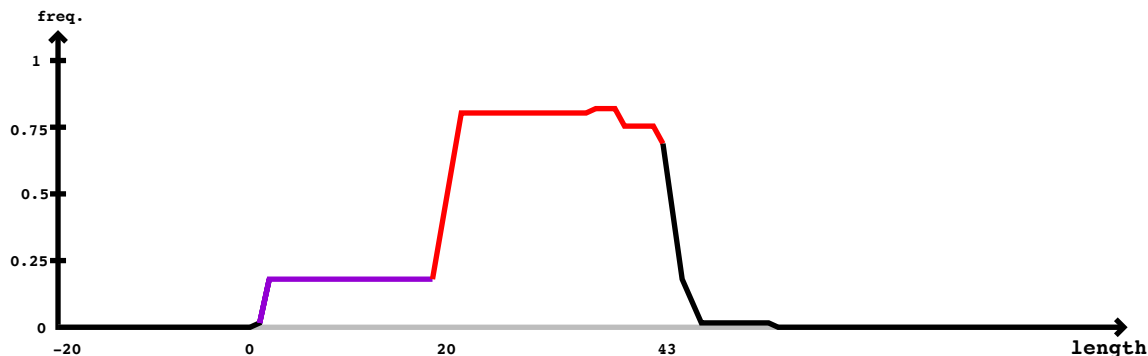
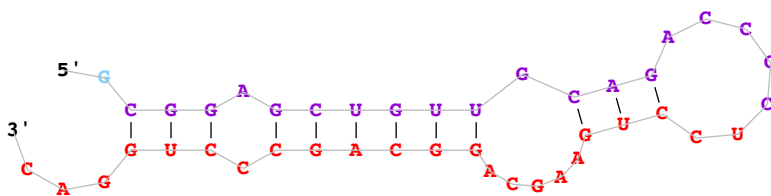


Mature

Star

5' -	Sequence	-3'	exp	reads	mm	sample
	gcuggagggguaggaaggcuc <u>ugcagaggcaucuggacaggccc</u> auugugugagguucaacagcuguacuugg <u>uccugcacuugggccuccugcacu</u> ugggccacaacaaccuca			1	0	seq
	.....uaggaaggcucugcagagg.....			1	0	seq
	.....ugcagaggcaucuggacaggcc.....			8	0	seq
	.....ugcagaggcaucuggacaggccc.....			1	0	seq

Provisional ID : mun-novel72
 Score total : 27.4
 Score for star read(s) : 3.9
 Score for read counts : 24.6
 Score for mfe : 1.7
 Score for randfold : -2.2
 Score for cons. seed : -0.6
 Total read count : 60
 Mature read count : 49
 Loop read count : 0
 Star read count : 11



Star Mature

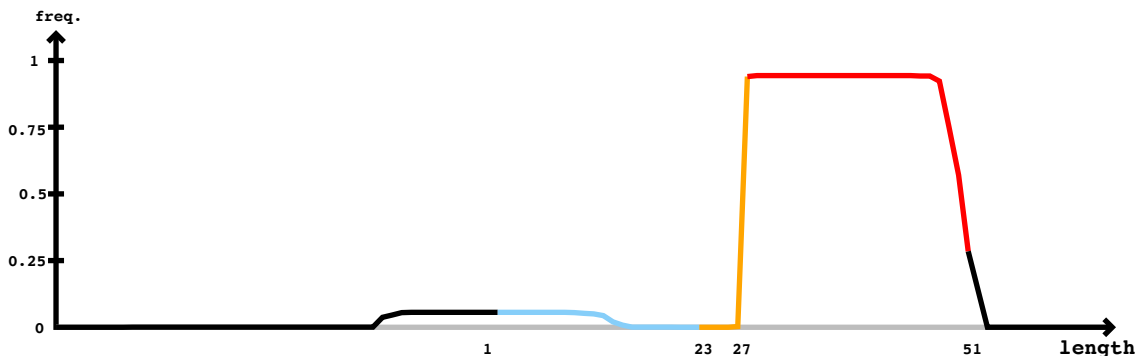
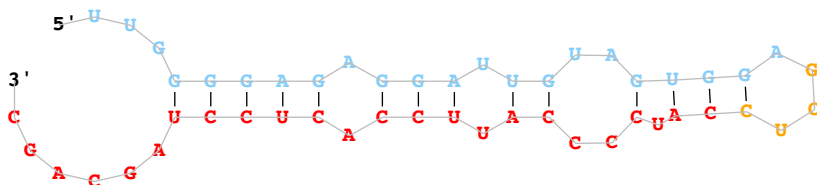
5' -	Star	Mature	-3'	obs	mm	sample			
ccuggagc	gaguucaaggug	cgagcuguugcagacccc	uccugaagcaggcagccc	uggacac	caugcugcuggcaccac	aucuugugccccgugaugggcacagcuga	reads	mm	sample
ccuggagc	gaguucaaggug	cgagcuguugcagacccc	uccugaagcaggcagccc	uggacac	caugcugcuggcaccac	aucuugugccccgugaugggcacagcuga	1	0	seq
..(((	(((	(((	(((	(((	(((	(((	1	1	seq
.....	gaggagcuguugcagacccc	.....	.....	.....	.....	.....	9	0	seq
.....	cAgagcuguugcagacccc	.....	.....	.....	.....	.....	4	0	seq
.....	cgagcuguugcagacccc	.....	.....	.....	.....	.....	4	0	seq
.....	uccugaagcaggcagccc	.....	.....	.....	.....	.....	15	0	seq
.....	uccugaagcaggcagcccuggaA	.....	.....	.....	.....	.....	1	1	seq
.....	uccugaagcaggcagcccuggCc	.....	.....	.....	.....	.....	5	1	seq
.....	uccugaagcaggcagcccCggac	.....	.....	.....	.....	.....	3	1	seq
.....	uccugaagcaggcagcccuggacU	.....	.....	.....	.....	.....	2	1	seq
.....	uccugaagcaggcagcccuggaca	.....	.....	.....	.....	.....	3	0	seq
.....	uccugaagcaggcagcccuggaAa	.....	.....	.....	.....	.....	1	1	seq
.....	uccugaagcaggcagcccCggaca	.....	.....	.....	.....	.....	1	1	seq
.....	uccugaagcaggcagcccuggacac	.....	.....	.....	.....	.....	2	0	seq
.....	uccugaagcaggcagcccuggacaU	.....	.....	.....	.....	.....	1	1	seq
.....	uccugaagcaggcagcccuggacac	.....	.....	.....	.....	.....	1	1	seq
.....	uccugaagcaggcagcccCggacac	.....	.....	.....	.....	.....	1	1	seq
.....	uccugaagcaggcagcccuggacacU	.....	.....	.....	.....	.....	1	1	seq
.....	uccugaagcaggcagcccuggacaca	.....	.....	.....	.....	.....	4	0	seq
.....	cccuggacac	caugcugcug	.....	.....	.....	.....	1	0	seq

Star

Mature

aaggagagcugacagggcagguuuuuucucagcucacaucgguguaaauccagagcaacuccacugaga	uucacaccagagGaacugagagc	1	1	seq
.....	.....	1	1	seq
.....	.....	1	1	seq
.....	.....	4	1	seq
.....	.....	1	1	seq
.....	.....	8	1	seq
.....	.....	314	1	seq
.....	.....	3	0	seq
.....	.....	1	1	seq
.....	.....	1	0	seq
.....	.....	10	1	seq
.....	.....	58	0	seq
.....	.....	1	1	seq
.....	.....	4	1	seq
.....	.....	47	1	seq
.....	.....	2	0	seq
.....	.....	3	1	seq

Provisional ID : mun-miR-2954
 Score total : 1.4
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.9
 Score for randfold : -2.2
 Score for cons. seed : 3
 Total read count : 1770
 Mature read count : 1770
 Loop read count : 0
 Star read count : 0



Star
Mature

5' -		-3'	exp	sample
ccggcagugaaaugagucugggcuugggagcagugcugagagggc <u>uuggggagaggaauguagugga</u> gcu <u>ccauccccaauccacuccuagc</u> agcucucuggccauccu			reads	mm
.....gugaaaugagucugggcuugggagcagu.....			1	0
.....ugcugagagggcuuggggag.....			2	0
.....ugcugagagggcuuggggaaA.....			2	1
.....ugcugagagggcuuggggaga.....			3	0
.....ugcugagagggcuuggggagaU.....			1	1
.....ugcugagagggcuuggggagaA.....			2	1
.....ugcugagagggcuuggggagag.....			1	0
.....ugcugagagggcuuggggagagA.....			1	1
.....ugcugagagggcuuggggagagg.....			6	0
.....ugcugagagggcuuggggagagU.....			2	1
.....ugcugagagggcuuggggagaggU.....			1	1
.....ugcugagagggcuuggggagaggA.....			27	0
.....ugcugagagggcuuggggagaggau.....			15	0
.....ugcugagagggcuuggggagaggaa.....			2	1
.....ugcugagagggcuuggggagaggauu.....			4	0
.....gcugagagggcuuggggagagg.....			1	0
.....gcugagagggcuuggggagaggga.....			13	0
.....gcugagagggcuuggggagagggaA.....			1	1
.....gcugagagggcuuggggagagggaau.....			2	0
.....cugagagggcuuggggagagg.....			2	0
.....cugagagggcuuggggagaggga.....			3	0
.....cugagagggcuuggggagagggaau.....			7	0
.....cugagagggcuuggggagagggaauu.....			3	0
.....cugagagggcuuggggagagggaA.....			1	1
.....cugagagggcuuggggagagggauguagu.....			1	0
.....ugagagggcuuggggagaggga.....			1	0
.....ugagagggcuuggggagagggaau.....			1	0
.....ccauccccaauccacuccuagc.....			4	0
.....ccauccccaauccacuccuagcU.....			1	1
.....cauccccaauccacuccu.....			3	0
.....cauccccaauccacuccuag.....			36	0
.....cauccccaauccacuccuagU.....			1	1
.....cauccccaauccacuccuagc.....			305	0
.....cauccccaauccacuccuagA.....			12	1

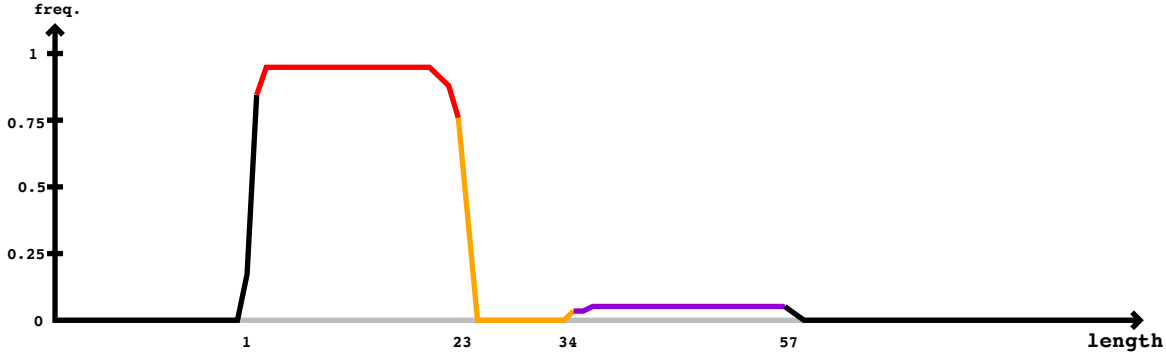
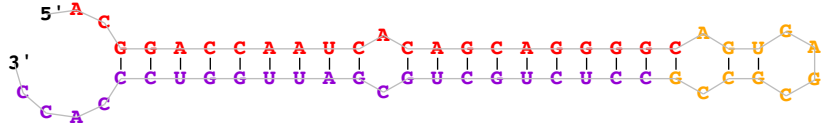
Star

Mature

ccggcagugaaaugagucugggcuuggagcagugcugagagggc <u>u</u> ggggagaggauuguagugga <u>g</u> cu <u>ca</u> u <u>ccc</u> au <u>ccc</u> ac <u>ucc</u> ac <u>ucc</u> agcag <u>c</u> ucucuggcca <u>ucc</u>			
.....U <u>au</u> ccc <u>cau</u> ccc <u>ac</u> ucc <u>ca</u> g.....	1	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>A</u>	19	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u>	288	0	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>U</u>	21	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>G</u>	5	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>U</u>	51	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>g</u>	376	0	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>C</u>	43	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>A</u>	64	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>U</u> <u>g</u>	1	1	seq
..... <u>ca</u> <u>C</u> ccc <u>cau</u> ccc <u>ac</u> ucc <u>ag</u> <u>ca</u> <u>g</u>	1	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>G</u>	1	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>C</u>	17	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>U</u>	440	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>A</u>	24	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>G</u>	7	0	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>U</u> <u>u</u>	39	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>C</u> <u>cu</u>	1	1	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>g</u> <u>cu</u>	1	0	seq
..... <u>ca</u> u <u>ccc</u> cau <u>ccc</u> ac <u>ucc</u> ag <u>ca</u> <u>g</u> <u>A</u>	1	1	seq
..... <u>au</u> ccc <u>cau</u> ccc <u>ac</u> ucc <u>ag</u> <u>c</u>	1	0	seq
..... <u>au</u> ccc <u>cau</u> ccc <u>ac</u> ucc <u>ag</u> <u>ca</u>	3	0	seq
..... <u>au</u> ccc <u>cau</u> ccc <u>ac</u> ucc <u>ag</u> <u>ca</u> <u>U</u>	3	1	seq

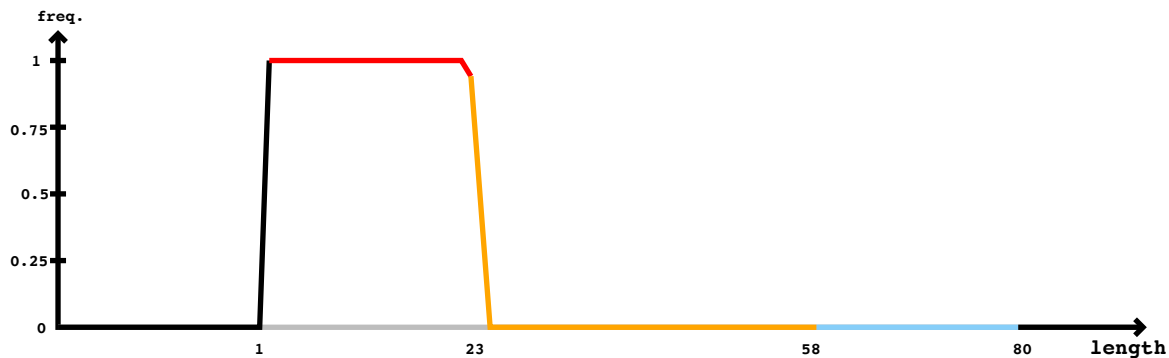
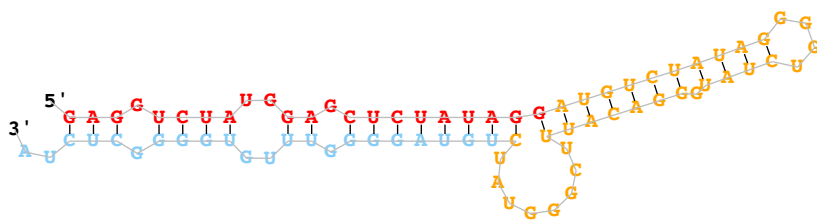
```

Provisional ID       : mun-novel16
Score total          : 31.4
Score for star read(s) : 3.9
Score for read counts  : 23.6
Score for mfe          : 2.9
Score for randfold    : 1.6
Score for cons. seed   : -0.6
Total read count      : 58
Mature read count     : 55
Loop read count       : 0
Star read count       : 3
  
```



		Mature	Star		
5'	-	ucgcugccccuccuccgg	acggaccaaucacagcaggggagugagcgccgcucucugcugcgauugguccacc	ggagagaggggagggggcucuuagccccgccucccc	-3'
		ucgcugccccuccuccgg	acggaccaaucacagcaggggagugagcgccgcucucugcugcgauugguccacc	ggagagaggggagggggcucuuagccccgccucccc	obs
.....(((((((((.....)))))).....)))).....					exp
	reads	1	1	1	sample
	mm	1	1	1	seq
	seq	2	1	3	seq
	seq	3	1	1	seq
	seq	3	1	1	seq
	seq	1	1	1	seq
	seq	1	0	1	seq
	seq	2	1	1	seq
	seq	31	1	1	seq
	seq	1	0	1	seq
	seq	3	1	1	seq
	seq	1	1	1	seq
	seq	1	1	1	seq
	seq	4	1	1	seq
	seq	1	1	1	seq
	seq	1	0	1	seq
	seq	1	1	1	seq

Provisional ID : mun-novel13
 Score total : 1.6
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 17
 Mature read count : 17
 Loop read count : 0
 Star read count : 0



Mature

Star

5' -	gggucugugggguaucuaa	gaggucuauggagcucua	auaggaugucua	auaggggucua	ugggacauuucggguauc	uguagggguuuguggggcucua	uaggaucuaucg	-3'	exp			
	.....	(((.....	(((.....	(((.....	(((.....	(((.....	(((.....	.....	reads	mm	sample	
	.....	.gaggucuauggagcucua	auag	.....	.....	.....	.....	.....	1	0	seq	
	.....	.gaggucuauggagcucua	auagA	.....	.....	.....	.....	.....	8	1	seq	
	.....	.gaggucuauggagcucua	auagU	.....	.....	.....	.....	.....	7	1	seq	
	.....	.gaggucuauggagcucua	auagga	.....	.....	.....	.....	.....	1	0	seq	

Mature

Star

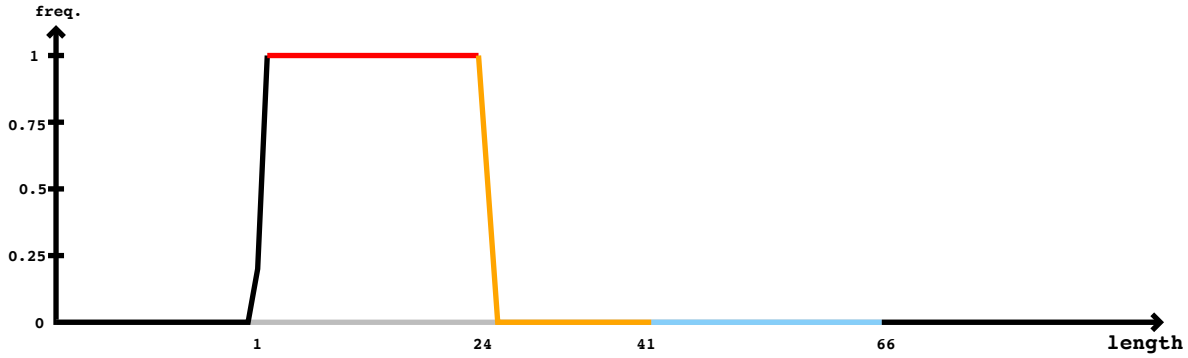
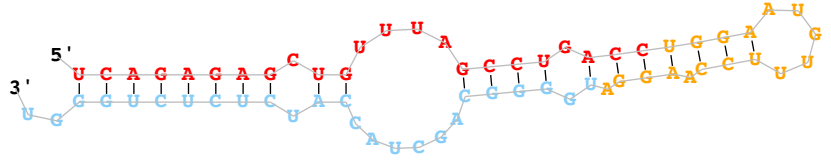
Sequence	Count	Count	Label
ccucuugccugauuccaggcugagguaguaguuuuguacaguuugagggucuaugauaccacccggucacaggagauaacugucacaggccacugccuugccugggacagagcgc			
.....ugagguaguaguuuGguacagu.....	1	1	seq
.....ugagguacuaguuuuguacagu.....	1	1	seq
.....ugaUguaguaguuuuguacagu.....	1	1	seq
.....ugaggAaguaguuuuguacagu.....	4	1	seq
.....ugagguaguaguuuuguacagA.....	8	1	seq
.....uUagguaguaguuuuguacagu.....	1	1	seq
.....ugagguaguaguuuuguacagu.....	3068	0	seq
.....Ggagguaguaguuuuguacagu.....	3	1	seq
.....ugagguaguaguuuuguacAagu.....	1	1	seq
.....ugagguaguaguuuAuacagu.....	1	1	seq
.....ugagguaguaguCuaguacagu.....	1	1	seq
.....ugagguaguaguCuuguacagu.....	1	1	seq
.....ugagguaguaguuuuguacagC.....	1	1	seq
.....ugagguagCaguuuuguacagu.....	2	1	seq
.....ugaUguaguaguuuuguacaguu.....	2	1	seq
.....ugagguaguagGuuguacaguu.....	11	1	seq
.....ugagguaguaguuuUuacaguu.....	2	1	seq
.....ugagguaguaguuuGcaguu.....	2	1	seq
.....ugaAguaguaguuuuguacaguu.....	2	1	seq
.....ugagguaguaguCuaguacaguu.....	2	1	seq
.....ugagguaguaguuuuguacCu.....	1	1	seq
.....ugagguaguaguuuuguacGgu.....	2	1	seq
.....Ggagguaguaguuuuguacaguu.....	11	1	seq
.....Agagguaguaguuuuguacaguu.....	7	1	seq
.....ugagguaguaguuuUcaguu.....	1	1	seq
.....ugagguaguCuuguacaguu.....	1	1	seq
.....ugagguaguaguuuuguacCgu.....	1	1	seq
.....ugagguaguaguuuuguacUgu.....	3	1	seq
.....ugagguagGaguuuuguacaguu.....	3	1	seq
.....ugagguaguaguuuGacaguu.....	1	1	seq
.....Cgagguaguaguuuuguacaguu.....	4	1	seq
.....ugagguaguaguuuCuacaguu.....	2	1	seq
.....ugaCguaguaguuuuguacaguu.....	1	1	seq
.....ugagguaguaguuuAuacaguu.....	1	1	seq
.....ugagguaguaguuuGcacaguu.....	2	1	seq
.....uCagguaguaguuuuguacaguu.....	2	1	seq
.....ugaggAaguaguuuuguacaguu.....	14	1	seq
.....ugagAuaguaguuuuguacaguu.....	1	1	seq
.....ugagguagAaguuuuguacaguu.....	1	1	seq
.....ugagguaguaguuuuguacaguG.....	12	1	seq
.....ugagguaguaguuuuguacaguu.....	17933	0	seq
.....ugUgguaguaguuuuguacaguu.....	1	1	seq
.....ugagCuaguaguuuuguacaguu.....	1	1	seq
.....ugagguaguaguuuuguacaAu.....	2	1	seq
.....ugagguaguauuuuguacaguu.....	6	1	seq
.....ugaggGaguaguuuuguacaguu.....	15	1	seq
.....uAagguaguaguuuuguacaguu.....	1	1	seq
.....ugagguaguaguAuuguacaguu.....	1	1	seq
.....ugagguacuaguuuuguacaguu.....	1	1	seq
.....ugagguagCaguuuuguacaguu.....	5	1	seq
.....ugagguaguaguuuuguacAagu.....	3	1	seq
.....ugagguGguaguuuuguacaguu.....	4	1	seq
.....ugagguaguauuuuguacaguu.....	1	1	seq
.....ugagguaguaguCuaguacaguu.....	1	1	seq
.....ugagguauuaguuuuguacaguu.....	2	1	seq
.....ugagguaguacuuguacaguu.....	3	1	seq
.....ugagguaguaguuuuguacaguA.....	29	1	seq
.....uUagguaguaguuuuguacaguu.....	3	1	seq
.....ugagguaguaguuuuguacaUuu.....	6	1	seq
.....ugagguaguaguuuuguacGaguu.....	1	1	seq
.....ugagguaguaguuuuguacaguc.....	2	1	seq
.....ugagguaguaguuuuguacagGu.....	1	1	seq
.....ugagguaguGguuuuguacaguu.....	3	1	seq
.....ugaggCaguaguuuuguacaguu.....	8	1	seq
.....ugagguaguagAuuguacaguu.....	3	1	seq
.....ugaggAaguaguuuuguacaguuu.....	3	1	seq
.....ugGgguaguaguuuuguacaguuu.....	1	1	seq
.....ugagguaguGguuuuguacaguuu.....	2	1	seq
.....ugagguaguaguuuuguacaguuA.....	669	1	seq
.....ugagguaguaguuuuguacaguuA.....	4	1	seq

Mature

Star

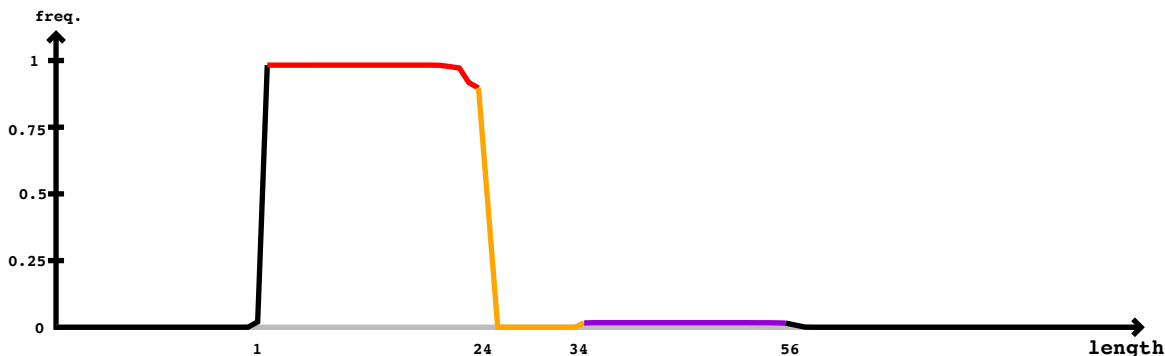
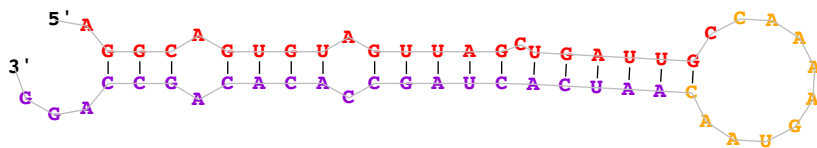
Sequence	Count	Count	Label
ccucuugccugauuccaggcugagguaguaguuguacaguuugagggucuaugauaccacccggucacaggagauaacugucacagggccacugccuugccugggacagagcgc			
.ugagguaguaguuguacaguuC	16	1	seq
.ugagguaguaguuguacaguuA	2	1	seq
.ugagguaguaguuguacGguuu	1	1	seq
.ugagguaguaguuguacaguuU	1	1	seq
.ugagguaguaguuguacaguuU	1840	0	seq
.ugagggCaguaguuguacaguuU	1	1	seq
.ugagguaguaguuguacaguuG	28	1	seq
.ugCgguaguaguuguacaguuU	1	1	seq
.ugagguuaUuaguuguacaguuU	1	1	seq
.CgagguaguaguuguacaguuU	1	1	seq
.ugagggGaguaguuguacaguuU	2	1	seq
.ugagguagAaguuguacaguuU	1	1	seq
.ugagguaguaguuguacaguuU	46	1	seq
.ugagguaguaguuguacaguuug	1	0	seq
.ugagguaguaguuguacaguuuA	5	1	seq
.ugagggAaguaguuguacaguuug	1	1	seq
.ugagguaguaguuguacaguuuC	1	1	seq
.ugagguaguaguuguacaguuAg	1	1	seq
.ugagguaguaguuguacaguuugU	1	1	seq
.ugagguaguaguuguacaguuugG	1	1	seq
.ugagguaguaguuguacaguuugaA	1	1	seq
.ugagguaguaguuguacaguuugagg	3	0	seq
.ugagguaguaguuguacaguuugaggg	1	0	seq
.ugagguaguaguuguacaguuugagggg	1	0	seq
.gagguaguaguuguacaguuU	1	0	seq
.gagguaguaguuguacaguuU	1	0	seq
.gguaguaguuguacaguuU	1	0	seq
.uaguaguuguacaguuugaggA	1	1	seq
.ugagggucuaugauaccacccggU	1	0	seq
.aacugucacagggccacugccuU	1	0	seq
.aacugucacagggccacugccuug	1	0	seq
.aacugucacagggccacugccuugc	5	0	seq
.acugucacagggccacugccuug	1	0	seq
.acugucacagggccacugccuugc	2	0	seq
.cugucacagggccacugccuug	1	0	seq
.cugucacagggccacugccuugc	27	0	seq
.cugucacagggccacugccuugcc	11	0	seq
.cugucacagggccacugccuugcA	2	1	seq
.cugucacagggccacugccuugcU	37	1	seq
.cugucacagggccacugccuugccu	3	0	seq
.cugucacagggccacugccuugcUu	2	1	seq
.cugucacagggccacugccuugccA	8	1	seq

Provisional ID : mun-novel42
 Score total : 1
 Score for star read(s) : -1.3
 Score for read counts : -0.8
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 10
 Mature read count : 10
 Loop read count : 0
 Star read count : 0



	Mature	Star	-3'	exp	
5' -	cuuccauuggaucagguuguucagagagcuguuuagccugaccuggaauguuuccaaggaguggggcagcuaccaucucucugggu	aaccuguuuccaguguuucaccacucuca	-		
	.....(((((((.....((((((.....((.....)))))).....)))))).....)))).....)	.....	reads	mm	sample
	.....uucagagagcuguuuagccugacc.....	.....	2	0	seq
	.....ucagagagcuguuuagccugacc.....	.....	7	0	seq
	.....ucagagagcuguuuagccugaccu.....	.....	1	0	seq

Provisional ID : mun-miR-34b
 Score total : 3690.2
 Score for star read(s) : 3.9
 Score for read counts : 3680
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 7230
 Mature read count : 7106
 Loop read count : 0
 Star read count : 124



Mature

Star

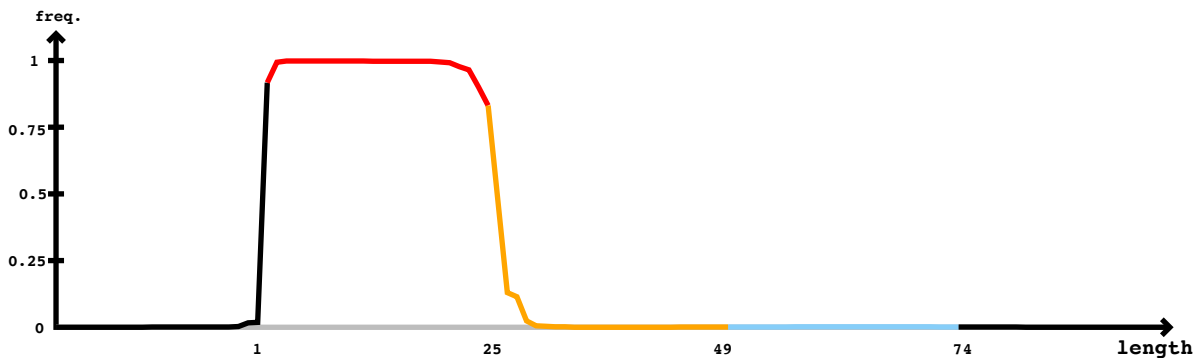
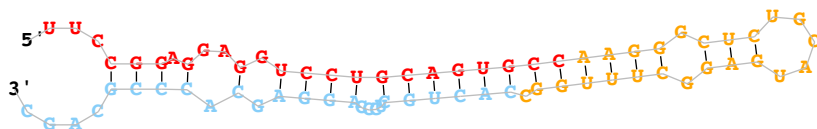
5' -	3'	obs	exp	reads	mm	sample
cuucuaucagccuaguuaacuaggcaguguguaguagcugauugc	caaaaguaacaauccacagccacacagccagguaaaaagguuuggaagauaccucaguggaaaccaga	1	0	seq		
cuucuaucagccuaguuaacuaggcaguguguaguagcugauugc	caaaaguaacaauccacagccacacagccagguaaaaagguuuggaagauaccucaguggaaaccaga	1	0	seq		
.....cuaggcaguguguaguagcugau.....		1	0	seq		
.....cuaggcaguguguaguagcugauu.....		1	0	seq		
.....uaggcaguguguaguagcug.....		1	0	seq		
.....uaggcaguguguaguagcuga.....		8	0	seq		
.....uaggcaguguguaguagcugau.....		11	0	seq		
.....uaggcaguguguaguagcugauA.....		3	1	seq		
.....uaggcagugCaguaguagcugauu.....		1	1	seq		
.....Caggcaguguguaguagcugauu.....		1	1	seq		
.....uaggcaguguguaguagcugauu.....		85	0	seq		
.....uaggcaguguguaguagcugauuA.....		1	1	seq		
.....uaggcaguguguaguagcugauuU.....		3	1	seq		
.....uaggcaguguguaguagcugauug.....		10	0	seq		
.....uaggcaguguguaguagcugauugA.....		9	1	seq		
.....uaggcaguguguaguagcugauugc.....		2	0	seq		
.....Caggcaguguguaguagcugauugc.....		10	1	seq		
.....aggcaguguguaguagcug.....		5	0	seq		
.....aggcaguguguaguagcugU.....		1	1	seq		
.....aggcaguguguaguagcuga.....		26	0	seq		
.....aggcaguUuaguaguagcugau.....		1	1	seq		
.....aggcaguguguaguagcugau.....		25	0	seq		
.....aggcaguguguaguagcugauu.....		301	0	seq		
.....aggcaguguguaguagcugauA.....		6	1	seq		
.....aggcagGguaguaguagcugauug.....		1	1	seq		
.....aggcaguguguaguagcugauuA.....		1	1	seq		
.....aggcaguguguaguagcugauuU.....		4	1	seq		
.....aggcaguguguaguagcugauug.....		123	0	seq		
.....aggcaguguguaguagcugauugc.....		5535	0	seq		
.....aggcagugGaguaguagcugauugc.....		2	1	seq		
.....aggcaguguguaguagAugauugc.....		2	1	seq		
.....Uggcaguguguaguagcugauugc.....		3	1	seq		
.....aggcagAguaguaguagcugauugc.....		1	1	seq		
.....aggcaguguguaguauUcugauugc.....		1	1	seq		
.....aCgcaguguguaguagcugauugc.....		2	1	seq		

Mature

Star

cuucuaucagccuaguua <u>cuaggcagug</u> uaguagcu <u>Uauugc</u>	3	1	seq
.....aggcagug <u>uaguagcuUauugc</u>	1	1	seq
.....aggcagug <u>uaguGgcugauugc</u>	1	1	seq
.....agUcagug <u>uaguagcugauugc</u>	1	1	seq
.....aggGagug <u>uaguagcugauugc</u>	1	1	seq
.....aggcagug <u>Agauagcugauugc</u>	3	1	seq
.....aggcagug <u>uaguagcugauuA</u>	43	1	seq
.....aggcagug <u>uaguagcugauuUc</u>	1	1	seq
.....aggcaU <u>uguaguagcugauugc</u>	1	1	seq
.....aggcagug <u>uaguagcugauuAc</u>	1	1	seq
.....aAgcagug <u>uaguagcugauugc</u>	1	1	seq
.....aggcagug <u>Gguagcugauugc</u>	1	1	seq
.....Gggcagug <u>uaguagcugauugc</u>	6	1	seq
.....aggcagug <u>uaguagcugUuugc</u>	1	1	seq
.....Cggcagug <u>uaguagcugauugc</u>	3	1	seq
.....aggcagug <u>uaguagUugauugc</u>	1	1	seq
.....aggcagug <u>uaguuAcugauugc</u>	1	1	seq
.....aggcaguU <u>uaguagcugauugc</u>	1	1	seq
.....aggcagC <u>guaguagcugauugc</u>	4	1	seq
.....agAcagug <u>uaguagcugauugc</u>	1	1	seq
.....aggcGgug <u>uaguagcugauugc</u>	1	1	seq
.....aggcagug <u>uaguagGugauugc</u>	1	1	seq
.....aggcagGg <u>uaguagcugauugc</u>	3	1	seq
.....aggcagugC <u>aguagcugauugc</u>	2	1	seq
.....aggcagug <u>uaguagcugauugcG</u>	8	1	seq
.....aggcagug <u>uaguagcugauugcU</u>	755	1	seq
.....aggcagug <u>uaguagcugauugcA</u>	30	1	seq
.....aggcagug <u>uaguagcugauugcc</u>	39	0	seq
.....aggcagug <u>uaguagcugauugUc</u>	1	1	seq
.....aggcagug <u>uaguagcugauugccU</u>	3	1	seq
.....g <u>uaguagcugauugc</u>	1	0	seq
.....a <u>aucacuagccacacagc</u>	1	0	seq
.....a <u>aucacuagccacacagccU</u>	1	1	seq
.....a <u>aucacuagccacacagcca</u>	2	0	seq
.....a <u>aucacuagccacacagccag</u>	6	0	seq
.....a <u>aucacuagccacacagccagA</u>	1	1	seq
.....a <u>aucacuUgccacacagccagg</u>	1	1	seq
.....a <u>aucacuagccacacagccagg</u>	80	0	seq
.....a <u>aucacuagccacacagccagU</u>	3	1	seq
.....a <u>aucacuagccacacagccaggA</u>	12	1	seq
.....a <u>aucacuagccacacagccaggu</u>	7	0	seq
.....a <u>aucacuagccacacagccaggua</u>	1	0	seq
.....a <u>aucacuagccacacagccagguU</u>	2	1	seq
.....a <u>ucacuagccacacagccag</u>	1	0	seq
.....a <u>ucacuagccacacagccagg</u>	1	0	seq
.....a <u>ucacuagccacacagccaggA</u>	1	1	seq
.....a <u>ucacuagccacacagccaggu</u>	3	0	seq
.....a <u>ucacuagccacacagccagguU</u>	1	1	seq

Provisional ID : mun-novel10
 Score total : 1.9
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 1076
 Mature read count : 1076
 Loop read count : 0
 Star read count : 0



Mature

Star

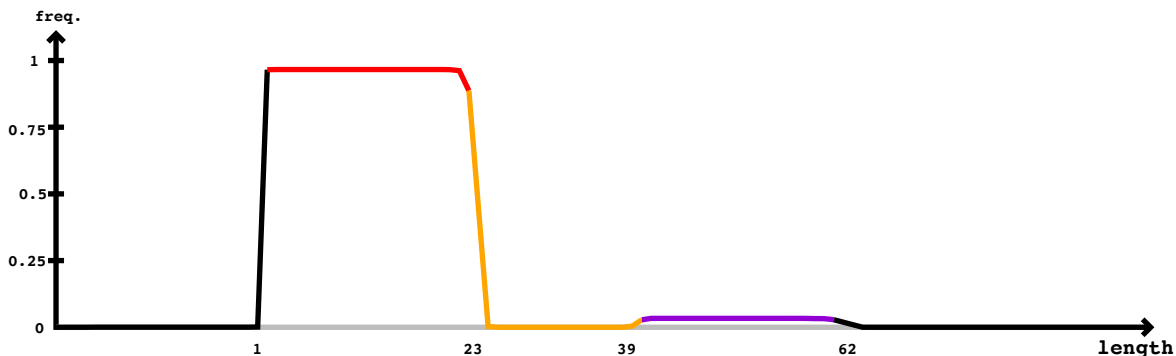
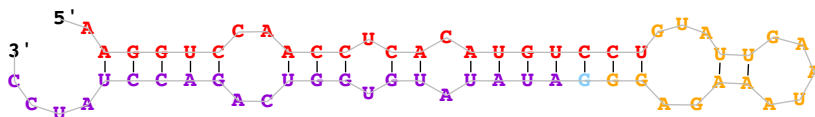
5' -	reads	mm	sample
cgaggaguuggaggggauc <u>uuccggaggagguccugcagugccaaggggcucugcaugagggcuuuggc</u> <u>cacugucccaggagcaccgcagcau</u> cccccaaccucuggcuugu -3'	1	0	seq
.....uuggaggggauc <u>uuccggaggagg</u>	1	0	seq
.....aucuuccggaggagguccugcagugcc.....	2	0	seq
.....ucuuccggaggagguccugcagug.....	1	0	seq
.....ucuuccggaggagguccugcagugcc.....	4	0	seq
.....ucuuUcggaggagguccugcagugcc.....	1	1	seq
.....ucuuccggaggagguccugcagugccG.....	1	1	seq
.....ucuuUcggaggagguccugcagugcca.....	1	1	seq
.....ucuuccggaggagguccugcagugccU.....	1	1	seq
.....ucuuccggaggagguccugcagugcca.....	4	0	seq
.....ucuuUcggaggagguccugcagugccaa.....	1	1	seq
.....ucuuccggaggagguccugcagugccaagg.....	1	0	seq
.....cuuccggaggagguccugcagugcc.....	1	0	seq
.....cuuccggaggagguccugcagugcca.....	1	0	seq
.....uuccggaggagguccugc.....	3	0	seq
.....uuUcggaggagguccugca.....	1	1	seq
.....uuccggaggagguccugca.....	2	0	seq
.....uuUcggaggagguccugcag.....	1	1	seq
.....uuccggaggagguccugcaU.....	2	1	seq
.....uuccggaggagguccugcaC.....	1	1	seq
.....uuccggaggagguccugcaA.....	2	1	seq
.....uuccggaggagguccugcag.....	9	0	seq
.....uuccggaggagguccugcagu.....	12	0	seq
.....uuccggaggagguccugcagug.....	1	1	seq
.....uuccggaggagguccugcagug.....	66	0	seq
.....uuUcggaggagguccugcagug.....	1	1	seq
.....uuccggaggagguccugcagugA.....	2	1	seq
.....uuccggaggagguccugcagugU.....	10	1	seq
.....uuUcggaggagguccugcagugc.....	2	1	seq
.....uuccggaggagguccuUcagugc.....	1	1	seq
.....uuccggaggagguccugcagugc.....	1	1	seq
.....uuccggaggagguccugcagugc.....	59	0	seq
.....uuUcggaggagguccugcagugcc.....	22	1	seq
.....uuccAgaggagguccugcagugcc.....	4	1	seq
.....uuccggaggaggCccugcagugcc.....	1	1	seq

Mature

Star

Sequence	Count	Value	Type
cgaggaguuuggagggggauc <u>uuccggaggagguccugcagugca</u> agggcucugcaugaggcuuuggccacugcuccaggagcaccgcagcaucccaaccucuggcuugu			
.....uuccggaggagguccugcagugcA.....	3	1	seq
.....uuccggaggaAguccugcagugcc.....	11	1	seq
.....uuccggaggagguccugcagugcc.....	315	0	seq
.....uuccgggaAaggguccugcagugcc.....	1	1	seq
.....uuccggaggagguccugcagCgccc.....	1	1	seq
.....uuccggaggaAguccugcagugcca.....	7	1	seq
.....uuccAaggaggguccugcagugcca.....	5	1	seq
.....uuccggaggagguccugcagugccG.....	9	1	seq
.....uuUcggaggagguccugcagugcca.....	19	1	seq
.....uuccggaggagguccugcagugcAa.....	2	1	seq
.....uuccggaggagguccugcagugccU.....	64	1	seq
.....uuccggaggagguccugcagAgcca.....	1	1	seq
.....uuccggaggagguccugcagugcca.....	221	0	seq
.....uuUcggaggagguccugcagugccaa.....	3	1	seq
.....uuccggaggagguccugcagugccaC.....	1	1	seq
.....uuccAaggaggguccugcagugccaag.....	1	1	seq
.....uuccggaggagguccugcagugccaag.....	76	0	seq
.....uuccggaggagguccugcagugccaaC.....	1	1	seq
.....uuUcggaggagguccugcagugccaag.....	2	1	seq
.....uuccggaggagguccugcaguUccaag.....	1	1	seq
.....uuccggaggagguccugcagugccaaA.....	1	1	seq
.....uuccggaggagguccugcagugccaagg.....	6	0	seq
.....uuccggaggagguccugcagugccaagU.....	6	1	seq
.....uuccggaggaAguccugcagugccaagg.....	1	1	seq
.....uuccAaggaggguccugcagugccaagg.....	1	1	seq
.....uuccggaggagguccugcagugccaaggg.....	1	0	seq
.....uuUcggaggagguccugcagugccaagggc.....	2	1	seq
.....uuccggaggagguccugcagugccaagggcuc.....	2	0	seq
.....uccggaggagguccugcag.....	1	0	seq
.....uccggaggagguccugcagu.....	1	0	seq
.....uccggaggagguccugcagug.....	1	0	seq
.....uUcggaggagguccugcagugcc.....	2	1	seq
.....uccggaggagguccugcagugcc.....	5	0	seq
.....uccggaggagguccugcagugccU.....	7	1	seq
.....uccggaggagguccugcagugccG.....	3	1	seq
.....uccAaggaggguccugcagugcca.....	1	1	seq
.....uUcggaggagguccugcagugcca.....	1	1	seq
.....uccggaggagguccugcagugcca.....	38	0	seq
.....uccggaggagguccugcagugccaU.....	2	1	seq
.....uccggaggagguccugcagugccaa.....	2	0	seq
.....uccggaggagguccugcagugccaaC.....	1	1	seq
.....uccggaggagguccugcagugccaag.....	12	0	seq
.....uccggaggaAguccugcagugccaag.....	1	1	seq
.....uccggaggagguccugcagugccaaU.....	1	1	seq
.....uccggaggagguccugcagugccaagg.....	2	0	seq
.....uccggaggagguccugcagugccaagU.....	2	1	seq
.....ccggaggagguccugcagugcca.....	2	0	seq
.....ccggaggagguccugcagugccaag.....	1	0	seq
.....ccggaggagguccugcagugccaagg.....	1	0	seq
.....uuggccacugcuccaggagcaccgc.....	1	0	seq
.....cccaggagcaGccgagcauccc.....	1	1	seq

Provisional ID : mun-miR-2188
 Score total : 5301.7
 Score for star read(s) : 3.9
 Score for read counts : 5291.1
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 10390
 Mature read count : 10042
 Loop read count : 1
 Star read count : 347



Mature **Star**

5' -	obs	reads	mm	sample
ggaauaucagaccuguggga aaagguccaaccucacaugucc guauugaauaaagagggauauauguggucagaccuauccacaggccccugauuucuuacucaagugcaga	-3'			
ggaauaucagaccuguggga aaagguccaaccucacaugucc guauugaauaaagagggauauauguggucagaccuauccacaggccccugauuucuuacucaagugcaga	exp			
(((((((((.....))))))))).....				
..aauaucagaccuguggga.....		3	0	seq
.....aaagguccaaccucacauguc.....		2	0	seq
.....aaagguccaaccucacaugucc.....		3	0	seq
.....Caagguccaaccucacauguccu.....		1	1	seq
.....aaagguccaaccucacaugu.....		4	0	seq
.....aaagguccaaccucacGuguc.....		1	1	seq
.....aaagguccGaccucacauguc.....		1	1	seq
.....aaagguccaaccucacauguc.....		36	0	seq
.....aGgguccaaccucacaugucc.....		3	1	seq
.....Gagguccaaccucacaugucc.....		6	1	seq
.....aaagguccGaccucacaugucc.....		5	1	seq
.....aaagguccaaccucacaUCucc.....		1	1	seq
.....aaagguccaaccucacaugucc.....		750	0	seq
.....aaaggGccaaccucacaugucc.....		2	1	seq
.....aaagguccaacUucacaugucc.....		1	1	seq
.....aaagguccaaccucacaugucA.....		3	1	seq
.....aaagguccaaccucacaugucc.....		1	1	seq
.....aaagguccaaccucacaugucU.....		2	1	seq
.....aaaggAccaaccucacaugucc.....		1	1	seq
.....Cagguccaaccucacaugucc.....		1	1	seq
.....aaagguccaaUcucacaugucc.....		1	1	seq
.....aaagguccaaccucacauguAc.....		1	1	seq
.....aaagguccaaccucacaugAcc.....		1	1	seq
.....aaaggGccaaccucacauguccu.....		12	1	seq
.....aaagUuccaaccucacauguccu.....		2	1	seq
.....aaagguccaaccucacauguccA.....		116	1	seq
.....aaagguccaUccucacauguccu.....		1	1	seq
.....aaagguGcaaccucacauguccu.....		1	1	seq
.....Cagguccaaccucacauguccu.....		2	1	seq
.....aaagguccaaccuAcacauguccu.....		2	1	seq
.....aaagguccaaccucacauguAcu.....		2	1	seq
.....aaagguccaaccucacauguccu.....		2	1	seq
.....aaagguccaaccucacauguccC.....		3	1	seq

Mature

Star

ggaaauacagaccuggggaaggguccaaccucacauguccuguaauugaauaagagggauauauguggucagaccuuccacagggccuguaucuuacucaagugcaga

.....aaggguccaaccucaUauguccu.....	3	1	seq
.....aaggguccaaccAcacauguccu.....	3	1	seq
.....aagAuccaaccucacauguccu.....	2	1	seq
.....aaggguccaaccucacaUauccu.....	3	1	seq
.....aaggAccaaccucacauguccu.....	3	1	seq
.....aaggguccaaccuUacauguccu.....	1	1	seq
.....aaggguccaGccucacauguccu.....	2	1	seq
.....aaggguccaaccucacauguccu.....	8643	0	seq
.....aaggguccaaccucacauguccu.....	1	1	seq
.....aGggguccaaccucacauguccu.....	35	1	seq
.....aaggguccaaccucacauguccG.....	43	1	seq
.....aaggguccaUcucacauguccu.....	7	1	seq
.....aaggucGaaccucacauguccu.....	2	1	seq
.....Gaggguccaaccucacauguccu.....	37	1	seq
.....aaggguccaAucucacauguccu.....	1	1	seq
.....aagguAcaaccucacauguccu.....	1	1	seq
.....aaggCccaaccucacauguccu.....	2	1	seq
.....aaggguccaaccucGcauguccu.....	1	1	seq
.....aaggguccaaccucaAauguccu.....	2	1	seq
.....aaggguccaaccucacaCguccu.....	1	1	seq
.....aaggguccaaccucacaUuccu.....	1	1	seq
.....aaggguccaaccCcauguccu.....	1	1	seq
.....aaggucAaaccucacauguccu.....	3	1	seq
.....aaggguccaaccucacauguUcu.....	1	1	seq
.....aagguccGaccucacauguccu.....	38	1	seq
.....aagguccCaccucacauguccu.....	1	1	seq
.....aaggguccaaccucacaUuccu.....	1	1	seq
.....aaggguccaaccUucacauguccu.....	1	1	seq
.....aaggguccaaccucUcauguccu.....	1	1	seq
.....aaggguccaaccucacGuguccu.....	2	1	seq
.....aaUguccaaccucacauguccu.....	1	1	seq
.....aaggguccaaccucacauguccug.....	13	0	seq
.....aaggguccaaccucacauguccuA.....	2	1	seq
.....aaggguccaaccucacauguccuU.....	177	1	seq
.....aaggguccaaccucacauguccuC.....	4	1	seq
.....aaggguccaaccucacauguccuCu.....	3	1	seq
.....aaggguccaaccucacauguccuAu.....	4	1	seq
.....aaggguccaaccucacauguccuUu.....	19	1	seq
.....aggguccaaccucacauguccu.....	3	0	seq
.....Gggguccaaccucacauguccu.....	1	1	seq
.....aggguccaaccucacauguccug.....	1	0	seq
.....aggguccaaccucacauguccugu.....	1	0	seq
.....cuguauCgaauaagagggga.....	1	1	seq
.....gauauGuguggucagacc.....	1	1	seq
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.....gauauauguggucagaccuau.....	8	0	seq
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.....gauauGuguggucagaccuauC.....	7	1	seq
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Mature

Star

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Star

Mature

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.....ccagG	uu			1	1 seq
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.....ccaguguuc	Ggacuaccguu			1	1 seq
.....Gcc	aguguucagacuaccguu			3	1 seq
.....ccagug	Cucagacuaccguu			1	1 seq
.....ccaguguuc	agacuaccguu	G		2	1 seq
.....cccaguguuc	agacuaccguu	A		39	1 seq
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.....ccU	aguguucagacuaccguu	c		1	1 seq
.....cccaguguuc	Ggacuaccguu	c		2	1 seq
.....ccaU	uguucagacuaccguu	c		2	1 seq
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.....cccaguguuc	agacuaccguu	Gcc		1	1 seq
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.....g	Gacaguagucgacacauugguu			5	1 seq
.....C	uacaguagucgacacauugguu			4	1 seq
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Star

Mature

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Star

Mature

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Star

Mature

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Star

Mature

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Mature

Star

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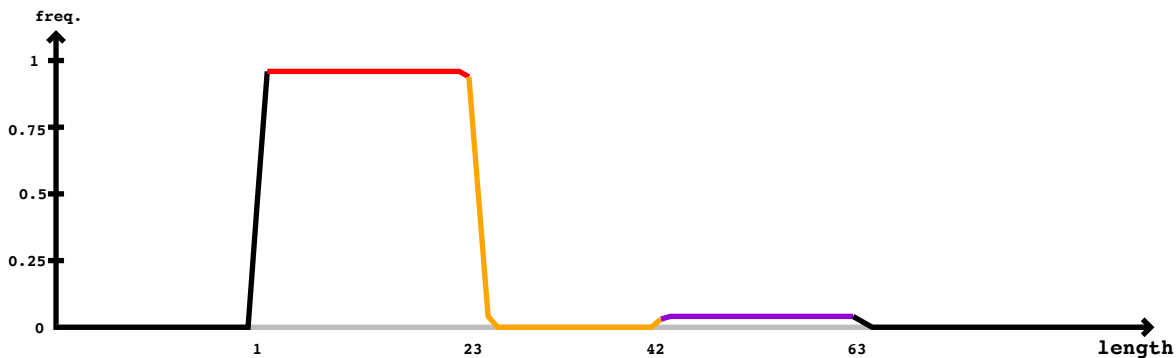
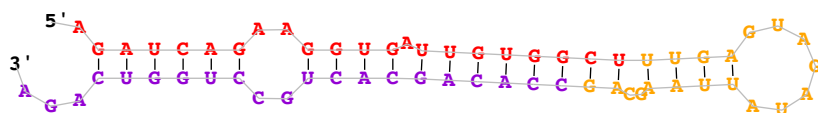
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.....ugagguaguagguuguauagA.....	62	1	seq
.....ugagguaguagguuguauagC.....	2	1	seq
.....ugagguaguagguuguauaAu.....	4	1	seq
.....ugaUguaguagguuguauagu.....	1	1	seq
.....Cgagguaguagguuguauagu.....	2	1	seq
.....ugagguaguUgguuguauagu.....	1	1	seq
.....ugagguagGagguuguauagu.....	1	1	seq
.....ugagguaguaAguuguauagu.....	1	1	seq
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.....ugagggAguagguuguauagu.....	9	1	seq
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.....ugagguauUagguuguauaguu.....	3	1	seq
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.....ugagguaguagggCuguauaguu.....	11	1	seq
.....ugaUguaguagguuguauaguu.....	5	1	seq
.....ugagguaguagguuguauaAu.....	1	1	seq
.....Ggagguaguagguuguauaguu.....	17	1	seq
.....ugagguaguagguuguUuaguu.....	2	1	seq
.....ugagguaguagguuguauCaguu.....	11	1	seq
.....Agagguaguagguuguauaguu.....	18	1	seq
.....ugCgguaguagguuguauaguu.....	3	1	seq
.....ugagguaguagggAguauaguu.....	4	1	seq
.....ugagguaguaUguuguauaguu.....	2	1	seq
.....ugagguauCuagguuguauaguu.....	1	1	seq
.....ugagguaguaCguuguauaguu.....	3	1	seq
.....ugGgguaguagguuguauaguu.....	5	1	seq
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.....ugagguaguagguuguauaguC.....	3	1	seq
.....ugagCuaguagguuguauaguu.....	1	1	seq
.....ugagguaguagguuguauGaguu.....	1	1	seq
.....ugagguaguagguuguauagCu.....	4	1	seq
.....ugagguaguagguugAauaguu.....	1	1	seq
.....ugagguaguagguuAuauaguu.....	2	1	seq
.....ugagggaguagguuguauaguu.....	43	1	seq
.....ugagguaguagCuuguauaguu.....	6	1	seq
.....ugagguaguagggGuguauaguu.....	14	1	seq
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.....ugagguaguagguuguauaCu.....	2	1	seq
.....ugagggAguagguuguauaguu.....	32	1	seq
.....ugagguaguagguuguauagAu.....	3	1	seq
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.....ugagguaguagguuguauaagG.....	5	1	seq
.....ugagguaguagguuguauCgu.....	1	1	seq
.....ugagguagGagguuguauaguu.....	9	1	seq
.....ugagguaguagguuguGuaguu.....	2	1	seq
.....ugagguaguagguuguauAaguu.....	2	1	seq
.....ugagggaguagguuguauaguu.....	23	1	seq
.....ugagguaguagguuUuauaguu.....	5	1	seq
.....Cgagguaguagguuguauaguu.....	13	1	seq
.....ugagUuaguagguuguauaguu.....	4	1	seq

Mature

Star

uugacugcaugcauccagggu	ugagguagu	Gggu	uguau	aguuu	agaauu	uacaccaagggagauaac	cuguaca	accuccuagcuu	uccu	ugggucu	ugcac	gaa	cggc			
.....	ugagguagu	Gggu	uguau	aguuu	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	seq
.....	uga	Agu	agu	aggu	uguau	aguuu	.....	.....	.....	.....	.....	.....	.....	1	1	seq
.....	Ag	aggu	agu	aggu	uguau	aguuu	.....	.....	.....	.....	.....	.....	.....	3	1	seq
.....	ug	aggu	agu	G	aggu	uguau	aguuu	.....	.....	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	agu	aggu	C	guau	aguuu	.....	.....	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	G	gu	aggu	uguau	aguuu	.....	.....	.....	.....	.....	.....	4	1	seq
.....	ug	aggu	agu	aggu	ugu	aua	Uuuu	.....	.....	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	agu	aggu	ugu	au	Uguuu	.....	.....	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	agu	aggu	ugu	au	agCuu	.....	.....	.....	.....	.....	.....	3	1	seq
.....	ug	aggu	agu	aggu	ugu	au	agAu	.....	.....	.....	.....	.....	.....	28	1	seq
.....	ug	aggu	ag	C	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	2	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuA	.....	.....	.....	.....	.....	.....	1139	1	seq
.....	ug	aggu	agu	aggu	ugu	au	Cguuu	.....	.....	.....	.....	.....	.....	2	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuC	.....	.....	.....	.....	.....	.....	50	1	seq
.....	ug	aggu	agu	ag	gu	gu	au	aguuu	.....	.....	.....	.....	.....	4	1	seq
.....	C	g	aggu	agu	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	1	1	seq
.....	ug	G	ggu	agu	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	.....	2	1	seq
.....	ug	aggu	agu	aggu	G	gu	au	aguuu	.....	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	ag	A	ggu	ugu	au	aguuu	.....	.....	.....	.....	.....	2	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuCu	.....	.....	.....	.....	.....	.....	5	1	seq
.....	ug	aggu	agu	aggu	ug	C	au	aguuu	.....	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuG	.....	.....	.....	.....	.....	.....	79	1	seq
.....	u	A	ggu	agu	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	1	1	seq
.....	ug	ag	g	G	gu	aggu	ugu	au	aguuu	.....	.....	.....	.....	14	1	seq
.....	G	g	aggu	agu	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	3	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuG	.....	.....	.....	.....	.....	.....	3	1	seq
.....	uga	U	gu	agu	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	5	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	.....	3	1	seq
.....	ug	aggu	agu	ag	u	gu	au	aguuu	.....	.....	.....	.....	.....	2	1	seq
.....	ug	ag	g	C	gu	aggu	ugu	au	aguuu	.....	.....	.....	.....	6	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuAuu	.....	.....	.....	.....	.....	.....	2	1	seq
.....	ug	ag	U	u	gu	aggu	ugu	au	aguuu	.....	.....	.....	.....	1	1	seq
.....	ug	ag	A	gu	aggu	ugu	au	aguuu	.....	.....	.....	.....	.....	10	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuAua	.....	.....	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	agu	ag	u	gu	au	aguuua	.....	.....	.....	.....	.....	34	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuuC	.....	.....	.....	.....	.....	.....	4	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuAa	.....	.....	.....	.....	.....	.....	32	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuGa	.....	.....	.....	.....	.....	.....	2	1	seq
.....	ug	ag	g	C	gu	aggu	ugu	au	aguuuag	.....	.....	.....	.....	1	1	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuuaga	aa	uuac	.....	.....	.....	.....	1	0	seq
.....	ug	aggu	agu	aggu	ugu	au	aguuuaga	aa	uuacac	U	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	seq
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	seq
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	seq
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1	seq
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	0	seq
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	seq

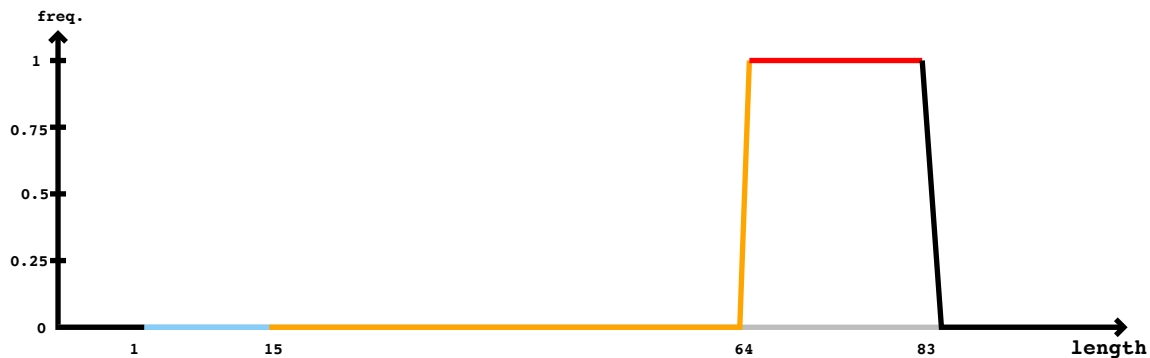
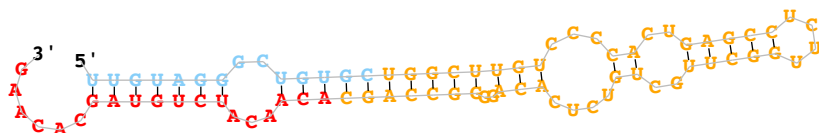
Provisional ID : mun-miR-383
 Score total : 54.4
 Score for star read(s) : 3.9
 Score for read counts : 44
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 98
 Mature read count : 94
 Loop read count : 0
 Star read count : 4



Mature **Star**

5'	3'	obs	exp	reads	mm	sample
ccucaagucacugcuccucagau cagaaggugauuguggcu uugaguagauuuuag ccacagcacugccuggucaga aagagcaaguguacuagccuuuuacuucuu						
ccucaagucacugcuccucagau cagaaggugauuguggcu uugaguagauuuuag ccacagcacugccuggucaga aagagcaaguguacuagccuuuuacuucuu						
.....(((((((((((((((.(.((((((..(((.(.((((((((((((((((((.....))))))..)))))))))..))))))..))..))))))..))).....						
.....cagaucagaaggugauuguggc.....		1	0	1		seq
.....cagaucagaaggGgauuguggc.....		1	1	1		seq
.....cagaucagaaggugauuguggcA.....		1	1	1		seq
.....cagaucagaaggugauuguggcu.....		32	0	32		seq
.....cagaucagaaggugauuguggcG.....		2	1	2		seq
.....cagaucagaaggugauuguggcuu.....		10	0	10		seq
.....cagaucagaaggugauuguggcuCu.....		1	1	1		seq
.....agaucagaaggugauuguggcu.....		35	0	35		seq
.....agaucagaaggugauuguggcuu.....		6	0	6		seq
.....agaucagaaggugauuguggcuA.....		2	1	2		seq
.....agaucagaaggugauuguggcAu.....		1	1	1		seq
.....agaucagaaggugauuguggcuuu.....		1	0	1		seq
.....agaucagaaggugauuguggcuAu.....		1	1	1		seq
.....ccacagcacugUcuggucaga.....		1	1	1		seq
.....ccacagcacugccuggucaga.....		1	0	1		seq
.....ccacagcacugccuggucagaU.....		1	1	1		seq
.....cacagcacugccuggucagaU.....		1	1	1		seq

Provisional ID : mun-novel46
 Score total : 0.6
 Score for star read(s) : -1.3
 Score for read counts : -0.8
 Score for mfe : 1.8
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 10
 Mature read count : 10
 Loop read count : 0
 Star read count : 0

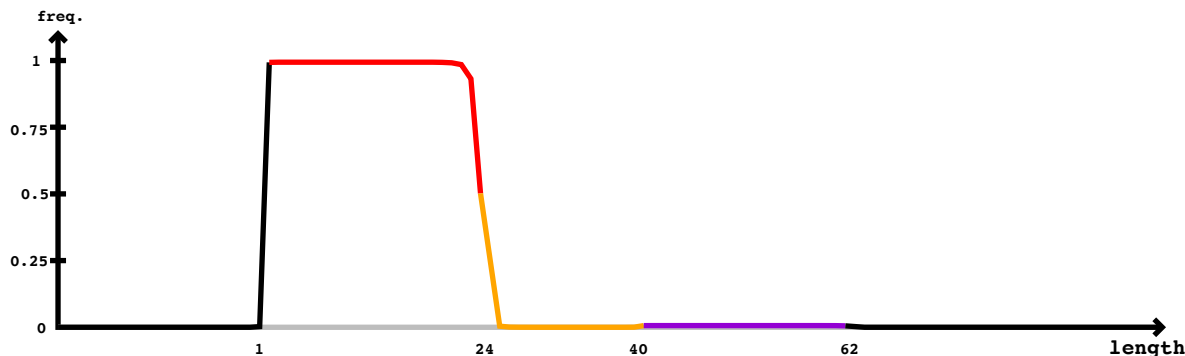
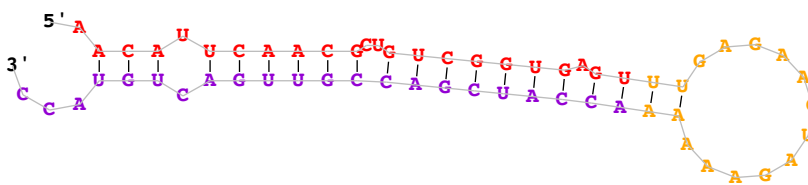


Star

Mature

5' - uaggguuuguagggcugugcuggcuugucccaugagccuugggcuugcugucacaggggccagcacaacaucuguagcacaagcccagugugauguacucacg	-3' exp		
..(((((((((((((((..(((((((((((((((..(((((((((((((((..(((((((((((((((..(((((((((((((((..(((((((((((((((..(((((((((((((((..	reads	mm	sample
.....acaacaucuguagcacaag.....	10	0	seq

Provisional ID : mun-miR-181a
 Score total : 90079.4
 Score for star read(s) : 3.9
 Score for read counts : 90069.9
 Score for mfe : 1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 176680
 Mature read count : 175570
 Loop read count : 0
 Star read count : 1110



Mature

Star

5' -	obs	reads	mm	sample
aucuuuggauagcuucagug aacauucaacgcugucggugagu uugagaacuaagaaaa accaucgaccguugacugua ccuugagguuuaucaacaacccucuguaaaugg	-3' exp			
.....(((((((((((((((((((((.....)).....				
.....uCaacauucaacgcugucggugag.....	1	1	1	seq
.....Gaacauucaacgcugucggugagu.....	1	1	1	seq
.....uCaacauucaacgcugucggugagu.....	1	1	1	seq
.....gaacauucaacgcugucg.....	1	0	0	seq
.....gaacauucaacgcugucggu.....	1	0	0	seq
.....Caacauucaacgcugucggug.....	1	1	1	seq
.....gaacauucaacgcugucggug.....	10	0	0	seq
.....gaacaCucaacgcugucgguga.....	1	1	1	seq
.....gaacauucaacgcugucggugU.....	12	1	1	seq
.....gaacauucaacgcugucgguga.....	85	0	0	seq
.....gaacauucaacgcugucggugG.....	17	1	1	seq
.....gaacauucaacgcugucggugaU.....	6	1	1	seq
.....Caacauucaacgcugucggugag.....	6	1	1	seq
.....gaacauucaacgcugucggugag.....	230	0	0	seq
.....gaacaCucaacgcugucggugag.....	1	1	1	seq
.....gaacauucaacgcugucggugaA.....	2	1	1	seq
.....gaacauucaacgcugucggGgag.....	1	1	1	seq
.....gaacauucaacgcugucggAgag.....	1	1	1	seq
.....gaacauucaacgcugucggugagu.....	42	0	0	seq
.....Caacauucaacgcugucggugagu.....	5	1	1	seq
.....gaacauucaacgcugucggugaguU.....	1	1	1	seq
.....aacauucaacgcugucgA.....	1	1	1	seq
.....aacauucaacgcugucgg.....	109	0	0	seq
.....aacauucaacgcugucgU.....	1	1	1	seq
.....aacauAcaacgcugucgg.....	1	1	1	seq
.....aacauucaacgAugucgg.....	1	1	1	seq
.....aacauucaacgcugGcgg.....	1	1	1	seq
.....aacauucaacgcugucgCu.....	2	1	1	seq
.....aacauucaaaUgcugucgg.....	1	1	1	seq
.....aacauucaacgcugucggA.....	2	1	1	seq
.....aacauucaacgcugucggG.....	3	1	1	seq
.....aacauucaacgcugucgg.....	286	0	0	seq
.....aacauuAaacgcugucgg.....	1	1	1	seq

Mature

Star

Sequence	Count	Count	Label
aucuuuggauagcuucagugaacauucaacgcugcggugaguugagaacuaagaaaaaccaucgaccguugacuguccuugagguuuaucaacaacccucuguuaaaugg			
.....aacauucaacCcugucggug.....	1	1	seq
.....aacauucaacgcugucgguaA.....	14	1	seq
.....aacauucaacgcugucgguuU.....	7	1	seq
.....aacauucaacgAugucggug.....	1	1	seq
.....aacauucaacgcuCucggug.....	1	1	seq
.....aaAauucaacgcugucggug.....	1	1	seq
.....aacCuucaacgcugucggug.....	1	1	seq
.....aacauucaacgUugucggug.....	3	1	seq
.....aacauucaacgcugucgCug.....	1	1	seq
.....aacauucaacgcuUucggug.....	1	1	seq
.....aacauucaacgcugucggGg.....	9	1	seq
.....aacauucaacgcugucggug.....	1125	0	seq
.....aacauucaacgcugucggAg.....	2	1	seq
.....aacauucaacgcugAcggug.....	1	1	seq
.....aacauucaacgcugucggCg.....	5	1	seq
.....aacauucaacgcugGcggug.....	2	1	seq
.....aacGuucaacgcugucggug.....	1	1	seq
.....aacauucGacgcugucggug.....	1	1	seq
.....aacauucaacgGugucgguga.....	1	1	seq
.....aaAauucaacgcugucgguga.....	1	1	seq
.....aacauucaaaAgcugucgguga.....	1	1	seq
.....aacauucaacgcugucgUuga.....	2	1	seq
.....aaUauucaacgcugucgguga.....	1	1	seq
.....aacauucaaaUgcugucgguga.....	2	1	seq
.....aacauucaacgUugucgguga.....	15	1	seq
.....aacauCcaacgcugucgguga.....	1	1	seq
.....aacauucaacgcugucggAga.....	6	1	seq
.....aacauucaacgcugucgguga.....	6698	0	seq
.....aacauucaacgcugUgguga.....	2	1	seq
.....Cacaauucaacgcugucgguga.....	1	1	seq
.....aacauucaacgcugucAguga.....	2	1	seq
.....aacauucaacgcugCcguga.....	1	1	seq
.....aacauucaacgcugucggGga.....	28	1	seq
.....aacauucaacgcugucUguga.....	2	1	seq
.....Gacaauucaacgcugucgguga.....	5	1	seq
.....aacauucaacgcugucgguuAa.....	1	1	seq
.....aacauucaacAcugucgguga.....	2	1	seq
.....aacauucaacgcCgucgguga.....	1	1	seq
.....aacauucaacgcugucgguuG.....	1035	1	seq
.....Uacaauucaacgcugucgguga.....	1	1	seq
.....aacauucaacCcugucgguga.....	2	1	seq
.....aacauucaacgcugAcgguga.....	2	1	seq
.....aacauucaCcgucucgguga.....	1	1	seq
.....aacauucaacgcugucgCuga.....	1	1	seq
.....aacauucaacgcugucgguuU.....	1406	1	seq
.....aacauuUaacgcugucgguga.....	2	1	seq
.....aacauucaacUcugucgguga.....	2	1	seq
.....aacauucaacgcuguuAgguga.....	3	1	seq
.....aacauucaacgcugucgguuAa.....	20	1	seq
.....aacGuucaacgcugucgguga.....	2	1	seq
.....aacauucaacgcugucggCga.....	6	1	seq
.....aacauucaacgcugGcgguga.....	2	1	seq
.....aacCucaacgcugucgguga.....	2	1	seq
.....aacauucaacgcugucgAuga.....	3	1	seq
.....aacauucaacgcugucgguuAag.....	4	1	seq
.....aUcauucaacgcugucggugag.....	8	1	seq
.....aacauucaacgcugucggugaA.....	1260	1	seq
.....aacauucaacgcugUggugag.....	14	1	seq
.....aacauucaacgcugucgguuUag.....	12	1	seq
.....aacauucaacgcugucgCugag.....	2	1	seq
.....aacauucaacgcuguuGggugag.....	4	1	seq
.....aacagucaacgcugucggugag.....	1	1	seq
.....aacauucaacgcugCcgugag.....	4	1	seq
.....aacauucaacAcugucggugag.....	8	1	seq
.....aacauucaaaUgcugucggugag.....	9	1	seq
.....aacauucaCcgucucggugag.....	2	1	seq
.....aacauucaacgcCgucggugag.....	8	1	seq
.....aacauucaacgcugucgAugag.....	4	1	seq
.....aaGauucaacgcugucggugag.....	2	1	seq
.....aacauucaacgcugucgguuGg.....	72	1	seq

Mature

Star

aucuuuggauagcuucagugaacauucaacgcugcggugaguuuugagaacuagaaaaaaccaucgaccguugacuguccuugaguuuaucaacaacccucuguuaaaugg

.....aacauucaacgAugcggugag.....	13	1	seq
.....aacauucaacgcugcUgugag.....	9	1	seq
.....aacAUucaacgcugcggugag.....	2	1	seq
.....aacauucCacgcugcggugag.....	1	1	seq
.....Gacauucaacgcugcggugag.....	66	1	seq
.....Cacauucaacgcugcggugag.....	13	1	seq
.....aacUuucaacgcugcggugag.....	3	1	seq
.....aacauucaacgcugcgguCag.....	3	1	seq
.....aacauucaacgcugcggugag.....	72685	0	seq
.....aacauucaaaGgcugcggugag.....	4	1	seq
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.....aacauucaUcgcugcggugag.....	1	1	seq
.....aacACucaacgcugcggugag.....	8	1	seq
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.....aaUauucaacgcugcggugag.....	4	1	seq
.....aacauucaacgcUucggugag.....	9	1	seq
.....aacauucaacgcugcGugag.....	19	1	seq
.....aacauucaacgcugcggugaC.....	24	1	seq
.....aacauucaaaAgcugcggugag.....	20	1	seq
.....aacauuUaacgcugcggugag.....	7	1	seq
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.....aacauucaacUcugcggugag.....	9	1	seq
.....aacauucaacgcugcggAgag.....	24	1	seq
.....aacauucaacCcugcggugag.....	6	1	seq
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.....aacauucaGcgcugcggugag.....	4	1	seq
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.....aaLauucaacgcugcggugag.....	8	1	seq
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.....aacauucUacgcugcggugagu.....	1	1	seq
.....aacauucaacAcugcggugagu.....	17	1	seq
.....aacauucaacgcugcggugagC.....	22	1	seq
.....aacauucaacUcugcggugagu.....	11	1	seq
.....aacauucaacgcCgucggugagu.....	8	1	seq
.....aacauucaacgcugcggAgagu.....	31	1	seq
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Mature

Star

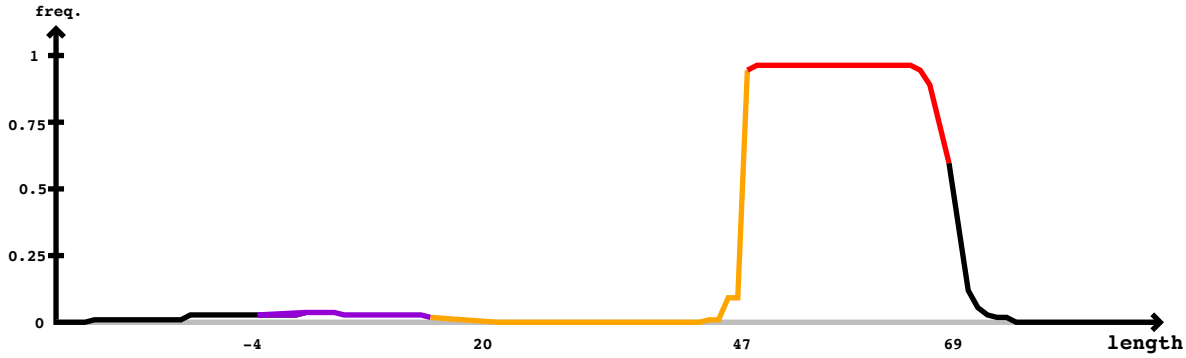
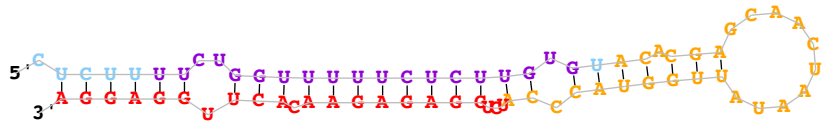
Sequence	Count	Category	Type
aucuuuggauagcuucagugaacauucaacgcugcggugaguugagaacuagaaaaaccaucgaccguugacuguccuugaguuaucaacaacccucuguaaaugg			
.....aacauucaacgcugcggugUgu.....	6	1	seq
.....aacauucaaaUgcugcggugagu.....	15	1	seq
.....Gacauucaacgcugcggugagu.....	74	1	seq
.....aacGuucaacgcugcggugagu.....	4	1	seq
.....aacauucaacgcugcCgugagu.....	4	1	seq
.....aacauucaacGugcggugagu.....	1	1	seq
.....aacauucaacgcugcggugagA.....	3159	1	seq
.....aacauucaacgcugAcggugagu.....	9	1	seq
.....aacauucaaaAgcugcggugagu.....	10	1	seq
.....aacacucaacgcugcggugagu.....	8	1	seq
.....aacauucaacgcugcUgugagu.....	18	1	seq
.....aacauucaacgcugcggugagG.....	126	1	seq
.....aacauucaacgcugcggugagu.....	80846	0	seq
.....aacauucaacgcugGcggugagu.....	8	1	seq
.....aaAauucaacgcugcggugagu.....	7	1	seq
.....aacauucaacgAugcggugagu.....	11	1	seq
.....aacauucGacgcugcggugagu.....	14	1	seq
.....aacauucaacgcuUcggugagu.....	14	1	seq
.....aacauucaacgcGgucggugagu.....	2	1	seq
.....aacauAcaacgcugcggugagu.....	6	1	seq
.....aacagucaacgcugcggugagu.....	1	1	seq
.....aacCuucaacgcugcggugagu.....	1	1	seq
.....aacauucaacgcugcCugagu.....	5	1	seq
.....aacauucaacgcugCcgugagu.....	10	1	seq
.....aacauucaacgcAugcggugagu.....	5	1	seq
.....aacauucaacgUugcggugagu.....	86	1	seq
.....aacauucaacgcugcAugagu.....	3	1	seq
.....aacauucaacgcugGggugagu.....	4	1	seq
.....aacauucaacgcugcggugGgu.....	11	1	seq
.....aacauucaacgcugcggugaUu.....	25	1	seq
.....aacauucaUcgcugcggugagu.....	3	1	seq
.....aacUuucaacgcugcggugagu.....	3	1	seq
.....aacauucaacgcugcggGgagu.....	120	1	seq
.....aacauucaacCucugcggugagu.....	5	1	seq
.....aacauucaacgcuCucggugagu.....	7	1	seq
.....aacauucaacgcugcUugagu.....	11	1	seq
.....aacauucaacgcugcggCgagu.....	41	1	seq
.....Cacauucaacgcugcggugagu.....	18	1	seq
.....aGcauucaacgcugcggugagu.....	6	1	seq
.....aacauucaacgcuAucggugagu.....	5	1	seq
.....aacauucaacgcuCucggugaguu.....	1	1	seq
.....aacauucaacgcugcggugGguu.....	1	1	seq
.....aacauucaacgcugcggugUguu.....	1	1	seq
.....aacauucaacgcugcggugagu.....	2659	0	seq
.....aacauucaacgcugcggugagCu.....	1	1	seq
.....aacauucaacgcugcggugagA.....	46	1	seq
.....aacauucaacUcugcggugaguu.....	1	1	seq
.....aacauucCacgcugcggugaguu.....	1	1	seq
.....aacauucaacAcugcggugaguu.....	1	1	seq
.....Gacauucaacgcugcggugaguu.....	2	1	seq
.....aaUauucaacgcugcggugaguu.....	1	1	seq
.....aacauucaacgcugcggugagG.....	7	1	seq
.....aacGuucaacgcugcggugaguu.....	1	1	seq
.....aacauucaacgUugcggugaguu.....	1	1	seq
.....aacauucaacgcugcgguCaguu.....	1	1	seq
.....aacauucaacgcugCcgugaguu.....	1	1	seq
.....aacauucaacgcugcggGgaguu.....	4	1	seq
.....aacauucaacgcugAaggugaguu.....	1	1	seq
.....aacauucaacgcugcggCgaguu.....	2	1	seq
.....aacauucaacgcugcggugagGu.....	4	1	seq
.....aacauucaaaAgcugcggugaguu.....	1	1	seq
.....aacauucaacgcugcCugaguu.....	1	1	seq
.....aacauucaacgcugcggugCguu.....	1	1	seq
.....aacauucaacgcugcggugaguC.....	2	1	seq
.....Cacauucaacgcugcggugaguu.....	1	1	seq
.....aacauucaacgcugcggugaAuu.....	1	1	seq
.....aacauucaacgcugUggugaguu.....	1	1	seq
.....aacauucaacgcugcggugagAuu.....	11	1	seq
.....aacauucaacgcugcggugagAuu.....	1	1	seq
.....aacauucaacgcugcggGgaguuu.....	1	1	seq

Mature

Star

Sequence	Mature Count	Star Count	Label
aucuuuggauagcuucagugaacauucaacgcugucggugaguuugagaacuaagaaaaaccaucgaccguugacuguaaccuugaguuuaucacaaccccucuguaaaugg			
.aacauucaacgcugucggCgaguuu	1	1	seq
.aacauucaacgcuaucggugaguuu	1	1	seq
.Gacauucaacgcugucggugaguuu	1	1	seq
.Cacauucaacgcugucggugaguuu	1	1	seq
.aacauucaacgcugucggugaguuA	5	1	seq
.aacauucaacgcugucggugaguuAu	3	1	seq
.aacGuucaacgcugucggugaguuu	1	1	seq
.aacauucaacgcugucggugaguuu	576	0	seq
.aacauucaacgcugucggugaguuG	2	1	seq
.aacauucaacgcugucggugaguuuA	1	1	seq
.aacauucaacgcugucggugaguuGg	4	1	seq
.aacauucaacgcugucggugaguuug	1	0	seq
.aacauucaacgcugucggugaguuuU	97	1	seq
.aacauucaacgcugucggugaguuuAa	1	1	seq
.aacauucaacgcugucggugaguuuga	3	0	seq
.aacauucaacgcugucggugaguuugU	5	1	seq
.aacauucaacgcugucggugaguuugag	12	0	seq
.aacauucaacgcugucggugaguuugagU	5	1	seq
.acauucaacgcugucgguga	2	0	seq
.acauucaacgcugucgUugag	1	1	seq
.acauucaacgcugucggugag	19	0	seq
.acauucaacgcugucggugagA	5	1	seq
.acauucaacgcugucggugagu	73	0	seq
.acauucaacgcugucggugagG	1	1	seq
.acauucaacgcugucggugaguu	9	0	seq
.acauucaacgcugucggugaguuu	4	0	seq
.cauucaacgcugucgguga	1	0	seq
.cauucaacgcugucggugagu	1	0	seq
.cauucaacgcugucggugaguu	1	0	seq
.auucaacgcugucggugagu	1	0	seq
.uucaacgcugucggugaU	1	1	seq
.uucaacgcugucggugagu	2	0	seq
.ucaacgcugucggugagu	1	0	seq
.caacgcugucggugaguu	1	0	seq
.uugagaacuaagaaaaaccaucgaccguugacuguaacc	1	0	seq
.aacuagaaaaaccaucgaccguugacuguaacc	1	0	seq
.aaccaucgaccguugacugua	4	0	seq
.aaccaucgaccguugacugua	3	0	seq
.aaccaucgaccguugacuguaA	14	1	seq
.aaccaucgaccguugacuguaac	13	0	seq
.aaccaucgaccguugacuguaU	7	1	seq
.aaccaucgaccguugacuguaacc	13	0	seq
.aaccaucgaccguugacuguaCU	3	1	seq
.aaccaucgaccguugacuguaaccu	4	0	seq
.accaucgaccgCugacug	1	1	seq
.accaucgaccguugacugA	1	1	seq
.accaucgaccguugacugua	10	0	seq
.accaucgaccguugacugua	14	0	seq
.accaucgaccguugacuguaac	58	0	seq
.accauUgaccguugacuguaC	1	1	seq
.accaucgaccguugacuguaA	46	1	seq
.accaucgaccguugacuguaA	3	1	seq
.accaucgaccguugacuUuacc	1	1	seq
.accaucgaccguugacuguaCU	71	1	seq
.accaucgaccAaugacuguaacc	1	1	seq
.accaucgaccguugacuguaacc	562	0	seq
.accaucgaccguugaUuguaccu	123	1	seq
.Uccaucgaccguugacuguaaccu	1	1	seq
.accaucgaccguugacuguaaccG	1	1	seq
.accUucgaccguugacuguaaccu	1	1	seq
.accaucgaccguugacuguaaccC	1	1	seq
.accaucgaccguugacuguaaccu	142	0	seq
.accaucgaccguugacuguaaccuu	1	0	seq
.accaucgaccguugacuguaaccAu	1	1	seq
.accaucgaccguugaUuguaccuu	1	1	seq
.ccaucgaccguugacuguaacc	2	0	seq
.ccaucgaccguugacuguaaccu	6	0	seq

Provisional ID : mun-novel27
 Score total : 0.1
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 0.4
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 103
 Mature read count : 102
 Loop read count : 0
 Star read count : 1

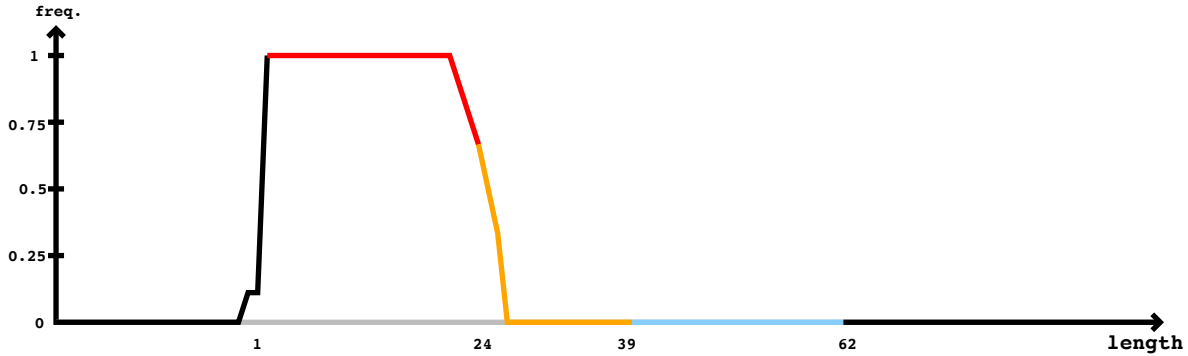


Star

Mature

5' -	-3'	obs	exp	reads	mm	sample
ccugccucuuccuucugccucuuuucugguuuuuucucuuguguacacgagcaacuaauuugguaccacucuggagagaacacucuggagga	uuuaagaccaccaagaagga					
ccugccucuuccuucugccucuuuucugguuuuuucucuuguguacacgagcaacuaauuugguaccacucuggagagaacacucuggagga	uuuaagaccaccaagaagga					
.....((((((((((((((.....(((((((((((((((.....(((((((((((((((.....))))))))))))))))))))))))						
..ugccucuuccuucugccucuuuucugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucu		1	1	1	1	seq
.....uucugccucCuucugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucu		1	1	1	1	seq
.....uucugccucCuucugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucu		1	1	1	1	seq
.....uucugguuuCucucuugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucuugguuuuuucucu		1	1	1	1	seq
.....Accaucuggagagaacacucuggagga		1	1	1	1	seq
.....caucuggagagaacacucuggagga		3	1	1	1	seq
.....caucuggagagaacacucuggagga		3	1	1	1	seq
.....caucuggagagaacacucuggagga		1	1	1	1	seq
.....caucuggagagaacacucuggagga		1	1	1	1	seq
.....caucuggagagaacacucuggagga		1	1	1	1	seq
.....ucuggagagaacacucuggagga		2	1	1	1	seq
.....ucuggagagaacacucuggagga		6	1	1	1	seq
.....ucuggagagaacacucuggagga		12	1	1	1	seq
.....ucuggagagaacacucuggagga		1	0	1	1	seq
.....ucuggagagaacacucuggagga		12	1	1	1	seq
.....ucuggagagaacacucuggagga		31	1	1	1	seq
.....ucuggagagaacacucuggagga		1	0	1	1	seq
.....ucuggagagaacacucuggagga		15	1	1	1	seq
.....ucuggagagaacacucuggagga		3	0	1	1	seq
.....ucuggagagaacacucuggagga		4	1	1	1	seq
.....ucuggagagaacacucuggagga		1	0	1	1	seq
.....ucuggagagaacacucuggagga		2	1	1	1	seq
.....ucuggagagaacacucuggagga		1	1	1	1	seq
.....ucuggagagaacacucuggagga		2	1	1	1	seq
.....cuggagagaacacucuggagga		1	1	1	1	seq
.....cuggagagaacacucuggagga		1	1	1	1	seq

Provisional ID : mun-novel64
 Score total : 0.5
 Score for star read(s) : -1.3
 Score for read counts : -1.3
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 9
 Mature read count : 9
 Loop read count : 0
 Star read count : 0

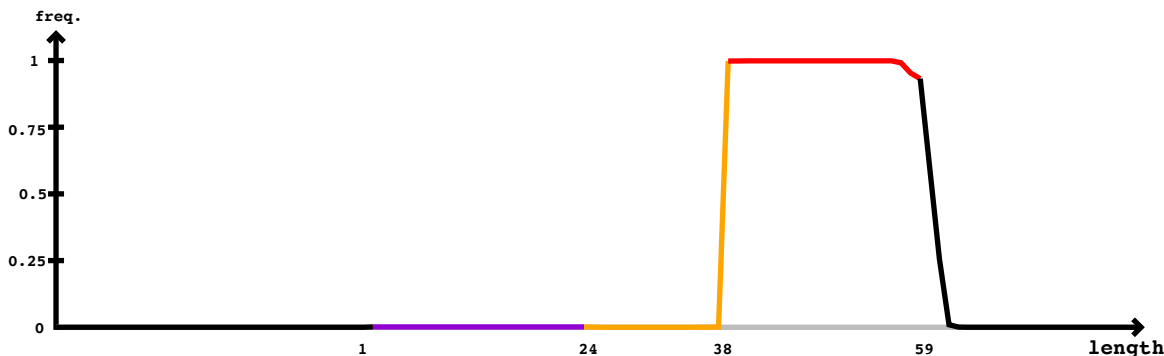
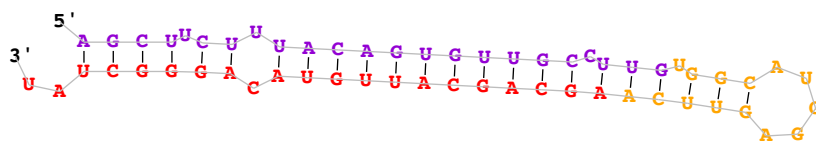


Mature

Star

5' -		-3'	exp	
caugaagcugaccuuaaugaacucagugaugaaccagaagucaugggaaagcaugaaguuggguucaucaccgaguuca	guaagccagugcuugauccugguugcucugc			
(((((((.....)))))....)).....		reads	mm	sample
.....ugaacucagugaugaaccaga.....		1	0	seq
.....aacucagugaugaaccagaa.....		1	0	seq
.....aacucagugaugaaccagaaA.....		1	1	seq
.....aacucagugaugaaccagaagu.....		3	0	seq
.....aacucagugaugaaccagaagucU.....		2	1	seq
.....aacucagugaugaaccagaaguca.....		1	0	seq

Provisional ID : mun-miR-107
 Score total : 1675.1
 Score for star read(s) : 3.9
 Score for read counts : 1665.2
 Score for mfe : 1.4
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 3278
 Mature read count : 3274
 Loop read count : 0
 Star read count : 4



Star

Mature

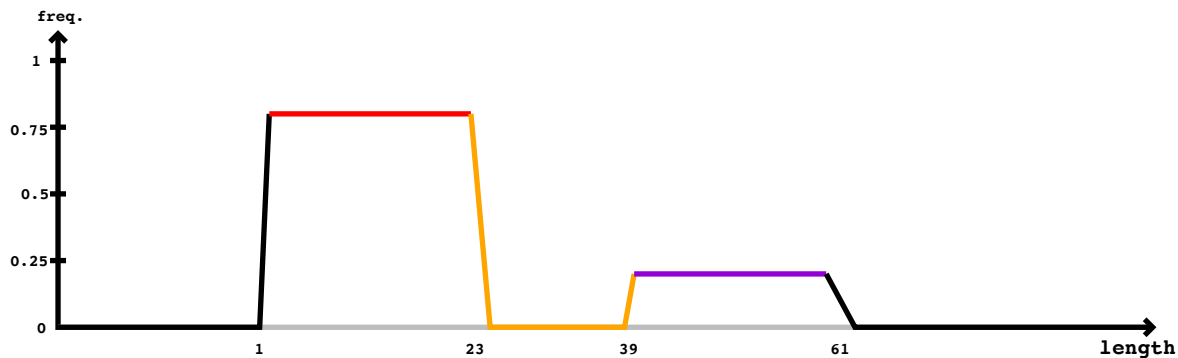
5'	3'	obs		
		exp		
		reads	mm	sample
5' - augauucucuucaguguucucuugcuuucagcuucuuuacaguguugccuuguggcauggaguucaagcagcauugucagggcuauc	-3' caaagcauggagaguugcagca	4	0	seq
augauucucuucaguguucucuugcuuucagcuucuuuacaguguugccuuguggcauggaguucaagcagcauugucagggcuauc	caaagcauggagaguugcagca	1	0	seq
.....((((.....)))-(((((((((.....))))))))))))))).....	1	0	seq
.....agcuucuuuacaguguugccuug.....	24	0	seq
.....uacagcagcauugucagggcuauc.....	1	0	seq
.....aagcagcauugucagggcuauc.....	1	0	seq
.....aagcagcauugucagggcuauc.....	1	0	seq
.....agcagcauugucagggcuauc.....	24	0	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	118	0	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	3	1	seq
.....agcagcauugucagggcuauc.....	54	0	seq
.....agcagcauugucagggcuauc.....	12	1	seq
.....agcagcauugucagggcuauc.....	2	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	3	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1146	0	seq
.....agcagcauugucagggcuauc.....	2	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	5	1	seq
.....agcagcauugucagggcuauc.....	2	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	40	1	seq
.....agcagcauugucagggcuauc.....	258	1	seq
.....agcagcauugucagggcuauc.....	745	0	seq
.....agcagcauugucagggcuauc.....	1	1	seq
.....agcagcauugucagggcuauc.....	1	1	seq

Star

Mature

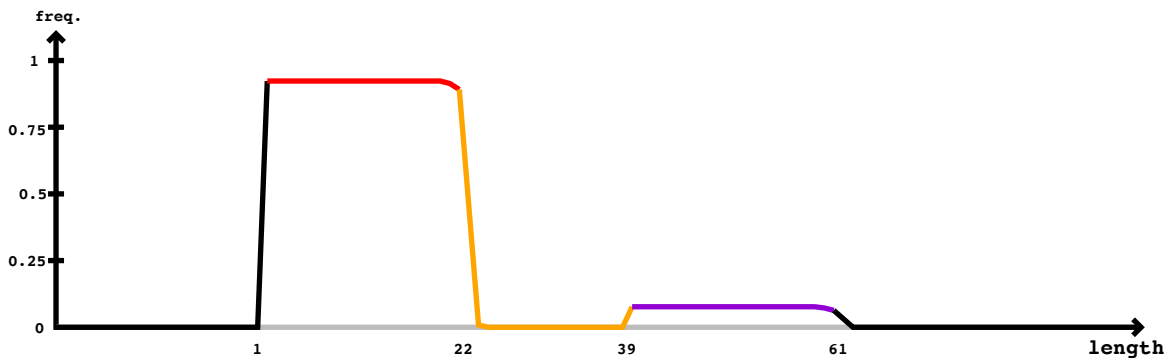
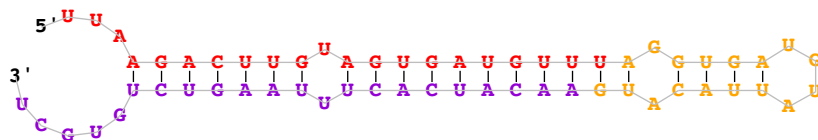
augauucucuucaguguucucuugcuuuc	agcuucuuacaguguugccuug	uggcauggaguuca	agcagcauuguacagggcuau	caaagcauggagaguugcagca			
.....	.....	.....	.....	.....	14	1	seq
.....	.....	.....	.....	.....	187	0	seq
.....	.....	.....	.....	.....	603	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	3	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	13	0	seq
.....	.....	.....	.....	.....	16	1	seq
.....	.....	.....	.....	.....	2	1	seq
.....	.....	.....	.....	.....	2	0	seq

Provisional ID : mun-novel40
Score total : 2.5
Score for star read(s) : 3.9
Score for read counts : -3.3
Score for mfe : 1.1
Score for randfold : 1.6
Score for cons. seed : -0.6
Total read count : 5
Mature read count : 4
Loop read count : 0
Star read count : 1



		Mature				Star			
5'	-	cccacugaucacauucuuu	cccacugaaucugaguaauucucugugaagcuuacuggg	gauuacuuaucaggug	gcaagagaaugauuuuaggucaacaagauuuguc	-3'	obs		
		cccacugaucacauucuuu	cccacugaaucugaguaauucucugugaagcuuacuggg	gauuacuuaucaggug	gcaagagaaugauuuuaggucaacaagauuuguc		exp		
		(((((.....(((((((.....(((((.....((.....)))))))))).....)).....)).....)).....)).....)).....)).....)).....					reads	mm	sample
		.....cccacugaaucugaguaauucucugugaagcuuacuggg.....					4	0	seq
		.....gauuacuuaucaggugca.....					1	0	seq

Provisional ID : mun-miR-499
 Score total : 117
 Score for star read(s) : 3.9
 Score for read counts : 106.7
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 221
 Mature read count : 204
 Loop read count : 0
 Star read count : 17



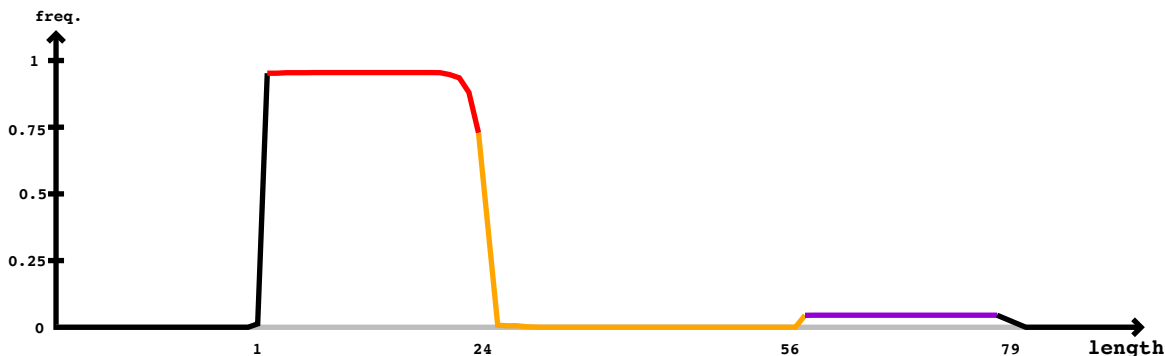
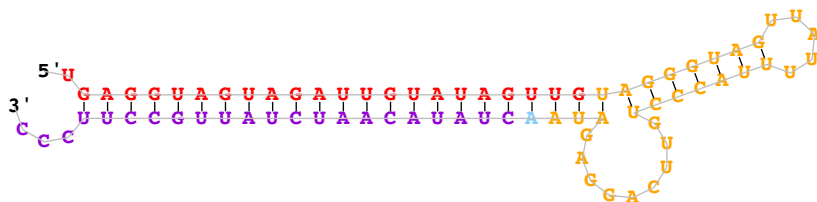
	Mature	Star			
5' -	cgccuuugagagagcggcaguuuagacuuguagugauguuuaggugauguauuacaugaacaucacuuuagucugugcuacuucucuccucauucuggucagcggaagg		-3'	obs	
	cgccuuugagagagcggcaguuuagacuuguagugauguuuaggugauguauuacaugaacaucacuuuagucugugcuacuucucuccucauucuggucagcggaagg			exp	
	.....(((((((.....(((((((.....(((((((.....(((((((.....))))))))).....))))))))).....)))))).....)))))).....))))..		reads	mm	sample
	.....uuuagacuuguagugaugu.....		2	0	seq
	.....uuuagacuuguagugauguu.....		5	0	seq
	.....uuuagacuuguaguAauguuu.....		1	1	seq
	.....uuuagacuuguagugauguuu.....		160	0	seq
	.....uuuagacuuguagugauguuuA.....		32	0	seq
	.....uuuagacuuguagugauguuU.....		2	1	seq
	.....uuuagacuuguagugauguuuA.....	.....aacaucacuuuagucugug.....	2	1	seq
		.....aacaucacuuuagucugug.....	1	0	seq
		.....aacaucacuuuagucugugc.....	2	0	seq
		.....aacaucacuuuagucugugcu.....	13	0	seq
		.....aacaucacuuuagucugugcuG.....	1	1	seq

Mature

Star

ugaugggccuugaguugugcaaaagugcuuacagugcagguagaguucaggau <u>cuacugcaguuaaagcacuucuggc</u> auuacuguggcgau <u>gcggugacgguagcagggcau</u>			
.....acugcaguuaaagcacuucuggU.....	1	1	seq
.....acugcaguuaaagcacuucuggca.....	1	0	seq
.....acugcaguuaaagcacuucuggcU.....	19	1	seq
.....cugcaguuaaagcacuucuggc.....	21	0	seq
.....cugcaguuaaagcacuucuggA.....	1	1	seq
.....cugcaguuaaagcacuucuggcU.....	15	1	seq
.....cugcaguuaaagcacuucuggcau.....	1	0	seq

Provisional ID : mun-let-7f
 Score total : 1086
 Score for star read(s) : 3.9
 Score for read counts : 1075.3
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 2121
 Mature read count : 2025
 Loop read count : 0
 Star read count : 96



Mature

Star

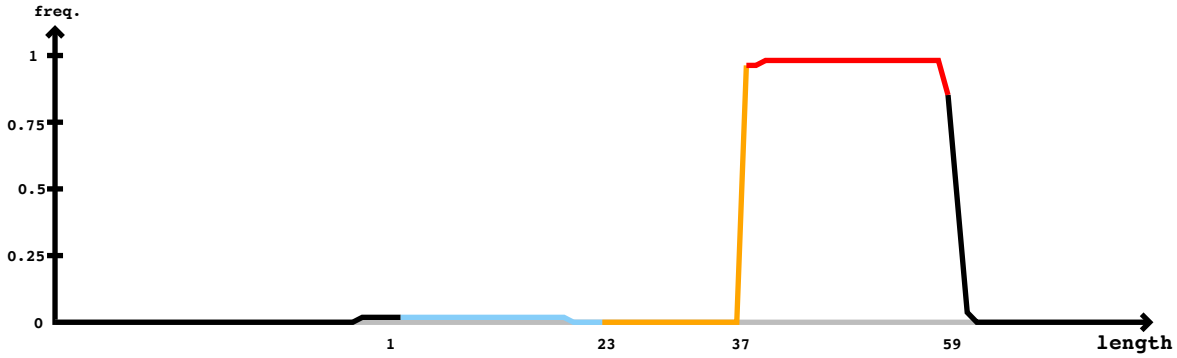
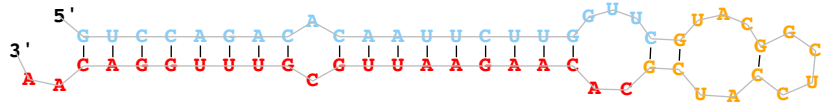
5'	obs	reads	mm	sample
uguaugcuucucugucagagugagguaguagauuguuagguuagguuauuuuuaccucguucaggagauaacuaauacaaucuauugccuuccugaggagauaaac	-3'			seq
uguaugcuucucugucagagugagguaguagauuguuagguuagguuauuuuuaccucguucaggagauaacuaauacaaucuauugccuuccugaggagauaaac	exp			seq
.....(((((((.....((.....((.....)).....				
.....Uugagguaguagauuguauagu.....	6	1	1	seq
.....Cugagguaguagauuguauagu.....	2	1	1	seq
.....Cugagguaguagauuguauaguu.....	14	1	1	seq
.....Uugagguaguagauuguauaguu.....	5	1	1	seq
.....ugagguaguagauuguuaA.....	1	1	1	seq
.....ugagguaguagauuguauU.....	14	1	1	seq
.....ugagguagAagauuguaua.....	1	1	1	seq
.....ugagguagAagauuguauag.....	1	1	1	seq
.....Ggagguaguagauuguauag.....	1	1	1	seq
.....ugaggCaguagauuguauag.....	1	1	1	seq
.....Agagguaguagauuguauag.....	1	1	1	seq
.....ugagguaguagauuguauaU.....	6	1	1	seq
.....ugaggGaguagauuguauag.....	1	1	1	seq
.....ugagguaguagauuguauaA.....	15	1	1	seq
.....ugagguaguagauuguauUgu.....	1	1	1	seq
.....ugagguaguagauuguauGgu.....	1	1	1	seq
.....ugagguauAagauuguauagu.....	2	1	1	seq
.....ugagguaguagauuguauagA.....	51	1	1	seq
.....Agagguaguagauuguauagu.....	6	1	1	seq
.....ugagguaguagauuguauaAu.....	2	1	1	seq
.....uAagguaguagauuguauagu.....	1	1	1	seq
.....ugaggAaguagauuguauagu.....	4	1	1	seq
.....ugagguaguagauugGauagu.....	1	1	1	seq
.....ugagguGguagauuguauagu.....	2	1	1	seq
.....Ggagguaguagauuguauagu.....	5	1	1	seq
.....ugagguagCagauuguauagu.....	1	1	1	seq
.....ugagguaguagauuguGuagu.....	2	1	1	seq
.....ugagguaguagauuUauagu.....	4	1	1	seq
.....ugagguaguagaCuguauagu.....	1	1	1	seq
.....ugaAguaguagauuguauagu.....	1	1	1	seq
.....ugagguagAagauuguauagu.....	2	1	1	seq
.....uUagguaguagauuguauagu.....	1	1	1	seq
.....Cgagguaguagauuguauagu.....	1	1	1	seq

Mature

Star

ugaugcuucucugucagag	ugagguaguagauuguauaguug	uagguaguauuuuaccuguucaggagauaa	cuauacaaucuauugccuucc	gaggagaaaaac			
.....	ugagguaguagauuguauaguugagg	.....	.....	.....	6	0	seq
.....	ugagguaguagauuguauaguugGagg	.....	.....	.....	1	1	seq
.....	ugagguaguagauuguauaguugU	.....	.....	.....	1	1	seq
.....	ugagguaguagauuguauaguugaggU	.....	.....	.....	1	1	seq
.....	ugagguaguagauuguauaguugagg	.....	.....	.....	1	0	seq
.....	ugagguaguagauuguauaguugGagg	.....	.....	.....	1	1	seq
.....	ugagguaguagauuguauaguugaggA	.....	.....	.....	1	1	seq
.....	agguaguagauuguauaguugu	.....	.....	.....	4	0	seq
.....	uagauaguauaguua	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	87	1	seq
.....	.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	.....	5	1	seq
.....	.....	.....	.....	.....	1	1	seq

Provisional ID : mun-miR-219b
 Score total : 5.3
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 53
 Mature read count : 53
 Loop read count : 0
 Star read count : 0



Star		Mature				
5' -	cccggccgguggagucggaaccucugcuacagau	guccagacacaauucugguuc	guacggcuccaucg	cacaagaaugcguuuggacaaucaggagcggagaucccau	-3'	exp
	.(((((((.....)))))..(((((((.....((((((((((((.....((.....))..)))))))))..))))))..)))))).....				reads	mm
	.....	.....	.....	.....	1	0
	.....	.....	.....	.....	3	0
	.....	.....	.....	.....	4	1
	.....	.....	.....	.....	25	0
	.....	.....	.....	.....	1	1
	.....	.....	.....	.....	17	0
	.....	.....	.....	.....	2	1
	.....	.....	.....	.....	1	0
	.....	.....	.....	.....	1	0

Mature

Star

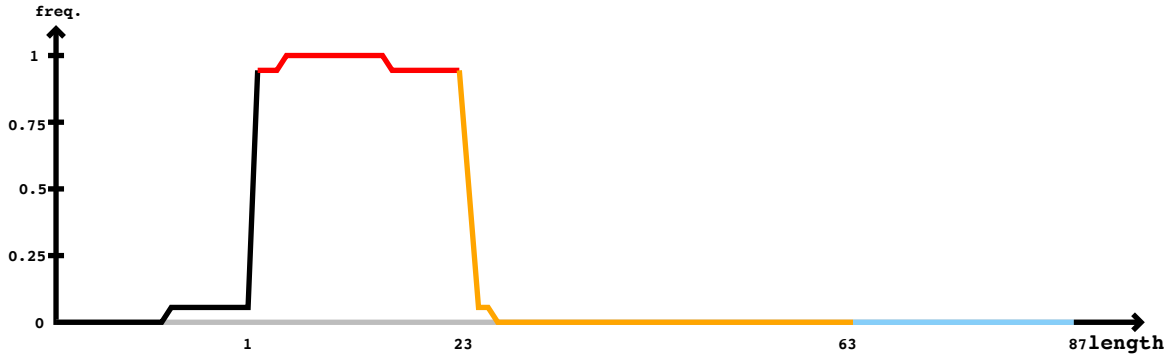
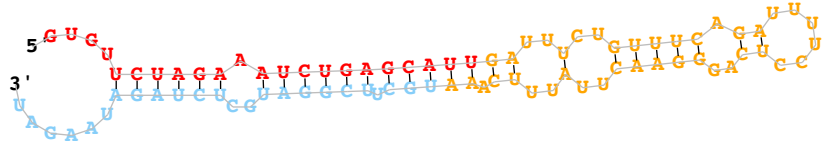
aagaugccugcacuggggaugagguaguagguuguauaguuuagggucauaccgcaacugggagauaa	2	1	seq
.....ugagguagCagguuguauagu.....	2	1	seq
.....ugagggaguagguuguauagu.....	14	1	seq
.....ugagguaguagggCuguauagu.....	1	1	seq
.....ugagguaguagguuguauagG.....	2	1	seq
.....ugagguaguagguuUuauagu.....	1	1	seq
.....ugagguagAagguuguauagu.....	1	1	seq
.....ugaUguaguagguuguauagu.....	1	1	seq
.....ugagggaguagguuguauagu.....	9	1	seq
.....ugGggguaguagguuguauagu.....	2	1	seq
.....uUagguaguagguuguauagu.....	3	1	seq
.....ugUgguaguagguuguauagu.....	1	1	seq
.....uCagguaguagguuguauagu.....	1	1	seq
.....ugagguaguagguugAauagu.....	2	1	seq
.....ugagguaguagggAuguauagu.....	1	1	seq
.....ugagguaguagguuCuauagu.....	2	1	seq
.....ugGggguaguagguuguauaguu.....	5	1	seq
.....ugagguaguGggguuguauaguu.....	6	1	seq
.....ugagguGguagguuguauaguu.....	10	1	seq
.....ugagguaguagguuUuauaguu.....	5	1	seq
.....ugaCguaguagguuguauaguu.....	1	1	seq
.....ugCggguaguagguuguauaguu.....	3	1	seq
.....ugagguaguagguuguaAaguu.....	2	1	seq
.....Agagguaguagguuguauaguu.....	18	1	seq
.....ugagguagGagguuguauaguu.....	9	1	seq
.....ugagguaguagguuguaAuu.....	3	1	seq
.....ugagguaguagggCuuguauaguu.....	11	1	seq
.....ugagguaguagguuguauagG.....	5	1	seq
.....ugaUguaguagguuguauaguu.....	5	1	seq
.....ugagguaguagguuguauagGu.....	1	1	seq
.....ugagguaguagguuguaCaguu.....	11	1	seq
.....ugagguaguagggAuguauaguu.....	4	1	seq
.....uUagguaguagguuguauaguu.....	5	1	seq
.....ugagguaguagguuguauagCu.....	4	1	seq
.....ugagguaguaUguuguauaguu.....	2	1	seq
.....ugagguaguagguuguauCguu.....	1	1	seq
.....ugagguaguagguCguauaguu.....	3	1	seq
.....ugagggaguagguuguauaguu.....	32	1	seq
.....Ggagguaguagguuguauaguu.....	17	1	seq
.....ugagguaguagguuguaGuaaguu.....	2	1	seq
.....ugagguagCagguuguauaguu.....	6	1	seq
.....ugagCuaguagguuguauaguu.....	1	1	seq
.....ugagguaguagguuguauaUuu.....	7	1	seq
.....ugagguaCuagguuguauaguu.....	1	1	seq
.....ugagUuaguagguuguauaguu.....	4	1	seq
.....ugagguUguagguuguauaguu.....	1	1	seq
.....ugagguaguagguuguaGaguu.....	1	1	seq
.....uAagguaguagguuguauaguu.....	2	1	seq
.....ugagggaguagguuguauaguu.....	43	1	seq
.....ugagguaguagguuguauaguC.....	3	1	seq
.....ugagguaguCggguuguauaguu.....	1	1	seq
.....ugagguaguagguuguauaAuu.....	1	1	seq
.....ugagguaguUggguuguauaguu.....	2	1	seq
.....ugagguaguagguugAauagu.....	1	1	seq
.....ugagguaguagguuguaaCu.....	2	1	seq
.....ugagguaguagguugGauaguu.....	3	1	seq
.....ugagguaguagguuguUuaguu.....	2	1	seq
.....ugUgguaguagguuguauaguu.....	2	1	seq
.....ugagggaguagguuguauaguu.....	23	1	seq
.....ugagguagAagguuguauaguu.....	3	1	seq
.....ugagguaguagguugCauaguu.....	5	1	seq
.....ugagguaUuagguuguauaguu.....	3	1	seq
.....ugagguaguaCguuguauaguu.....	3	1	seq
.....Cgagguaguagguuguauaguu.....	13	1	seq
.....ugagguaguagguCuauaguu.....	3	1	seq
.....ugagguaguagCuuguauaguu.....	6	1	seq
.....ugagguaguagguuAuuaguu.....	2	1	seq
.....ugagguaguagggGuuguauaguu.....	14	1	seq
.....ugagggaguagguuguauaguuu.....	14	1	seq
.....ugagguaguagggGuuguauaguuu.....	4	1	seq
.....ugagguagAagguuguauaguuu.....	2	1	seq

Mature

Star

aagaugccugcacuggggaugagguaguagguuguauguuuagggucacacccgcaacugggagauaa	5	1	seq
.....ugagguaguagguuguauguuuCu.....	2	1	seq
.....ugagguaguagguuguauguuuAuu.....	3	1	seq
.....Agagguaguagguuguauguuu.....	2	1	seq
.....ugagguaguGgguguauguuu.....	50	1	seq
.....ugagguGguagguuguauguuu.....	4	1	seq
.....uAagguaguagguuguauguuu.....	1	1	seq
.....ugagguaguagguuguauguuuA.....	28	1	seq
.....Cgagguaguagguuguauguuu.....	1	1	seq
.....ugagguaguuaUguuguauguuu.....	2	1	seq
.....ugagUuaguagguuguauguuu.....	1	1	seq
.....ugagguaguagguCguuaguuu.....	1	1	seq
.....ugagguaguagguuguauguuG.....	3	1	seq
.....ugagguaguagguuuUuuaguuu.....	2	1	seq
.....ugagguaguagguuguauguuu.....	2	1	seq
.....ugagguaguagguuuCuauaguuu.....	3	1	seq
.....ugagguagGagguuguauguuu.....	1	1	seq
.....ugagguaguagguuguauguuuG.....	79	1	seq
.....ugagguaguagguGguuaguuu.....	1	1	seq
.....ugagguaguagguuguaUuuu.....	1	1	seq
.....ugaggCaguagguuguauguuu.....	6	1	seq
.....ugagguaguagguuguauguuuA.....	1139	1	seq
.....ugaUguaguagguuguauguuu.....	5	1	seq
.....ugagguaguagguuguaUguuu.....	1	1	seq
.....ugagguaguagguuguauguuu.....	3	1	seq
.....ugaggAaguagguuguauguuu.....	10	1	seq
.....ugagguagCagguuguauguuu.....	2	1	seq
.....ugagguaguagguugCauaguuu.....	1	1	seq
.....ugaAguaguagguuguauguuu.....	1	1	seq
.....ugGguaguagguuguauguuu.....	1	1	seq
.....Ggagguaguagguuguauguuu.....	3	1	seq
.....ugagguaguagguuguauguuuA.....	1	1	seq
.....ugagguaguagguuguauguuuG.....	64	1	seq
.....Cgagguaguagguuguauguuu.....	1	1	seq
.....ugagguaguagguuguauguuu.....	4	1	seq
.....ugagguaguagguuguauguuu.....	352	0	seq
.....ugagguagGagguuguauguuu.....	1	1	seq
.....ugagguaguagguuuUuuaguuu.....	1	1	seq
.....ugagguaguagguuguauguuuG.....	20	1	seq
.....ugagguaguagguuguauguuuCu.....	7	1	seq
.....ugagguaguagguuguaCaguuuu.....	1	1	seq
.....ugagguaguagguuguauguuuA.....	93	1	seq
.....ugagguaguagguuguauguuuu.....	2	0	seq
.....ugagguaguagguuguauguuuuU.....	20	1	seq
.....ugagguaguagguuguauguuuuG.....	1	1	seq
.....ugagguaguagguuguauguuuuag.....	2	0	seq
.....ugagguaguagguuguauguuuuagA.....	1	1	seq
.....ugagguaguagguuguauguuuuagg.....	6	0	seq
.....ugagguaguagguuguauguuuuUggg.....	1	1	seq
.....ugagguaguagguuguauguuuuaggU.....	1	1	seq
.....uaguagguuguauguuuuaggU.....	1	1	seq
.....uuagggucacacccgcaacuggga.....	1	0	seq
.....cuauacaGucucugucuuu.....	1	1	seq
.....cCauacaucucugucuuu.....	1	1	seq
.....cuauacaucucugucuuuccA.....	3	1	seq
.....uauacaucucugucuuuccC.....	1	1	seq
.....uauacaucucugucuuuccuU.....	1	1	seq
.....auacaucucugucuuuccuU.....	1	1	seq

Provisional ID : mun-novel86
 Score total : 0
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 0.2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 17
 Mature read count : 17
 Loop read count : 0
 Star read count : 0



Mature

Star

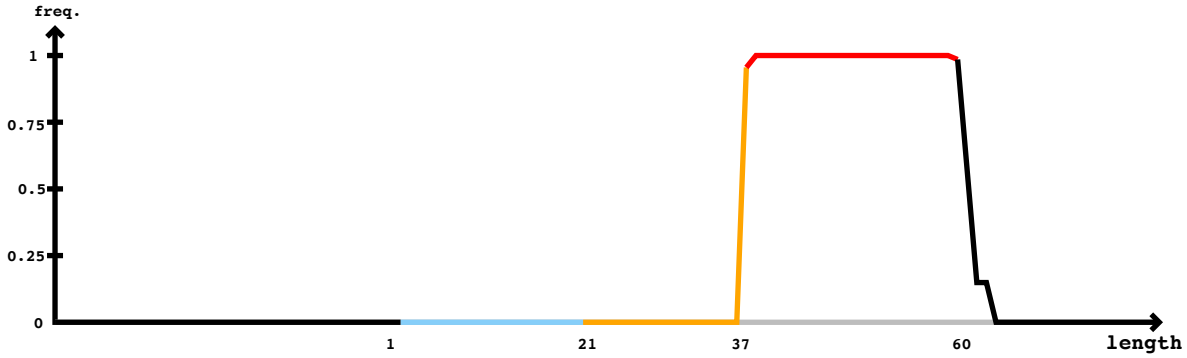
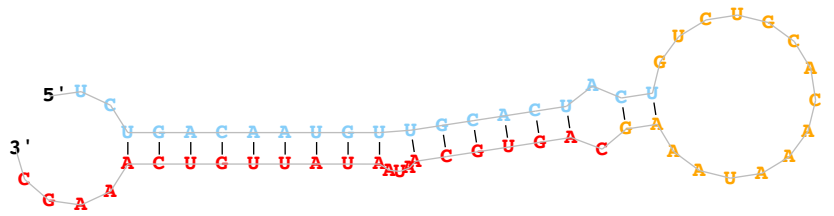
5' -		-3'	exp	mm	sample
augcuagaaaucuuugugugugu	guguuucuaagaaaucugagcau	guguuucuaagaaaucugagcau	1	0	seq
ucuuuguguguguuucuaagaauc			13	0	seq
guguuucuaagaaaucugagcau	A		3	1	seq
uucuaagaaaucugagcau	gUu		1	1	seq

Star

Mature

acggaccgcgccuccucagccuccuuggugcagugguucuaacaguucaacaguuucucuaucuaaauugugaaauguuaggaccacuugaccaggaggccccggca			
.....ugaaauguuaggaccacuuga.....	72	0	seq
.....ugaaauguuaggaccacuua.....	1	1	seq
.....ugaaauguuaggaccacuugC.....	4	1	seq
.....ugaaauguuaggaccacuugaA.....	13	1	seq
.....ugaaauguuaggaccacuugaU.....	12	1	seq
.....ugaaauguuaggaccacuugac.....	1	0	seq
.....ugaaauguuaggaccacuugacA.....	1	1	seq

Provisional ID : mun-miR-301a
 Score total : 4.5
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 403
 Mature read count : 403
 Loop read count : 0
 Star read count : 0

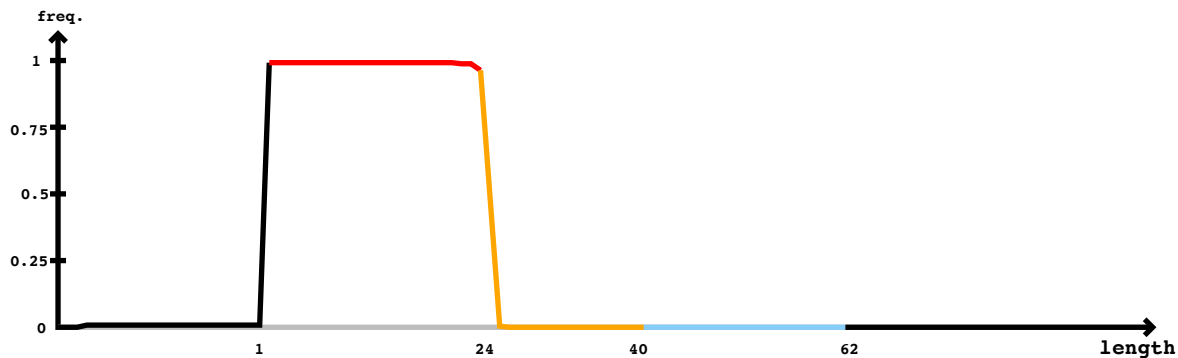
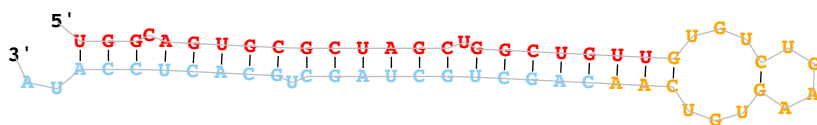


Star

Mature

5' -	Star	Mature	-3'	exp	reads	mm	sample
gcagaacgugacaguggcugcugguau	gcugacaauugc	acacugucgacaaa	uaagcagugcaauuuuuuguccaguccaaua	uaagcagugcaauuuuuuguccaguccaaua	6	0	seq
.....	1	1	seq
.....	306	0	seq
.....	1	1	seq
.....	1	1	seq
.....	13	1	seq
.....	2	0	seq
.....	55	1	seq
.....	13	0	seq
.....	2	1	seq
.....	3	1	seq

Provisional ID : mun-novel74
 Score total : 5.3
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 244
 Mature read count : 244
 Loop read count : 0
 Star read count : 0

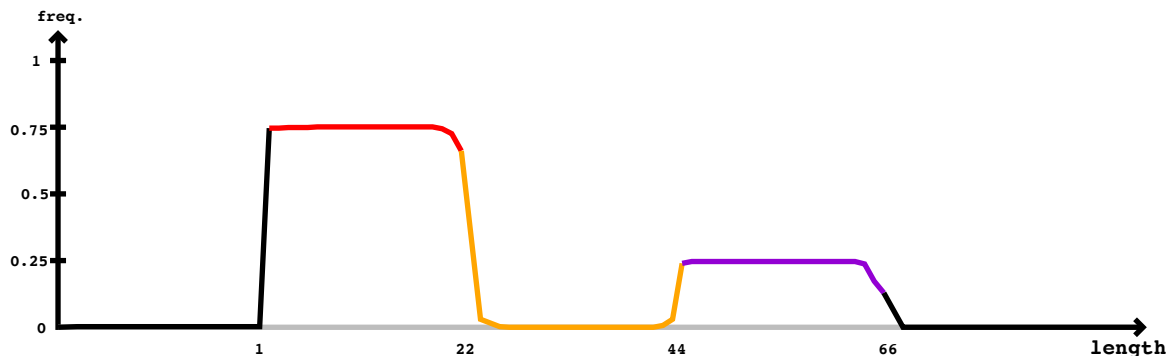
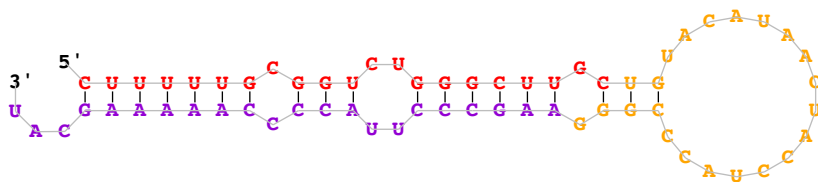


Mature

Star

5' -	reads	exp	mm	sample
cucaagaggauguaacaguc <u>uggcagugcgcuagcuggcuguu</u> gugucugaaguguaacagcugcucagcucacuccauuuuguuucuucaaaaagcaucguggaaaacuc	2	0	0	seq
.....(((((((.....))))))))).....	1	0	0	seq
.....uggcagugcgcuagcuggcu.....	6	0	0	seq
.....uggcagugcgcuagcuggcugu.....	1	1	1	seq
.....uggcagugcgcuagcuggcuguu.....	230	0	0	seq
.....uggcagugcgAuagcuggcugu.....	1	1	1	seq
.....uggcagugcgcuagcuggcuguA.....	1	1	1	seq
.....uggcagugcgcuagcuggcuguug.....	1	0	0	seq
.....uggcagugcgcuagcuggcuguuU.....	2	1	1	seq
.....uggcagugcgcuagcuggcuguugu.....	1	0	0	seq

Provisional ID :mun-miR-129
 Score total : 225.4
 Score for star read(s) : 3.9
 Score for read counts : 214.8
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 433
 Mature read count : 326
 Loop read count : 0
 Star read count : 107



Mature

Star

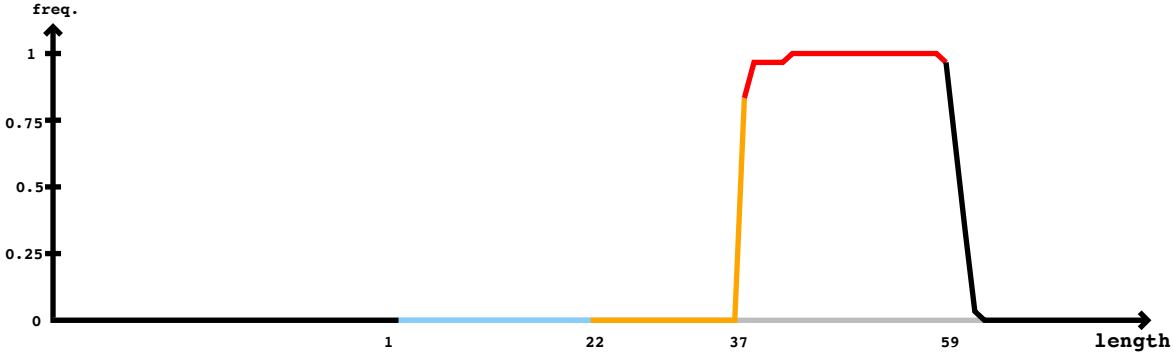
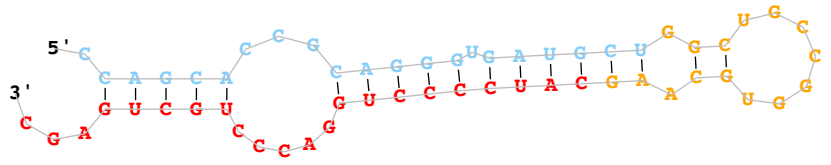
5' -	obs	reads	mm	sample
agacuuuguccuucgcgaau <u>cuuuuugcggucugggcuugc</u> uguacauaacuaccuaccgggaagcccuacc ^{3'} caaaaagcauucgaggaggcgcauucgcgaagga	exp			
agacuuuguccuucgcgaau <u>cuuuuugcggucugggcuugc</u> uguacauaacuaccuaccgggaagcccuacc ^{3'} caaaaagcauucgaggaggcgcauucgcgaagga		1	0	seq
.....(((((.....)))))).....		3	0	seq
.....cuuuuugcggucugggcu.....		8	0	seq
.....cuuuuugcggucugggcuU.....		2	1	seq
.....cuuuuugcggucugggcuug.....		25	0	seq
.....Auuuuugcggucugggcuug.....		1	1	seq
.....cuuuuugcggucugggcuugA.....		2	1	seq
.....cuuuuugcggucugggcuugG.....		1	1	seq
.....cuuuuugcggucugggcuugC.....		226	0	seq
.....cuuuuugcggucugggcuugA.....		1	1	seq
.....cuuuuugcggucugggcuugC.....		2	1	seq
.....cuuuuugcggucugggcuugU.....		13	1	seq
.....cuuuuugcggCcugggcuugcu.....		1	1	seq
.....cuuuuugcggucugggcuugcA.....		6	1	seq
.....cuuuuugcggucugggcuugcu.....		21	0	seq
.....cuuuuugcggucugggcuugcC.....		1	1	seq
.....cuuuuugcggucugggcuugcuU.....		5	1	seq
.....cuuuuugcggucugggcuugcuA.....		1	1	seq
.....cuuuuugcggucugggcuugcuUu.....		1	1	seq
.....cuuuuugcggucugggcuugcugu.....		3	0	seq
.....cuuuuugcggucugggcuugcugC.....		1	1	seq
.....uuuugcggucugggcuugcugua.....		1	0	seq
.....ugcggucugggcuugcugu.....		1	0	seq
.....ggaagcccuacc ^{3'} caaaaagc.....		3	0	seq
.....gaagcccuacc ^{3'} caaaaag.....		1	0	seq
.....gaagcccuacc ^{3'} caaaaagc.....		8	0	seq
.....gaagcccuacc ^{3'} caaaaagc.....		1	1	seq
.....aagcccuacc ^{3'} caaaaag.....		3	0	seq
.....aagcccuacc ^{3'} caaaaagc.....		17	0	seq
.....aagcccuacc ^{3'} caaaaagc.....		6	1	seq
.....aagcccuacc ^{3'} caaaaagca.....		11	0	seq
.....aagcccuacc ^{3'} caaaaagca.....		1	1	seq
.....aagcccuacc ^{3'} caaaaagcau.....		47	0	seq

Mature

Star

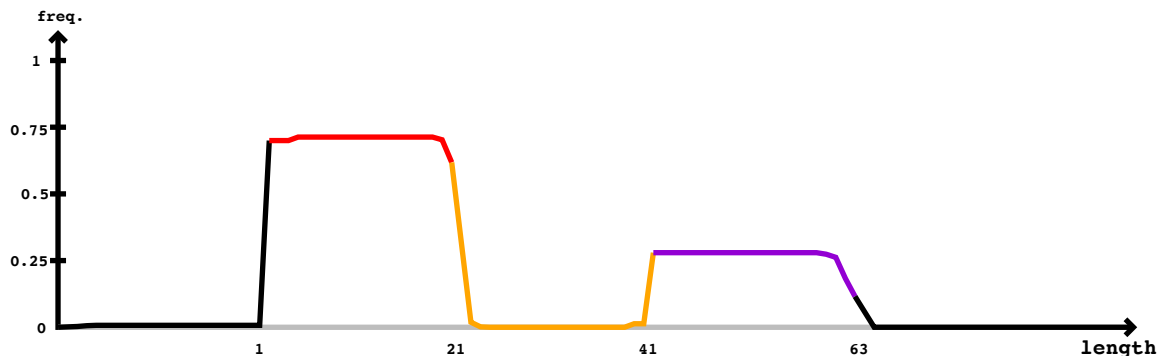
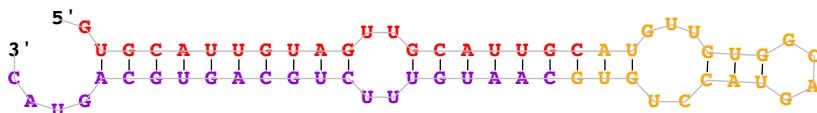
agacuuuguccuucgcgaucuuuuugcggucugggcuugcuguacauaacuaccuaccgggaagccuuacccecaaaaagcauucgcggagggcgcauucgcgaagga			
.....aagccuuacccecaaaaagcaC.....	1	1	seq
.....aagccuuacccecaaaaagcCu.....	4	1	seq
.....aagccuuacccecaaaaagcauu.....	1	0	seq
.....agccuuacccecaaaaagcCu.....	1	1	seq
.....agccuuacccecaaaaagcauu.....	2	0	seq

Provisional ID : mun-novel47
 Score total : 1.5
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2
 Score for randfold : -2.2
 Score for cons. seed : 3
 Total read count : 30
 Mature read count : 30
 Loop read count : 0
 Star read count : 0



Star	Mature			
5' - ggaacgacacggagccgcugugccgagguccagug	ccagcaccgcaggugaugcuggcugccggugcaag	cauccccuggaccugcugagc	ccucgucucucucucucuc	-3' exp
.....(((((((((.....)))))).....)).....)).....	reads	mm	sample	
.....cauccccuggaccugcugag.....	1	0	seq	
.....Aauccccuggaccugcugagc.....	1	1	seq	
.....cauccccuggaccugcugagc.....	8	0	seq	
.....cauccccuggaccugcugagcc.....	7	0	seq	
.....cauccccuggaccugcugagccU.....	6	1	seq	
.....cauccccuggaccugcugagccc.....	2	0	seq	
.....auccccuggaccugcugagc.....	2	0	seq	
.....auccccuggaccugcugagccA.....	1	1	seq	
.....auccccuggaccugcugagcccu.....	1	0	seq	
.....cuggaccugcugagcc.....	1	0	seq	

Provisional ID : mun-miR-33
 Score total : 345.7
 Score for star read(s) : 3.9
 Score for read counts : 335.1
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 669
 Mature read count : 487
 Loop read count : 0
 Star read count : 182



Mature

Star

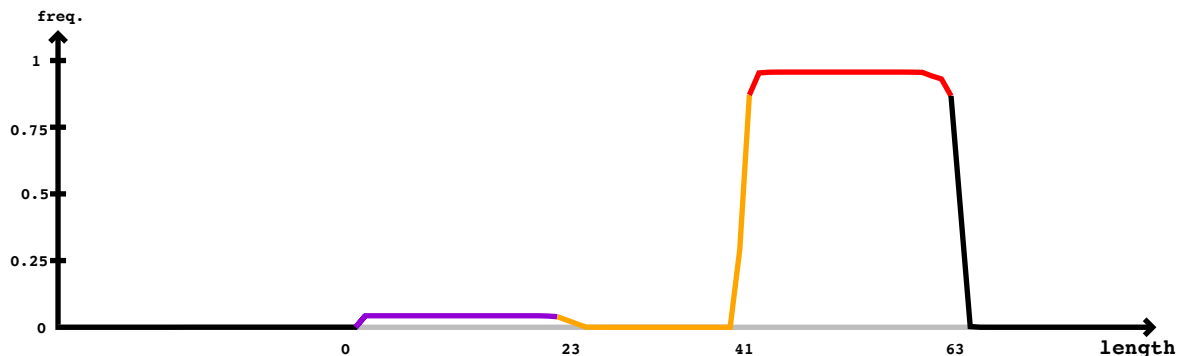
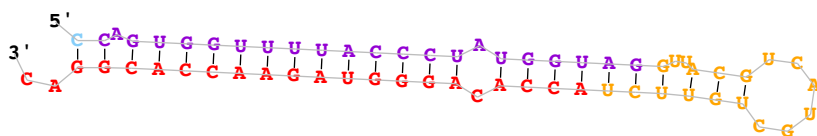
5' -	obs	reads	mm	sample
ccuccuggguggcagcugua	exp			
gugcauuguaguugcauugcauugc		2	0	seq
gugcauuguaguugcauugcauugc		2	0	seq
gugcauuguaguugcauugc		1	0	seq
gugcauuguaguugcauugc		7	0	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		56	0	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		186	0	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		13	1	seq
gugcauuguaguugcauugc		2	1	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		8	1	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		1	1	seq
gugcauuguaguugcauugc		5	1	seq
gugcauuguaguugcauugc		177	0	seq
gugcauuguaguugcauugc		1	0	seq
gugcauuguaguugcauugc		11	1	seq
gugcauuguaguugcauugc		1	1	seq
cauuguaguugcauugca		9	0	seq
ugcaauuguucugcagugca		1	0	seq
ugcaauuguucugcagugcagu		8	0	seq
cauuguucugcagugca		3	0	seq
cauuguucugcagugcag		6	0	seq
cauuguucugcagugcaU		2	1	seq
cauuguucugcagugcagu		46	0	seq
cauuguucugcagugcagua		43	0	seq

Mature

Star

ccuccuggguggcagcuguagugcauuguaguugcauugcauguuguggcaguaccugugcaauguuucugcagucagua	cagaggcacucugcuucugcagugagau			
.....	caauguuucugcagucaguu	3	1	seq
.....	caauguuucugcagucagua	13	1	seq
.....	caauguuucugcagucagua	65	1	seq
.....	caauguuucugcagucaguaa	1	1	seq

Provisional ID : mun-miR-140
 Score total : 10549
 Score for star read(s) : 3.9
 Score for read counts : 10538.2
 Score for mfe : 2.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 20682
 Mature read count : 19789
 Loop read count : 1
 Star read count : 892



Star

Mature

5' -	obs	reads	mm	sample
gcuccugcucuccaccucucuguguccugcagugguuuuaccuauagguaguuacgucaugcuguuuuaccacaggguaagaaccacggacaggaugccggggcugccucu	exp			
gcuccugcucuccaccucucuguguccugcagugguuuuaccuauagguaguuacgucaugcuguuuuaccacaggguaagaaccacggacaggaugccggggcugccucu		3	0	seq
.....ccaccucucuguguccugc.....		2	0	seq
.....caccucucuguguccugc.....		1	0	seq
.....cagugguuuuaccuauag.....		20	0	seq
.....cagugguuuuaccuauagg.....		51	0	seq
.....cagugguuuuaccuauagguU.....		2	1	seq
.....cagugguuuuaccuauaggua.....		56	0	seq
.....cagugguuuuaccuauagguC.....		2	1	seq
.....cagCgguuuuaccuauagguag.....		1	1	seq
.....cagugguuuuaccuauagguaU.....		2	1	seq
.....cagugguuuuaccuauagguA.....		18	1	seq
.....cagugguuuuaccuauagguAC.....		25	1	seq
.....cagGgguuuuaccuauagguag.....		1	1	seq
.....cagugguuuuaccuauagguag.....		573	0	seq
.....cagugguuuuaccuauUguag.....		1	1	seq
.....cagugguuuuaccuauGugguag.....		2	1	seq
.....cagugguuuuaccuauagguagA.....		8	1	seq
.....cagugguuuuaccuauagguagU.....		111	1	seq
.....cagugguuuuaccuauagguagg.....		12	0	seq
.....cagugguuuuaccuauagguagC.....		1	1	seq
.....cagugguuuuaccuauagguaggu.....		4	0	seq
.....cagugguuuuaccuauagguaggAu.....		1	1	seq
.....guuacgucaugcuguuuu.....		1	0	seq
.....uaccacaggguaagaaccU.....		2	1	seq
.....uaccacaggguaagaacca.....		4	0	seq
.....uaccacaggguaagaaccac.....		9	0	seq
.....uaccacaggguaagaaccacg.....		156	0	seq
.....uaccacagUguagaaccacg.....		1	1	seq
.....uaccacaggguaagaaccacU.....		10	1	seq
.....uaccacaggguaagaaccaca.....		2	1	seq
.....uGccacaggguaagaaccacg.....		7	1	seq
.....uaccacagCguagaaccacg.....		1	1	seq
.....uaccacGggguagaaccacg.....		1	1	seq

Star

Mature

gcuccugcuccaccucugucuccagugguuuaccuagguagguuacgucaugcuguuacaccaggguaagaaccacggacaggaugccggggcugccucu

.....uaccacaggguaagaaccacC.....	1	1	seq
.....uaccacaggguaagaaccaUg.....	2	1	seq
.....Gaccacaggguaagaaccacg.....	1	1	seq
.....uaccacagggCagaaccacg.....	1	1	seq
.....uaccacagggGagaaccacg.....	1	1	seq
.....uaccacaggguaagaaccacgA.....	4	1	seq
.....uaccacagggUGaaccacgg.....	1	1	seq
.....uaccacaggguaagaaccacgg.....	161	0	seq
.....UGccacaggguaagaaccacgg.....	1	1	seq
.....uaccacGggguagaaccacgg.....	1	1	seq
.....uaccacaggguaagaaccacgU.....	6	1	seq
.....uaccacaggguaagaUcacgga.....	2	1	seq
.....uaccacaggguaagaaccaAgga.....	1	1	seq
.....uaccacaggguaagaaccacggA.....	911	0	seq
.....Aaccacaggguaagaaccacgga.....	4	1	seq
.....uaccacaggguaagaaccacggU.....	14	1	seq
.....uaccacaggguaagaaccacggG.....	3	1	seq
.....uaccacagggGagaaccacgga.....	1	1	seq
.....uaccacaAgguagaaccacgga.....	1	1	seq
.....uaccacaggguaagaaccaUgga.....	1	1	seq
.....uaccacagggCagaaccacgga.....	1	1	seq
.....UGccacaggguaagaaccacgga.....	13	1	seq
.....uaccacGggguagaaccacgga.....	5	1	seq
.....Caccacaggguaagaaccacgga.....	1	1	seq
.....uaccacagggAagaaccacggac.....	1	1	seq
.....uaccacaggguaagaaccaAggac.....	1	1	seq
.....uaccacaggguaagaaccacggaA.....	1033	1	seq
.....uaccacaUgguagaaccacggac.....	1	1	seq
.....uaccacaggguaagaaccacggaU.....	93	1	seq
.....uaccacaggguaUaaccacggac.....	1	1	seq
.....uaccacaggguaagaaccCggac.....	1	1	seq
.....uaccaAaggguaagaaccacggac.....	1	1	seq
.....uaccacaggguaagaaccacggac.....	1679	0	seq
.....uaccacaggguaagaaccaUggac.....	1	1	seq
.....UGccacaggguaagaaccacggac.....	5	1	seq
.....Caccacaggguaagaaccacggac.....	1	1	seq
.....uaccacagggGagaaccacggac.....	2	1	seq
.....uaccacaggguaagaaccacggag.....	3	1	seq
.....uaccacagggUGaaccacggac.....	3	1	seq
.....uacAacaggguaagaaccacggac.....	1	1	seq
.....uaccacGggguagaaccacggac.....	10	1	seq
.....uaccacagggCagaaccacggac.....	1	1	seq
.....uaccacaggguaagaaccacggaGa.....	14	1	seq
.....uaccaUaggguaagaaccacggaca.....	1	1	seq
.....uaccacaggguaagaaccaUggaca.....	1	1	seq
.....uaccacaggguaagaaccacggacU.....	1649	1	seq
.....uaccacaggguaagaaccacggaAa.....	49	1	seq
.....UGccacaggguaagaaccacggaca.....	2	1	seq
.....uaccacaggguaagaaccacggaca.....	117	0	seq
.....uaccacaggguaagaaccacggacC.....	18	1	seq
.....uaccacaggguaagaaccacggacG.....	8	1	seq
.....uaccacaggguaagaaccacggacaU.....	4	1	seq
.....uaccacaggguaagaaccacggacUg.....	1	1	seq
.....Gccacaggguaagaaccac.....	1	1	seq
.....accacaggguaagaaccac.....	4	0	seq
.....accacaggguaagaaccacg.....	93	0	seq
.....accacGggguagaaccacg.....	1	1	seq
.....accacaggguaUaaccacgg.....	1	1	seq
.....accacaggguaagaaccacgg.....	50	0	seq
.....accacaggguaagaaccacgU.....	4	1	seq
.....accacaggguaagaUcacgga.....	1	1	seq
.....accacaggguaagaaccacggU.....	2	1	seq
.....accacaggguaagaaccacgga.....	331	0	seq
.....accacaggguaagaaccacUga.....	1	1	seq
.....accacagggAagaaccacgga.....	2	1	seq
.....accacagggGagaaccacgga.....	1	1	seq
.....accacGggguagaaccacgga.....	2	1	seq
.....accacaggguaagaaccacgUa.....	1	1	seq
.....accacaggguaagaaccacUgac.....	2	1	seq
.....accacaggguaagaaccacUgac.....	3	1	seq

Star

Mature

gcuccugcuccaccucugucuccagugguuuuaccuagguaguuacgucaugcuguuucuaaccacagguagaaccacggacaggaugccggggcugccucu

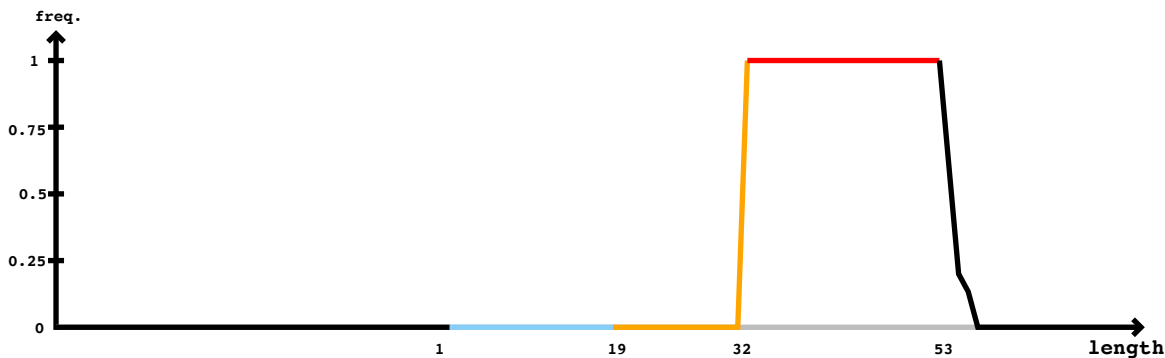
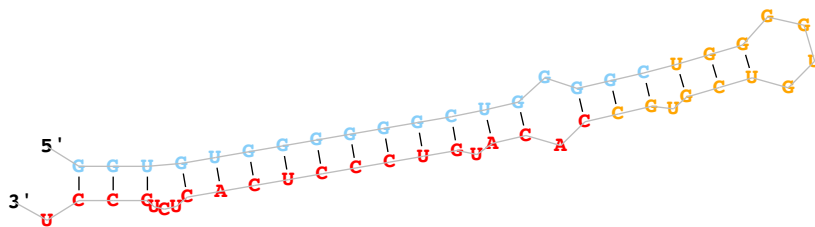
.....accacaggguaagaaccacggGc.....	2	1	seq
.....accacaggguaagaaccacggG.....	3	1	seq
.....acAacaggguaagaaccacggG.....	1	1	seq
.....accacaggguaagaaccacGc.....	1	1	seq
.....accacaCgguaagaaccacggG.....	1	1	seq
.....accacagUguaagaaccacggG.....	2	1	seq
.....accacaggguaagaaccacggG.....	5757	0	seq
.....accacGggguagaaccacggG.....	15	1	seq
.....aGacaggguaagaaccacggG.....	1	1	seq
.....accacaggguaagaaccacGAc.....	2	1	seq
.....accacagggGgaaccacggG.....	18	1	seq
.....accacagAguaagaaccacggG.....	1	1	seq
.....accacaggguaGaccacggG.....	1	1	seq
.....GccacaggguaagaaccacggG.....	5	1	seq
.....accacaggguaaUcacggG.....	1	1	seq
.....accacagggCagaaccacggG.....	3	1	seq
.....accacaUgguaagaaccacggG.....	2	1	seq
.....accacagggAagaaccacggG.....	5	1	seq
.....accacaAgguaagaaccacggG.....	1	1	seq
.....accacagggGagaaccacggG.....	5	1	seq
.....aAcacaggguaagaaccacggG.....	2	1	seq
.....accacaggguaagaaccacggaA.....	263	1	seq
.....accacaggguaagaaccacAgG.....	1	1	seq
.....accacaggguaagaaccacggaU.....	82	1	seq
.....accaAaggguaagaaccacggG.....	1	1	seq
.....accacaggguaagaaccaAggG.....	1	1	seq
.....accGcaggguaagaaccacggG.....	2	1	seq
.....CccacaggguaagaaccacggG.....	2	1	seq
.....accacaggguaagaaccaUggG.....	1	1	seq
.....accacaggguaagaGccacggG.....	1	1	seq
.....accacaggguaagaaccacggCca.....	1	1	seq
.....accacGggguagaaccacggGca.....	4	1	seq
.....accacaggguaagaaccacggGcG.....	67	1	seq
.....accacaggguaagaaccacggGaca.....	529	0	seq
.....accacaggguaagaaccacggaUa.....	4	1	seq
.....accacagggCagaaccacggGaca.....	1	1	seq
.....accacaggguaagaaccacggGacU.....	4341	1	seq
.....GccacaggguaagaaccacggGaca.....	1	1	seq
.....accacagggGgaaccacggGaca.....	4	1	seq
.....accacaggguaagaaccacggaAa.....	160	1	seq
.....accacaggguaagaaccacggaGa.....	5	1	seq
.....accacaggguaagaaccacggGcC.....	132	1	seq
.....accacaggguaagaaccacggGcUg.....	4	1	seq
.....accacaggguaagaaccacggGcaA.....	11	1	seq
.....accacaggguaagaaccacggGcaC.....	1	1	seq
.....accacaggguaagaaccacggGcaU.....	25	1	seq
.....accacaggguaagaaccacggaAag.....	1	1	seq
.....accacaggguaagaaccacggGacag.....	3	0	seq
.....accacaggguaagaaccacggaUag.....	1	1	seq
.....accacaggguaagaaccacggGacagU.....	2	1	seq
.....ccacGggguagaaccacg.....	1	1	seq
.....ccacaggguaagaaccacg.....	1	0	seq
.....ccacaggguaagaaccacgga.....	13	0	seq
.....ccacaggguaagaaccacggG.....	143	0	seq
.....ccacaggguaagaaccacggaG.....	1	1	seq
.....ccacGggguagaaccacggG.....	1	1	seq
.....ccacagggGgaaccacggG.....	2	1	seq
.....ccacaggguaagaaccacggaU.....	2	1	seq
.....ccacaggguaagaaccacggaA.....	10	1	seq
.....ccacaggguaagaacAacggGaca.....	1	1	seq
.....ccacaggguaagaaccacggGcG.....	7	1	seq
.....ccacaggguaagaaccacggGcU.....	1478	1	seq
.....ccacaggguaagaaccacggGaca.....	21	0	seq
.....ccacaggguaagaaccacggGcC.....	27	1	seq
.....ccacaggguaagaaccacggaAa.....	2	1	seq
.....ccacaggguaagaaccacggGcUg.....	1	1	seq
.....cacaggguaagaaccacgga.....	2	0	seq
.....cacaggguaagaaccacggG.....	1	0	seq
.....cacaggguaagaaccacggGcU.....	45	1	seq
.....cacaggguaagaaccacggGaca.....	1	0	seq

Star

Mature

gcuccugcuccaccucucuguguccgagugguuuuaccuaugguagguuacgucaugcuguuucuaaccagggugaaccacggacaggaugccggggcugccucu			
.....cacagggugaaccacggacC.....	2	1	seq
.....cacagggugaaccacggacag.....	1	0	seq
.....acagggugaaccacgga.....	1	0	seq
.....acagggugaaccacggaA.....	1	1	seq
.....acagggugaaccacggac.....	3	0	seq
.....acagggugaaccacggacU.....	7	1	seq
.....acagggugaaccacggaca.....	1	0	seq

Provisional ID :mun-novel61
 Score total : 1.9
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 15
 Mature read count : 15
 Loop read count : 0
 Star read count : 0



Star **Mature**

5' -	gaaaugaaggcagugcaugagaaccuggcaggugaggagg	ggugugggggcuggggcuggggugugugc	cacauguccucacucugccu	ccugccugcagguguccgga	-3'	exp		
	.....(((((.....((((.....((((.....((((.....((((.....((((.....)))))))))))))))))))))).....)))))))))))))))))).....)))))).....				reads	mm	sample	
	.....cacauguccucacucugccA.....				2	1	seq	
	.....cacauguccucacucugccu.....				5	0	seq	
	.....cacauguccucCucugccu.....				5	1	seq	
	.....cacauguccucacucugccucc.....				1	0	seq	
	.....cacauguccucacucugccuccu.....				2	0	seq	

Star

Mature

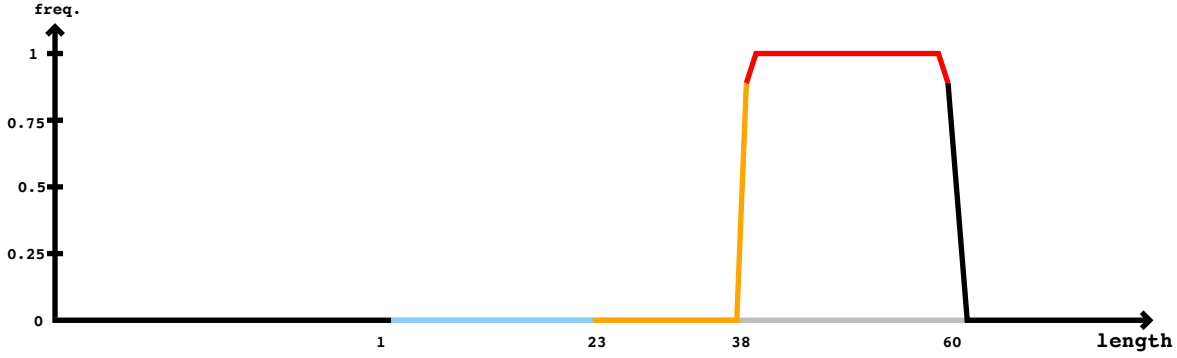
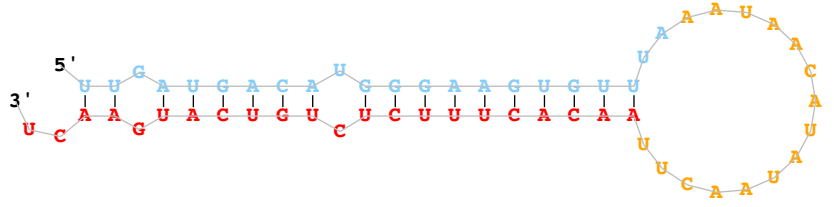
Sequence	Star Count	Mature Count	Category
.....ucacagCgaaccggucucu.....	1	1	seq
.....ucacagugaaccggGcucu.....	2	1	seq
.....ucacagugaaccggucucuA.....	6	1	seq
.....ucacagGgaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucuC.....	5	1	seq
.....ucaAagugaaccggucucu.....	1	1	seq
.....ucacagugaaccggAcucu.....	1	1	seq
.....ucacaAugaaccggucucu.....	1	1	seq
.....ucacaUugaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucuUuu.....	5	1	seq
.....ucacagugaaccggucucuAu.....	1	1	seq
.....ucacagugaUcggucucu.....	3	1	seq
.....ucacagugaaccggucucuG.....	6	1	seq
.....Gcacagugaaccggucucu.....	1	1	seq
.....ucacagugaacUggucucu.....	1	1	seq
.....ucacagugaaccggucucu.....	1603	0	seq
.....ucacagugaUcggucucuuu.....	1	1	seq
.....ucacagugaUcggucucuuu.....	4	1	seq
.....ucacagugaaccggCcucu.....	2	1	seq
.....ucacaguAaaccggucucu.....	1	1	seq
.....ucaUagugaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucu.....	5401	0	seq
.....ucacagugaaccggAuucu.....	1	1	seq
.....ucacaCugaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucuUuu.....	10	1	seq
.....ucacagugaaccAgucucu.....	1	1	seq
.....ucacagugaaccggucucuAuu.....	1	1	seq
.....ucacaguUaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucuCuu.....	1	1	seq
.....Ccacagugaaccggucucu.....	3	1	seq
.....ucacaAugaaccggucucu.....	2	1	seq
.....ucacaUugaaccggucucu.....	2	1	seq
.....ucacagugaaccggucucuAu.....	22	1	seq
.....ucacagugaaccggucucuA.....	33	1	seq
.....ucacagugaaccggAcucu.....	2	1	seq
.....ucacagugaaccggucucuG.....	9	1	seq
.....ucacagugaaccggucucuGu.....	1	1	seq
.....ucacagugaaccggucucuGuu.....	2	1	seq
.....ucacagugaaccggucucuuu.....	1	1	seq
.....Gcacagugaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucuCu.....	6	1	seq
.....ucUcagugaaccggucucu.....	2	1	seq
.....ucacagugaaccggucucuC.....	33	1	seq
.....ucacagugGaccggucucu.....	4	1	seq
.....ucacagCgaaccggucucu.....	1	1	seq
.....ucacagugaaccggGcucu.....	6	1	seq
.....uUacagugaaccggucucu.....	2	1	seq
.....Acacagugaaccggucucu.....	2	1	seq
.....ucacagGgaaccggucucu.....	2	1	seq
.....uGacagugaaccggucucu.....	2	1	seq
.....ucacagugaaccggucucuAu.....	41	1	seq
.....ucacagAgaaccggucucu.....	1	1	seq
.....Acacagugaaccggucucu.....	2	1	seq
.....ucacagugaaccggucucuAuu.....	2	1	seq
.....ucacagugaaccggucucuGuu.....	1	1	seq
.....uAacagugaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucu.....	1256	0	seq
.....uUacagugaaccggucucu.....	1	1	seq
.....uGacagugaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucuC.....	46	1	seq
.....Ccacagugaaccggucucu.....	1	1	seq
.....ucacagugaUcggucucu.....	2	1	seq
.....ucacagugaaccggGcucu.....	3	1	seq
.....ucacagugaaccggucucuGu.....	1	1	seq
.....ucaAagugaaccggucucu.....	1	1	seq
.....ucacagugaaccggucucuG.....	11	1	seq
.....ucacagugaaccggucucuUuu.....	4	1	seq
.....ucacagCgaaccggucucu.....	2	1	seq
.....ucacagugaaccggucucuCu.....	10	1	seq
.....ucacagugaaccggucucuA.....	142	1	seq

Star

Mature

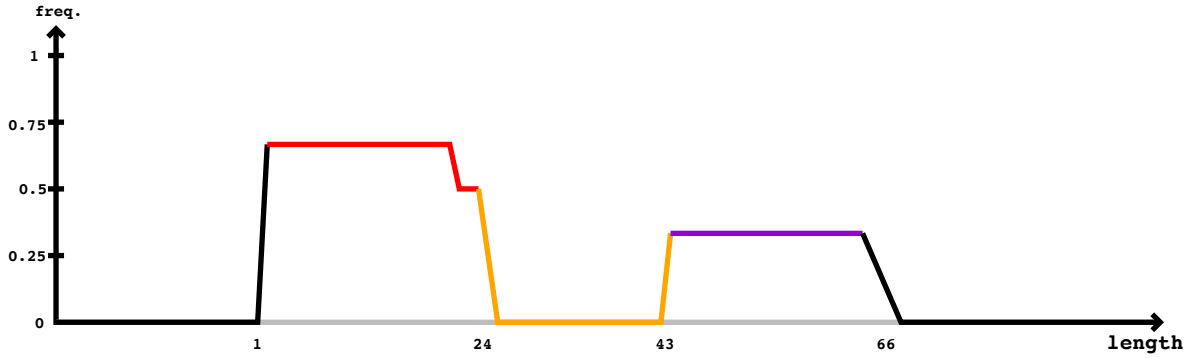
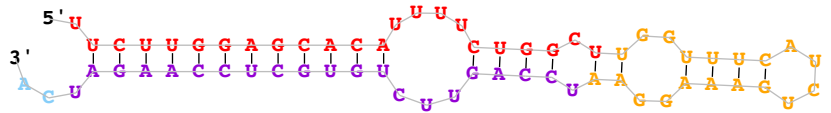
ggacuggccugaguuuuuuugagcuguuggauucggggccguaaacugucugagaggguuacauuuucacacaguaaccggucucuuuucacagcugcuuccuggcuuc			
.....ucacaguaaccggucuuuuuu.....	1	1	seq
.....ucacaguaaccggucuuuuGu.....	7	1	seq
.....ucacaguaaccggucuuuuuu.....	1	1	seq
.....ucacaguaaccggucuuuuuu.....	161	1	seq
.....ucacaguaaccggucuuuuuu.....	1	1	seq
.....ucacaguaaccggucuuuuuu.....	199	0	seq
.....ucacaguaaccggucuuuuuu.....	1	1	seq
.....ucacaguaaccggucuuuuuuG.....	3	1	seq
.....ucacaguaaccggucuuuuuuCu.....	8	1	seq
.....ucacaguaaccggucuuuuuuA.....	18	1	seq
.....ucacaguaaccggucuuuuuuU.....	40	1	seq
.....ucacaguaaccggucuuuuuuuc.....	4	0	seq
.....cacaguaaccggucuuuu.....	1	0	seq
.....cacaguaaccggucuuuuuu.....	1	1	seq
.....cacaguaaccggucuuuuuu.....	1	0	seq
.....cacaguaaccggucuuuuuuU.....	1	1	seq
.....acaguaaccggucuuuuuu.....	1	0	seq
.....caguaaccggucuuuuuu.....	1	1	seq

Provisional ID :mun-novel75
 Score total : 0.2
 Score for star read(s) : -1.3
 Score for read counts : -1.3
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 9
 Mature read count : 9
 Loop read count : 0
 Star read count : 0



	Star	Mature			
5' -	cuacuaugcauaugguuauugagauagcagg	uugaugacaugggauguguuuuuuuuacauuuuacuuuuacacuuucucugucaugaacuuu	uguuuuuuuacacacucaga	-3'	exp
				reads	mm
				1	0
				5	0
				2	0
				1	0
					seq

Provisional ID : mun-novel54
 Score total : 4.1
 Score for star read(s) : 3.9
 Score for read counts : -2.8
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 6
 Mature read count : 4
 Loop read count : 0
 Star read count : 2

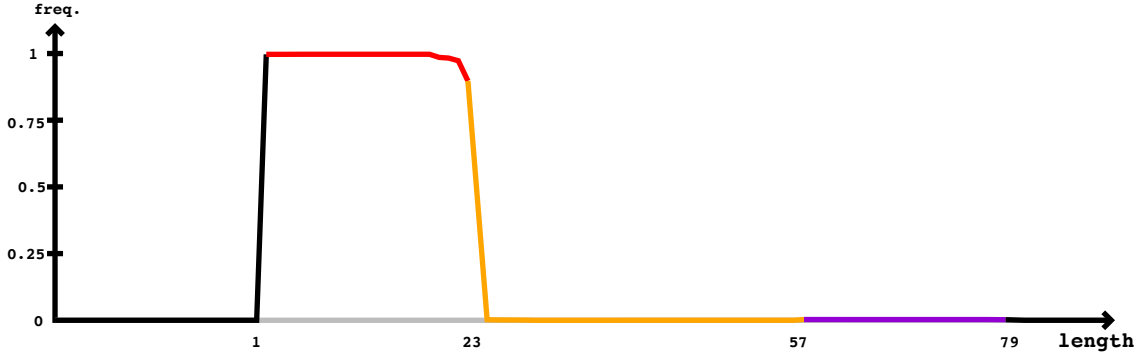
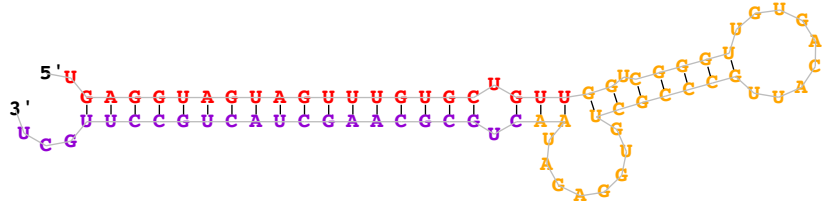


Mature

Star

5' -		-3'	obs	mm	sample
gaugcagcacauuagaugug	uucugggagcacauuucuggcuugguucaucugaaaggaauccaguucugugcuccaagau	cacaacaugaugugaaccacugcaaaguaa	1	0	seq
gaugcagcacauuagaugug	uucugggagcacauuucuggcuugguucaucugaaaggaauccaguucugugcuccaagau	caacaugaugugaaccacugcaaaguaa	3	0	seq
.....	.....	.....	2	0	seq

Provisional ID : mun-let-7i
 Score total : 4793
 Score for star read(s) : 3.9
 Score for read counts : 4782.3
 Score for mfe : 2.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 9392
 Mature read count : 9366
 Loop read count : 1
 Star read count : 25



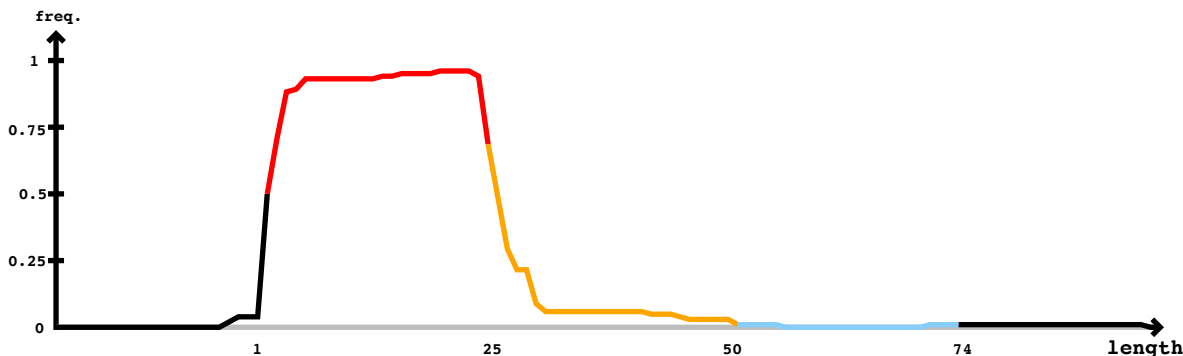
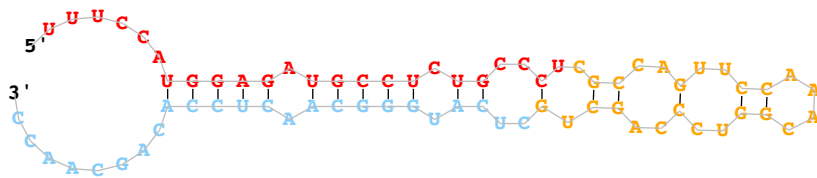
5' -	Mature	Star	obs	mm	sample
			reads		
gggugcaccagggccuccgug	ugagguaguaguuuugucgugu	gggugcaccagggccuccgug	1	1	seq
gggugcaccagggccuccgug	ugagguaguaguuuugucgugu	gggugcaccagggccuccgug	108	0	seq
.....(((((((((.....)))))))))	1	1	seq
.....ugagggGaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	108	0	seq
.....ugagggAaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	24	0	seq
.....ugagguaguaguuuugucg...	84	0	seq
.....Agagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	3	1	seq
.....ugagguaguaguuuugucg...	5	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....Ggagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	697	0	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	3	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	2	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	4	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugaAguaguaguuuugucg...	1	1	seq
.....ugaUguaguaguuuugucg...	2	1	seq
.....ugagguaguaguuuugucg...	1	1	seq
.....ugagguaguaguuuugucg...	2	1	seq
.....ugagguaguaguuuugucg...	2	1	seq
.....uUagguaguaguuuugucg...	1	1	seq

Mature

Star

Sequence	Mature Count	Star Count	Category
gggugcaccagggccuccugcugagguaguaguuuugugcuguugggcggguugugacauugccccgucugggagauaacugcgcaagcuacugccuugcuagugcuggug			
.....ugagguaguaguuuAgcuguu.....	1	1	seq
.....Cgagguaguaguuuugugcuguu.....	2	1	seq
.....Ggagguaguaguuuugugcuguu.....	1	1	seq
.....ugagggCaguaguuuugugcuguu.....	2	1	seq
.....ugagguaguaguuuCugcuguu.....	1	1	seq
.....ugGggguaguaguuuugugcuguu.....	2	1	seq
.....ugagguaguaguuuugugcuguuA.....	8	1	seq
.....Agagguaguaguuuugugcuguu.....	2	1	seq
.....ugagguaguaguuuuguUcuguu.....	2	1	seq
.....ugagguaguaguuuAugugcuguu.....	1	1	seq
.....ugagggAaguaguuuugugcuguu.....	9	1	seq
.....ugagguagGaguuuugugcuguu.....	1	1	seq
.....ugagguaguaguuuugugcuguuC.....	1	1	seq
.....ugagggGaguaguuuugugcuguu.....	13	1	seq
.....ugagguaguaguuuugugcuguu.....	5618	0	seq
.....ugagguaguaguuuUugcuguu.....	1	1	seq
.....ugagguaguaguuuuuAucuguu.....	3	1	seq
.....ugagguaguauuuugugcuguu.....	2	1	seq
.....ugagguaguaguuuugugcuguuug.....	18	0	seq
.....ugagguaguaguuuugugcuguuuc.....	14	1	seq
.....ugagguaguaguuuugugcuguuua.....	912	1	seq
.....ugagguaguaguuuugugcuguuuaG.....	1	1	seq
.....ugagguaguaguuuugugcuguuU.....	1777	1	seq
.....ugagguaguaguuuugugcuguuugU.....	8	1	seq
.....ugagguaguaguuuugugcuguuuggu.....	2	0	seq
.....ugagguaguaguuuugugcuguuugguc.....	2	0	seq
.....ugagguaguaguuuugugcuguuuggucg.....	2	0	seq
.....ugagguaguaguuuugugcuguuuggucgg.....	5	0	seq
.....ugagguaguaguuuugugcuguuuggucgU.....	1	1	seq
.....agguaguaguuuugugcuguuua.....	1	1	seq
.....gguaguaguuuugugcuguu.....	1	0	seq
.....guaguaguuuugugcuguu.....	1	0	seq
.....uugccccgucugggagauaacugc.....	1	0	seq
.....cugcgcaagcuacugccuug.....	2	0	seq
.....cugcgcaagcuacugccuugc.....	3	0	seq
.....cugcgcaagcuacugccuugcu.....	18	0	seq
.....cugcgcaagcuacugccuugcC.....	1	1	seq
.....cugcgcaagcuacugccuuaCu.....	1	1	seq

Provisional ID :mun-novel8
 Score total : 0.3
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 0.8
 Score for randfold : -2.2
 Score for cons. seed : 3
 Total read count : 92
 Mature read count : 89
 Loop read count : 3
 Star read count : 0



Mature

Star

5' -	reads	mm	sample
acgcaacaauGCCCCGUGGUUUCCAUGGAGAUCCUCUGCCCUcgccaguuccaaacgguccagcugcucaugggcaacuccacagcaaccuccugaagcuuugugauggug	1	0	seq
.....guUguuuccauggagauccucugccc.....	1	0	seq
.....gugguuccauggagauccucugcccu.....	1	0	seq
.....ugguuccauggagauccucugcccu.....	1	0	seq
.....uUguuuccauggagauccucugcccu.....	1	1	seq
.....uuccauggagauccucugccc.....	1	0	seq
.....uuccauggagauccucugccc.....	15	0	seq
.....uuccauggagauccucugcccu.....	20	0	seq
.....uuccauggagauccucugcccA.....	1	1	seq
.....uuccauggagauccucugcccu.....	1	0	seq
.....uuccauggagauccucugcccucU.....	2	1	seq
.....uuccauggagauccucugcccucgcc.....	3	0	seq
.....uuccauggagauccucugcccucgcca.....	1	0	seq
.....uuccauggagauccucugcccucgccU.....	1	1	seq
.....uuccauggagauccucugcccucgccag.....	1	0	seq
.....uuccauggagauccuUugcccuugccagU.....	1	1	seq
.....uuccauggagauccucugccc.....	5	0	seq
.....uuccauggagauccucugcccu.....	12	0	seq
.....uuccauggagauccucugcccucgcc.....	4	0	seq
.....uccauggagauccucugccc.....	1	0	seq
.....uccauggagauccucugccc.....	3	0	seq
.....uccauggagauccucugcccu.....	2	0	seq
.....uccauggagauccucugcccuc.....	1	0	seq
.....uccauggagauccucugcccucg.....	4	0	seq
.....uccauggagauccuUugccucg.....	1	1	seq
.....uccauggagauccucugcccucgcc.....	6	0	seq
.....ccauggagauccucugcccucg.....	1	0	seq
.....caCggagauccucugccc.....	1	1	seq
.....cauggagauccucugccc.....	2	0	seq
.....cauggagauccucugcccucgccU.....	1	1	seq
.....ugccucugcccucgccaguuccaaacgg.....	1	0	seq
.....ccucugcccuUgccaguuccaaacggucc.....	1	1	seq
.....ugccucugcccucgccaguuccaaacggucc.....	1	0	seq
.....ucgccaguuccaaacgguccagcug.....	1	0	seq
.....uuccaacgguccagcug.....	1	0	seq

Mature

Star

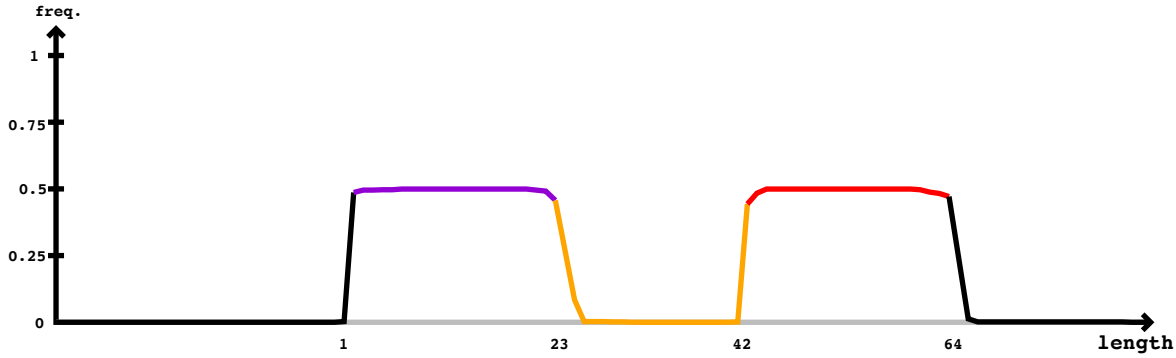
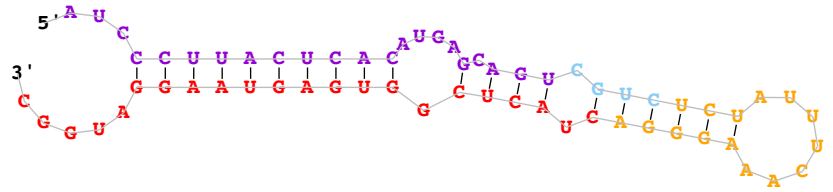
acgcaacaaugccccgugguuccauggagaugccucugccucgccaguuccaaacgguccagcugcucaugggcaacuccacagcaaccuccugaagcuuugugauggug
.....uccaaacgguUccagcugcucau..... 1 1 seq
.....aaccuccugaagcuuugugauggA. 1 1 seq

Star

Mature

ccuuagccugagugagugccugccgauugcugucuuaaccaggcaaaguagaucuagcuaucugugucuaauacugucugguaaugccgucaaucgcaucggcaaaagg			
.....uaauacugucugguaaugccgC.....	1	1	seq
.....uaauacugucugguaaugccgu.....	495	0	seq
.....uaauacugucugguaaugccguA.....	9	1	seq
.....uaauacugucugguaaugccguG.....	1	1	seq
.....uaauacugucugguaaugccguU.....	113	1	seq
.....uaauacugucugguaaugccguc.....	7	0	seq
.....uaauacugucugguaaugccguUa.....	1	1	seq
.....uaauacugucugguaaugccguca.....	1	0	seq
.....uaauacugucugguaaugccguAa.....	2	1	seq
.....uaauacugucugguaaugccgucU.....	6	1	seq
.....uaauacugucugguaaugccguGa.....	1	1	seq
.....aauacugucugguaaugccgu.....	1	0	seq
.....aauacugucugguaaugccguU.....	1	1	seq

Provisional ID : mun-miR-1729
 Score total : 403.4
 Score for star read(s) : 3.9
 Score for read counts : 392.7
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 782
 Mature read count : 391
 Loop read count : 0
 Star read count : 391



Star **Mature**

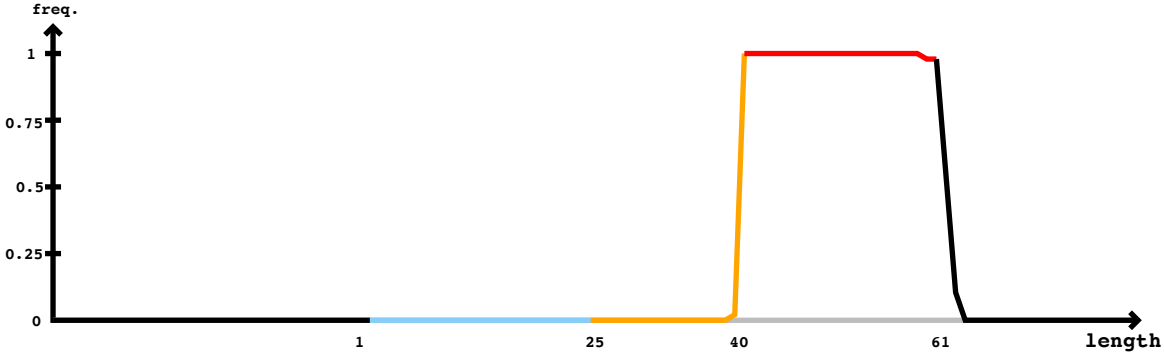
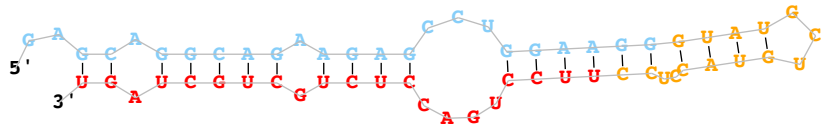
5' -	Star	Mature	-3'	obs	mm	sample
uccucugugguagacaggccugauccugc	a	u	uccucugugguagacaggccugauccugc	2	0	seq
.....	3	0	seq
.....	3	0	seq
.....	3	1	seq
.....	23	0	seq
.....	1	1	seq
.....	1	1	seq
.....	168	0	seq
.....	1	1	seq
.....	112	0	seq
.....	2	1	seq
.....	5	1	seq
.....	1	0	seq
.....	2	1	seq
.....	54	1	seq
.....	5	0	seq
.....	2	1	seq
.....	1	1	seq
.....	1	0	seq
.....	1	0	seq
.....	1	1	seq
.....	2	0	seq
.....	7	0	seq
.....	2	0	seq
.....	1	1	seq
.....	7	0	seq
.....	3	1	seq
.....	186	0	seq
.....	17	1	seq
.....	16	1	seq
.....	1	1	seq
.....	13	0	seq
.....	4	1	seq

Star

Mature

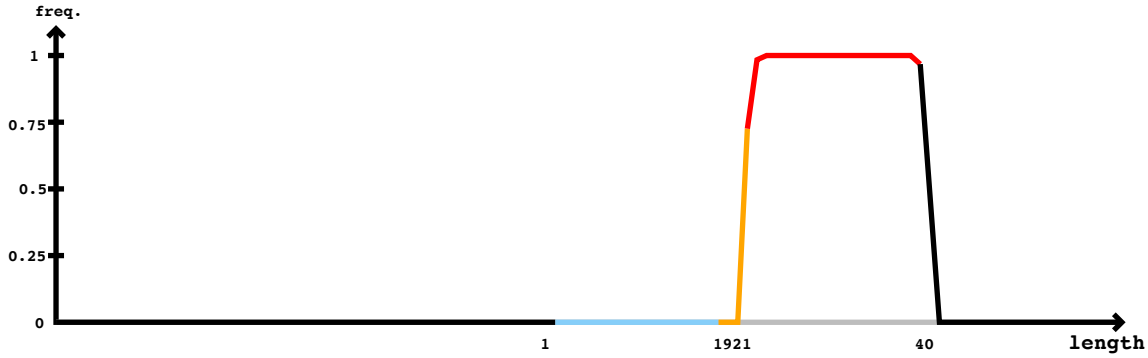
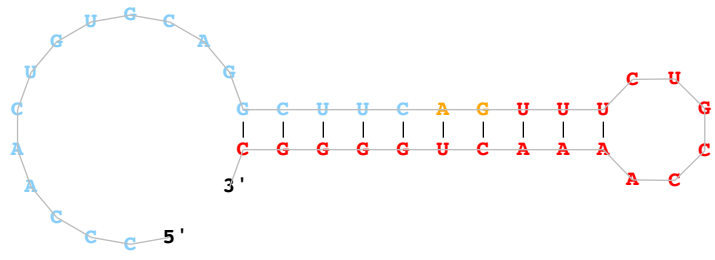
uccucugugguagacaggccugauccugcau <u>cc</u> cuacucac <u>au</u> gagcagucgucucuauuuca <u>aa</u> gggacuacucggugaguaaggau <u>ggc</u> U.....	79	1	seq
.....cuacucggugaguaaggau <u>ggc</u> Aa.....	2	1	seq
.....cuacucggugaguaaggau <u>ggc</u> A.....	6	1	seq
.....uacucggugaguaaggau <u>g</u>	1	0	seq
.....uacucggugaguaaggau <u>g</u>	1	0	seq
.....uacucggugaguaaggau <u>ggc</u>	11	0	seq
.....uacucggugaguaaggau <u>ggc</u> U.....	3	1	seq
.....uacucggugaguaaggau <u>ggc</u> C.....	1	1	seq
.....uacucggugaguaaggau <u>ggc</u> A.....	12	0	seq
.....uacucggugaguaaggau <u>ggc</u> A.....	3	1	seq
.....acucggugaguaaggau <u>g</u>	1	0	seq
.....acucggugaguaaggau <u>g</u> A.....	1	1	seq
.....acucggugaguaaggau <u>ggc</u>	1	0	seq
.....acucggugaguaaggau <u>ggc</u> A.....	7	0	seq
.....acucggugaguaaggau <u>ggc</u> U.....	2	1	seq
.....aggacugggaccacu <u>acc</u>	1	0	seq

Provisional ID : mun-novel87
 Score total : 1.8
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 48
 Mature read count : 48
 Loop read count : 0
 Star read count : 0



	Star	Mature				
5' -	aagguggaaguauucucucagugcuggcugaa	gagcagggcagaagagccuggaaggguaugcuguaccuccuuccugaccucugcugcuagu	cagcugccuggggaugaccu	-3'	exp	
	.(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....))))))))))))))))))))))))))))))))))			reads	mm	sample
	.....cuuccgaccucugcugcuagu.....			1	0	seq
	.....uuccgaccucugcugcua.....			1	0	seq
	.....uuccgaccucugcugcuagu.....			27	0	seq
	.....uuccgaccucugcugcuagA.....			1	1	seq
	.....uuccgaccucugcugcuaguc.....			11	0	seq
	.....uuccgaccucugcugcuaguU.....			2	1	seq
	.....uuccgaccucugcugcuagucU.....			5	1	seq

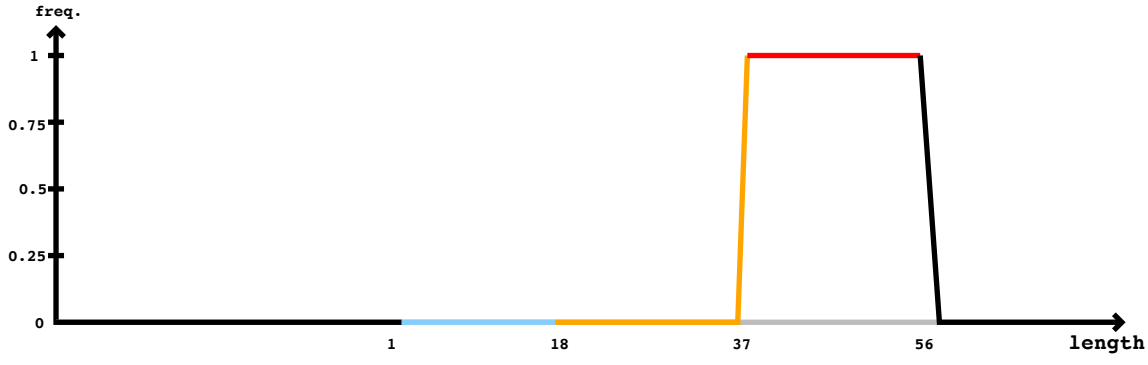
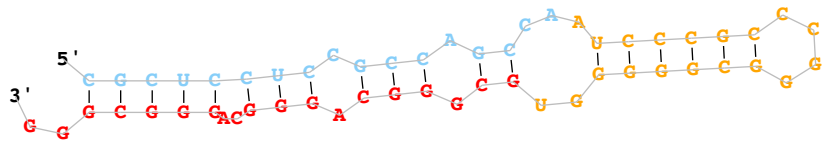
Provisional ID : mun-novel66
 Score total : 0.5
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 0.8
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 62
 Mature read count : 62
 Loop read count : 0
 Star read count : 0



Star Mature

5' - ccacauagcugcucucucagcaucuguccaggagagcuuuucccucaccccaacugugcaggcuucaguuucugccaaaaacuggggcucauggagaagucauaucag	-3'	exp		
.....(((((((.....)))))).....(((((((.....((((((.....((((((.....)))))))).....)))))).....)))).....	reads	mm	sample	
.....uuucugccaaaaUugggg.....	2	1	seq	
.....uuucugccaaaaUuggggc.....	38	1	seq	
.....uuucugccaaaaacuggggc.....	3	0	seq	
.....uuucugccaaaaUuggggcu.....	2	1	seq	
.....uucugccaaaaUuggggc.....	14	1	seq	
.....uucugccaaaaacuggggc.....	2	0	seq	
.....ucugccaaaaUuggggcu.....	1	1	seq	

Provisional ID : mun-novel88
 Score total : 0.2
 Score for star read(s) : -1.3
 Score for read counts : -1.3
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 9
 Mature read count : 9
 Loop read count : 0
 Star read count : 0



Star

Mature

5' -	nnnnnnnnnnnnnnnnnnnnnncgguccuaccccac	cgcuccuccgccagcca	aucccgccgggucggggug	cgggcagggcagggcggg	acaggacaggacgagccuuc	-3'	exp		
	.....	.....	.....	.....	.....	reads	mm	sample
	.....	.....	.....	.....	.....	6	0	seq
	.....	.....	.....	.....	.....	3	0	seq

Mature

Star

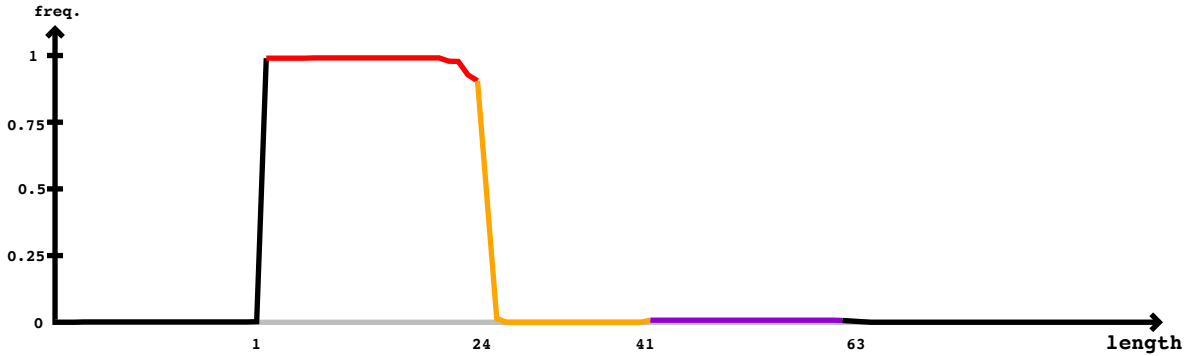
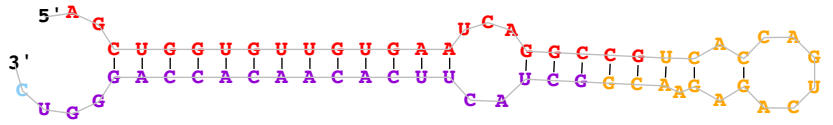
ugcaucaaauggcugcaaac	aacaaucauugcugcgguggu	uuuaauucguauca	acucacugaucaau	gaaugcaaacugcggaccagcu	accagagacugcgcacuc			
.....	aacaaucauugcuUcgguggg	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggg	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggg	.....	.....	.....	.....	2179	0	seq
.....	aacaaucauugcugcgguggg	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggUgg	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggg	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggGggg	.....	.....	.....	.....	6	1	seq
.....	aacaaucauugcugcgguggC	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggC	.....	.....	.....	.....	4	1	seq
.....	aacaaucauugcugcUgugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggG	.....	.....	.....	.....	104	1	seq
.....	aacaaucauugcugcggCgggu	.....	.....	.....	.....	2	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggUgU	.....	.....	.....	.....	7	1	seq
.....	aacaaucauugUguggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggAgggg	.....	.....	.....	.....	2	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	2	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	2	1	seq
.....	aacaaucauugcugcgguggCu	.....	.....	.....	.....	3	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	2613	0	seq
.....	aacaaucauugcugcggugggA	.....	.....	.....	.....	417	1	seq
.....	aaUaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggGgggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcUcggugggu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggUgu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggAu	.....	.....	.....	.....	40	1	seq
.....	aacaaucauugcugcgguggguu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggGu	.....	.....	.....	.....	4	1	seq
.....	aacaaucauugcugcgguggguG	.....	.....	.....	.....	10	1	seq
.....	aacaaucauugcugcggugggAu	.....	.....	.....	.....	28	1	seq
.....	aacaaucauugcugcgguggCu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggGggguu	.....	.....	.....	.....	2	1	seq
.....	aacaaucauugcugcgguggguu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguuA	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguuA	.....	.....	.....	.....	20	1	seq
.....	aacaaucauugcugcgguggguu	.....	.....	.....	.....	1327	0	seq
.....	aacaaucauugcugcgguggguCu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggGu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggCu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggCggguuu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguuG	.....	.....	.....	.....	2	1	seq
.....	aacaaucauugcugcgguggguuAu	.....	.....	.....	.....	11	1	seq
.....	aacaaucauUcugcgguggguuu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguuC	.....	.....	.....	.....	4	1	seq
.....	aacaaucauugcugcgguggguuA	.....	.....	.....	.....	5	1	seq
.....	aacaaucauugcugcgguggguuu	.....	.....	.....	.....	153	0	seq
.....	aacaaucauugcugcgguggguuCu	.....	.....	.....	.....	6	1	seq
.....	aacaaucauugcugcgguggguuGu	.....	.....	.....	.....	3	1	seq
.....	aacaaucauugcugcgguggguuuC	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugggGuuu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguuAu	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcgguggguuuuu	.....	.....	.....	.....	49	0	seq
.....	aacaaucauugcugcgguggguuuuU	.....	.....	.....	.....	7	1	seq
.....	aacaaucauugcugcgguggguuuua	.....	.....	.....	.....	1	0	seq
.....	aacaaucauugcugcggug	.....	.....	.....	.....	1	0	seq
.....	aacaaucauugcugcggugA	.....	.....	.....	.....	1	1	seq
.....	aacaaucauugcugcggugg	.....	.....	.....	.....	2	0	seq
.....	aacaaucauugcugcgguggA	.....	.....	.....	.....	6	1	seq
.....	aacaaucauugcugcgguggg	.....	.....	.....	.....	14	0	seq
.....	aacaaucauugcugcggGggg	.....	.....	.....	.....	1	1	seq

Mature

Star

ugcaucuaauggcugcaaucaacaaucauugcugucgguggguuuuauucguaucaacucacugaucaaugaaugcaaacugcggaccagcuaccagagagacugcgcacuc			
.....acaaucauugcugucggugggA.....	2	1	seq
.....acaaucauugcugucggugggG.....	3	1	seq
.....acaaucauugcugucggugggu.....	35	0	seq
.....acaaucauugcugucgguggguu.....	52	0	seq
.....acaaucauugcugucgguggguA.....	1	1	seq
.....acaaucauugcugucgguggguCu.....	1	1	seq
.....acaaucauugcugucgguggguuu.....	18	0	seq
.....acaaucauugcugucgguggguuuU.....	1	1	seq
.....cauucuuugcugucggugggu.....	3	0	seq
.....cauucuuugcugucgguggguu.....	2	0	seq
.....uucauugcugucgguggg.....	1	0	seq
.....uucauugcugucggugggu.....	1	0	seq
.....acucacugaucaaugaaugca.....	5	0	seq
.....cucacugaucaaugaaugc.....	1	0	seq
.....cucacugaucaaugaaugca.....	7	0	seq
.....cucacugaucaaugaaugcaU.....	1	1	seq
.....cucacugaucaaugaaugcaa.....	3	0	seq

Provisional ID : mun-miR-138
 Score total : 461.4
 Score for star read(s) : 3.9
 Score for read counts : 450.8
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 896
 Mature read count : 889
 Loop read count : 0
 Star read count : 7

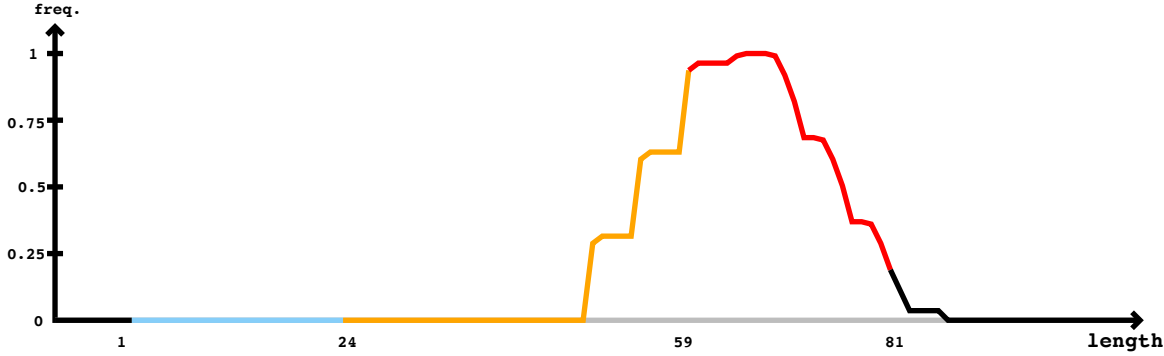


Mature

Star

5'	obs	reads	mm	sample
ccccucaggugucgugcagcagcugguuuugugaaucaggccgucaccagucagagaaacggcuacuucacaacaccagggugcaccgcaccacaguucaacugccagccaga	-3'			
ccccucaggugucgugcagcagcugguuuugugaaucaggccgucaccagucagagaaacggcuacuucacaacaccagggugcaccgcaccacaguucaacugccagccaga	exp			
.....(((((((.....((((((((((((((((.....(((((((.....))				
.ccccucaggugucgugcagc.....		1	0	seq
.....cagcugguuuugugaaucaggcc.....		1	0	seq
.....agcugguuuugugaaucag.....		10	0	seq
.....agcuggguuuugugaaucag.....		1	1	seq
.....agcuggguuuugugaaucagg.....		1	0	seq
.....agcuggCguuuugugaaucaggc.....		1	1	seq
.....agcuggguuuugugaaucaggc.....		41	0	seq
.....agcuggguuuugugaaucaggU.....		2	1	seq
.....agcugCguuuugugaaucaggc.....		1	1	seq
.....agcuggguuuugugaaucaggcU.....		2	1	seq
.....agcuggguuuugugaaucaggcc.....		17	0	seq
.....agcuggguuuugugaaucaggccg.....		705	0	seq
.....agcuggguuuugugaaucaggccA.....		27	1	seq
.....agcuggguuuugugaaucaUgccg.....		1	1	seq
.....agcuggguuuugugaaucaggccU.....		4	1	seq
.....agcuggguuuugugaaucaggccgu.....		57	0	seq
.....agcuggguuuugugaaucaggccgG.....		2	1	seq
.....agcuggguuuugugaaucaggccAu.....		1	1	seq
.....agcuggguuuugugaaucaggccUu.....		1	1	seq
.....agcuggguuuugugaaucaggccguA.....		2	1	seq
.....agcuggguuuugugaaucaggccguU.....		11	1	seq
.....guguuuugugaaucaggccg.....		1	0	seq
.....gcuacuucacaacaccaggg.....		1	0	seq
.....gcuacuucacaacaccagggU.....		6	0	seq

Provisional ID : mun-miR-1587
 Score total : 5.6
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 41
 Mature read count : 41
 Loop read count : 0
 Star read count : 0

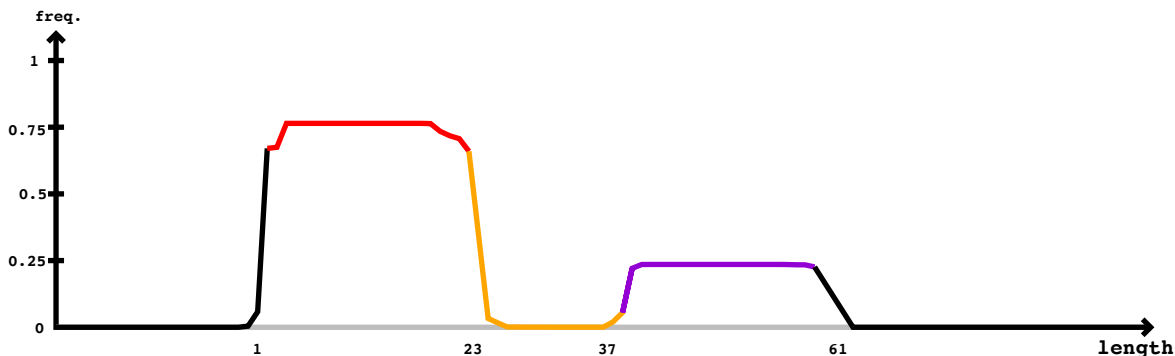
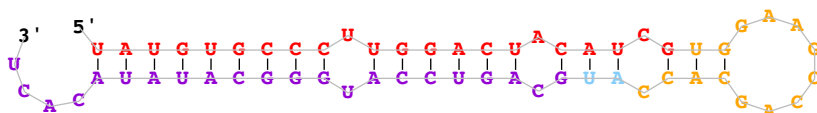


Star

Mature

5'			-3'	exp	
ccgucg	ecaccggcccggucccccagacgggccgggcaggcucuaagccauaggucugggucugggcugggucugggcugggccccggccnnnnnnnnnnnnnnnnnnnnnnn			reads	mm
	(((.(((.....(((.....))))))))).....)).....)	.....cugggcugggucugggcuggg.....		18	0
	.....Uugggcugggucugggcuggg.....			3	1
	.....cugggcugggucugggcugggc.....			30	0
	.....cugggcugggucugggcugggCA.....			45	1
	.....ugggcUAaggcugggcuggg.....			3	1
	.....ugggcugggucugggcuggg.....			3	0
	.....ugggcugggcCgggcugggc.....			3	1
	.....cugggcugggucugggcuggg.....			18	0
	.....Uugggcugggucugggcuggg.....			3	1
	.....cugggcugggucugggcugggc.....			30	0
	.....cugggcugggucugggcugggCA.....			45	1
	.....ugggcUAaggcugggcuggg.....			3	1
	.....ugggcugggucugggcuggg.....			3	0
	.....ugggcugggcCgggcugggc.....			3	1
	.....cugggcugggucugggcuggg.....			18	0
	.....cugggcugggucugggcugggCA.....			45	1
	.....cugggcugggucugggcugggc.....			2	0
	.....ugggcUAaggcugggcuggg.....			3	1
	.....ugggcugggucugggcuggg.....			3	0
	.....ugggcugggcCgggcugggc.....			3	1
	.....cugggcugggcAgggccgggcc.....			1	1
	.....cugggcugggucugggcugggCA.....			2	1
	.....ugggcugggucugggcugggc.....			1	0

Provisional ID : mun-miR-455
 Score total : 5.2
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 6707
 Mature read count : 5126
 Loop read count : 1
 Star read count : 1580



Mature

Star

5' -	cauga	cccuggugaggg	uaugugcccuuggacu	acaucg	uggaagccagcacc	augcaguccaugggcau	auacacu	ugccucaagguuuuuu	caucacggcugccau	-3'	obs	mm	sample
	cauga	cccuggugaggg	uaugugcccuuggacu	acaucg	uggaagccagcacc	augcaguccaugggcau	auacacu	ugccucaagguuuuuu	caucacggcugccau	exp			
	reads			
	3	0		seq
	13	0		seq
	1	1		seq
	8	0		seq
	4	0		seq
	3	0		seq
	169	0		seq
	4	1		seq
	2	1		seq
	3	1		seq
	1	1		seq
	11	1		seq
	73	0		seq
	2	1		seq
	19	0		seq
	1	1		seq
	1	1		seq
	10	1		seq
	29	0		seq
	2	1		seq
	2	1		seq
	7	1		seq
	5	1		seq
	14	0		seq
	1	0		seq
	1	0		seq
	2	0		seq
	3	0		seq
	15	0		seq
	37	0		seq
	3	1		seq
	2	1		seq
	1	1		seq

Mature

Star

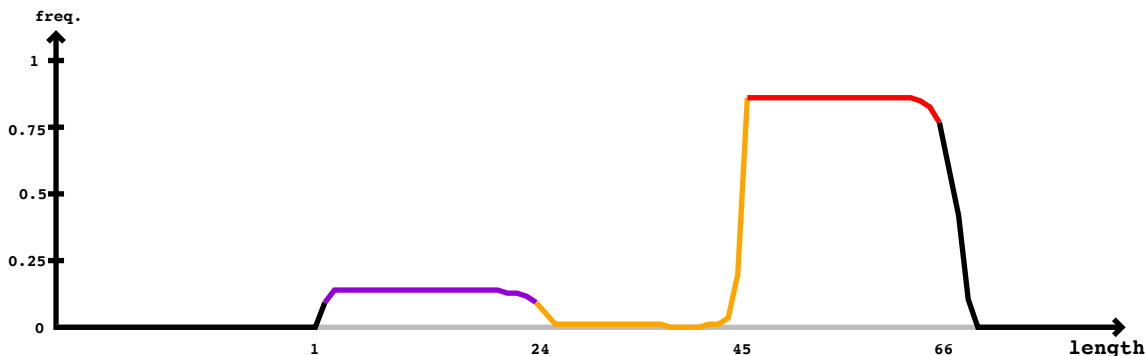
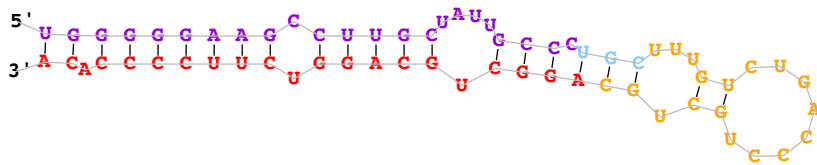
caugaucccuggugaggg	uaugugcccuuggacuacaucg	uaguggaagccagacc	caugcaguccaugggcauauacacu	ugccucaaagguuuuucaucacggcugccau			
.....	uaugugcccuuggacuacauC	.....	.....	.....	274	0	seq
.....	uaugugcccuuggacuacauU	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacauG	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacauU	.....	.....	.....	16	1	seq
.....	uaugugcccAuggacuacaucg	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacauG	.....	.....	.....	2	1	seq
.....	uaugugcccuuggacuacUcg	.....	.....	.....	1	1	seq
.....	uaugugGccuuggacuacaucg	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacaucg	.....	.....	.....	3242	0	seq
.....	Aaugugcccuuggacuacaucg	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacaucg	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacauA	.....	.....	.....	4	1	seq
.....	uaCgugcccuuggacuacaucg	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacGucg	.....	.....	.....	1	1	seq
.....	uaUugcccuuggacuacaucg	.....	.....	.....	1	1	seq
.....	Gaugugcccuuggacuacaucg	.....	.....	.....	4	1	seq
.....	uaugugcccuuggaUuacaucg	.....	.....	.....	1	1	seq
.....	uaugGgcccuuggacuacaucg	.....	.....	.....	1	1	seq
.....	uGugugcccuuggacuacaucg	.....	.....	.....	5	1	seq
.....	uaugugcccuUgacuacaucg	.....	.....	.....	1	1	seq
.....	Caugugcccuuggacuacaucg	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuagaucg	.....	.....	.....	2	1	seq
.....	uaugugcccuuggacuGcaucg	.....	.....	.....	18	1	seq
.....	uaugugcccuuggacuacaucgG	.....	.....	.....	2	1	seq
.....	uaugugcccuuggacuacaucgA	.....	.....	.....	29	1	seq
.....	Gaugugcccuuggacuacaucgu	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacaucgu	.....	.....	.....	417	0	seq
.....	uaugAgcccuuggacuacaucgu	.....	.....	.....	1	1	seq
.....	uaugugcccuugAacuacaucgu	.....	.....	.....	1	1	seq
.....	uaugugcccuuggGcuacaucgu	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuGcaucgu	.....	.....	.....	2	1	seq
.....	uaugugcccuuggacuacauAg	.....	.....	.....	1	1	seq
.....	uaugugcccuuggacuacaucgug	.....	.....	.....	3	0	seq
.....	uaugugcccuuggacuacaucgugU	.....	.....	.....	4	1	seq
.....	uaugugcccuuggacuacaucgugg	.....	.....	.....	4	0	seq
.....	augugcccuuggacuacaucgu	.....	.....	.....	28	0	seq
.....	ugugcccuuggacuacaucg	.....	.....	.....	25	0	seq
.....	ugugcccuuggacuacaucgA	.....	.....	.....	1	1	seq
.....	ugugcccuuggacCacaucgu	.....	.....	.....	1	1	seq
.....	ugugcccuuggacuacaucgu	.....	.....	.....	367	0	seq
.....	ugugcccuuggacuacaucgA	.....	.....	.....	1	1	seq
.....	ugugcccuuggacuGcaucgug	.....	.....	.....	2	1	seq
.....	ugugcccuuggacuacaucgug	.....	.....	.....	105	0	seq
.....	ugugcccuuggacuacaucgugg	.....	.....	.....	10	0	seq
.....	ugugcccuuggacuacaucgugC	.....	.....	.....	1	1	seq
.....	ugugcccuuggacuacaucgugA	.....	.....	.....	42	1	seq
.....	ugugcccuuggacuacaucgugU	.....	.....	.....	45	1	seq
.....	ugugcccuuggacuacaucgugAaa	.....	.....	.....	2	1	seq
.....	cguggaagccagacc	cauA	.....	.....	1	1	seq
.....	augcaguccaugggcaua	.....	.....	.....	1	0	seq
.....	augcaguccaugggcaua	.....	.....	.....	6	0	seq
.....	augcaguccaugggcaua	.....	.....	.....	21	0	seq
.....	augcaguccaugggcauaU	.....	.....	.....	17	1	seq
.....	augcaguccaugggcaua	.....	.....	.....	32	0	seq
.....	augcaguccaugggcaua	.....	.....	.....	35	0	seq
.....	augcaguccaugggcaua	.....	.....	.....	3	1	seq
.....	augcaguccaugggcaua	.....	.....	.....	19	0	seq
.....	ugcaguccaugggcaua	.....	.....	.....	1	0	seq
.....	ugcaguccaugggcaua	.....	.....	.....	1	0	seq
.....	ugcaguccaugggcauaU	.....	.....	.....	1	1	seq
.....	ugcaguccaugggcauaGac	.....	.....	.....	1	1	seq
.....	ugcaguccaugggcaua	.....	.....	.....	1	1	seq
.....	ugcaguccaugggcaua	.....	.....	.....	27	0	seq
.....	ugcaguccaugggcaua	.....	.....	.....	38	0	seq
.....	ugcaguccaugggcaua	.....	.....	.....	106	0	seq
.....	ugcaguccaugggcaua	.....	.....	.....	2	1	seq
.....	ugcaguccaugggcaua	.....	.....	.....	2	1	seq
.....	Cgcaguccaugggcaua	.....	.....	.....	1	1	seq
.....	ugcGuccaugggcaua	.....	.....	.....	1	1	seq
.....	ugcaguccaugggcaua	.....	.....	.....	21	1	seq

Mature

Star

caugauc <u>cc</u> uggugaggg <u>uaugugcc</u> cuuggacua <u>caucguggaagccagcacc</u> caugcaguccaugggcauauacac <u>u</u> gccucaaagguuuuuucaucacggcugccau			
.....ugcaguccaugggcauauacac <u>A</u>	4	1	seq
.....ugcaguUcaugggcauauacac <u>u</u>	1	1	seq
.....Ggcaguccaugggcauauacac <u>u</u>	1	1	seq
.....ugcaguccaugggcauauacac <u>u</u>	23	0	seq
.....ugUaguccaugggcauauacac <u>u</u>	2	1	seq
.....gcaguccaugggcauauac <u>..</u>	2	0	seq
.....gcaguccaugggcauauac <u>a</u>	28	0	seq
.....gcaguccaugggcauauac <u>U</u>	1	1	seq
.....gUaguccaugggcauauac <u>a</u>	1	1	seq
.....gcaguccaugggcauauacac <u>.</u>	73	0	seq
.....gcaguccaugggcauauacac <u>A</u>	8	1	seq
.....gcaguccaugggcauauacac <u>u</u>	125	0	seq
.....gcaguccaugggcauauacac <u>C</u>	858	1	seq
.....gcaguccaugggcauauaca <u>Au</u>	1	1	seq
.....gcaguccaugggcauauacac <u>uu</u>	2	0	seq
.....gcaguccaugggcauauacac <u>Cu</u>	14	1	seq
.....caguccaugggcauauac <u>U</u>	2	1	seq
.....caguccaugggcauauac <u>a</u>	1	0	seq
.....caguccaugggcauauaca <u>U</u>	1	1	seq
.....caguccaugggcauauacac <u>.</u>	10	0	seq
.....caguccaugggcauauaca <u>A</u>	1	1	seq
.....caguccauggUcauauacac <u>u</u>	1	1	seq
.....caguccaugggcauauacac <u>C</u>	10	1	seq
.....caguccaugggcauauacac <u>u</u>	13	0	seq
.....Uaguccaugggcauauacac <u>u</u>	1	1	seq
.....caguccaugggcauauacac <u>Cu</u>	48	1	seq
.....caguccaugggcauauacac <u>uu</u>	10	0	seq
.....aguccaugggcauauac <u>U</u>	1	1	seq

Provisional ID : mun-novel93
 Score total : 43.2
 Score for star read(s) : 3.9
 Score for read counts : 36.8
 Score for mfe : 1.4
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 84
 Mature read count : 73
 Loop read count : 0
 Star read count : 11

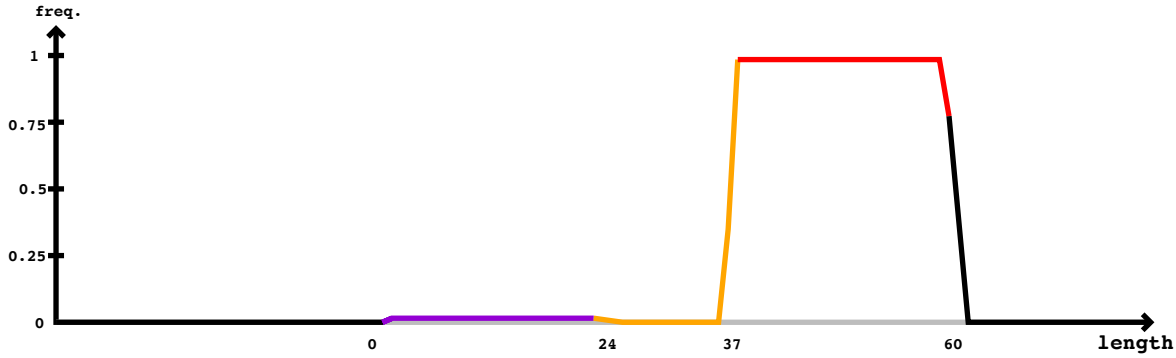
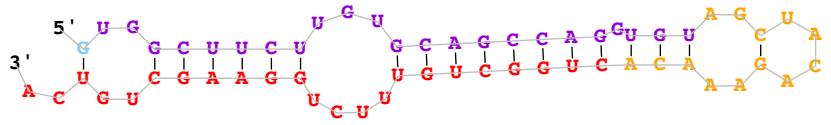


Star

Mature

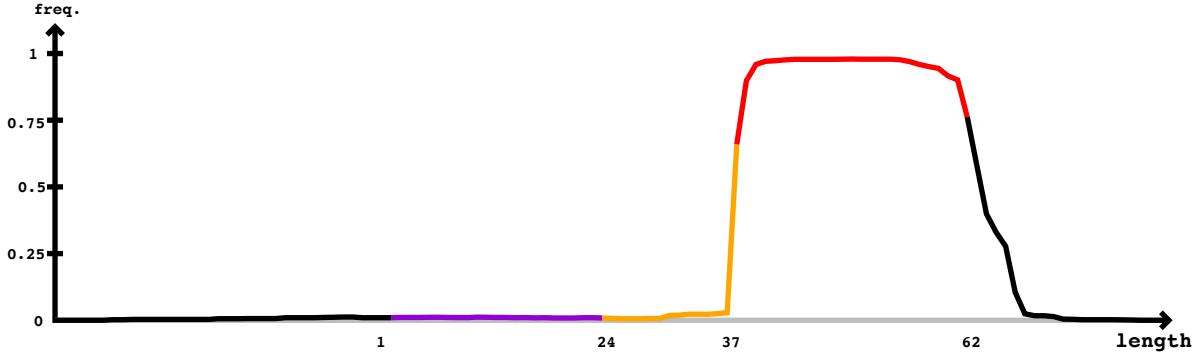
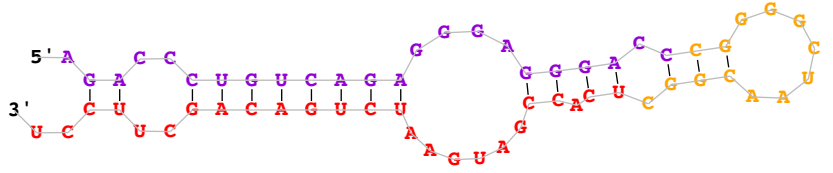
5' -	obs	mm	sample
agagggagucagucugcuaaaauaaaugggggaagccuugcuauugccugcuuugucugaccucugcaggcugcaggucucccaca	reads	mm	sample
agagggagucagucugcuaaaauaaaugggggaagccuugcuauugccugcuuugucugaccucugcaggcugcaggucucccaca	1	0	seq
.....ugggggaagccuugcuauu.....	1	1	seq
.....ugggggaagUcuugcuauugc.....	1	0	seq
.....ugggggaagccuugcuauugcc.....	3	0	seq
.....ugggggaagccuugcuauugccA.....	1	1	seq
.....ugggggaagccuugcuauugcccu.....	1	0	seq
.....gggggaagccuugcuauugcc.....	1	0	seq
.....gggggaagUcuugcuauugccc.....	1	1	seq
.....gggggaagccuugcuauugccc.....	1	0	seq
.....gggggaagccuugcuauugcccugcuuugucugac.....	1	0	seq
.....cugcaggcugcaggucucccaca.....	1	0	seq
.....gcaggcugcaggucucccaca.....	2	0	seq
.....caggcugcaggucucccaU.....	1	1	seq
.....caggcugcaggucucccacaA.....	1	1	seq
.....caggcugcaggucucccaca.....	5	0	seq
.....caggcugcaggucucccaca.....	7	0	seq
.....aggcugcaggucucccU.....	1	1	seq
.....aggcugcaggucuccca.....	2	0	seq
.....aggcugcaggucucccaU.....	1	1	seq
.....aggcugcaggucucccac.....	3	0	seq
.....aggcugcaggucucccacaU.....	10	1	seq
.....aggcugcaggucucccaca.....	15	0	seq
.....aggcugcaggucucccacC.....	3	1	seq
.....aggcugcaggucucccacac.....	1	0	seq
.....aggcugcaggucucccacacU.....	6	1	seq
.....aggcugcaggucucccacacc.....	14	0	seq
.....aggcugcaggucucccacacaUca.....	1	1	seq

Provisional ID : mun-novel22
 Score total : 34.8
 Score for star read(s) : 3.9
 Score for read counts : 27.7
 Score for mfe : 2.3
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 66
 Mature read count : 65
 Loop read count : 0
 Star read count : 1



		Star			Mature				
5'	-	ggggagagacaugggcaugcaggaggggccggug	uggcuucuugugcagccaggugu	agcuacagaaaca	cuggcuguuucuggaagcuguca	uuagccugccuucuccuga	-3'	obs	
		ggggagagacaugggcaugcaggaggggccggug	uggcuucuugugcagccaggugu	guagcuacagaaaca	cuggcuguuucuggaagcuguca	uuagccugccuucuccuga		exp	
		.(((((((.....))))(((((((.....((((((((((((.....((((((((((.....)))))))))))))))))))))))))))))..					reads	mm	sample
		.....uggcuucuugugcagccaggugu.....					1	0	seq
		.....acuggcuguuucuggaagcuguc.....					6	0	seq
		.....acuggcuguuucuggaagcuguca.....					3	0	seq
		.....acuggcuguuucuggaagcugucU.....					14	1	seq
		.....cuggcuguuucuggaagcuguc.....					8	0	seq
		.....cuggcuguuucuggaagcugucU.....					23	1	seq
		.....cuggcuguuucuggaagcuguca.....					9	0	seq
		.....cuggcuguuucuggaagcugucau.....					2	0	seq

Provisional ID : mun-novel100
 Score total : 1.9
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 1770
 Mature read count : 1766
 Loop read count : 0
 Star read count : 4



Star Mature

<p>5' - gggauguccacagguccugagcugggaugcagagaccucugacagaggaggaccggggcuaacggcucaccgaugaaucugacagcuuccugccucaggauccucugggg gggauguccacagguccugagcugggaugcagaaccucugacagaggaggaccggggcuaacggcucaccgaugaaucugacagcuuccugccucaggauccucugggg ((((((((((((((((.....((((.....((((((((.....((((.....))))))))).....))))))))).....))))))))).....))))))))) .. ugcuccacagguccugagcugggaug cuccacagguccugagcugggauA cuccacagguccugagcugggaugcag uccugagcugggaugcagagacc uccugagcugggaugcagagaccu uccugagcugggaugcagagaccug ugagcugggaugcagagaccucug cugggaugcagagaccucuga cugggaugcagagaccucugacaga cugggaugcagagaccucugacagAU cugggaugcagagaccucugacagaggga gaugcagagaccucugacagaggaggCc gaugcagagaccucugacagaggaggacc augcagagaccucugacagagg ugcagagaccucugacagaggaggac ugcagagaccucugacagaggaggacc agaccucugacagaggaggacc gaccucugacagaggagggaU gaccucugacagaggaggaccgggcuaacggcA ccugcagagaggaggacc ugucagaggaggaccggg gucagaggaggaccgggcuaacggcu ucagaggaggaccgggcuaacggcuc cagaggaggaccgggcuaacU cagaggaggaccgggcuaacgg cagaggaggaccgggcuaacggc ggaggaccgggcuaac agggaccgggcuaacggcucaccga accgggcuaacggcuc accUgggcuaacggcucaccga gcuaacggcucaccgaugaaucugacagc cuaacggcucaccgaugaaucugacagcu uaacggcucaccgaugaaucugac </p>	<p>-3' obs exp</p> <p>reads mm sample</p> <p>4 0 seq</p> <p>1 1 seq</p> <p>1 0 seq</p> <p>2 0 seq</p> <p>2 0 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>2 0 seq</p> <p>1 1 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 1 seq</p> <p>1 1 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 1 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 0 seq</p> <p>1 1 seq</p> <p>2 0 seq</p> <p>1 0 seq</p> <p>2 0 seq</p>
--	--

Star

Mature

gggaugcuccacagguccugagcugggaugcagagaccucugacagaggaggaccggggcuacggcucaccgaugaauucugacagcuuccgcccaggaucuccugggg

.....uaacggcucaccgaugaauucugaca.....	5	0	seq
.....uaacggcucaccgaugaauucugacag.....	4	0	seq
.....uaacggcucaccgaugaauAugacagc.....	1	1	seq
.....uaacggcucaccgaugaauucugacagc.....	2	0	seq
.....uaacggcCcaccgaugaauucugacagc.....	1	1	seq
.....uaacggcCcaccgaugaauucugacagcu.....	1	1	seq
.....uaacggcucaccgaugaauucugacagcu.....	4	0	seq
.....uaacggcucaccgaugaauucugacagcuucc.....	1	0	seq
.....aacggcucaccgaugaauuc.....	1	0	seq
.....aacggcucaccgaugaauucugacag.....	1	0	seq
.....acggcucaccgaugaauucugac.....	1	0	seq
.....acggcucaccgaugaauucugaca.....	2	0	seq
.....acggcucaccgaugaauucugacagc.....	1	0	seq
.....acggcucaccgaugaauucugacagcu.....	1	0	seq
.....acggcucaccgaugaauucugacagcuucc.....	2	0	seq
.....gcucaccgaugaauucugac.....	1	0	seq
.....gcucaccgaugaauucugacagcu.....	1	0	seq
.....gcucaccgaugaauucugacagcu.....	3	0	seq
.....Ucucaccgaugaauucugacagcuucc.....	1	1	seq
.....cucaccgaugaauucugaca.....	1	0	seq
.....cucaccgaugaauucugacagc.....	1	0	seq
.....cucaccgaugaauucugacagcu.....	2	0	seq
.....cucaccgaugaauucugacagcuucc.....	1	0	seq
.....cucaccgaugaauucugacagcuucc.....	2	0	seq
.....ucaccgaugaauucugaca.....	6	0	seq
.....ucaccgaugaauucugacag.....	11	0	seq
.....ucaccgaugaauucugacagc.....	6	0	seq
.....ucaccgaugaauucugacagcu.....	8	0	seq
.....ucaccgaugaauucugacagcu.....	36	0	seq
.....ucaccgaugaauucugacagcu.....	25	0	seq
.....ucaccUaugaaucugacagcuucc.....	1	1	seq
.....ucaccgaugaauucugacagcuucc.....	215	0	seq
.....Ccaccgaugaauucugacagcuucc.....	1	1	seq
.....ucaccgaugaauucugacagcuU.....	1	1	seq
.....ucaccgaugaauucugacagcuuccA.....	1	1	seq
.....ucaccgaugaauucugacaAcuucc.....	1	1	seq
.....ucaccgaugaauucugacagcuuccC.....	1	1	seq
.....ucaccgaugaauucugacagcuuccG.....	1	1	seq
.....Ccaccgaugaauucugacagcuucc.....	5	1	seq
.....ucaccgaugaauucugacagcuucc.....	254	0	seq
.....ucaccgaugaauucugacagcuuccug.....	55	0	seq
.....Ccaccgaugaauucugacagcuuccug.....	3	1	seq
.....ucaccgaugaauucugacagcuuccuU.....	3	1	seq
.....ucaccgaugaauucugacagcuuccuA.....	2	1	seq
.....ucaccgaugaauucugacagcuuccuU.....	2	1	seq
.....ucaccgaugaauucugacagcuuccugc.....	84	0	seq
.....ucaccgaugaauucugacagcuuccuGA.....	2	1	seq
.....Ccaccgaugaauucugacagcuuccugc.....	1	1	seq
.....ucaccgaugaauucugacagAuccugcc.....	1	1	seq
.....Ccaccgaugaauucugacagcuuccugcc.....	1	1	seq
.....ucaccgaugaauucugacagcuuccugcc.....	82	0	seq
.....ucaccgaugaauucugacagcuuccAugcc.....	1	1	seq
.....ucaccgaugaauucugacagcuuccugccu.....	230	0	seq
.....ucaccgaugaauucugacagcuuccugccG.....	1	1	seq
.....Ccaccgaugaauucugacagcuuccugccu.....	2	1	seq
.....ucaccgaugaauucugacagcuuccugccA.....	9	1	seq
.....ucaccgaugaauucugacagcuuccugccC.....	3	1	seq
.....ucaccgaugaauucUacagcuuccugccu.....	1	1	seq
.....Acaccgaugaauucugacagcuuccugccu.....	1	1	seq
.....ucaccgaugaauucugacagcuuccugccu.....	1	1	seq
.....ucaccgaugaauucugacagcuuccugccuA.....	4	1	seq
.....ucaccgaugaauucugacagcuuccugccuc.....	100	0	seq
.....Ccaccgaugaauucugacagcuuccugccuc.....	3	1	seq
.....ucaccgaugaauucugacagcuuccugccuU.....	3	1	seq
.....ucaccgaugaauucugacagcuuccugccuca.....	4	0	seq
.....ucaccgaugaauucugacagcuuccugccucC.....	1	1	seq
.....ucaccgaugaauucugacagcuuccugccucU.....	1	1	seq
.....ucaccgaugaauucugacagcuuccugccuAa.....	2	1	seq
.....ucaccgaugaauucugacagcuuccugccucag.....	3	0	seq
.....ucaccgaugaauucugacagcuuccugccucagga.....	8	0	seq

Star

Mature

gggaugcuccacagguccugagcugggaugcagagaccucugacagaggaggaccggggcuaacggcucaccgaugaaucugacagcuuccugccucaggauccuguggg

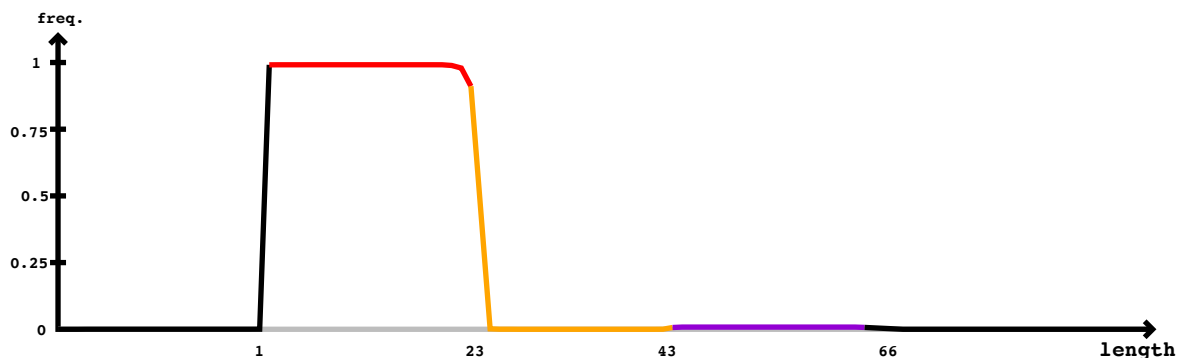
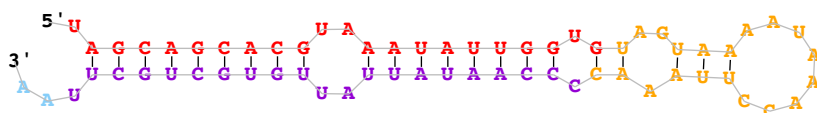
.....ucaccgaugaaucugacagcuuccugccucaggaucc.....	1	0	seq
.....ucaccgaugaaucugacagcuuccugccucaggauccu.....	1	0	seq
.....caccgaugaaucugacaA.....	1	1	seq
.....caccgaugaaucugacag.....	3	0	seq
.....caccgaugaaucugacagc.....	1	0	seq
.....caccgaugaaucugacagcu.....	1	0	seq
.....caccgaugaaucugacagcuu.....	4	0	seq
.....caccgaugaaucugacagcuuc.....	1	0	seq
.....caccgaugaaucugacagcuucc.....	36	0	seq
.....caccgaugaaucugacagcuuccG.....	2	1	seq
.....caccgaugaaucugacagcuuccC.....	1	1	seq
.....caccgaugaaucugacagcuuccu.....	246	0	seq
.....caccgaugaaucugacaCcuuccu.....	1	1	seq
.....caccgaugaaucugacagcuuccuA.....	3	1	seq
.....caccgaugaaucugacagcuuccuU.....	5	1	seq
.....caccgaugaaucugacGgcuuccug.....	1	1	seq
.....caccgaugaaucugacagcuuccug.....	12	0	seq
.....Uaccgaugaaucugacagcuuccug.....	1	1	seq
.....caccgaugaaucugacagcuuccugU.....	2	1	seq
.....caccgaugaaucugacagcuuccugA.....	1	1	seq
.....caccgaugaaucugacagcuuccugc.....	20	0	seq
.....caccgaugaaucugacagcuuccugcc.....	11	0	seq
.....caccgaugaaucugacagcuuccugccu.....	48	0	seq
.....caccgaugaaucugacagcuuccugccC.....	1	1	seq
.....caccgaugaaucugacagcuuccugccA.....	3	1	seq
.....caccgaugaaucugacagcuuccugccuU.....	1	1	seq
.....caccgaugaaucugacagcuuccugccuc.....	32	0	seq
.....caccgaugaaucugacagcuuccugccuca.....	2	0	seq
.....caccgaugaaucugacagcuuccugccucagg.....	2	0	seq
.....caccgaugaaucugacagcuuccugccucaggga.....	8	0	seq
.....caccgaugaaucugacagcuuccugccucagggaA.....	1	1	seq
.....accgaugaaucugacagcu.....	2	0	seq
.....accgaugaaucugacagcuu.....	3	0	seq
.....accgaugaaucugacagcuuc.....	1	0	seq
.....accgaugaaucugacagcuucc.....	3	0	seq
.....accgaugaaucugaaagcuuccu.....	1	1	seq
.....accgaugaaucugacagcuuccu.....	69	0	seq
.....accgaugaaucugacagcuuccaA.....	1	1	seq
.....accgaugaaucuUacagcuuccu.....	1	1	seq
.....accgaugaaucugacagcuuccug.....	6	0	seq
.....accgaugaaucugacagcuuccugc.....	13	0	seq
.....accgaugaaucugacagcuuccugcc.....	1	0	seq
.....accgaugaaucugacagcuuccugccu.....	8	0	seq
.....accgaugaaucugacagcuuccugccuc.....	5	0	seq
.....accgaugaaucugacagcuuccugccuca.....	1	0	seq
.....accgaugaaucugacagcuuccugccucagg.....	1	0	seq
.....accgaugaaucugacagcuuccugccucaggga.....	1	0	seq
.....ccgaugaaucugacagcu.....	1	0	seq
.....ccgaugaaucugacagcuuccu.....	1	0	seq
.....ccgaugaaucugacagcuuccugc.....	2	0	seq
.....ccgaugaaucugacagcuuccugccA.....	2	1	seq
.....ccgaugaaucugacagcuuccugccu.....	12	0	seq
.....ccgaugaaucugacagcuuccugccuc.....	1	0	seq
.....ccgaugaaucugacagcuuccugccuca.....	2	0	seq
.....ccgaugaaucugacagcuuccugccucaggga.....	1	0	seq
.....cgaugaaucugacagcuuccug.....	1	0	seq
.....cgaugaaucugacagcuuccugc.....	2	0	seq
.....cgaugaaucugacagcuuccugcc.....	1	0	seq
.....gaugaaucugacagcuuccu.....	1	0	seq
.....gaugaaucugacagcuuccug.....	1	0	seq
.....gaugaaucugacagcuuccugcc.....	1	0	seq
.....gaugaaucugacagcuuccugccu.....	2	0	seq
.....gaugaaucugacagcuuccugccuc.....	1	0	seq
.....augaaucugacagcuuccugcc.....	1	0	seq
.....augaaucugacagcuuccugccuc.....	1	0	seq
.....augaaucugacagcuuccugccucagggauc.....	1	0	seq
.....augaaucugacagcuuccugccucagggaU.....	1	1	seq
.....ugaaucugacagcuuccug.....	1	0	seq
.....ugaaucugacagcuuccugccu.....	1	0	seq
.....ucugacagcuuccugccucagggaucuccugu.....	1	0	seq

Star

Mature

gggaugcuccacagguccugagcugggaugcagagaccugucagagggaggaccggggcuacggcuaccgaugaaucugacagcuuccugccucaggauccuguggg
.....cugacagcuuccugccuca..... 1 0 seq
.....gcuuccugccucaggauccug.... 1 0 seq
.....cugccucaggauccugu... 1 0 seq

Provisional ID : mun-miR-16b
Score total : 3115.8
Score for star read(s) : 3.9
Score for read counts : 3106
Score for mfe : 1.3
Score for randfold : 1.6
Score for cons. seed : 3
Total read count : 6104
Mature read count : 6054
Loop read count : 0
Star read count : 50



Mature

Star

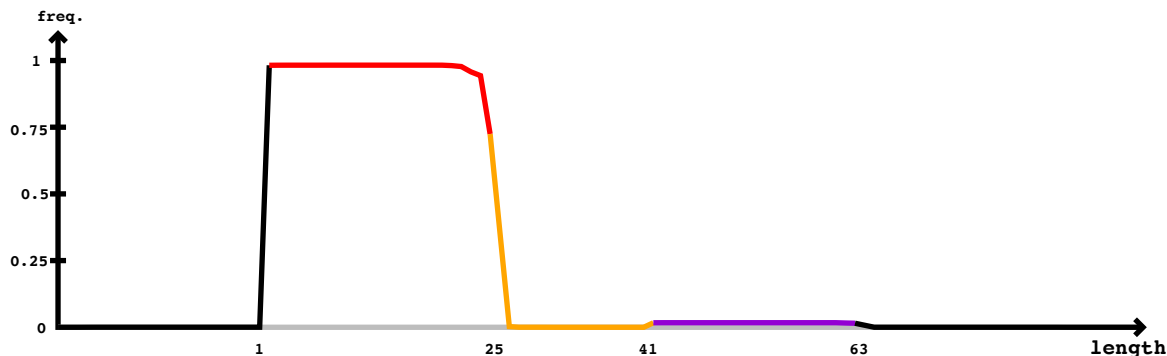
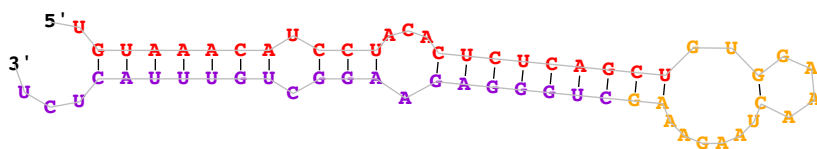
5'	Mature	Star	-3'	obs	exp	reads	mm	sample
5'	cugucauacuuguuccgcc	uagcagcagcguaaaauuggg	guaguaaaaaaaccuuAACCCcaauuuuuugucugc	uuagcguaggcagagguucagcaacuuguuu	-3'	obs	exp	
	cugucauacuuguuccgcc	uagcagcagcguaaaauuggg	guaguaaaaaaaccuuAACCCcaauuuuuugucugc	uuagcguaggcagagguucagcaacuuguuu				
	.(((((....(((((((..(((.....))))..))))))))..))))))))..)))))).....							
	.uagucauacuuguuccgcc					1	0	seq
	.....GuaGcagcagcguaaaauuggg					1	1	seq
	.....uagcagcagcguaaaauu					1	0	seq
	.....uagcagcagcguaaaauug					15	0	seq
	.....uagcagcagcguaaaauuU					1	1	seq
	.....uagcagcagcguaaaauugU					2	1	seq
	.....uagcagcagcguaaaauugg					56	0	seq
	.....uagcagcagcGaaaauuggg					1	1	seq
	.....uagcagcagcUaaaauuggg					1	1	seq
	.....uagcagcagcuaaaaauuggA					6	1	seq
	.....uagcagcagcuaaaaauuggu					408	0	seq
	.....uagcagcagcAuaaaaauuggu					1	1	seq
	.....uagcagcagcuaGuaaaaauuggg					1	1	seq
	.....uagcagcagcuaaaaUuuggg					1	1	seq
	.....uagcagcagcuaaaaauugguU					12	1	seq
	.....Gagcagcagcuaaaaauuggg					2	1	seq
	.....uagcagcagcuaaaaauugguC					3	1	seq
	.....uagcagcagcuaaaaauuggA					2	1	seq
	.....uagcagcagcUguaaaauuggg					5	1	seq
	.....Aagcagcagcuaaaaauuggg					2	1	seq
	.....uagcagcagcGaaaauuggg					1	1	seq
	.....uagcagcagcuaaaaaCuggg					1	1	seq
	.....uagcagcagcCuaaaaauuggg					1	1	seq
	.....uagcagcagcuaaaaauugUg					1	1	seq
	.....Cagcagcagcuaaaaauuggg					1	1	seq
	.....uagcagcagcuaaaaaGuggg					1	1	seq
	.....uagcagcagcuaaaaauAgg					2	1	seq
	.....uagcagUacguaaaaauuggg					1	1	seq
	.....uagcagcagcuaaaaauuggg					4114	0	seq
	.....uagcagcagcuaaaaauuggCg					5	1	seq
	.....uagcagcagcuaaaaauugCug					1	1	seq
	.....uaUcagcagcuaaaaauuggg					1	1	seq
	.....uagcagcagcCaaaauuggg					2	1	seq

Mature

Star

cugucauacuuguuccgccc	uagcagcacguaaaauugggu	aguaaaaaaacuuaaac	cccaauuuauugugcugcu	aaagcguggcagaggu	cagcaacuuguuu			
.....	uUgcagcacguaaaauugggug	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguGaaauugggug	.....	.....	.....	.....	1	1	seq
.....	uagcagcGcguaaaauuggguA	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauuggGg	.....	.....	.....	.....	4	1	seq
.....	uagcagcacUuaaaauugggug	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauuggguA	.....	.....	.....	.....	68	1	seq
.....	uagcagcacguaaaauuggguAu	.....	.....	.....	.....	8	1	seq
.....	uagcagcacguaaaauugggugC	.....	.....	.....	.....	3	1	seq
.....	uagcagcacguaaaauuCGugu	.....	.....	.....	.....	1	1	seq
.....	uagcagcaAGuaaaauugggugu	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauugggugG	.....	.....	.....	.....	74	1	seq
.....	Cagcagcacguaaaauugggugu	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauugggugu	.....	.....	.....	.....	653	0	seq
.....	uagcagcacguaaaauuggguUu	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauugggugA	.....	.....	.....	.....	571	1	seq
.....	uaUcagcacguaaaauugggugu	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauugggugua	.....	.....	.....	.....	3	0	seq
.....	uagcagcacguaaaauugggugAa	.....	.....	.....	.....	4	1	seq
.....	uagcagcacguaaaauugggugGa	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauuggguguagu	.....	.....	.....	.....	1	0	seq
.....	agcagcacguaaaauugggugu	.....	.....	.....	.....	1	0	seq
.....	agcacguaaaauugggug	.....	.....	.....	.....	1	0	seq
.....	.....	.....	ccccaauuuauugugcugcuu	.....	.....	1	0	seq
.....	.....	.....	cccaauuuauugugcugcu	.....	.....	8	0	seq
.....	.....	.....	cccaauuuauugugcugcuu	.....	.....	25	0	seq
.....	.....	.....	cccaauuuauugugcugcuua	.....	.....	1	0	seq
.....	.....	.....	cccaauuuauugugcugcuuU	.....	.....	4	1	seq
.....	.....	.....	cccaauuuauugugcugcuuaU	.....	.....	1	1	seq
.....	.....	.....	ccaauuuauugugcugcuu	.....	.....	5	0	seq
.....	.....	.....	ccaauuuauugugcugcuuU	.....	.....	1	1	seq
.....	.....	.....	ccaauuuauugugcugcuua	.....	.....	3	0	seq
.....	.....	.....	ccaauuuauugugcugcuuaU	.....	.....	1	1	seq

Provisional ID : mun-miR-30c
 Score total : 12620.6
 Score for star read(s) : 3.9
 Score for read counts : 12610.1
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 24746
 Mature read count : 24323
 Loop read count : 0
 Star read count : 423



Mature

Star

5' -	reads	mm	sample
gagcucugagugacagguag <u>uguaaacauccuacacucucagc</u> guggaacuaagaaagcugggagaaggcuguuuacucucccgccuuggaaaucaucuggagaacaa	3	0	seq
gagcucugagugacagguag <u>uguaaacauccuacacucucagc</u> guggaacuaagaaagcugggagaaggcuguuuacucucccgccuuggaaaucaucuggagaacaa	2	0	seq
.....a <u>uguaaacauccuacacucucagc</u>	1	1	seq
..... <u>uguaaacauccuacacuc</u>	1	0	seq
..... <u>uguaaacauccuacacucu</u>	40	0	seq
..... <u>Aguaaacauccuacacucu</u>	1	1	seq
..... <u>uguaaacauccuacacucuc</u>	85	0	seq
..... <u>uguaaacauccuacacucuca</u>	478	0	seq
..... <u>uguaaacauccuacacucucU</u>	12	1	seq
..... <u>Gguaaacauccuacacucuca</u>	1	1	seq
..... <u>uguaaacauccuacacucucaA</u>	11	1	seq
..... <u>uguaaacauccuacacucucaU</u>	8	1	seq
..... <u>uguaaacauccuacacucucag</u>	330	0	seq
..... <u>uguaaacauccuacGcucucag</u>	1	1	seq
..... <u>uguaaacaUcucacucucag</u>	1	1	seq
..... <u>uguaaacauccuacacucCag</u>	1	1	seq
..... <u>uUuaaacauccuacacucucagc</u>	1	1	seq
..... <u>uguaaacaUAcuacacucucagc</u>	2	1	seq
..... <u>uguaaacauccuacacucUagc</u>	1	1	seq
..... <u>uguaaaaAuuccuacacucucagc</u>	2	1	seq
..... <u>uguaaacauccuacacucucagA</u>	37	1	seq
..... <u>Gguaaacauccuacacucucagc</u>	3	1	seq
..... <u>uAuaaacauccuacacucucagc</u>	2	1	seq
..... <u>uguaaacUuccuacacucucagc</u>	1	1	seq
..... <u>ugGaaacauccuacacucucagc</u>	2	1	seq
..... <u>uguaaacauUcuacacucucagc</u>	3	1	seq
..... <u>uguaaacGuccuacacucucagc</u>	3	1	seq
..... <u>uguaaacauccuacacucGucagc</u>	1	1	seq
..... <u>Aguaaacauccuacacucucagc</u>	3	1	seq
..... <u>uguaaacauccuacacucucUgc</u>	1	1	seq
..... <u>ugCaaacauccuacacucucagc</u>	2	1	seq
..... <u>uguaaacauccuacacAcucagc</u>	2	1	seq
..... <u>uguaaacauccuacUacucucagc</u>	4	1	seq

Mature

Star

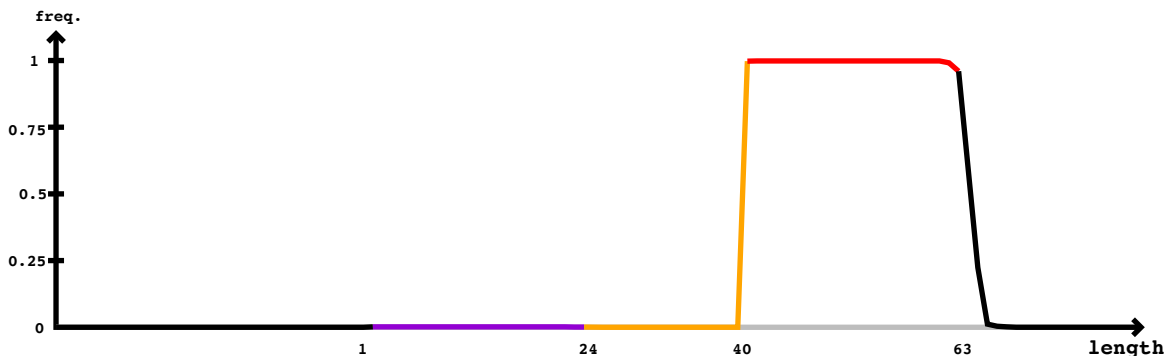
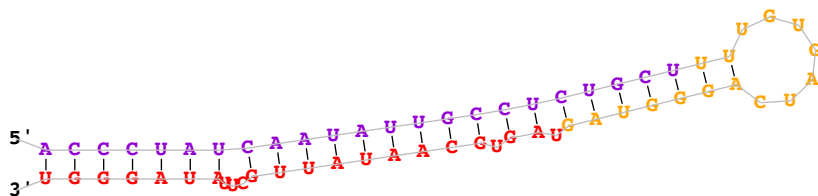
Sequence	Count	Star	Seq
gagcucugagugacagguag <u>uguaaacauccuacacucucagc</u> uguggaaacuaagaagcugggagaaggcuguuuuacucucccugccuuggaaaucaucuggagaacaa	5155	0	seq
.....uguaaacauccuacacucucagc.....	1	1	seq
.....uguaaacauccuaGacucucagc.....	1	1	seq
.....uguaaacauccuaAacucucagc.....	1	1	seq
.....ugAaaacauccuacacucucagc.....	2	1	seq
.....uguaaacauccuacacuUucagc.....	3	1	seq
.....uguaaacauccuacacucucagU.....	182	1	seq
.....uguaaacauccAacacucucagc.....	1	1	seq
.....uguaaacauccuacacucuAagc.....	1	1	seq
.....uguaaacaucUuacacucucagc.....	1	1	seq
.....uguaaacaGccuacacucucagcu.....	1	1	seq
.....uguaaacauccuacacucucagAu.....	3	1	seq
.....uguaaacauccuacacucucaUcu.....	2	1	seq
.....uguaaacauccuacacCcucagcu.....	2	1	seq
.....Aguaaacauccuacacucucagcu.....	11	1	seq
.....uguaaacauccuacaAucucagcu.....	2	1	seq
.....uguaaacauccuacacucGcagcu.....	1	1	seq
.....uguaaacauccuGcacucucagcu.....	1	1	seq
.....uguaaacauccuacacucucagcA.....	163	1	seq
.....uguaGacauccuacacucucagcu.....	2	1	seq
.....uAuaaacauccuacacucucagcu.....	3	1	seq
.....uguaaacauccuacGcucucagcu.....	3	1	seq
.....uguaaacauccuacacucucagcC.....	10	1	seq
.....uguaaacauccuacacucuUagcu.....	4	1	seq
.....Cguaaacauccuacacucucagcu.....	7	1	seq
.....uguaaacaucGuacacucucagcu.....	1	1	seq
.....uguaaacauccuacacAucucagcu.....	5	1	seq
.....ugCaaacauccuacacucucagcu.....	3	1	seq
.....uguaaacauccuacUcucucagcu.....	1	1	seq
.....uguaaacauccuacacucucagcu.....	17216	0	seq
.....uguaaacaucGcuacacucucagcu.....	1	1	seq
.....uguaaacaucAcuacacucucagcu.....	2	1	seq
.....uguaaaAauccuacacucucagcu.....	3	1	seq
.....ugAaaacauccuacacucucagcu.....	1	1	seq
.....uguaaacCuccuacacucucagcu.....	1	1	seq
.....uCuaaacauccuacacucucagcu.....	5	1	seq
.....Gguaaacauccuacacucucagcu.....	8	1	seq
.....uguaaacauccuacaGuucucagcu.....	1	1	seq
.....uguaaacauccuaAacucucagcu.....	2	1	seq
.....uguaaacauccuacacucuGucagcu.....	1	1	seq
.....uguaaacauccCacacucucagcu.....	2	1	seq
.....uguaaacauccuacacuUucagcu.....	3	1	seq
.....uguaaacauccuaGacucucagcu.....	1	1	seq
.....uguaaacauccuacacucucagUu.....	4	1	seq
.....uguaaacaucUcuacacucucagcu.....	7	1	seq
.....uguaaacaucUuacacucucagcu.....	2	1	seq
.....uguaaacauccuacacuAucagcu.....	2	1	seq
.....uguaaacauccuaUacucucagcu.....	6	1	seq
.....uguaaacauccuacacucucagcG.....	125	1	seq
.....uguaaacauccuacacucucGgcu.....	3	1	seq
.....uguaaacauccuacacucucaCcu.....	1	1	seq
.....uguaaacaucAaacacucucagcu.....	2	1	seq
.....uguaaaUauccuacacucucagcu.....	3	1	seq
.....uguaaacauccuacacucuAagcu.....	3	1	seq
.....uguaaacauccuacacucAcagcu.....	1	1	seq
.....uUuaaacauccuacacucucagcu.....	1	1	seq
.....uguaaacauccuacacucucagcug.....	3	0	seq
.....uguaaacauccuacacucucagcuC.....	3	1	seq
.....uguaaacauccuacacucucagcuU.....	222	1	seq
.....uguaaacauccuacacucucagcuA.....	7	1	seq
.....uguaaacauccuacacucucagcuAu.....	6	1	seq
.....uguaaacauccuacacAcucagcugu.....	1	1	seq
.....uguaaacauccuacacucucagcuUu.....	24	1	seq
.....uguaaacauccuacacucucagcugu.....	22	0	seq
.....uguaaacauccuacacucucagcugA.....	1	1	seq
.....uguaaacauccuacacucucagcuCu.....	1	1	seq
.....uguaaacauccuacacucucagcugug.....	2	0	seq
.....uguaaacauccuacacucucagcugugga.....	1	0	seq
.....uguaaacauccuacacucucagcuguggaa.....	3	0	seq
.....guaaacauccuacacucucagc.....	1	0	seq
.....guaaacauccuacacucucagcu.....	5	0	seq

Mature

Star

gagcucugagugacagguag <u>uguaaacauccuacacucucagcuguggaaacuaagaaagcugggagaaggcuguuuacucuccugccuggaaaucaucuggagaacaa</u>			
.....uaaacauccuacacucuca.....	1	0	seq
.....uaaacauccuacacucucagcu.....	2	0	seq
.....cauccuacacucucagcu.....	1	0	seq
.....aagcugggagaaggcuguuuacu.....	1	0	seq
.....cugggagaaggcuguuuac.....	1	0	seq
.....cugggagaaggcuguuuacA.....	1	1	seq
.....Uugggagaaggcuguuuacu.....	1	1	seq
.....cugggagaaggcuguuuacu.....	23	0	seq
.....cugggagaaggcuguuuacuc.....	24	0	seq
.....cugggagaaggGuguuuacucu.....	1	1	seq
.....cugggagaaggUcuguuuacucu.....	1	1	seq
.....cugggagaaggcuguuuacucC.....	3	1	seq
.....cugggagaaggAuguuuacucu.....	1	1	seq
.....cugggagaaggcuguuuacucu.....	343	0	seq
.....cugggagaaggcugAuuacucu.....	1	1	seq
.....cugggagaaggcuguuuacucA.....	3	1	seq
.....cugCgagaaggcuguuuacucu.....	1	1	seq
.....cugggagaaggcuguuuacucuA.....	1	1	seq
.....cugggagaaggcuguuuacucuU.....	12	1	seq
.....ugggagaaggcuguuuacucu.....	5	0	seq
.....ugggagaaggcuguuuacucuU.....	1	1	seq
.....cccugccuggaaaucaucug.....	2	0	seq
.....cccugccuggaaaucaucuggagaac.....	1	0	seq

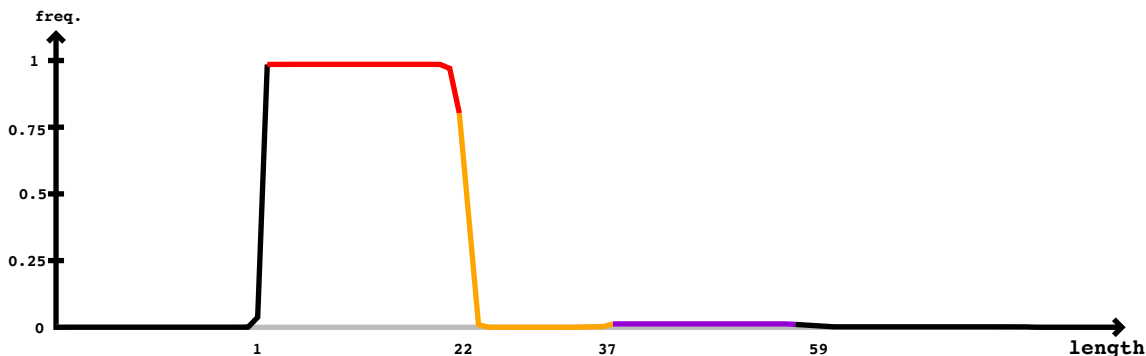
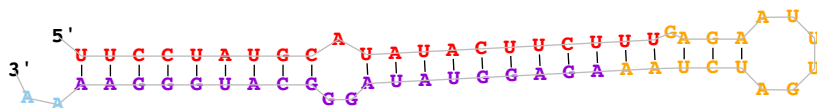
Provisional ID : mun-miR-454
 Score total : 5.2
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 1268
 Mature read count : 1266
 Loop read count : 0
 Star read count : 2



Star **Mature**

5' -	Star	Mature	-3'	obs	exp	reads	mm	sample
cauuauccagcuuccuaaccuaaaggauagag	accuaucaauauugccucugcu	uuugugaucagggua	guagugcaauauugcuauagggu	cuuuuuuuugagggua				
cauuauccagcuuccuaaccuaaaggauagagac	ccuaucaauauugccucugcu	uuugugaucagggua	guagugcaauauugcuauagggu	cuuuuuuuugagggua				
.....(((((((((((.....))))))))).....(((((((((((.....))))))))).....(((((((((((.....))))))))).....(((((((((((.....))))))))).....(((((((((((.....))))))))).....				
.....accuaucaauauugccucug.....					1	0	seq	
.....accuaucaauauugccucugcu.....					1	0	seq	
.....uagugcaauauugcuauagg.....					9	0	seq	
.....uagugcaauauugcuauaggA.....					4	1	seq	
.....uagugcaauauugcuauagg.....					34	0	seq	
.....uagugcaauauugcuauaggU.....					2	1	seq	
.....uagugcaauauugcuauaggG.....					4	1	seq	
.....uagugcaauauugcuauagggu.....					689	0	seq	
.....uagugcaauauugcuauaggGA.....					16	1	seq	
.....Cagugcaauauugcuauagggu.....					1	1	seq	
.....uagugcaauauugcuauaggG.....					2	1	seq	
.....uagugcaauauugcuauaggguC.....					189	0	seq	
.....uagugcaauauugcuauagggu.....					1	1	seq	
.....uagugcaauauugcuauaggguG.....					2	1	seq	
.....uagugcaauauugcuauaggGc.....					1	1	seq	
.....uagugcaauauugcuauaggguU.....					21	1	seq	
.....uagugcaauauugcuauaggguA.....					5	1	seq	
.....Aagugcaauauugcuauagggu.....					1	1	seq	
.....uagugcaauauugcuauagggu.....					256	0	seq	
.....uagugcaauauugcuauaggguU.....					3	1	seq	
.....uagugcaauauugcuauaggguCA.....					3	1	seq	
.....uagugcaauauugcuauaggguLu.....					2	1	seq	
.....uagCgcaauauugcuauagggu.....					1	1	seq	
.....uagugcaauauugcuauaggguC.....					2	1	seq	
.....uagugcaauauugcuauaggguC.....					2	1	seq	
.....uagugcaauauugcuauaggguCA.....					3	1	seq	
.....uagugcaauauugcuauaggguuu.....					7	0	seq	
.....uagugcaauauugcuauaggguuu.....					3	0	seq	
.....uagugcaauauugcuauaggguuu.....					2	0	seq	
.....agugcaauauugcuauagggu.....					1	0	seq	

Provisional ID : mun-miR-202
 Score total : 13766.7
 Score for star read(s) : 3.9
 Score for read counts : 13759.8
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 27001
 Mature read count : 26695
 Loop read count : 0
 Star read count : 306



Mature **Star**

5'	aucuggcucguuguuccuuuuucccaugcauaauacuucuuugagaaauugaucuaaagagguuuagggcaugggaaaauuggggcaacugagguacuucaccauucuuu	-3'	obs	
	aucuggcucguuguuccuuuuucccaugcauaauacuucuuugagaaauugaucuaaagagguuuagggcaugggaaaauuggggcaacugagguacuucaccauucuuu		exp	
	...(((.....))).....	reads	mm	sample
	aucuggcucguuguuccuu.....	2	0	seq
	aucuggcucguuguuccuu.....	3	0	seq
	.....uuuccaugcauaauacuucuu.....	2	0	seq
	.....Guuccaugcauaauacuucuu.....	1	1	seq
	.....uuuccaugcauaauacuucuu.....	1	0	seq
	.....Cuuccaugcauaauacuucuu.....	1	1	seq
	.....uuuccaugcauaauacuucuu.....	1	1	seq
	.....uuuccaugUauauacuucuu.....	1	1	seq
	.....uuuccaugcauaauacuucuu.....	16	0	seq
	.....uuuccaugcauaauacuucuu.....	275	0	seq
	.....uuuccaugUauauacuucuu.....	1	1	seq
	.....uAuuccaugcauaauacuucuu.....	1	1	seq
	.....uuuccaugcauaauacuucuuC.....	1	1	seq
	.....Auuccaugcauaauacuucuu.....	2	1	seq
	.....Guuccaugcauaauacuucuu.....	1	1	seq
	.....Cuuccaugcauaauacuucuu.....	3	1	seq
	.....uuuccaugcauaauacuucuu.....	685	0	seq
	.....uuuccaugcaCauacuucuu.....	1	1	seq
	.....uuuccaugcauaauAuucuu.....	1	1	seq
	.....uuuccaugcauaauacuucuuug.....	2	0	seq
	.....uuuccaugcauaauacuucuuuA.....	5	1	seq
	.....uuuccaugcauaauacuucuuuU.....	9	1	seq
	.....uuuccaugcauaauacuucuuuCa.....	1	1	seq
	.....uuuccaugcauaauacuucuuuga.....	1	0	seq
	.....uuuccaugcaCauacuuc.....	1	1	seq
	.....uuuccaugcauaauacuuc.....	10	0	seq
	.....uuuccaugcauaauacuucuu.....	345	0	seq
	.....uuuccaugUauauacuucuu.....	31	1	seq
	.....Cuuccaugcauaauacuucuu.....	1	1	seq
	.....uuuccaugcauaauacuucG.....	1	1	seq
	.....uuuccaugUauauacuucuu.....	60	1	seq
	.....uuuccaugcauaauacuucuu.....	1	1	seq
	.....uuuccaugcauaauacuucuu.....	1	1	seq

Mature

Star

aucuggcucguuguuccuuuuuccuaugcauaauacuuccuuugagaaauugaucuaaagagguauaggcgauggaaaauggggcaacugagguacuaccacaucauuu

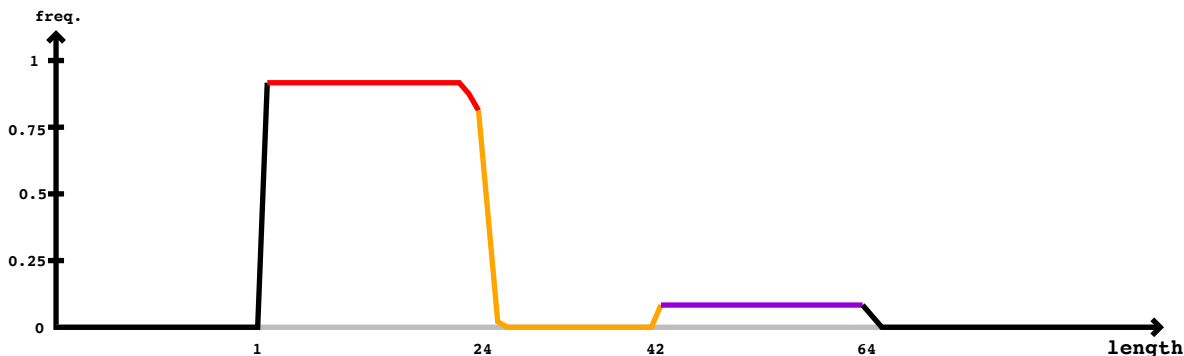
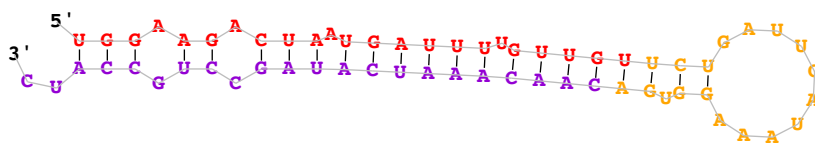
.....uuccCaugcauaauacuuccu.....	3	1	seq
.....uuccuauUcauaauacuuccu.....	2	1	seq
.....uucccaugcauaauacuuccu.....	4171	0	seq
.....uucGaugcauaauacuuccu.....	1	1	seq
.....uucAaugcauaauacuuccu.....	2	1	seq
.....uucccaugcauaauAuuccu.....	2	1	seq
.....uucccaugcauaauacuuccu.....	2	1	seq
.....uAcccaugcauaauacuuccu.....	1	1	seq
.....Aucccaugcauaauacuuccu.....	2	1	seq
.....uucccaugcauaauacuuccuG.....	1	1	seq
.....uucccaugcauaauCcuuccu.....	1	1	seq
.....Gucccaugcauaauacuuccu.....	5	1	seq
.....uucccaugcaCauacuuccu.....	5	1	seq
.....Cucccaugcauaauacuuccu.....	2	1	seq
.....uucccaugcauaauacuuccu.....	1	1	seq
.....uucccaugcauGuacuuccu.....	1	1	seq
.....uucccaugcauaauUuuccu.....	1	1	seq
.....uuAcuaugcauaauacuuccu.....	3	1	seq
.....uucccaugcauaauGcuuccuu.....	2	1	seq
.....uucccaugcGuaauacuuccuu.....	6	1	seq
.....uucccaugUauauacuuccuu.....	41	1	seq
.....uucccaugcauaauacuuccuCu.....	1	1	seq
.....uuUcaugcauaauacuuccuu.....	2	1	seq
.....uucccaugcauaauacuuccuu.....	3	1	seq
.....uucccaugcauaauacuuccuu.....	1	1	seq
.....uucccaugcaCauacuuccuu.....	16	1	seq
.....uAcccaugcauaauacuuccuu.....	5	1	seq
.....uucccaugcauaCacuuccuu.....	2	1	seq
.....uucccauUcauaauacuuccuu.....	2	1	seq
.....uuGcaugcauaauacuuccuu.....	1	1	seq
.....uucccaugcauaauacuuccuu.....	2	1	seq
.....uuAcuaugcauaauacuuccuu.....	1	1	seq
.....uucccaugcauaauacuuccuu.....	2	1	seq
.....uucccaugcauaauacuuccu.....	2	1	seq
.....uuccuGugcauaauacuuccuu.....	1	1	seq
.....uucccaugcauaauacuuccuu.....	1	1	seq
.....uucccaugcaAauacuuccuu.....	1	1	seq
.....uucccaugcauaAacuuccuu.....	1	1	seq
.....uucccaugcauaauAuuccuu.....	3	1	seq
.....Aucccaugcauaauacuuccuu.....	10	1	seq
.....uucccaugcauaauacuuccGuu.....	1	1	seq
.....uucccaugcauaauacuuccuuA.....	37	1	seq
.....Gucccaugcauaauacuuccuu.....	15	1	seq
.....uucccaugcauaauacuuccAuu.....	1	1	seq
.....Cucccaugcauaauacuuccuu.....	6	1	seq
.....uCCcaugcauaauacuuccuu.....	1	1	seq
.....uucccaugcauUacuuccuu.....	2	1	seq
.....uucccauGcauaauacuuccuu.....	5	1	seq
.....uucccaugcauaauacuuccuu.....	18986	0	seq
.....uucccaugcauaauacuuccCu.....	8	1	seq
.....uucccaugcauaauacuuccuG.....	4	1	seq
.....uucAaugcauaauacuuccuu.....	2	1	seq
.....uucccaugcauaauUuuccuu.....	4	1	seq
.....uucccauAcuaauacuuccuu.....	2	1	seq
.....uucccaugAuaauacuuccuu.....	6	1	seq
.....uucccaugcauaauacuuccuuug.....	1015	0	seq
.....uucccaugcauaauacuuccuuC.....	5	1	seq
.....uucccaugcaCauacuuccuuug.....	1	1	seq
.....uuccCaugcauaauacuuccuuug.....	1	1	seq
.....uucccaugcauaauacuuccuuA.....	220	1	seq
.....uucccaugcauaauacuuccuuU.....	328	1	seq
.....Gucccaugcauaauacuuccuuug.....	1	1	seq
.....Aucccaugcauaauacuuccuuug.....	1	1	seq
.....uucccaugcauaauacuuccuuugC.....	1	1	seq
.....uucccaugcauaauacuuccuuugG.....	2	1	seq
.....uucccaugcauaauacuuccuuUa.....	3	1	seq
.....uucccaugcauaauacuuccuuuga.....	156	0	seq
.....uucccaugcauaauacuuccuuUG.....	53	1	seq
.....uucccaugcGuaauacuuccuuuga.....	1	1	seq
.....uucccaugcauaauacuuccuuuga.....	1	1	seq

Mature

Star

aucuggcucguuguuccuuuuucccaugcauauacuuccuuugagaauuugaucuaaagagguauuagggcaugggaaaauaggggcaacugagguacuuccaccuucuuuu			
.....uuccaugcauauacuuccuuuAa.....	31	1	seq
.....uuccaugcauauacuuccuuugaU.....	1	1	seq
.....uuccaugcauauacuuccuuugag.....	6	0	seq
.....uuccaugcauauacuuccuuugaA.....	1	1	seq
.....uuccaugcauauacuuccuuugCga.....	1	1	seq
.....uuccaugcauauacuuccuuugaga.....	1	0	seq
.....uccaugcauauacuuccuuu.....	6	0	seq
.....uccaugcauauacuuccuuug.....	1	0	seq
.....uccaugcauauacuuccuuugU.....	1	1	seq
.....cuaucauauacuuccuuu.....	2	0	seq
.....gagaauuugaucuaaaagagguauuagggcaugggaaaau.....	1	0	seq
.....uaaagagguauuagggcaugggaa.....	8	0	seq
.....uaaagagguauuagggcaugggaa.....	16	0	seq
.....uaaagaggGauagggcaugggaa.....	1	1	seq
.....uaaagagguauuagggcaugggaaU.....	2	1	seq
.....uaaagagguauuagggcaugggaaU.....	6	1	seq
.....uaaagagguauuagggcaugggaaa.....	1	0	seq
.....uaaagagguauuagggcaugggaaUa.....	1	1	seq
.....aaagagguauuagggcaugggaa.....	2	0	seq
.....aaagagguauuagggcaugggaa.....	3	0	seq
.....aaagagguauuagggcaugggaaU.....	1	1	seq
.....aaagagguauuagggcaugggaaaau.....	1	0	seq
.....aagagguauuagggcaugggaa.....	4	0	seq
.....aagagguauuagggcaugggaa.....	7	0	seq
.....aagagguauuagggcaugggaaU.....	2	1	seq
.....aagagguauuagggcaugggaaa.....	7	0	seq
.....aagagguauuagggcaugggaaaU.....	3	1	seq
.....aagagguauuagggcaugggaaaa.....	2	0	seq
.....aagagguauuagggcaugggaaaau.....	1	0	seq
.....agagguauuagggcauggg.....	1	0	seq
.....agagguauuagggcaugggC.....	1	1	seq
.....agagguauuagggcaugggaa.....	35	0	seq
.....agagguauuagggcaugggaa.....	131	0	seq
.....agagguauuagggcaugggaaC.....	1	1	seq
.....agagguauuagggcaugggaaU.....	13	1	seq
.....agagguauuagggcaugggaaG.....	1	1	seq
.....agagguauuagggcaugggaaa.....	49	0	seq
.....agaggAauagggcaugggaaa.....	1	1	seq
.....agagguauuagggcaugggaaaa.....	15	0	seq
.....agagguauuagggcaugggaaaU.....	5	1	seq
.....agagguauuagggcaugggaaaC.....	2	1	seq
.....agagguauuagggcaugggaaaau.....	8	0	seq
.....agagguauuagggcaugggaaaUu.....	1	1	seq
.....agagguauuagggcaugggaaaCu.....	2	1	seq
.....agagguauuagggcaugggaaaaC.....	5	1	seq
.....agagguauuagggcaugggaaaauU.....	1	1	seq
.....agagguauuagggcaugggaaaauA.....	1	1	seq
.....uggggAaacugagguacu.....	1	1	seq
.....uggggcaacugagguacu.....	1	0	seq
.....uggggcaacugagguacuuc.....	2	0	seq
.....Cggggcaacugagguacuuc.....	1	1	seq
.....uggggcaacugagguacuuca.....	3	0	seq
.....uggggcaacugagguacuucaA.....	4	1	seq
.....uggggcaacugagguacuucac.....	29	0	seq
.....uggggcaacugagguacuucacc.....	2	0	seq

Provisional ID : mun-miR-7-4
 Score total : 28.2
 Score for star read(s) : 3.9
 Score for read counts : 18.5
 Score for mfe : 1.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 48
 Mature read count : 44
 Loop read count : 0
 Star read count : 4

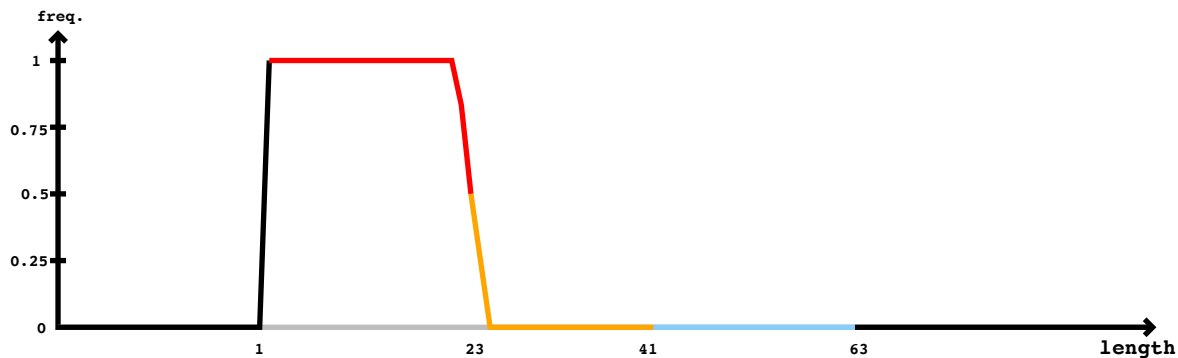
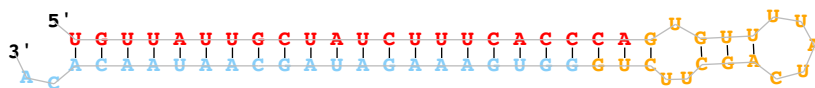


Mature

Star

5' -	Sequence	-3'	obs	exp	reads	mm	sample
	ucucguggucugccucugug uggaagacuaaugauuuuguugu ucugauugauaaaggugacaacaaauc <u>augccugccauc</u> cagcacagaccugcaccucgcugugccgu						
	ucucguggucugccucugug uggaagacuaaugauuuuguugu ucugauugauaaaggugacaacaaauc <u>augccugccauc</u> cagcacagaccugcaccucgcugugccgu						
(((((((.....(((((((.....(((((((.....(((((((.....))						
	.....uggaagacuaaugauuuuguu		2	0			seq
	.....uggaagacuaaugauuuuguug		3	0			seq
	.....uggaagacuaaugauuuuguu		25	0			seq
	.....uggaagacuaaugauuuuguuu		13	0			seq
	.....uggaagacuaaugauuuuguuuU		1	1			seq
	.....caacaaauc<u>augccugccauc</u>		4	0			seq

Provisional ID :mun-novel98
Score total : 0
Score for star read(s) : -1.3
Score for read counts : -2.8
Score for mfe : 3.2
Score for randfold : 1.6
Score for cons. seed : -0.6
Total read count : 6
Mature read count : 6
Loop read count : 0
Star read count : 0

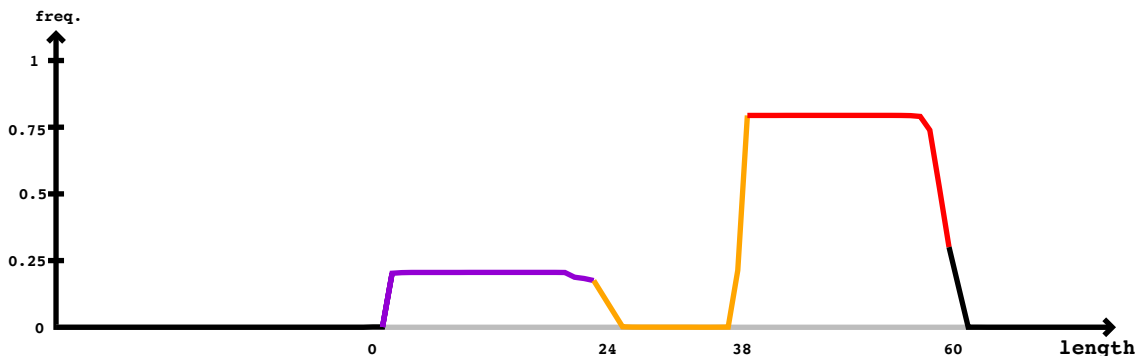
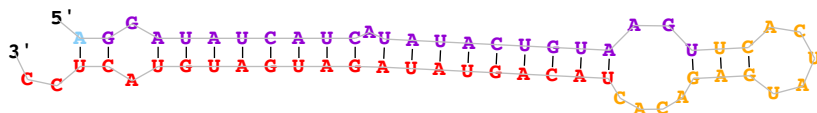


Mature

Star

5' -	Sequence	-3'	exp	reads	mm	sample
..	gcuccuguccagcuccaug <u>guuuauugcuaucuuucacccaguguuuuauagc<u>uucgggugaagauagca</u>uaacacauggagcugggacaggacugcccuggguga</u>			1	0	seq
.....	guuuauugcuaucuuucacc.....			2	0	seq
.....	guuuauugcuaucuuucacca.....			2	0	seq
.....	guuuauugcuaucuuucaccaU.....			1	1	seq

Provisional ID : mun-miR-144
 Score total : 2901.1
 Score for star read(s) : 3.9
 Score for read counts : 2891.3
 Score for mfe : 1.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 5683
 Mature read count : 4516
 Loop read count : 0
 Star read count : 1167



Star **Mature**

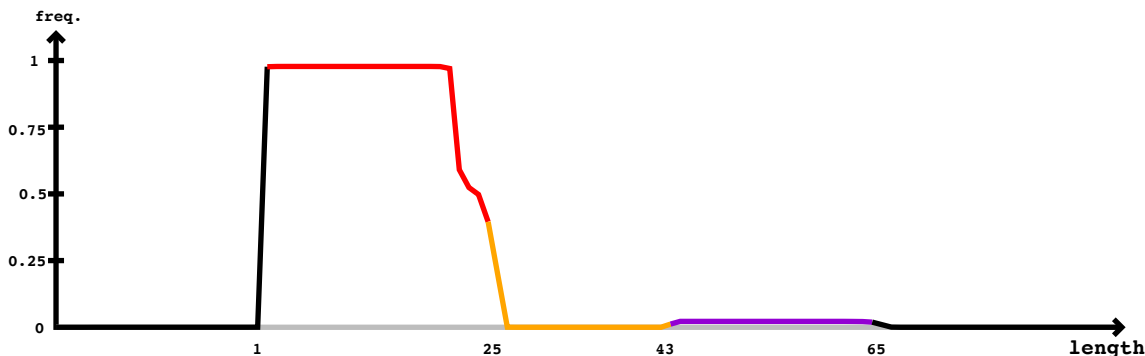
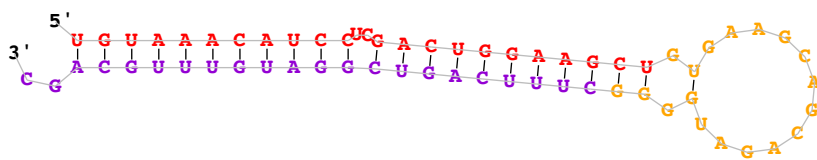
5' -	obs	reads	mm	sample
ccccauggcacacaccacgcgugcccgagggaugaucaucauauacuguaagucacuaugagacacucacagauagaugauguacuccccugugcugcaccacc	-3'			
ccccauggcacacaccacgcgugcccgagggaugaucaucauauacuguaagucacuaugagacacucacagauagaugauguacuccccugugcugcaccacc	exp			
.....(((.....)))...((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....))).....))).....))).....))).....))).....))).....))).....))).....				
.....caggaucaucauauacugua.....		6	0	seq
.....ggaucaucauauacug.....		2	0	seq
.....ggaucaucauauacug.....		95	0	seq
.....ggaucaucauauacugCa.....		1	1	seq
.....ggaucaucauauacugua.....		26	0	seq
.....ggaucaucauauacuguaa.....		44	0	seq
.....ggaucaucauauacuguaag.....		157	0	seq
.....ggaucaucauauacuguaaU.....		1	1	seq
.....ggaucaucauauacuguaag.....		1	1	seq
.....ggaucaucauauacuguaaA.....		3	1	seq
.....ggaucaucauauacuguaGg.....		1	1	seq
.....ggaucaucauauacuguaaG.....		16	1	seq
.....ggaucaucauauacuguaaU.....		1	1	seq
.....ggaucaucauauacuguaaG.....		743	0	seq
.....ggaucaucauauacuguaaG.....		1	1	seq
.....ggaucaucauauacuguaaG.....		1	1	seq
.....ggaucaucauauacuguaaG.....		1	1	seq
.....ggaucaucauauacuguaaG.....		38	0	seq
.....ggaucaucauauacuguaaG.....		5	1	seq
.....ggaucaucauauacuguaaG.....		2	0	seq
.....ggaucaucauauacuguaaG.....		4	1	seq
.....ggaucaucauauacuguaaG.....		1	1	seq
.....ggaucaucauauacuguaaG.....		1	0	seq
.....gaaucucauauacuguaaG.....		7	0	seq
.....gaaucucauauacuguaaU.....		1	1	seq
.....gaaucucauauacuguaaG.....		1	1	seq
.....gaaucucauauacuguaaG.....		5	0	seq
.....auaucucauauacuguaaG.....		1	0	seq
.....auaucucauauacuguaaG.....		2	0	seq
.....auaucucauauacuguaaG.....		1	0	seq
.....ucauauacuguaaG.....		1	0	seq
.....cacuacagauagaugauacu.....		1	0	seq
.....cacuacagauagaugauacu.....		1	0	seq

Star

Mature

ccccauggcacacaccacgcgcccuggcaggauaucacauaacuguaagucacuaugagacac <u>cuacaguauagaugauacucc</u> ccugugcgcaccacc			
.....acuacaguauagaugaug.....	1	0	seq
.....acuacaguauagaugauacuc.....	1	0	seq
.....cuacaguauagaugaugu.....	4	0	seq
.....cuacaguauagaugaua.....	4	0	seq
.....cuacaguauGgaugauguac.....	2	1	seq
.....cuacaguauagaugauguac.....	117	0	seq
.....Guacaguauagaugauguacu.....	1	1	seq
.....cuacaguauagaugaugaUu.....	8	1	seq
.....cuacaguauGgaugauguacu.....	11	1	seq
.....cuacaguauagaugauguacG.....	1	1	seq
.....cuacaguauagaugauguacu.....	403	0	seq
.....cuacaguauagaugauguacuc.....	290	0	seq
.....cuacaguauagaugauguacuU.....	2	1	seq
.....cuacagCauagaugauguacuc.....	1	1	seq
.....cuacaguauagaugaugGacuc.....	1	1	seq
.....cuacaguauagaugauguacucc.....	1	0	seq
.....cuacaguauagaugauguacucU.....	363	1	seq
.....uacaguauagaugaugua.....	14	0	seq
.....uacaguauagaugaugaA.....	1	1	seq
.....uacaguauagaugauguac.....	170	0	seq
.....Aacaguauagaugauguacu.....	1	1	seq
.....uacagAauagaugauguacu.....	1	1	seq
.....uacaguauagaugauguacu.....	783	0	seq
.....uacaguauagaugaugGacu.....	1	1	seq
.....uacaguauagaugaCguacu.....	1	1	seq
.....uacCguauagaugauguacu.....	1	1	seq
.....uacaguauGgaugauguacu.....	12	1	seq
.....uacaguauagaugaugaUu.....	3	1	seq
.....uacagGauagaugauguacu.....	1	1	seq
.....Cacaguauagaugauguacuc.....	1	1	seq
.....uacaguauagaugaugAacuc.....	1	1	seq
.....uacaguauGgaugauguacuc.....	2	1	seq
.....uacaguauagaugaugGacuc.....	1	1	seq
.....uacaguauagaugauguacuc.....	959	0	seq
.....Gacaguauagaugauguacuc.....	1	1	seq
.....uacaguauagaugauCuacuc.....	1	1	seq
.....uacaguauagaugauguacuU.....	2	1	seq
.....uacaguauagaugauAaacuc.....	1	1	seq
.....uacaguauagaugaugaUuc.....	2	1	seq
.....uacaguauagaugauguacucG.....	1	1	seq
.....uacaguauagaugauguacucA.....	3	1	seq
.....uacaguauagaugauguacucc.....	5	0	seq
.....uacaguauagaugauguacucU.....	1331	1	seq
.....uacaguauagaugauguacuccU.....	2	1	seq
.....uacaguauagaugauguacuccA.....	1	1	seq
.....uacaguauagaugauguacucUccu.....	1	1	seq
.....guauagaugauguacucU.....	1	1	seq

Provisional ID : mun-miR-30b
 Score total : 89093
 Score for star read(s) : 3.9
 Score for read counts : 89082.4
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 174743
 Mature read count : 170876
 Loop read count : 1
 Star read count : 3866



Mature

Star

5' -	obs	mm	sample
ugcuguugacagugagcgac	3	0	seq
ugcuguugacagugagcgac	2	0	seq
.gcuguugacagugagcgac	5	0	seq
.cuguugacagugagcgac	1	1	seq
.aAuguaaacaucccugacuggaagc	1	1	seq
.Uguaaacaucccugacugga	11	0	seq
.cuguaaacaucccugacugga	4	0	seq
.cuguaaacaucccugacuggaagcu	1	1	seq
.Auguaaacaucccugacuggaagcu	1	1	seq
.cuguaaacaucccugacuggaagcu	1	1	seq
.uguaaacaucccugacug	1	1	seq
.uguaaacaucccugacug	92	0	seq
.uguaaaAuucccugacug	1	1	seq
.uguaaacauGcucgacug	1	1	seq
.uguaaacaucccugacug	1238	0	seq
.uguaaacauUcucgacug	1	1	seq
.uguaaacauAaccgacug	1	1	seq
.uguaaacauAaccgacugA	16	1	seq
.Cguaaacaucccugacug	19	1	seq
.uguaaacauCcg	2	1	seq
.uguaaaAuucccugacugga	1	1	seq
.uguaaGcaucccugacugga	7	1	seq
.uCuaaacaucccugacugga	6	1	seq
.uguaaacauUuccgacugga	5	1	seq
.uguaaacauUuccgacugga	65462	0	seq
.uguaaacauUuccgacugga	27	1	seq
.uguaaacauUuccgacugCa	10	1	seq
.uguaaacauUuccgacugga	2	1	seq
.AguaaacauUuccgacugga	30	1	seq
.uGuaaacauUuccgacugga	5	1	seq
.uguaUacaucccugacugga	2	1	seq
.uguaaacGucccugacugga	3	1	seq
.uAuaaacauUuccgacugga	9	1	seq
.uguaaacauUuccgacugga	1	1	seq

Mature

Star

Sequence	Mature Count	Star Count	Category
ugcuguugacagugagcgac <u>uguaaacaucccgacuggaagcugugaagcagcagauggggcuuucagucggauuuugcagc</u> ugccaacugccacagacgucaagaa	2	1	seq
..... <u>uguaaacaucccgacugga</u>	11	1	seq
..... <u>ugCaaacaucccgacugga</u>	3	1	seq
..... <u>ugGaaacaucccgacugga</u>	7	1	seq
..... <u>uguaaacauccAcgacugga</u>	4	1	seq
..... <u>uguaaacaucccgGcugga</u>	3	1	seq
..... <u>uguaaacaucccgacAgga</u>	11	1	seq
..... <u>uguaGacaucccgacugga</u>	3	1	seq
..... <u>uguaaacaucccgacuggC</u>	40	1	seq
..... <u>uguaaaUaucccgacugga</u>	3	1	seq
..... <u>uguaaaacauAcucgacugga</u>	8	1	seq
..... <u>uguaaacaCcccgacugga</u>	7	1	seq
..... <u>uguaaUcaucccgacugga</u>	3	1	seq
..... <u>uguaaaacauUcucgacugga</u>	38	1	seq
..... <u>uguaaaGaucccgacugga</u>	1	1	seq
..... <u>uguaaacaucccgacGgga</u>	1	1	seq
..... <u>uguaaacaucccgUcugga</u>	4	1	seq
..... <u>Gguaaacaucccgacugga</u>	59	1	seq
..... <u>uguaaacaucccgauUugga</u>	8	1	seq
..... <u>uguaaacaucccgacugUa</u>	8	1	seq
..... <u>Cguaaacaucccgacugga</u>	19	1	seq
..... <u>uguaaacaucccUacugga</u>	8	1	seq
..... <u>uguaaacaucccgacuUga</u>	9	1	seq
..... <u>uguaaacauccGcgacugga</u>	1	1	seq
..... <u>uguaaacaucccgacuggG</u>	239	1	seq
..... <u>uguaaacaucccgacuAga</u>	2	1	seq
..... <u>uguaaacUucccgacugga</u>	2	1	seq
..... <u>uUaaacaucccgacugga</u>	9	1	seq
..... <u>uguaaacaucccAcugga</u>	6	1	seq
..... <u>uguaaacaugGcgacugga</u>	3	1	seq
..... <u>uguaaacauccuAagcugga</u>	10	1	seq
..... <u>uguaaacaucccgaAugga</u>	9	1	seq
..... <u>uguaaacaucccgacugAa</u>	8	1	seq
..... <u>uguaaCcaucccgacugga</u>	2	1	seq
..... <u>uguaaacaucccgacCgga</u>	6	1	seq
..... <u>uguaaacaucccCacugga</u>	3	1	seq
..... <u>uguaaacaucccgacuggU</u>	126	1	seq
..... <u>uguUaacaucccgacugga</u>	2	1	seq
..... <u>uguaaacaucccgacuCga</u>	8	1	seq
..... <u>uguGaacaucccgacugga</u>	4	1	seq
..... <u>uguaaacaucccgacuAga</u>	1	1	seq
..... <u>uguaaacaucgacuggaa</u>	3	1	seq
..... <u>uguaaacaucccgacugAaa</u>	1	1	seq
..... <u>uguaaacaucUcgcuggaa</u>	9	1	seq
..... <u>uguaaacaucccAcuggaa</u>	1	1	seq
..... <u>ugAaaacaucccgacuggaa</u>	3	1	seq
..... <u>uguaaacaucccgacGggaa</u>	1	1	seq
..... <u>Cguaaacaucccgacuggaa</u>	1	1	seq
..... <u>ugGaaacaucccgacuggaa</u>	1	1	seq
..... <u>uguaaacauccUGacuggaa</u>	1	1	seq
..... <u>uguaaacaucccgacuggaC</u>	3	1	seq
..... <u>uguaaacaucccgacugCaa</u>	1	1	seq
..... <u>uguaaacaucccgacAggaa</u>	1	1	seq
..... <u>Gguaaacaucccgacuggaa</u>	11	1	seq
..... <u>uguaaacaucccgacuggaa</u>	11198	0	seq
..... <u>uguaaacaucccgacuggGa</u>	3	1	seq
..... <u>uAaaacaucccgacuggaa</u>	1	1	seq
..... <u>uCuaaacaucccgacuggaa</u>	1	1	seq
..... <u>uguaaacaucccgacugUaa</u>	3	1	seq
..... <u>uguaaacaucccgacuUgaa</u>	2	1	seq
..... <u>uguaaacaucccgacuggaG</u>	26	1	seq
..... <u>uguaaacaucUcucgacuggaa</u>	107	1	seq
..... <u>uguaaacaucccgacuggUa</u>	3	1	seq
..... <u>uguaaacauccAcgacuggaa</u>	2	1	seq
..... <u>uguaaacaAcccgacuggaa</u>	1	1	seq
..... <u>uguaaaUaucccgacuggaa</u>	1	1	seq
..... <u>uguaaacaucccgacuCgaa</u>	1	1	seq
..... <u>uUaaacaucccgacuggaa</u>	2	1	seq
..... <u>ugCaaacaucccgacuggaa</u>	5	1	seq
..... <u>uguaaacaucAcgacuggaa</u>	1	1	seq

Mature

Star

ugcuguugacagugagcgacuguaaacaucccgacuggaagcugugaagcagcagauggggcuucagucggauguugcagcugccaacugccacagacgucaagaa

.....uguaaacaucccgacuggaU.....	215	1	seq
.....uguaaacGucccgacugga.....	3	1	seq
.....Aguaaacaucccgacugga.....	10	1	seq
.....uguaaacauccAgacugga.....	1	1	seq
.....uguaaacauccUacugga.....	4	1	seq
.....uguaaacaucccgacCggaag.....	1	1	seq
.....uguaaacaucccgUuggaag.....	1	1	seq
.....uguaaacaucccgacuggaag.....	3150	0	seq
.....Gguaaacaucccgacuggaag.....	3	1	seq
.....uguaaacauccUacuggaag.....	1	1	seq
.....uguaaacaucUcgacuggaag.....	10	1	seq
.....uguaaacGucccgacuggaag.....	1	1	seq
.....uguaaacauccAgacuggaag.....	1	1	seq
.....uguaaacaucccgacuUgaag.....	2	1	seq
.....uguaaacaucccgacuggaC.....	3	1	seq
.....uguaaacaucAucgacuggaag.....	1	1	seq
.....ugAaaacaucccgacuggaag.....	1	1	seq
.....ugCaacaucccgacuggaag.....	1	1	seq
.....uguaaacaucccgacuggaGg.....	2	1	seq
.....Aguaaacaucccgacuggaag.....	2	1	seq
.....uguaaacaucGucgacuggaag.....	1	1	seq
.....uguaaacaucccgacuggaUg.....	1	1	seq
.....uguaaacaucccgacuggaA.....	1230	1	seq
.....uguaaacaucAcgacuggaag.....	1	1	seq
.....uguaaacaucccgUcuggaag.....	1	1	seq
.....uguaaacaucUcgacuggaag.....	11	1	seq
.....ugGaaacaucccgacuggaag.....	1	1	seq
.....uguaaacaucccgacuggaU.....	169	1	seq
.....uguaaacaucccgacuCgaag.....	1	1	seq
.....ugGaaacaucccgacuggaagc.....	1	1	seq
.....uguaaacaucAcgacuggaagc.....	7	1	seq
.....uguaaacaucUcgacuggaagc.....	33	1	seq
.....uguaaacaucGucgacuggaagc.....	2	1	seq
.....uguaaacaucccgacuggaagU.....	3377	1	seq
.....ugCaaacaucccgacuggaagc.....	2	1	seq
.....uguaaacaucccgacAggaagc.....	1	1	seq
.....uguaaacaucGcgacuggaagc.....	1	1	seq
.....uguaaacaucccgAauggaagc.....	2	1	seq
.....uguaaacaucccgacuggaagG.....	4	1	seq
.....uUaaacaucccgacuggaagc.....	4	1	seq
.....uguaaacaucccgacuggCagc.....	1	1	seq
.....uguaaacaucccgacuggaagc.....	12277	0	seq
.....uguaaacaucccgacugAaagc.....	2	1	seq
.....uguaaacaucccgacuUgaagc.....	6	1	seq
.....uguaaaaUaucccgacuggaagc.....	3	1	seq
.....uguaaacaucAucgacuggaagc.....	3	1	seq
.....uCuaaacaucccgacuggaagc.....	2	1	seq
.....uguaaacaucUcgacuggaagc.....	10	1	seq
.....uguaaUcaucccgacuggaagc.....	1	1	seq
.....uguaaacaucccgacugUaagc.....	1	1	seq
.....uguaaacaucGucgacuggaagc.....	1	1	seq
.....Aguaaacaucccgacuggaagc.....	12	1	seq
.....ugAaaacaucccgacuggaagc.....	2	1	seq
.....uguaaacaucccgacuggGagc.....	3	1	seq
.....uAuaaacaucccgacuggaagc.....	2	1	seq
.....Gguaaacaucccgacuggaagc.....	5	1	seq
.....uguaaacaucccgacuggaCc.....	1	1	seq
.....Cguaaacaucccgacuggaagc.....	1	1	seq
.....uguaaacaucccgacuggaGgc.....	1	1	seq
.....uguaaacaGcccgacuggaagc.....	1	1	seq
.....uguaaaaAucccgacuggaagc.....	1	1	seq
.....uguaaacauccuAgacuggaagc.....	3	1	seq
.....uguaaacaucccgUcuggaagc.....	1	1	seq
.....uguaaacaucccgacugCaagc.....	1	1	seq
.....uguaaacGucccgacuggaagc.....	1	1	seq
.....uguaaacaucccgacuggaCgc.....	1	1	seq
.....uguaGacaucccgacuggaagc.....	3	1	seq
.....uguaaacaucccgacuggaagA.....	2040	1	seq
.....uguaaacauccGgacuggaagc.....	1	1	seq
.....uguaaacaucccgUuggaagc.....	1	1	seq

Mature

Star

Sequence	Mature Count	Star Count	Category
ugcuguugacagugagcgacuguaaacaucccgacuggaagcugugaagcagcagauggggcuucagucggauuuugcagcugccaacugccacagacgucaagaa			
.....uguaaacaucccgacuCgaagc.....	3	1	seq
.....uguaaGcaucccgacuggaagc.....	1	1	seq
.....uguaaCcaucccgacuggaagcu.....	3	1	seq
.....uguaaUcaucccgacuggaagcu.....	1	1	seq
.....ugGaaacaucccgacuggaagcu.....	2	1	seq
.....uguaaAcaucAucccgacuggaagcu.....	10	1	seq
.....uguaUcaucccgacuggaagcu.....	2	1	seq
.....ugCaaacaucccgacuggaagcu.....	11	1	seq
.....ugUaacaucccgacuggaagcu.....	1	1	seq
.....uguaaacaucGucccgacuggaagcu.....	1	1	seq
.....uguaaacaucccgacugUaagcu.....	8	1	seq
.....uguaaacaUucccgacuggaagcu.....	2	1	seq
.....uguaaacaGucccgacuggaagcu.....	7	1	seq
.....uguaaacaucccgacAaggaagcu.....	2	1	seq
.....uguaaacaucccgacuCgaagcu.....	6	1	seq
.....uguaaacaucccgauUuggaagcu.....	5	1	seq
.....uguaaacaucccgacuggaUgcu.....	1	1	seq
.....uguaaacaucccgacuggaGgcu.....	5	1	seq
.....uguaaacaucccgacuggaagGu.....	4	1	seq
.....uguaaacaucUucccgacuggaagcu.....	23	1	seq
.....uguaaacaucccgauGuggaagcu.....	2	1	seq
.....Aguaaacaucccgacuggaagcu.....	41	1	seq
.....uguaaacaucccgacuggaUcu.....	9	1	seq
.....uAuaaacaucccgacuggaagcu.....	4	1	seq
.....uguaGacaucccgacuggaagcu.....	9	1	seq
.....uguaaacaucccgacuggGagcu.....	8	1	seq
.....uguaaacaucccgacuggaAacu.....	3	1	seq
.....uguaaacaucccgacuggaCcu.....	1	1	seq
.....uguaaacaucccgacuggaagcC.....	65	1	seq
.....uguaaacaucccgacuggaagcG.....	437	1	seq
.....uguaaacaucccgacuAgaagcu.....	3	1	seq
.....uguaaacaAacccgacuggaagcu.....	2	1	seq
.....uguaaacaUucccgacuggaagcu.....	11	1	seq
.....uguaaacaucccUaccuggaagcu.....	11	1	seq
.....uguaaacaucccgcCuggaagcu.....	2	1	seq
.....Cguaaacaucccgacuggaagcu.....	21	1	seq
.....uguaaacaucccgacuggaagcu.....	66365	0	seq
.....uguaaacauccGccgacuggaagcu.....	3	1	seq
.....ugAaaacaucccgacuggaagcu.....	7	1	seq
.....uguaaacauccGgacuggaagcu.....	4	1	seq
.....uguaaacaucccgcGcuggaagcu.....	10	1	seq
.....uguaaaaAuucccgacuggaagcu.....	7	1	seq
.....uguaaacaGcccgacuggaagcu.....	2	1	seq
.....uCuaaacaucccgacuggaagcu.....	8	1	seq
.....uguaaacaucccgacuggaagUu.....	146	1	seq
.....uUuaaacaucccgacuggaagcu.....	6	1	seq
.....uguaaacaucccgcUcuggaagcu.....	2	1	seq
.....uguaaacaCcccgacuggaagcu.....	5	1	seq
.....uguaaacaucccAacuggaagcu.....	7	1	seq
.....uguaaacaucccgacCggaagcu.....	14	1	seq
.....uguaaacaUAcgacuggaagcu.....	7	1	seq
.....Gguaaacaucccgacuggaagcu.....	52	1	seq
.....uguaaacaucccgaAuggaagcu.....	7	1	seq
.....uguaaaaUaucccgacuggaagcu.....	14	1	seq
.....uguGaacaucccgacuggaagcu.....	9	1	seq
.....uguaaGcaucccgacuggaagcu.....	4	1	seq
.....uguaaacaucccgacuggaCgcu.....	2	1	seq
.....uguaaacaucccgacuUgaagcu.....	20	1	seq
.....uguaaacaucccgacuggaagAu.....	13	1	seq
.....uguaaacaucccgacugAaagcu.....	2	1	seq
.....uguaaacaucccCacuggaagcu.....	4	1	seq
.....uguaaacaucccgacuggaagcA.....	275	1	seq
.....uguaaacauccAcgacuggaagcu.....	15	1	seq
.....uguaaacauccuAgacuggaagcu.....	9	1	seq
.....uguaaacaucccgacugCaagcu.....	1	1	seq
.....uguaaacaucccgacuggaagcuA.....	10	1	seq
.....uguaaacaucccgacuggaagcG.....	1	1	seq
.....uguaaacaucccgacuggaagcuU.....	1159	1	seq
.....uguaaacaucccgacuggaagcuC.....	2	1	seq
.....uguaaacaucccgacuggaagcug.....	1	0	seq

Mature

Star

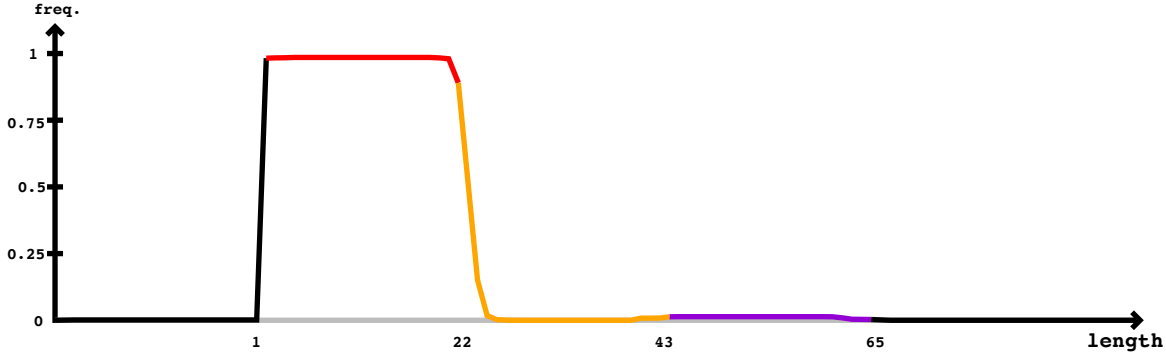
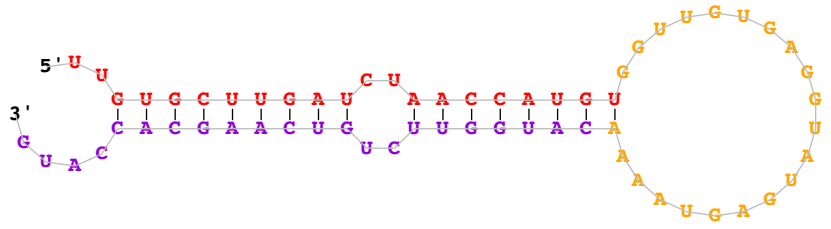
ugcuguugacagugagcgcaguguaaacaucccgcacuggaagcugugaagcagcagauggggcuuucagucggauguuugcagucgccaacugccacagacgucaagaa			
.....uguaaacaucccgcacuggaagcuU.....	39	1	seq
.....uguaaacauccuUgacuggaagcugu.....	2	1	seq
.....uguaaacaucccgcacuggaagcuCu.....	2	1	seq
.....uguaaacaucccgcacuggaagcuA.....	5	1	seq
.....uguaaacaucccgcacuggaagcugu.....	7	0	seq
.....uguaaacaucccgcacuggaagcugGga.....	1	1	seq
.....guaaacaucccgcacugga.....	10	0	seq
.....guaaacaucccgcacugga.....	5	0	seq
.....guaaacaucccgcacuggaag.....	1	0	seq
.....guaaacaucccgcacuggaU.....	1	1	seq
.....guaaacaucccgcacuggaA.....	1	1	seq
.....guaaacaucccgcacuggaagc.....	7	0	seq
.....guaaacaucUcgcacuggaagc.....	1	1	seq
.....guaaacaucccgaAuggaagcu.....	1	1	seq
.....Uuaaacaucccgcacuggaagcu.....	1	1	seq
.....guaaacaucccgcacuggaagcG.....	1	1	seq
.....guaaacaucccgcacuggaagcu.....	143	0	seq
.....guaaacaucccgcacuggaagcA.....	2	1	seq
.....guaaacaucccgcacuggaagcuU.....	2	1	seq
.....uaaacaucccgcacugga.....	1	0	seq
.....uaaacaucccgcacuggaag.....	1	0	seq
.....uaaacaucccgcacuggaagc.....	1	0	seq
.....uaaacaucccgcacuggaagA.....	1	1	seq
.....uaaacaucccgcacuggaagcu.....	7	0	seq
.....uaaacaucccgcacuggaagcugu.....	1	0	seq
.....aaacaucccgcacuggaagc.....	1	0	seq
.....aacaucccgcacuggaagcu.....	1	0	seq
.....acaucccgcacuggaagcu.....	1	0	seq
.....caucccgcacuggaagcu.....	2	0	seq
.....ugugaagcagcagauggggc.....	1	0	seq
.....cuuucagucggauguuug.....	1	0	seq
.....cuuucagucggauguuugc.....	44	0	seq
.....cuuucagucgUauguuugc.....	1	1	seq
.....cuuucagucggauguuugcU.....	1	1	seq
.....cuuucagucggaugGuugca.....	1	1	seq
.....cuuucagucggauguuugca.....	52	0	seq
.....cuuucagucggauguuugcag.....	252	0	seq
.....cuuucagucAgauguuugcag.....	1	1	seq
.....Guuucagucggauguuugcag.....	1	1	seq
.....cuuucagucggauguuugcaU.....	1	1	seq
.....cuuucagCcggauguuugcag.....	1	1	seq
.....cuuucagucggauguuugGag.....	1	1	seq
.....cuuucagucggauguuugcaA.....	18	1	seq
.....cuuucagucggaugAuugcag.....	1	1	seq
.....cuuucagucggauguuugAagc.....	1	1	seq
.....cuuucGgucggauguuugcagc.....	1	1	seq
.....Guuucagucggauguuugcagc.....	2	1	seq
.....cuuucagucggauguuugUagc.....	1	1	seq
.....cuuucagucggauguCugcagc.....	1	1	seq
.....cuuucaguAggauguuugcagc.....	1	1	seq
.....cuuucagucggauguuuUcagc.....	1	1	seq
.....Uuuucagucggauguuugcagc.....	1	1	seq
.....cCuucagucggauguuugcagc.....	1	1	seq
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.....cuuucagucggauguuugcagc.....	1	1	seq
.....cuuucagucggauguuugcagA.....	8	1	seq
.....cuuucagucggauguuugcagU.....	92	1	seq
.....cuuucagucggauguuugcagUu.....	9	1	seq
.....cuuucagucggauguuugcagcG.....	3	1	seq
.....cuuucagucggauguuuAcagcu.....	125	1	seq
.....cuuucagucggauguuugcagcA.....	35	1	seq
.....cuuucagucggauguuugcagcC.....	16	1	seq
.....cuuucagucggauguuugcagcgu.....	100	0	seq
.....cuuucagucggauguuugcagcuA.....	2	1	seq
.....cuuucagucggauguuugcagcGg.....	1	1	seq
.....cuuucagucggauguuugcagcuU.....	11	1	seq
.....Uuuucagucggauguuugcagcug.....	1	1	seq
.....uuucagucggauguuugc.....	12	0	seq
.....uuucagucggauguuugca.....	10	0	seq
.....uuucagucggauguuugcaU.....	3	1	seq

Mature

Star

ugcuguugacagugagcgac <u>uguaaacaucccgacuggaagcugugaagcagcagagggg</u> uuucagucggauguuugcagcugccaacugccacagacgucaagaa			
.....uuucagucggauguuugcag.....	109	0	seq
.....Cuucagucggauguuugcag.....	1	1	seq
.....uuucagucggauguuugcaA.....	7	1	seq
.....uuucagucggauguuugcUgC.....	2	1	seq
.....uuucGgucggauguuugcagc.....	1	1	seq
.....uuucagucggauguuugcagc.....	662	0	seq
.....uuucagucggauguuugcagU.....	50	1	seq
.....uuucagucggauguuugcagA.....	11	1	seq
.....uuucagucggauguuugcagcG.....	2	1	seq
.....uuucagucggauguuugcagcC.....	98	1	seq
.....uuucagucggauguuugcagUu.....	6	1	seq
.....uuucagucggauguuugcagcA.....	2	1	seq
.....uuucagucggauguuugcagcu.....	338	0	seq
.....uuucagucggauguuugcagAu.....	1	1	seq
.....Cuucagucggauguuugcagcu.....	1	1	seq
.....uuucagucggauguuuaAcagcu.....	392	1	seq
.....uuucagucggauguuugcUgcu.....	3	1	seq
.....uuucagucggauguuugcagcuU.....	65	1	seq
.....uuucagucggauguuugcagcuA.....	4	1	seq
.....uuucagucggauguuugcagcugU.....	2	1	seq
.....uucagucggauguuugcagc.....	1	0	seq
.....uucagucggauguuuaAcagcu.....	2	1	seq

Provisional ID :mun-miR-218
 Score total : 900.5
 Score for star read(s) : 3.9
 Score for read counts : 890.3
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 1758
 Mature read count : 1748
 Loop read count : 0
 Star read count : 10



Mature

Star

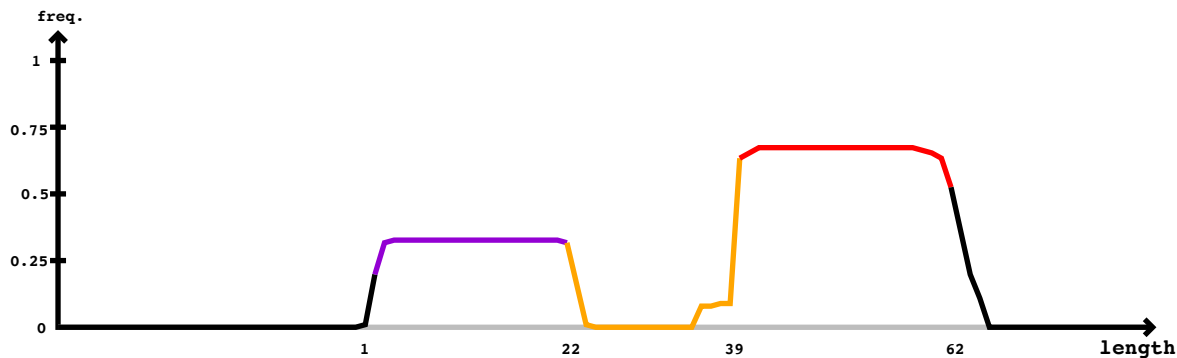
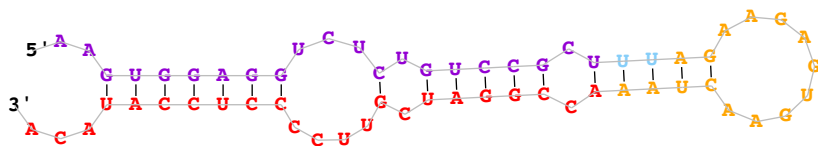
5' -		-3'	obs	exp	reads	mm	sample
uaauguagcgagauuuucug <u>uugugcuugaucuaacca</u> ugguugugagguuagaguaaaa <u>caugguucugucaagcacc</u> auggaacgucacgcagcuuucacagcaug					2	0	seq
uaauguagcgagauuuucug <u>uugugcuugaucuaacca</u> ugguugugagguuagaguaaaa <u>caugguucugucaagcacc</u> auggaacgucacgcagcuuucacagcaug					3	0	seq
.....(((.....(((.....(((.....(((.....(((.....))..					6	0	seq
uaauguagcgagauuuucug.....	.....uugugcuugaucuaacca.....				158	0	seq
.....	.....uugugcuugaucuaacca.....				1	1	seq
.....	.....uugugcuugaucuaacca.....				1	1	seq
.....	.....uugugcuugaucuaacca.....				1	1	seq
.....	.....uugugcuugaucuaacca.....				951	0	seq
.....	.....uugugcuugaucuaacca.....				10	1	seq
.....	.....uugugcuugaucuaacca.....				331	0	seq
.....	.....uugugcuugaucuaacca.....				15	1	seq
.....	.....uugugcuugaucuaacca.....				179	1	seq
.....	.....uugugcuugaucuaacca.....				15	0	seq
.....	.....uugugcuugaucuaacca.....				1	1	seq
.....	.....uugugcuugaucuaacca.....				42	1	seq
.....	.....uugugcuugaucuaacca.....				9	1	seq
.....	.....uugugcuugaucuaacca.....				8	1	seq
.....	.....uugugcuugaucuaacca.....				8	0	seq
.....	.....uugugcuugaucuaacca.....				3	1	seq
.....	.....uugugcuugaucuaacca.....				1	0	seq
.....	.....uugugcuugaucuaacca.....				1	0	seq
.....	.....uugugcuugaucuaacca.....				1	0	seq
.....	.....uugugcuugaucuaacca.....				1	1	seq
.....	.....uugugcuugaucuaacca.....				1	0	seq
.....	.....uugugcuugaucuaacca.....				5	0	seq
.....	.....uugugcuugaucuaacca.....				1	1	seq
.....	.....uugugcuugaucuaacca.....				5	0	seq
.....	.....uugugcuugaucuaacca.....				2	1	seq
.....	.....uugugcuugaucuaacca.....				1	0	seq
.....	.....uugugcuugaucuaacca.....				2	0	seq
.....	.....uugugcuugaucuaacca.....				1	0	seq

Mature

Star

uaauguagcgagauuuucuguugugcugaucuaaccaugggugugagguugaguaaaacaugguucugucaagccaugggaacgucacgcagcuuucuaacagcaug
.....caugguucugucaagccau..... 1 0 seq
.....caugguucugucaagccauU..... 3 1 seq
.....caugguucugucaagccauC..... 1 1 seq
.....augguucugucauagcaugU..... 1 1 seq

Provisional ID : mun-novel89
 Score total : 42.6
 Score for star read(s) : 3.9
 Score for read counts : 41.4
 Score for mfe : 0.1
 Score for randfold : -2.2
 Score for cons. seed : -0.6
 Total read count : 93
 Mature read count : 60
 Loop read count : 0
 Star read count : 33

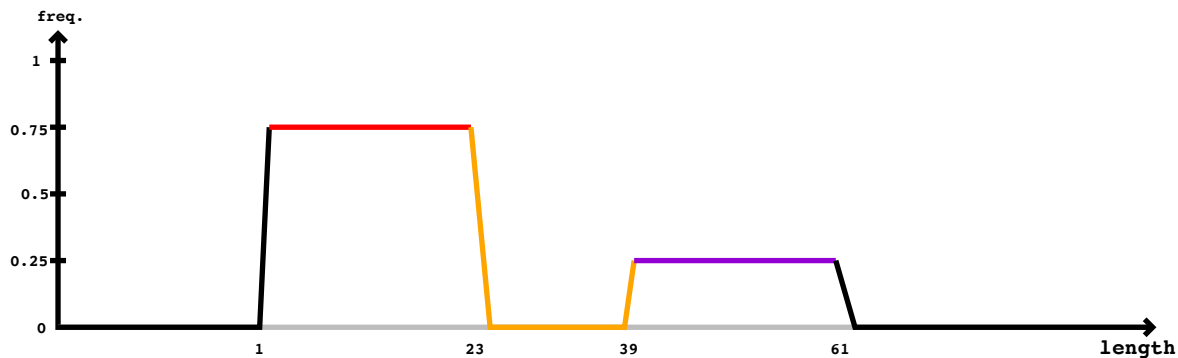
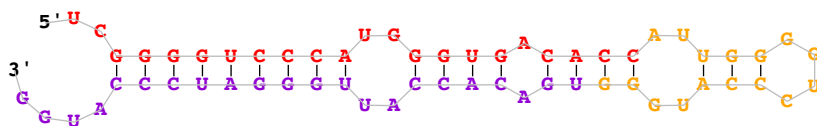


Star

Mature

5' -	-3'	obs	exp	reads	mm	sample
uuuguccaccauugcagucuuccagagcaaaaguggaggucucuguccgcuuuagaagagugaacuaaacgggaucguucccuccauacaccuacguuauccuguaaugu						
uuuguccaccauugcagucuuccagagcaaaaguggaggucucuguccgcuuuagaagagugaacuaaacgggaucguucccuccauacaccuacguuauccuguaaugu						
.....((
.....aaaguggaggucucuguccgcu.....		1	0			seq
.....aaguggaggucucuguccgcu.....		16	0			seq
.....aaguggaggCcucuguccgcu.....		1	1			seq
.....aaguggaggucucuguccgcuu.....		2	0			seq
.....aguggaggucucuguccgcu.....		1	0			seq
.....aguggaggucucuguccgcu.....		9	0			seq
.....aguggaggucucuguccgcuu.....		1	0			seq
.....aguggaggucucuguccgcuu.....		1	0			seq
.....guggaggucucuguccgcuu.....		1	0			seq
.....cuaaaccggauacguucccuccauacacc.....		1	0			seq
.....cuaaaccggauacguucccuccauacaccu.....		7	0			seq
.....aaaccggauacguucccucca.....		1	0			seq
.....accggauacguucccuccau.....		1	0			seq
.....accggauacguucccuccauU.....		2	1			seq
.....accggauacguucccuccauac.....		11	0			seq
.....accggauacguucccuccauacC.....		1	1			seq
.....accggauacguucccuccauacU.....		21	1			seq
.....accggauacguucccuccauaca.....		5	0			seq
.....accgUaucguucccuccauacac.....		1	1			seq
.....accggauacguucccuccauacac.....		2	0			seq
.....accggauacguucccuccauacaA.....		1	1			seq
.....accggauacguucccuccauacacc.....		8	0			seq
.....accggauacguucccuccauacaccu.....		2	0			seq
.....ccggauacguucccuccauacC.....		1	1			seq
.....ccggauacguucccuccauacaU.....		1	1			seq
.....ccggauacguucccuccauacaccu.....		2	0			seq

Provisional ID : mun-novel3
 Score total : 3.3
 Score for star read(s) : 3.9
 Score for read counts : -3.9
 Score for mfe : 2.4
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 4
 Mature read count : 3
 Loop read count : 0
 Star read count : 1



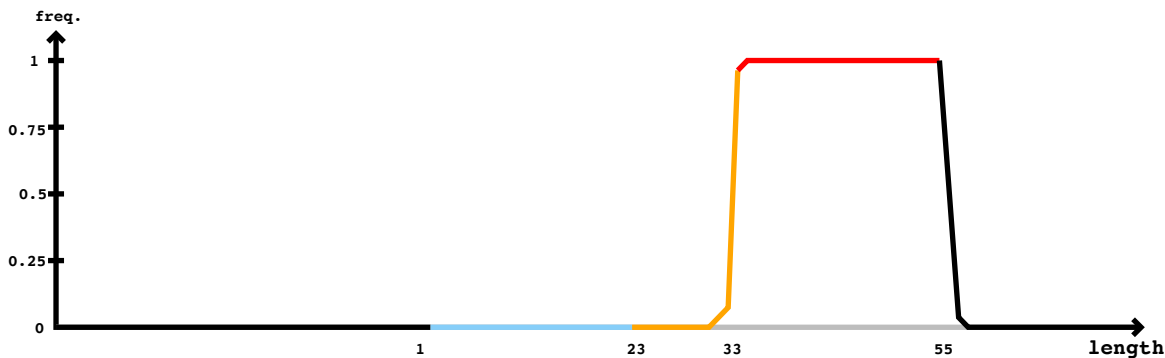
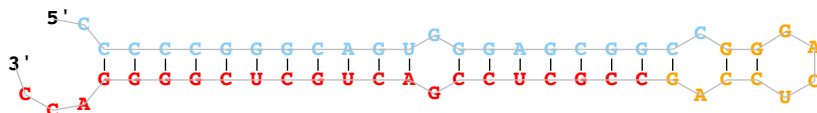
Mature

Star

```

5' - cagugacaagggugacaccaucggggucccaugggugacaccauugggucccaugggugacaccauugggaucccaugggugccaccauuccuguccccggcacagccgc  -3'  obs
    cagugacaagggugacaccaucggggucccaugggugacaccauugggucccaugggugacaccauugggaucccaugggugccaccauuccuguccccggcacagccgc  exp
    ((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....(((((((.....
    .....ucggggucccaugggugacacc.....
    .....ugacaccauugggaucccaugg.....
    reads          mm          sample
    3              0          seq
    1              0          seq
  
```

Provisional ID : mun-novel96
 Score total : 2.6
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.9
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 27
 Mature read count : 27
 Loop read count : 0
 Star read count : 0

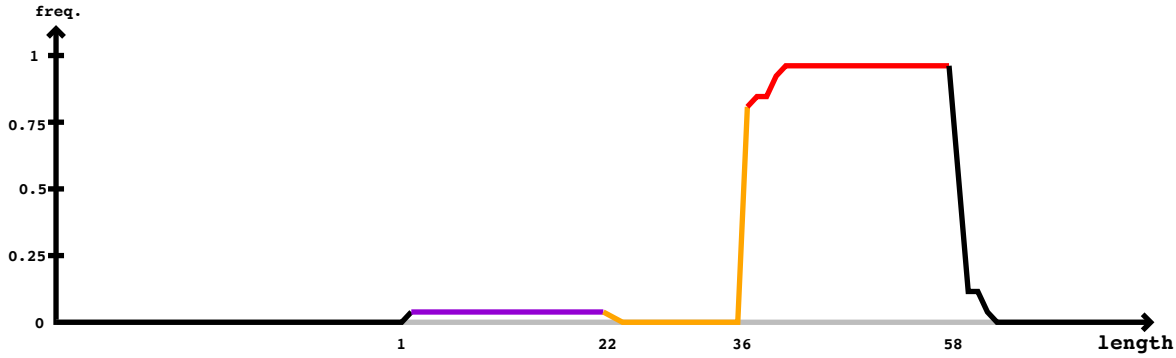
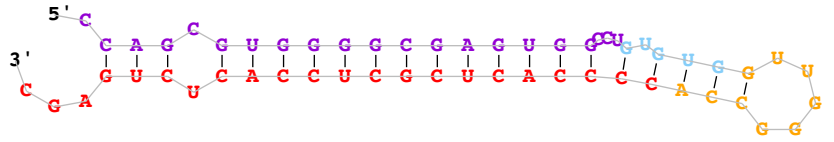


Star

Mature

5' -	Star	Mature	-3'	exp	reads	mm	sample
cccgaaccgagcuccucccgguuuccaccgguacgg	cccccgggcagugggagcggc	gggacuccagccgcuccgacugcucggggacc	gugcggggaagucgcuccug				
.....(((((((.....)))))).....							
.....agccgcuccgacugcucggggacU.....					1	1	seq
.....gcccgcuccgacugcucggggacU.....					1	1	seq
.....Gcgcuccgacugcucggggacc.....					1	1	seq
.....ccgcuccgacugcucggggacU.....					19	1	seq
.....ccgcuccgacugcucggggaccA.....					2	1	seq
.....ccgcuccgacugcucggggaccU.....					1	1	seq
.....ccgcuccgacugcucggggaccAu.....					1	1	seq
.....cgcuccgacugcucggggaccA.....					1	1	seq

Provisional ID : mun-novel59
 Score total : 14.8
 Score for star read(s) : 3.9
 Score for read counts : 7.3
 Score for mfe : 2.6
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 26
 Mature read count : 25
 Loop read count : 0
 Star read count : 1

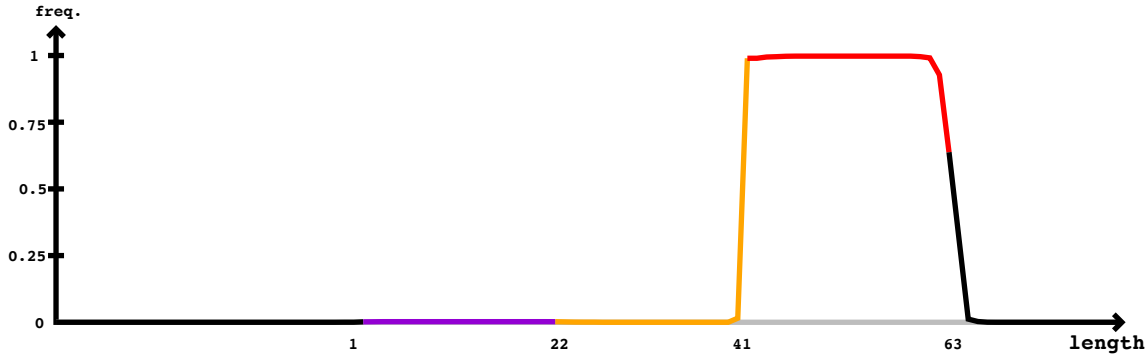
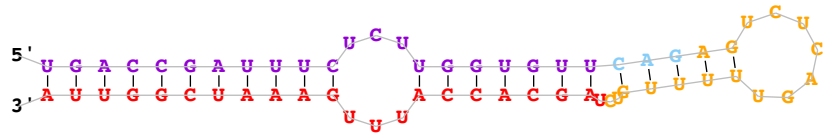


Star

Mature

5' -	Star	Mature	-3'	obs	mm	sample
5' -	aaaauggccuagcuaucgaugcugccuacaggagc	ccagcguggggcgaguggccu	gugugguugggcac	ccccacucgucuccacucugagc	ucccuguagaugugguccau	-3'
	aaaauggccuagcuaucgaugcugccuacaggagc	ccagcguggggcgaguggccu	gugugguugggcac	ccccacucgucuccacucugagc	ucccuguagaugugguccau	obs
	...	((((((.....))))	(((.....))))	(((.....))))	(((.....))))	exp
	ccagcguggggcgaguggcca	.....	.....	.....	reads
	ccccacucgucuccacucugagU	.....	.....	1
	ccccacucgucuccacucugagc	.....	.....	1
	ccccacucgucuccacucugagcU	.....	.....	13
	ccccacucgucuccacucugagcA	.....	.....	3
	ccccacucgucuccacucugagcUu	.....	.....	3
	ccccacucgucuccacucugagcU	.....	.....	1
	ccccacucgucuccacucugagcU	.....	.....	1
	cacucgucuccacucugagcU	.....	.....	1
	acucgucuccacucugagcU	.....	.....	1
	1
	1

Provisional ID : mun-miR-29a-2
 Score total : 4.7
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.4
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 4282
 Mature read count : 4273
 Loop read count : 0
 Star read count : 9



Star **Mature**

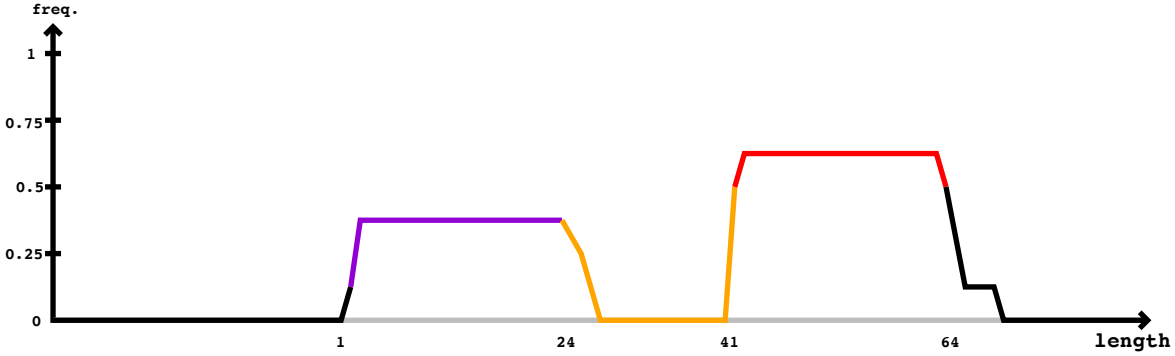
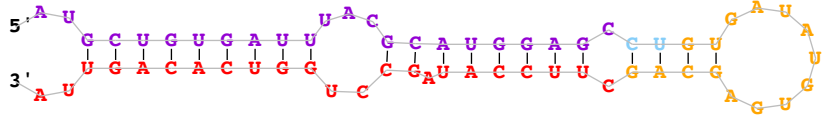
5' -	obs	mm	sample
cugagccaggaaaaugucucuacacaggcugaccgauuucucuugguguu	reads	mm	sample
cugagccaggaaaaugucucuacacaggcugaccgauuucucuugguguu	exp		
.....(((((((.....((((((((((.....((((((((((.....)))))))).....)))))))).....)))))))).....			
.....gcugaccgauuucucuuggugu.....	1	0	seq
.....ugaccgauuucucuuggugu.....	3	0	seq
.....ugaccgauuucucuugguguA.....	1	1	seq
.....ugaccgauuucucuugguguU.....	1	1	seq
.....ugaccgauuucucuugguguU.....	1	1	seq
.....gaccgauuucucuuggugu.....	1	0	seq
.....accgauuucucuugguguucaga.....	2	0	seq
.....cuagcaccuuugaaaucgg.....	4	0	seq
.....cuagcaccuuugaaaucggu.....	5	0	seq
.....cuagcaccuuugaaaucgguu.....	38	0	seq
.....cuagcaccuuugaaaucgguu.....	3	1	seq
.....cuagcaccuuugaaaucgguua.....	5	0	seq
.....cuagcaccuuugaaaucgguuU.....	2	1	seq
.....cuagcaccuuugaaaucgguuA.....	1	1	seq
.....cuagcaccuuugaaaucgguuC.....	2	1	seq
.....Guagcaccuuugaaaucgguua.....	1	1	seq
.....cuagcaccuuugaaaucgguuG.....	2	1	seq
.....cuagcaccuuugaaaucgguuC.....	1	1	seq
.....cuagcaccuuugaaaucgguuau.....	1	0	seq
.....uagcaccuuugaaaucg.....	8	0	seq
.....uagcaccuuugaaaucg.....	12	0	seq
.....uagcaccuuugaaaucgA.....	2	1	seq
.....uagcaccuuugaaaucgU.....	2	1	seq
.....uagcaccuuugaaaucggu.....	245	0	seq
.....uagcaccuuugaaaucgga.....	23	1	seq
.....uagcaccuuugaaaucgguu.....	1	1	seq
.....uagcaccuuugaaaucgguu.....	1	1	seq
.....uagcGccuuugaaaucgguu.....	1	1	seq
.....uagcaccuuugaaaucgguA.....	4	1	seq
.....Cagcaccuuugaaaucgguu.....	1	1	seq
.....uagcaccuuugaaaucgguu.....	3	1	seq
.....uagcaccuuugaaaucgguu.....	1171	0	seq
.....uaUcaccuuugaaaucgguu.....	1	1	seq

Star

Mature

cugagccaggaaaaugucucuacacagggcugaccgauuucucugguguu	cagagucucaguuuuuguc	uagcaccuuugaaaucggG	u	g	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	3	1	seq
.....	.....	.....	12	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	27	1	seq
.....	.....	.....	1344	0	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	97	1	seq
.....	.....	.....	52	1	seq
.....	.....	.....	85	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	25	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	33	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	488	1	seq
.....	.....	.....	3	1	seq
.....	.....	.....	109	1	seq
.....	.....	.....	346	0	seq
.....	.....	.....	5	1	seq
.....	.....	.....	24	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	5	1	seq
.....	.....	.....	7	1	seq
.....	.....	.....	10	0	seq
.....	.....	.....	5	1	seq
.....	.....	.....	1	1	seq
.....	.....	.....	1	0	seq
.....	.....	.....	15	0	seq
.....	.....	.....	1	1	seq
.....	.....	.....	2	1	seq
.....	.....	.....	1	0	seq
.....	.....	.....	1	0	seq
.....	.....	.....	1	1	seq
.....	.....	.....	3	1	seq
.....	.....	.....	4	0	seq
.....	.....	.....	1	1	seq
.....	.....	.....	2	1	seq
.....	.....	.....	2	1	seq

Provisional ID : mun-novel81
 Score total : 0.3
 Score for star read(s) : 3.9
 Score for read counts : -1.8
 Score for mfe : 1.1
 Score for randfold : -2.2
 Score for cons. seed : -0.6
 Total read count : 8
 Mature read count : 5
 Loop read count : 0
 Star read count : 3

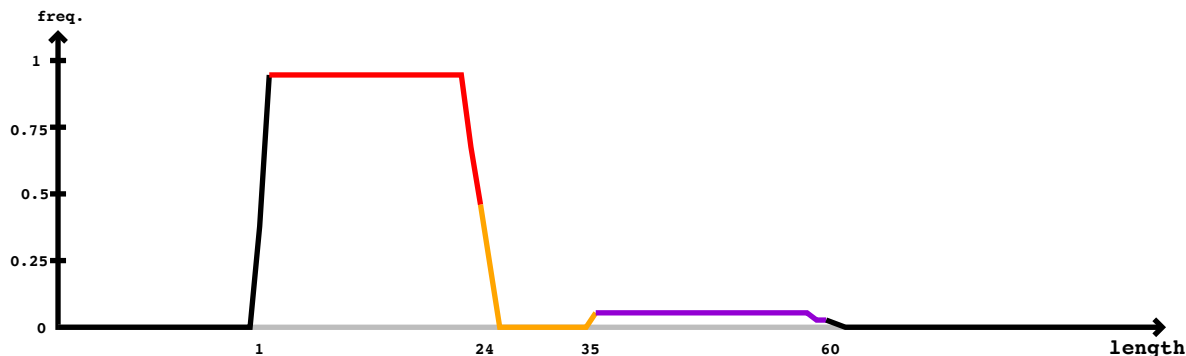
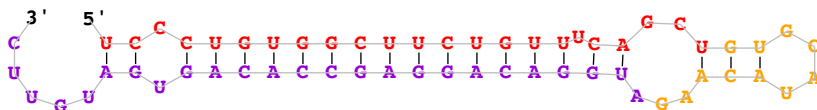


Star

Mature

Sequence	reads	mm	sample
5' - cuucaguugguaggaauaggccgaaagug augcugugauuuacgcauggagc ugugauaugugagcag cuuccauagccuggucacaguua cagaccaaacuuugaaccu -3'	1	0	seq
cuucaguugguaggaauaggccgaaagugau g cugugauuuacgcauggagccu gugauaugugagcag cuuccauagccuggucacaguua cagaccaaacuuugaaccu	1	0	seq
.....augcugugauuuacgcauggagc.....	1	1	seq
.....ugcugugauuuacgcauggagccu.....	1	0	seq
.....ugcugugauuuacgcauggagccuU.....	3	1	seq
.....cuuccauagccuggucacaguua.....	1	0	seq
.....cuuccauagccuggucacaguuU.....	3	1	seq
.....uuccauagccuggucacaguua cagaccaaacuuugaaccu	1	0	seq

Provisional ID : mun-novel26
 Score total : 23.2
 Score for star read(s) : 3.9
 Score for read counts : 12.9
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 37
 Mature read count : 35
 Loop read count : 0
 Star read count : 2



Mature

Star

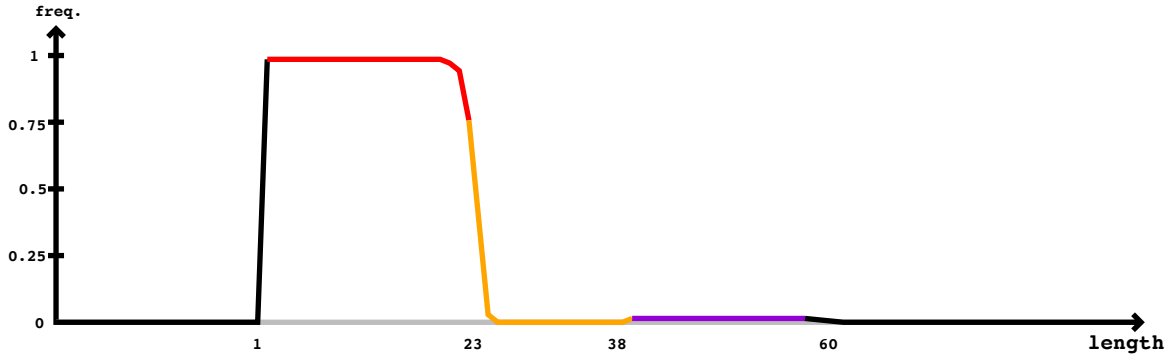
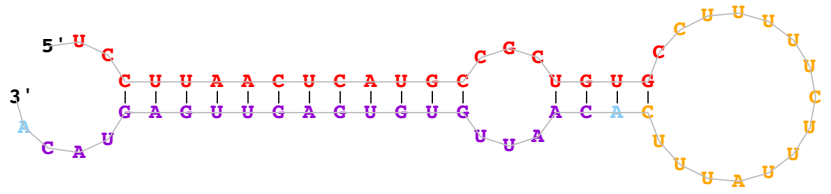
5' -		-3'	obs		
auggucaugccugggaaacc	ucccuguggcuucuguuucagcugugcauacaag	auggacaggagccacagugauguuucagaggcaaucucugcucccuguaucceaugcag			
auggucaugccugggaaacc	ucccuguggcuucuguuucagcugugcauacaag	auggacaggagccacagugauguuucagaggcaaucucugcucccuguaucceaugcag			
.....(((((((((((((.....)))))))))))))))))).....		.....(((((((((((((.....)))))))))))))))))).....	reads	mm	sample
.....cucccuguggcuucuguuucag.....		.....cucccuguggcuucuguuucag.....	8	0	seq
.....cucccuguggcuucuguuucagc.....		.....cucccuguggcuucuguuucagc.....	3	0	seq
.....cucccuguggcuucuguuucagcu.....		.....cucccuguggcuucuguuucagcu.....	3	0	seq
.....Cucccuguggcuucuguuucag.....		.....Cucccuguggcuucuguuucag.....	1	1	seq
.....ucccuguggcuucuguuucag.....		.....ucccuguggcuucuguuucag.....	1	0	seq
.....ucccuguggcuucuguuucagU.....		.....ucccuguggcuucuguuucagU.....	1	1	seq
.....ucccuguggcuucuguuucagc.....		.....ucccuguggcuucuguuucagc.....	4	0	seq
.....ucccuguggcuucuguuucagcu.....		.....ucccuguggcuucuguuucagcu.....	14	0	seq
.....auggacaggagccacagugaugu.....		.....auggacaggagccacagugaugu.....	1	0	seq
.....auggacaggagccacagugauguU.....		.....auggacaggagccacagugauguU.....	1	1	seq

Star

Mature

uuccuggggccucgcagacagugcaaaaggucaggggaagggucgggcaugccagcaccccuggcacccggc	cauacccaugacucagcccugagcucgucggccucuccucugu	356	0	seq
.....	.....cauacccaugacucagcccugagc.....	93	0	seq
.....	.....cauacccaugacucagcccugagcu.....	1	1	seq
.....	.....cauacccaugacucagcccugagcA.....	1	1	seq
.....	.....cauacccaugacucagcccugagcuU.....	9	1	seq
.....	.....cauacccaugacucagcccugagcuA.....	2	1	seq
.....	.....auacccaugacucagcccu.....	1	0	seq
.....	.....auacccaugacucagcccuga.....	6	0	seq
.....	.....aCaccaugacucagcccuga.....	1	1	seq
.....	.....auacccaugacucagcccugag.....	2	0	seq
.....	.....auacccaugacucagcccugagA.....	6	1	seq
.....	.....auacccaugacucagcccugagc.....	19	0	seq
.....	.....auacccaugacucagcccugagcA.....	1	1	seq
.....	.....auacccaugacucagcccugagcu.....	12	0	seq
.....	.....uacccaugacucagcccuga.....	4	0	seq
.....	.....uacccaugacucagcccugagc.....	2	0	seq
.....	.....uacccaugacucagcccugagAu.....	1	1	seq
.....	.....uacccaugacucagcccugagcu.....	2	0	seq
.....	.....uacccaugacucagcccugagcuU.....	1	1	seq
.....	.....caugacucagcccugagc.....	1	0	seq

Provisional ID :mun-miR-1416
 Score total : 39.4
 Score for star read(s) : 3.9
 Score for read counts : 29.7
 Score for mfe : 1.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 70
 Mature read count : 69
 Loop read count : 0
 Star read count : 1

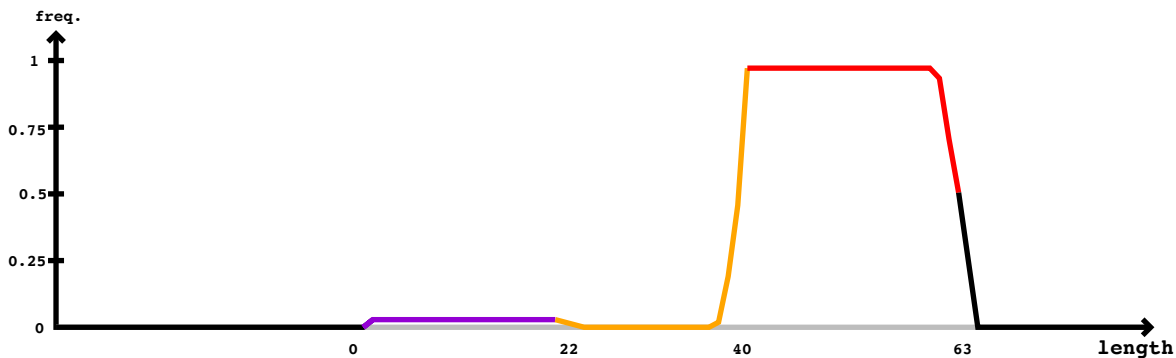
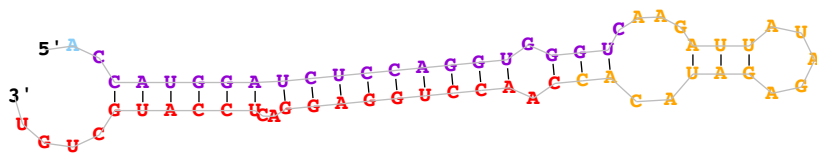


Mature

Star

5' -	agagcagggcuaauccucuu	uccuuaacucaugccgcugugccuuuuucuuuuuuuca	caauugugugaguugaguac	agagugucagcccggcccagauaccucgcagc	-3'	obs	mm	sample
	agagcagggcuaauccucuu	uccuuaacucaugccgcugugccuuuuucuuuuuuuca	caauugugugaguugaguac	gagugucagcccggcccagauaccucgcagc		exp		
		reads		
		1	0	seq
		2	0	seq
		13	0	seq
		20	0	seq
		17	1	seq
		11	1	seq
		3	1	seq
		2	0	seq
		1	0	seq

Provisional ID :mun-miR-490
 Score total : 57
 Score for star read(s) : 3.9
 Score for read counts : 46.5
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 103
 Mature read count : 100
 Loop read count : 0
 Star read count : 3

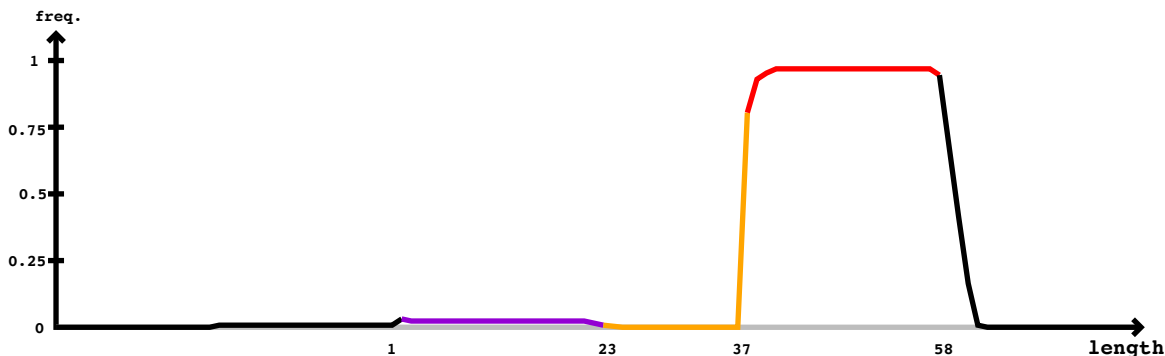
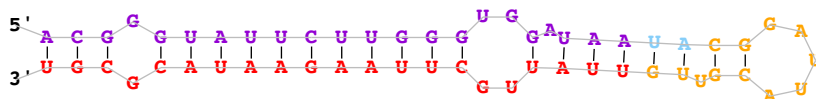


Star

Mature

5' -	Star	Mature	-3'	obs	mm	sample
			reads	exp		
agugcugauuucauaagucaugguucgac	ccauggaucuccaggugggu	caagauuuagagauacccaaccuggaggacuccaugcugu	uugagcugucauauugcagc	1	0	seq
agugcugauuucauaagucaugguucgac	ccauggaucuccaggugggu	caagauuuagagauacccaaccuggaggacuccaugcugu	uugagcugucauauugcagc	2	0	seq
.....ccauggaucuccaggugggu.....				2	0	seq
.....ccauggaucuccaggugggu.....		ccaaccuggaggacuccaugc		1	1	seq
.....ccauggaucuccaggugggu.....		ccaaccuggaggacuccaugc		2	0	seq
.....ccauggaucuccaggugggu.....		ccaaccuggaggacuccaugc		14	0	seq
.....ccauggaucuccaggugggu.....		ccaaccuggaggacuccaugcug		1	0	seq
.....ccauggaucuccaggugggu.....		ccaaccuggaggacuccaugc		1	0	seq
.....ccauggaucuccaggugggu.....		ccaaccuggaggacuccaugc		7	0	seq
.....ccauggaucuccaggugggu.....		ccaaccuggaggacuccaugcug		11	0	seq
.....ccauggaucuccaggugggu.....		ccaaccuggaggacuccaugcugu		9	0	seq
.....ccauggaucuccaggugggu.....		caaccuggaggacuccaugc		1	0	seq
.....ccauggaucuccaggugggu.....		caaccuggaggacuccaugcug		9	0	seq
.....ccauggaucuccaggugggu.....		caaccuggaggacuccaugcugu		41	0	seq
.....ccauggaucuccaggugggu.....		Aaaccuggaggacuccaugcugu		1	1	seq
.....ccauggaucuccaggugggu.....		caaccuggaggacuccaugcuguu		2	0	seq

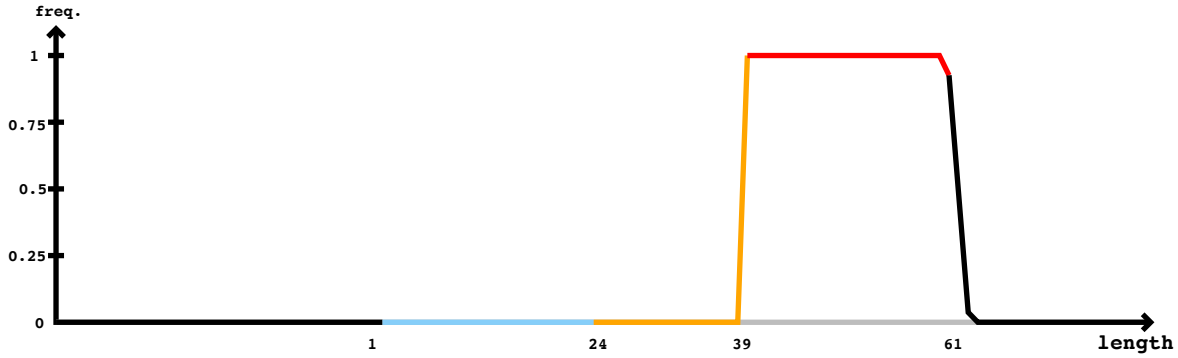
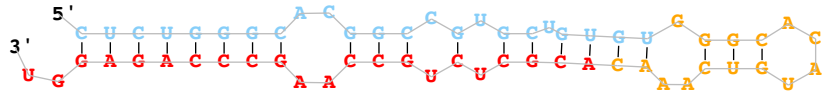
Provisional ID : mun-miR-137
 Score total : 5.4
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 127
 Mature read count : 124
 Loop read count : 0
 Star read count : 3



Star **Mature**

5' -	Star	Mature	-3'	obs	exp	reads	mm	sample
agcaacagcagcagcagcuuucugacucucucggugac	acggguaauucuggguggauaa	uacgguaauacguuguuauugcuuaagaauacg	cgua	agucgaggagaguaccggcg		1	1	seq
agcaacagcagcagcagcuuucugacucucucggugac	ggguaauucuggguggauaa	uacgguaauacguuguuauugcuuaagaauacg	cgua	agucgaggagaguaccggcg		1	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcg.....				1	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				1	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				1	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				1	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				2	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				1	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				1	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				50	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				2	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgU.....				14	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				1	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				2	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				19	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				5	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				6	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				1	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				1	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				4	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				9	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				1	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				1	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				2	1	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				1	0	seq
.....uuucugacucucucggugU.....	.....acggguaauucuggguggau.....	.....uuauugcuuaagaauacgcgUA.....				1	1	seq

Provisional ID : mun-novel9
 Score total : 1.8
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 27
 Mature read count : 27
 Loop read count : 0
 Star read count : 0

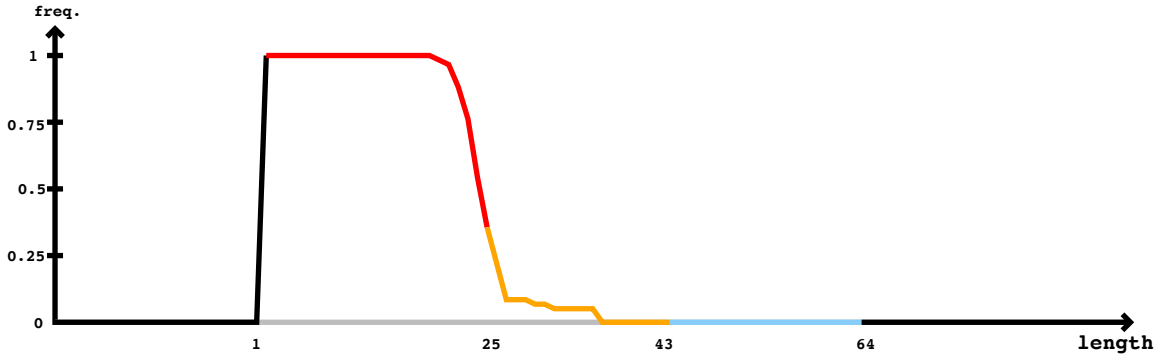
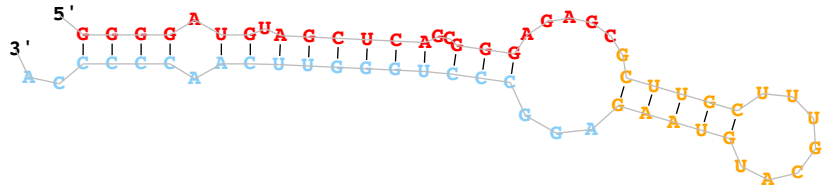


Star
Mature

5' - acuacuggcacuuacagcagaaccugccauggcucugggcacggccgugcugugugggcacaugucaaacagcucugccaagcccagagguauguuggggugagggcagca -3' exp

reads	mm	sample
2	0	seq
24	0	seq
1	1	seq

Provisional ID : mun-novel41
 Score total : 1.7
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 55
 Mature read count : 55
 Loop read count : 0
 Star read count : 0



Mature

Star

5'	-3'	exp		
		reads	mm	sample
gcgaggggcuguggaugcag	ggggau	1	1	seq
.....(((((((.....)))))).....)		1	0	seq
.....ggggauguagcucagcgU.....		4	0	seq
.....ggggauguagcucagcggg.....		1	1	seq
.....ggggauguAucucagcggga.....		7	0	seq
.....ggggauguagcucagcgggag.....		11	0	seq
.....ggggauguagcucagcgggagU.....		2	1	seq
.....ggggauguagcucagcgggagag.....		11	0	seq
.....ggggauguAucucagcgggagagc.....		1	1	seq
.....ggggauguAucucagcgggagagc.....		1	1	seq
.....ggggauguagcucagcgggagagc.....		14	0	seq
.....ggggauguAucucagcgggagagcguu.....		1	1	seq
.....ggggauguagcucagcgggagagcguu.....		1	0	seq
.....ggggauguagcucagcgggagagcguuugc.....		2	0	seq
.....ggggauguagcucagcgggagagcguuugc.....		1	1	seq

Mature

Star

cagcgaugccaauuggcauaaacccguagauccgaucuuuguugaaacguacugcacaagcucgcuucuaugggucugugucaguauaggugaucuggcaaaaguuuauug

.aacAGuagauccgaucuuugu.....	2	1	seq
.aacAGuagauccgaucuuugu.....	1	1	seq
.aacCCGuagauccgCucuugu.....	1	1	seq
.aacCCGuagauccgaucuuuG.....	11	1	seq
.aacCUgagauccgaucuuugu.....	26	1	seq
.aacCCGuagauccgACcuugu.....	1	1	seq
.CACCCGuagauccgaucuuugu.....	2	1	seq
.aacCCGuagauCUgacuuugu.....	168	1	seq
.aacCCAuagauccgaucuuugu.....	3	1	seq
.aaUCCGuagauccgaucuuugu.....	1	1	seq
.aacCCGuagauccgaucuuuGA.....	182	1	seq
.aacCCGuagauccgAuGuugu.....	1	1	seq
.aacCCGuagauccGUucuuugu.....	2	1	seq
.aacCCGuagauccgGucuugu.....	1	1	seq
.aacCCGuagauccgaucuuugu.....	9134	0	seq
.aacCCGuagauccgAuGuu.....	1	1	seq
.aacCCGuagauCCgacuuugu.....	2	1	seq
.UacCCGuagauccgaucuuugu.....	3	1	seq
.aacCCGuagauccgAuGuu.....	2	1	seq
.aacCCGuagaCCcgacuuugu.....	1	1	seq
.aacCCGuaCaucgacuuugu.....	1	1	seq
.GacCCGuagauccgaucuuugu.....	109	1	seq
.aaACCGuagauccgaucuuugu.....	1	1	seq
.aacCCGuagauccgAuUuugu.....	6	1	seq
.aacCCUuagauccgaucuuugu.....	2	1	seq
.aacUCGuagauccgaucuuugu.....	3	1	seq
.aacCCGuagauUCgacuuugu.....	5	1	seq
.aGcCCGuagauccgaucuuugu.....	3	1	seq
.aacCCGuagauccgaucuuUu.....	5	1	seq
.aacCCGagauccgaucuuugu.....	1	1	seq
.aacCCGuagauCCaucuuugu.....	1	1	seq
.aacCCGuagauCAgacuuugu.....	4	1	seq
.aacCCGuagaCCcgacuuugug.....	1	1	seq
.aacCCGuagauccgaucuuuGA.....	69	1	seq
.aacCCGuagauccGUucuuugug.....	2	1	seq
.aacCUgagauccgaucuuugug.....	1	1	seq
.aacCCGuagauccgaucuuuguC.....	1	1	seq
.aacCCGAAgauccgaucuuugug.....	1	1	seq
.aacCCAuagauccgaucuuugug.....	2	1	seq
.aacCCGuagauccgaucuuugug.....	3944	0	seq
.aacCCGuagauccgAuUuugug.....	1	1	seq
.aacCCGuGgauccgaucuuugug.....	1	1	seq
.aacCCGuagauCUgacuuugug.....	23	1	seq
.aacCCGuagauCCUaucuuugug.....	2	1	seq
.aacCCGuagGUccgaucuuugug.....	1	1	seq
.aacCCGcagauccgaucuuugug.....	3	1	seq
.aacCCGuagauccgaucuuuCuG.....	1	1	seq
.aacCCGagauccgaucuuuugug.....	1	1	seq
.aacCCGuagauccgaucuuUug.....	1	1	seq
.aacCCCuagauccgaucuuugug.....	1	1	seq
.aacACGuagauccgaucuuugug.....	1	1	seq
.aacCCGuagauCCaucuuugug.....	1	1	seq
.aacCCGuagauccgaucuuuU.....	12	1	seq
.aGcCCGuagauccgaucuuugug.....	3	1	seq
.aacCCGuagauccgaucuuGg.....	7	1	seq
.GacCCGuagauccgaucuuugug.....	25	1	seq
.aacCCGuagauccgaucuuuAg.....	1	1	seq
.aacCCGuagauccgACcuugug.....	2	1	seq
.aacCCGuagauccgaucuuuCG.....	11	1	seq
.CACCCGuagauccgaucuuugug.....	1	1	seq
.aacCCGuagauccgaucuuugugG.....	624	1	seq
.aacCCGuagauCUgacuuugug.....	1	1	seq
.aacCCGuagauUCgacuuugug.....	1	1	seq
.aacCCGuagauccgaucuuugugu.....	101	0	seq
.aacCCGuagauccgaucuuuGA.....	1457	1	seq
.aacCCGuagauccgaucuuuUu.....	2	1	seq
.aacCCGuagauCAgacuuugug.....	1	1	seq
.aacCCGuagauCCgACcuugug.....	6203	1	seq
.aacCCGuagauccgaucuuuGAu.....	3	1	seq
.aacCCGcagauccgaucuuugugu.....	1	1	seq

Mature

Star

cagcgaugccaauuggcauaaacc <u>ccguagauccgauc<u>u</u>guguugaaacguacugca</u> caagcucgc <u>u</u> cucaugggucugugucagauuggg <u>u</u> gaucugggcaaaaguuuauug			
.....aacc <u>ccguagauccgauc<u>u</u>gugC</u>	3	1	seq
.....aacc <u>U</u> gagauccgauc <u>u</u> gugu.....	2	1	seq
.....aacc <u>ccguagauccgaA</u> cuugugu.....	9	1	seq
.....aacc <u>ccguagauccgauc<u>u</u>gugG</u>	1	1	seq
.....aacc <u>ccguagauccgauc<u>u</u>guguA</u>	1	1	seq
.....aacc <u>ccguagauccgauc<u>u</u>gugA</u> u.....	3	1	seq
.....aacc <u>ccguagauccgauc<u>u</u>guguGg</u>	1	1	seq
.....aacc <u>ccguagauccgaA</u> cuuguguug.....	1	1	seq
.....aacc <u>ccguagauccgauc<u>u</u>gugG</u>	1	1	seq
.....aacc <u>ccguagauccgaA</u> cuugugu.....	3	1	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gugu.....	1	0	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gugu.....	7	0	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gug.....	11	0	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gugA.....	1	1	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gugG.....	1	1	seq
.....c <u>cc</u> guagauccgaA <u>cu</u> ugugu.....	5	1	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gug.....	72	0	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gugu.....	6	0	seq
.....c <u>cc</u> guagauccgaA <u>cu</u> ugugu.....	16	1	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gugA.....	13	1	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gugu.....	1	0	seq
.....c <u>cc</u> guagauccgaA <u>cu</u> ugugu.....	3	1	seq
.....c <u>cc</u> guagauccgauc <u>u</u> gugA.....	6	1	seq
.....acaagcucgc <u>u</u> cucauggguc.....	2	0	seq
.....acaagcucgc <u>u</u> cucaugggucu.....	3	0	seq
.....acaagcucgc <u>u</u> cucaugggucug.....	3	0	seq
.....acaagcucgc <u>u</u> Uaugggucug.....	1	1	seq
.....acaagcucgc <u>u</u> cucaugggucug.....	9	0	seq
.....caagcucgc <u>u</u> cucauUgguc.....	1	1	seq
.....caagcucgc <u>u</u> cucauggguc.....	5	0	seq
.....caagcucgc <u>u</u> cucaugggucA.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucu.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucu.....	38	0	seq
.....caagcucgc <u>u</u> cucaugggucug.....	39	0	seq
.....caagcucgc <u>u</u> cucaugggGcug.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucuU.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucug.....	5	1	seq
.....caagcucgc <u>u</u> cucaugggGcugu.....	2	1	seq
.....caagcucgc <u>u</u> cucaugggucugu.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggAgucugu.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucugu.....	7	1	seq
.....caagcucgc <u>u</u> cucaugggAgu.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucugu.....	372	0	seq
.....caagcucgc <u>u</u> cucaugggucugG.....	2	1	seq
.....caagcucgc <u>u</u> cucaugggCcugu.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucuguU.....	21	1	seq
.....caagcucgc <u>u</u> cucaugggucuguC.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucuguCu.....	1	1	seq
.....caagcucgc <u>u</u> cucaugggucuguUu.....	2	1	seq
.....aGgcucgc <u>u</u> cucaugggucugu.....	2	1	seq
.....aagcucgc <u>u</u> cucaugggGcugu.....	1	1	seq
.....aagcucgc <u>u</u> cucaugggucugu.....	1	0	seq

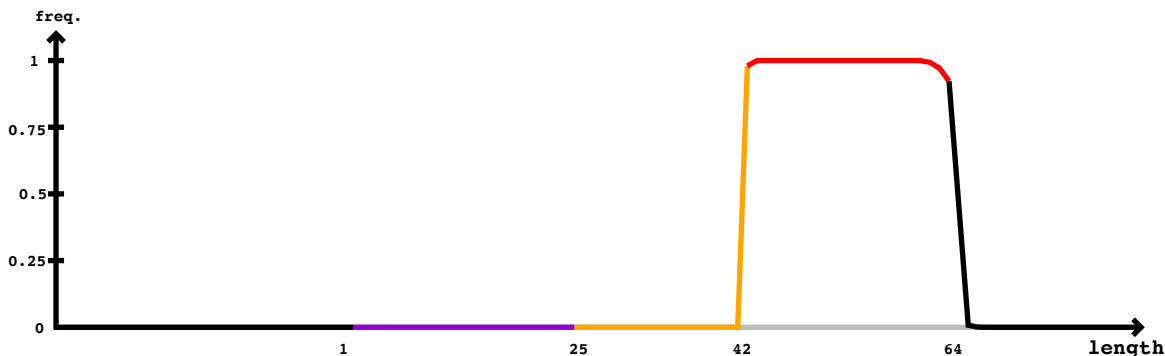
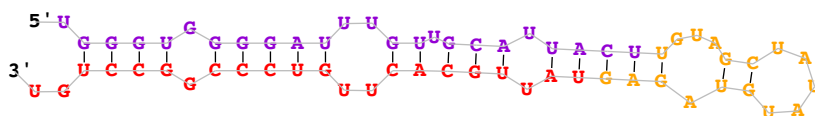
Star

Mature

cuuuuuccuucgaguggugucuccagugccuuuuuauuguuacuacuaagugaucaugcacaaaagcagugcaauguuuaaaagggcauuggccagcaaugcuacuacg

.....cagugcaauguuuaaaagggAa.....	2	1	seq
.....cagugcaauguuuaaaagggca.....	509	0	seq
.....caAugcaauguuuaaaagggca.....	1	1	seq
.....cagugcaauguuuaaaagggcaA.....	28	1	seq
.....cagugcaauguuuaaaagggAau.....	1	1	seq
.....cagugcaauguuuaaaagggUau.....	1	1	seq
.....cagugcaauguuuaaaagggcau.....	456	0	seq
.....cGgugcaauguuuaaaagggcau.....	1	1	seq
.....cagugcaauguuuaaaagggcCu.....	2	1	seq
.....cagugcaauguuuaaaagggcaC.....	15	1	seq
.....cagugcaauguuuaaaagggcaG.....	1	1	seq
.....cagugcaauguuuaaaagggcUu.....	2	1	seq
.....cagugcaauguCa aaagggcauu.....	1	1	seq
.....cagugcaauguuuaaaagUgcauu.....	1	1	seq
.....cagugcaauguuuaaaagggcauG.....	14	1	seq
.....cagugcaauguuuaaaagggcaCu.....	3	1	seq
.....cagugcaauguuGaaagggcauu.....	1	1	seq
.....caguCcaauguuuaaaagggcauu.....	1	1	seq
.....cagugcaauguuaaCagggcauu.....	1	1	seq
.....cagugcaauguuuaaaagggcUuu.....	1	1	seq
.....caAugcaauguuuaaaagggcauu.....	1	1	seq
.....cagugcaauguuuaaaagggcaAu.....	9	1	seq
.....Aaugcaauguuuaaaagggcauu.....	1	1	seq
.....cagugcauguuuaaaagggcauu.....	1	1	seq
.....cagugcaauguuuaaaagggcauC.....	4	1	seq
.....cagugcaauguuuaaaagggcauA.....	130	1	seq
.....cagCgcaauguuuaaaagggcauu.....	3	1	seq
.....cagugcaauguuuaaaagggcauu.....	1068	0	seq
.....cagugcaauguuuaaaagggcauuA.....	1	1	seq
.....cagugcaauguuuaaaagggcauuU.....	3	1	seq
.....augcaauguuuaaaagggc.....	29	0	seq
.....augcaauguuuaaaagggca.....	48	0	seq
.....augcaauguuuaaaUagggcau.....	1	1	seq
.....augcaauguuuaaaGgggcau.....	1	1	seq
.....augcaauguuuaaaagggcaA.....	1	1	seq
.....augcaauguuuaaaagggcau.....	71	0	seq
.....augcaauguuuaaaagggcaC.....	1	1	seq
.....augcaauguuuaaaagggUau.....	1	1	seq
.....augcaauguuuaaaagUgcauu.....	2	1	seq
.....aUugcaauguuuaaaagggcauu.....	1	1	seq
.....augcaauguuuaaaagggcauG.....	11	1	seq
.....augcaauguuuaaaagggcauC.....	1	1	seq
.....augcaaugAuaaaagggcauu.....	1	1	seq
.....augcGauguuuaaaagggcauu.....	1	1	seq
.....augcaauguuuaaaagggcauu.....	906	0	seq
.....augcaauguuuaaaagggcauA.....	29	1	seq
.....augcaauguAaaagggcauu.....	1	1	seq
.....augcaauguuuaaaagggcaAu.....	1	1	seq
.....augcauuCuuuaaaagggcauu.....	1	1	seq
.....augcaauguuuaaaagggcauuU.....	2	1	seq
.....augcaauguuuaaaagggcauug.....	1	0	seq
.....gugcaauguuuaaaagggcauu.....	1	0	seq
.....gcaauguuuaaaagggcauu.....	3	0	seq
.....caauguuuaaaagggcauu.....	1	0	seq

Provisional ID : mun-miR-92-2
 Score total : 5.4
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 92223
 Mature read count : 92218
 Loop read count : 1
 Star read count : 4



Star

Mature

5' -	obs	reads	mm	sample
ugugaaggugccuugcgcugguuuucccau	exp			
ugugaaggugccuugcgcugguuuucccau		1	0	seq
gggu		1	0	seq
gggu		1	1	seq
gggu		1	0	seq
gu		1	1	seq
ugggu		1	0	seq
uuuagc		1	0	seq
uuuagc		1	1	seq
uuuagc		1	0	seq
uuuagc		1	1	seq
uuuagc		2	1	seq
uuuagc		27	0	seq
uuuagc		22	1	seq
uuuagc		4	1	seq
uuuagc		6	1	seq
uuuagc		1	1	seq
uuuagc		1	1	seq
uuuagc		1	1	seq
uuuagc		72	1	seq
uuuagc		1	1	seq
uuuagc		466	0	seq
uuuagc		1	1	seq
uuuagc		1	1	seq
uuuagc		1	1	seq
uuuagc		2	1	seq
uuuagc		14	1	seq
uuuagc		1	1	seq
uuuagc		1	1	seq
uuuagc		3	1	seq
uuuagc		2	1	seq
uuuagc		1	1	seq
uuuagc		3	1	seq
uuuagc		62	1	seq

Star

Mature

Sequence	Star Count	Mature Count	Type
.....uauugcacuugCcccggccu.....	1	1	seq
.....uauugcacuugcccGAccu.....	1	1	seq
.....uauugcacuugcccggCU.....	2	1	seq
.....uauugcacuugcccggccu.....	1358	0	seq
.....uauugcacuugcccggACu.....	1	1	seq
.....uauugcacuAguccggccu.....	1	1	seq
.....uauugcacuGuccggccu.....	514	1	seq
.....uauugAacuugcccggccu.....	1	1	seq
.....uauugcacuugcccggccGg.....	48	1	seq
.....uauugcacuAuccggccug.....	1	1	seq
.....Aauugcacuugcccggccug.....	2	1	seq
.....uauugcacuugGcccggccug.....	2	1	seq
.....uauugAacuugcccggccug.....	2	1	seq
.....uauuAcacuugcccggccug.....	1	1	seq
.....uauugcacuugcccggGccug.....	2	1	seq
.....uauugcacuugcccggccuA.....	20	1	seq
.....uauugcacuugccUggccug.....	1	1	seq
.....uauugcacuugcccggccug.....	4232	0	seq
.....uauCgcacuugcccggccug.....	2	1	seq
.....Gauugcacuugcccggccug.....	3	1	seq
.....uauugcacuugAccggccug.....	1	1	seq
.....uauugcacuugcccggUccug.....	1	1	seq
.....uauugcacuugcUcggccug.....	1	1	seq
.....uauugcAcAugcccggccug.....	1	1	seq
.....uauugcUcuugcccggccug.....	1	1	seq
.....uauugcacuugccAggccug.....	1	1	seq
.....uauugcacuugcccGuccug.....	1	1	seq
.....uGuugcacuugcccggccug.....	1	1	seq
.....uauugcacuugcccGAccug.....	1	1	seq
.....uauugcCcuugcccggccug.....	1	1	seq
.....uauugcacuugcccggccuU.....	112	1	seq
.....uauugcGcuugcccggccug.....	1	1	seq
.....uauugcacuugAccggccug.....	1	1	seq
.....uauugcacuugcccggccCg.....	2	1	seq
.....uauugcacuCgucccggccug.....	1	1	seq
.....uauugcacuugcccggACug.....	1	1	seq
.....uauugcacCugcccggccug.....	2	1	seq
.....uauugcacuugUcccggccug.....	2	1	seq
.....uauugcacuUcccggccug.....	1	1	seq
.....uauugcacuugcccggccAg.....	1	1	seq
.....Cauugcacuugcccggccug.....	1	1	seq
.....uauugcacuugcccAgccug.....	1	1	seq
.....uauugcacuugcccggccuAu.....	28	1	seq
.....uauugcacuugcUcggccugu.....	12	1	seq
.....uauGgcacuugcccggccugu.....	1	1	seq
.....uauugcacuugcccGuccugu.....	14	1	seq
.....uauugcacuugcccCgccugu.....	3	1	seq
.....uauugcacuugcccggccugG.....	414	1	seq
.....uauugcGcuugcccggccugu.....	15	1	seq
.....uauugcacuCgucccggccugu.....	8	1	seq
.....uauugcacuugcccggccCgu.....	12	1	seq
.....uauugUacuugcccggccugu.....	16	1	seq
.....uauugcacuugCcccggccugu.....	18	1	seq
.....uauugAacuugcccggccugu.....	9	1	seq
.....uauugcacuugccUggccugu.....	18	1	seq
.....uaGugcacuugcccggccugu.....	1	1	seq
.....uauugcacuugcccggccAgu.....	3	1	seq
.....uauugcacuugGcccggccugu.....	3	1	seq
.....uauugcacGugcccggccugu.....	1	1	seq
.....uauugcacuugcccggccuUu.....	102	1	seq
.....uaCugcacuugcccggccugu.....	6	1	seq
.....uauugcacuUuccggccugu.....	11	1	seq
.....uauugcacuugcccggGugu.....	1	1	seq
.....uauugcacuAuccggccugu.....	8	1	seq
.....uauugcacuugcccGAccugu.....	9	1	seq
.....uUuugcacuugcccggccugu.....	2	1	seq
.....uauuAcacuugcccggccugu.....	4	1	seq
.....uauugcacuugccAggccugu.....	18	1	seq
.....uauugcacuAguccggccugu.....	1	1	seq
.....uauugcacuugcccggcUugu.....	6	1	seq

Star

Mature

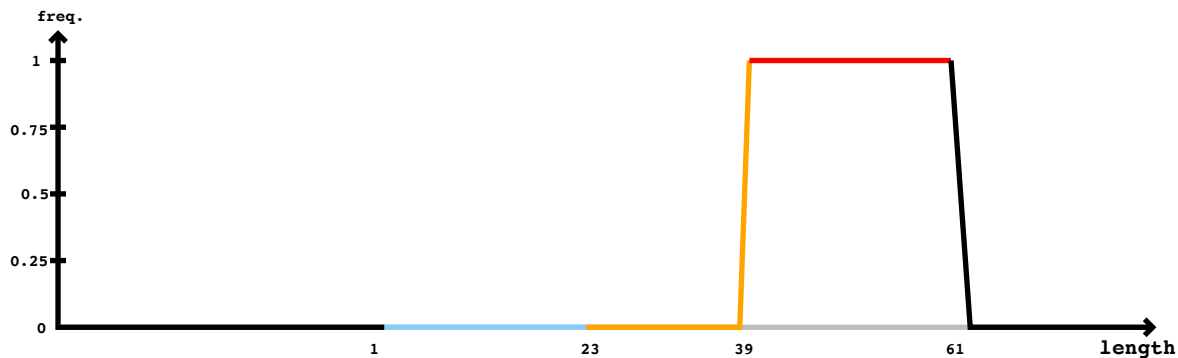
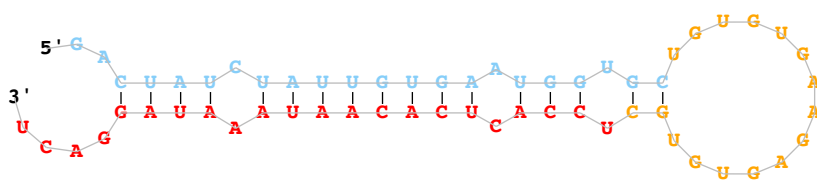
Sequence	Count	Star	Mature	Type
.....uauugcacuugucccgGccugu.....	4		1	seq
.....GauugcacuugucccgGccugu.....	41		1	seq
.....uauugcacuugucccgGccugu.....	70312		0	seq
.....uauugcacuugAcgGccugu.....	19		1	seq
.....uGuugcacuugucccgGccugu.....	6		1	seq
.....uAuAgcacuugucccgGccugu.....	4		1	seq
.....CauugcacuugucccgGccugu.....	18		1	seq
.....uauugcacAugucccgGccugu.....	2		1	seq
.....uauugcacuuguccUgGccugu.....	19		1	seq
.....uauugcacCugucccgGccugu.....	5		1	seq
.....uauugcaGuugucccgGccugu.....	1		1	seq
.....uauCgcacuugucccgGccugu.....	6		1	seq
.....uaAugcacuugucccgGccugu.....	2		1	seq
.....uCuugcacuugucccgGccugu.....	2		1	seq
.....uauugcaAuugucccgGccugu.....	8		1	seq
.....uauugcacuugucccgGccGgu.....	1		1	seq
.....uauuCcacuugucccgGccugu.....	4		1	seq
.....uauugcacuugAcgGccugu.....	5		1	seq
.....uauugcacuuguccGgGccugu.....	5		1	seq
.....uauugcacuugAcgGccugu.....	14		1	seq
.....uauugcacuugucccgUcGugu.....	2		1	seq
.....uauugcacuugcGcgGccugu.....	4		1	seq
.....uauugcacuugucccgGccuGA.....	5025		1	seq
.....uauugcacuugucccgCccugu.....	1		1	seq
.....AauugcacuugucccgGccugu.....	36		1	seq
.....uauugcaUuugucccgGccugu.....	6		1	seq
.....uauugcacuugUccgGccugu.....	33		1	seq
.....uauugcacuugucccgGccuCu.....	3		1	seq
.....uauugcacuuguccAgccugu.....	5		1	seq
.....uauugcacuugucccgGAcugu.....	14		1	seq
.....uauugcacuugGccgGccugu.....	2		1	seq
.....uauugcacuugucccgGccuGC.....	169		1	seq
.....uauugGacuugucccgGccugu.....	3		1	seq
.....uauuUcacuugucccgGccugu.....	11		1	seq
.....uauugcUcuugucccgGccugu.....	2		1	seq
.....uauugcacuuCuccgGccugu.....	4		1	seq
.....uauugcacuugucccgGcAgu.....	4		1	seq
.....uauugcacuugucccgGccuGAg.....	25		1	seq
.....uauugcacuugucccgGccuGC.....	67		1	seq
.....uauugcacuugucccgGccuGA.....	6035		1	seq
.....uauugcacuugucccgGccuGug.....	56		0	seq
.....uauugcacuugucccgGccuGAg.....	485		1	seq
.....uauugcacuugucccgGccuGAg.....	17		1	seq
.....uauugcacuugucccgGccuGCg.....	1		1	seq
.....uauugcacuugucccgGccuGU.....	18		1	seq
.....uauugcacuugucccgGccuGug.....	6		0	seq
.....uauugcacuugucccgGccuGAgg.....	1		1	seq
.....uauugcacuugucccgGccuGAga.....	54		1	seq
.....auugcacuugucccgGcc.....	7		0	seq
.....auugcacuCGucccgGccu.....	8		1	seq
.....auugcacuugucccgGccu.....	10		0	seq
.....auugcacuugucccgGccGg.....	1		1	seq
.....auugcacuugucccgGccug.....	59		0	seq
.....auugcacuugucccgGccuU.....	1		1	seq
.....auugcacuugucccgGAcugu.....	1		1	seq
.....auugcacuugucccgGccuGG.....	9		1	seq
.....auugcacuuguccUgGccugu.....	1		1	seq
.....auugcacuugucccgGccuUu.....	1		1	seq
.....auugcacuugucccgUccugu.....	2		1	seq
.....auugcacuugAccgGccugu.....	1		1	seq
.....auugcacuugcGcgGccugu.....	1		1	seq
.....auugcacuugcUcgGccugu.....	2		1	seq
.....UuugcacuugucccgGccugu.....	1		1	seq
.....auugcacuugucccgGccuGA.....	12		1	seq
.....GuugcacuugucccgGccugu.....	1		1	seq
.....auugcacuugucccgGccugu.....	1351		0	seq
.....auugcacuugCccgGccugu.....	1		1	seq
.....auugcacuugucccgGccuGC.....	1		1	seq
.....UuugcacuugucccgGccuGug.....	1		1	seq
.....auugcacuugucccgUcugug.....	1		1	seq

Star

Mature

ugugaaggugccuugcgcugguuucccauggguggggauuuguugcauuacuuguagcuaauaguagaguauugcacuugucccgccuguggaggaaaggaggacuugu			
.....auugcacuugucccgccugAg.....	1	1	seq
.....aCugcacuugucccgccugug.....	1	1	seq
.....auugcacuugucccgccuguC.....	14	1	seq
.....auugcacuugucccgccuguA.....	90	1	seq
.....auugcacuugucccgccugug.....	144	0	seq
.....auugcacuugucccgccugugA.....	38	1	seq
.....auugcacuugucccgccugugU.....	62	1	seq
.....auugcacuugucccgccugugg.....	8	0	seq
.....auugcacuugucccgccuguAg.....	6	1	seq
.....auugcacuugucccgccuguAa.....	4	1	seq
.....uugcacuuguccggccu.....	4	0	seq
.....uugcacuuguccggccugA.....	1	1	seq
.....uugcacuuguccggccugu.....	18	0	seq
.....uugcacuuguccggccuguC.....	1	1	seq
.....uugcacuuguccggccuguA.....	10	1	seq
.....uugcacuuguccggccugugg.....	1	0	seq
.....gcacuuguccggccugu.....	2	0	seq

Provisional ID : mun-novel67
 Score total : 1.6
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 42
 Mature read count : 42
 Loop read count : 0
 Star read count : 0



Star

Mature

5' -	uugccucaccuugggaauugccaaauccuuaggacuaucuaauugugauggugucugugugaagaguguguccacucacaauaaaaggacuggauuuggcaggcauggaga	-3'	exp	
	.(((....((...))..((((((((((...(((....(((((((....(((.....)))))))))..)))))))))..)))))).....	reads	mm	sample
	.....uccacucacaauaaaaggaca.....	1	1	seq
	.....uccacucacaauaaaaggacu.....	40	0	seq
	.....uccacucaUaauaaaaggacu.....	1	1	seq

Mature

Star

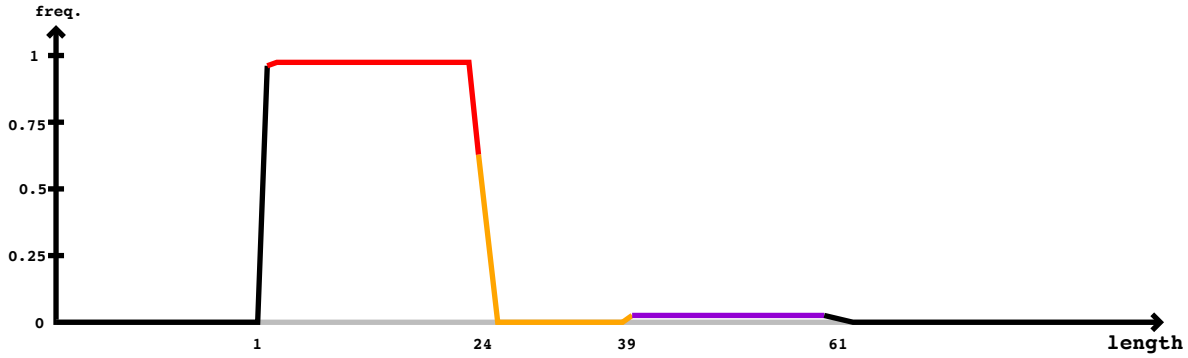
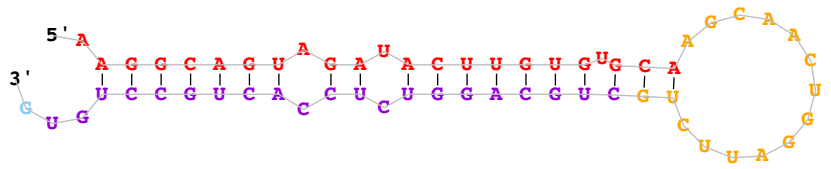
ggaggcggguugucagguccuucgauagcagcagcugguagagcggaggacugagagggguuggcuuugcggaaauccuaggucgcugguucgaguccggcucgaaggagacau
.....guucgaguccggcucgaaggaC....

1

1

seq

Provisional ID : mun-novel44
 Score total : 43.9
 Score for star read(s) : 3.9
 Score for read counts : 33.8
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 78
 Mature read count : 76
 Loop read count : 0
 Star read count : 2

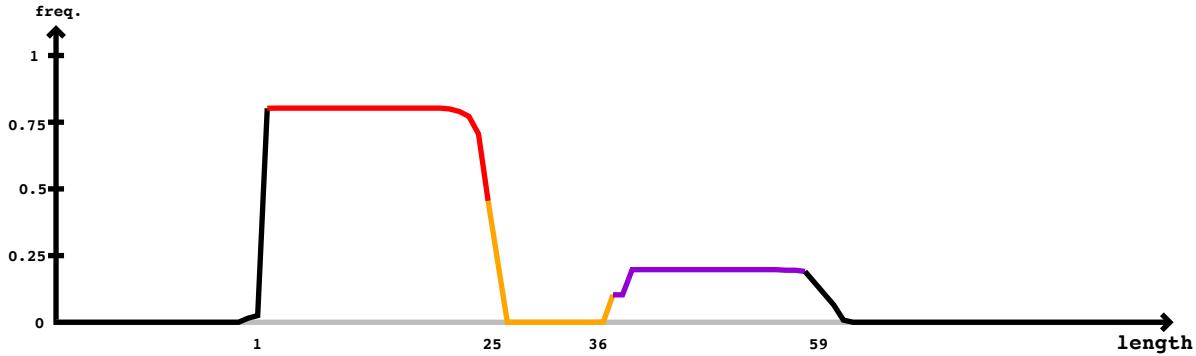
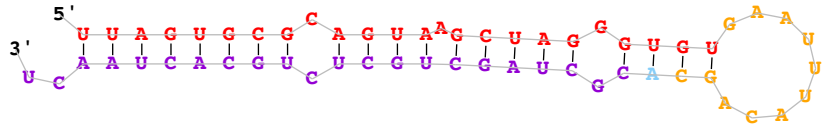


Mature

Star

5' -	reads	mm	sample
aaagagagagaacgucucca aaggcaguagauacuugugugcaagcaacuggauucugcugcaggucuccacugccugugggggguucuuggacaccaaccucacauggcaa -3'	2	1	seq
aaagagagagaacgucucca aaggcaguagauacuugugugcaagcaacuggauucugcugcaggucuccacugccugugggggguucuuggacaccaaccucacauggcaa	25	0	seq
...(((.....))).....	2	1	seq
.....aaggcaguagauacuugugugc.....	41	0	seq
.....aaggcaguagauacuugugugc.....	4	0	seq
.....aaggcaguagauacuugugugca.....	1	1	seq
.....aggcaguagauacuugugugca.....	1	0	seq
.....cugcaggucuccacugccugu.....	2	0	seq

Provisional ID : mun-novel94
 Score total : 940.9
 Score for star read(s) : 3.9
 Score for read counts : 930
 Score for mfe : 2.4
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 1836
 Mature read count : 1474
 Loop read count : 0
 Star read count : 362



Mature

Star

5' -	-3'	obs	reads	mm	sample
ugcuugucuaacauggggaag <u>uuagugcgcaguaagcuagggugugaauuuacagcacgcuagcugcucugcaca</u> aacccccuguggaugcugagugcacaagagcgccu		exp			
ugcuugucuaacauggggaag <u>uuagugcgcaguaagcuagggugugaauuuacagcacgcuagcugcucugcaca</u> aacccccuguggaugcugagugcacaagagcgccu					
.((.((((((.((((.(((((((.((((.((((.((((.(.....)))))))))..)))))))))..))))))..(((.....))))))					
..... <u>aguuagugcgcaCuaagcuag</u>			1	1	seq
..... <u>aguuagugcgaguaagcuag</u>			5	0	seq
..... <u>Gguuagugcgaguaagcuagg</u>			1	1	seq
..... <u>aguuagugcgaguaagcuagg</u>			8	0	seq
..... <u>aguuagugcgaguaagcuaggg</u>			4	0	seq
..... <u>aguuagugcgaguaagcuaggU</u>			2	1	seq
..... <u>aguuagugcgaguaagcuagggA</u>			2	1	seq
..... <u>aguuagugcgaguaagcuaggggu</u>			3	0	seq
..... <u>aguuagugcgaguaagcuagggguU</u>			2	1	seq
..... <u>guuagugcgaguaagcuagg</u>			1	0	seq
..... <u>guuagugcgaguaagcuaggg</u>			3	0	seq
..... <u>guuagugcgaguaagcuagggA</u>			8	1	seq
..... <u>guuagugcgaguaagcuaggggu</u>			3	0	seq
..... <u>guuagugcgaguaagcuagggguU</u>			3	1	seq
..... <u>uuagugcgaguaagcuagU</u>			1	1	seq
..... <u>uuagugcgaguaagcuagg</u>			6	0	seq
..... <u>uuagugcgaguaagcuaggg</u>			25	0	seq
..... <u>uuagugcgaguaagcuagggA</u>			11	1	seq
..... <u>uuagAgcgaguaagcuaggggu</u>			1	1	seq
..... <u>uuagugcgaguaagcuagggGC</u>			1	1	seq
..... <u>uuagugcgaguaagcuaggggu</u>			92	0	seq
..... <u>uuagGgcgaguaagcuagggug</u>			1	1	seq
..... <u>uuagugcgaguaagcuagggGg</u>			3	1	seq
..... <u>uuagugcgaguaagcuagggguA</u>			5	1	seq
..... <u>uuagugcgaguaagcuaggggu</u>			417	0	seq
..... <u>uuagugcgaguaagcuUggug</u>			1	1	seq
..... <u>Guagugcgaguaagcuagggug</u>			2	1	seq
..... <u>uuagugcgaguaagcuagggAg</u>			1	1	seq
..... <u>uuagugcgaguaagcuagggguU</u>			24	1	seq
..... <u>uuagugcAcaguaagcuagggug</u>			1	1	seq
..... <u>uuagugcgaguaagcuagggugC</u>			2	1	seq
..... <u>uuagugcgaguaagcuagggguUu</u>			12	1	seq
..... <u>uuagugcgaguaagcuagggugG</u>			28	1	seq

Mature

Star

ugcuugucuaacauggggaaguuagugcgcaguaagcuagggugugaauuuacagca	cgcuagcugcucugcacuaac	ccccuguggaugcugagugucacuaagagcgccu			
.Guagugcgcaguaagcuagggugu.			1	1	seq
.uuagugcgcaguaagcuagggugA.			35	1	seq
.uuagugcgcaguaagcuGgggugu.			1	1	seq
.uuagugcgcaguaagcuagggAgu.			1	1	seq
.uuagugcgcaguaagcuaggguAu.			8	1	seq
.uuagugcUcaguaagcuagggugu.			1	1	seq
.uuagugcgcaguaagcuagggUugu.			1	1	seq
.uuagugcgcaguaagcuagggCugu.			1	1	seq
.uuGgugcgcaguaagcuagggugu.			3	1	seq
.uuagugcgcaguaagcuagggGgu.			2	1	seq
.uuagugcgcaguaagcuagggugu.			715	0	seq
.uuagugcgcaguaagcuaggguguU.			22	1	seq
.uuagugcgcaguaagcuaggguguA.			2	1	seq
.uagugcgcaguaagcuagggug.			1	0	seq
.acgcuagcugcucugcacuaa.			1	0	seq
.acgcuagcugcucugcacuaac.			1	0	seq
.cgcuagcugcucugcacu.			4	0	seq
.cgcuagcugcucugcacuaa.			5	0	seq
.cgcuagcugcucugcacuaU.			1	1	seq
.cgcuUcugcucugcacuaac.			1	1	seq
.cgcuagcugcucugcacuaac.			12	0	seq
.cgcuagcugcucugUacuaacu.			1	1	seq
.cgcuGgugcucugcacuaacu.			1	1	seq
.cgcuagcugcucugcacuaacA.			1	1	seq
.cgcuagcugcucugcacuaacu.			154	0	seq
.cgcuagcugcucugcacuaacuc.			2	0	seq
.cgcuagcugcucugcacuaacucU.			5	1	seq
.cuagcugcucugcacuaa.			1	0	seq
.cuagcugcucugcacuaac.			2	0	seq
.cuagcugcucugcacuaacu.			54	0	seq
.cuagcugcucugcacuaacuc.			2	0	seq
.cuagcugcucugcacuaacucU.			86	1	seq
.cuagcugcucugcacuaacucc.			13	0	seq
.cuagcugcucugcacuaacuccA.			1	1	seq
.cuagcugcucugcacuaacuccU.			14	1	seq

Star

Mature

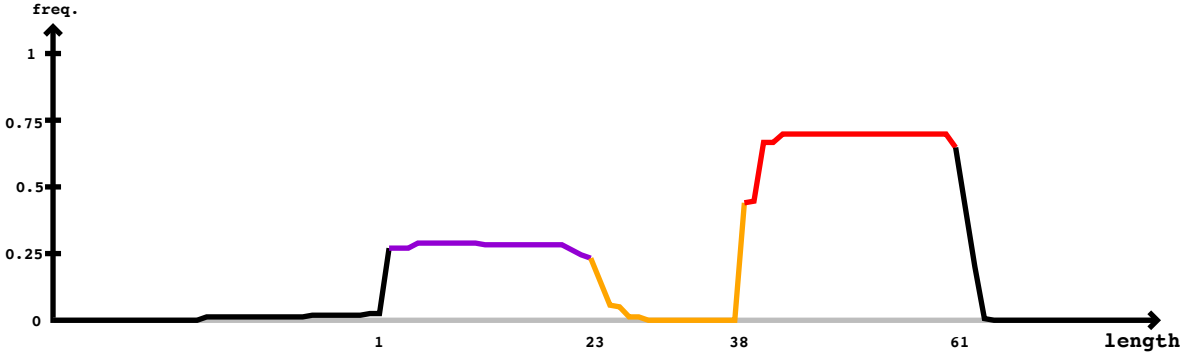
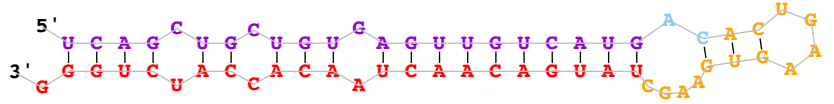
Sequence	Count	Count	Label
.....Gauugcacgguauccaucugu.....	4	1	seq
.....aaugcacggAauccaucugu.....	4	1	seq
.....aaugcacUguauccaucugu.....	2	1	seq
.....aaugcacgguauccaucugAa.....	4	1	seq
.....aGuugcacgguauccaucugua.....	1	1	seq
.....aaugcacggGauccaucugua.....	1	1	seq
.....aaugcacgguauccaAcugua.....	1	1	seq
.....aaugcacgguauccaucugua.....	388	0	seq
.....aaugcacgguauccaucuguU.....	85	1	seq
.....Gauugcacgguauccaucugua.....	1	1	seq
.....aaugcacgguaucUaucugua.....	1	1	seq
.....aaugcacggCauccaucugua.....	1	1	seq
.....aaugcacgguauccaucuguC.....	2	1	seq
.....aaugcacgguauccaucuguaG.....	51	1	seq
.....aaugcacgguauccaucuguaU.....	1675	1	seq
.....aaugcacggGauccaucuguaa.....	4	1	seq
.....aUuugcacgguauccaucuguaa.....	1	1	seq
.....aaugcacgguauccaucuguaa.....	913	0	seq
.....aaugcacgguauccaucuguaC.....	24	1	seq
.....aaugcacggAauccaucuguaa.....	1	1	seq
.....aaugcacgguauccaucuguGa.....	1	1	seq
.....aaugcacgguauccaucuguUa.....	3	1	seq
.....aaugcacgguaucAaucuguaa.....	1	1	seq
.....aaugcacgguaucUaucuguaa.....	1	1	seq
.....aaugcacgguauccaucuguaUa.....	1	1	seq
.....aaugcacgguauccaucuguaaa.....	25	0	seq
.....aaugcacgguauccaucuguaaU.....	76	1	seq
.....aaugcacgguauccaucuguaGa.....	3	1	seq
.....aaugcacgguauccaucuguaaC.....	1	1	seq
.....aaugcacgguauccaucuguaaaU.....	5	1	seq
.....auugcacgguauccaucug.....	20	0	seq
.....auugcacggGauccaucugu.....	1	1	seq
.....auugcacgCauccaucugu.....	1	1	seq
.....auugcacgguauccaucugA.....	1	1	seq
.....auugcacgguauccaucuAa.....	1	1	seq
.....auugcacgguauccaucugu.....	274	0	seq
.....auugcacgguauccaucuguU.....	9	1	seq
.....auugcacgguauccaucugua.....	64	0	seq
.....auugcacgguauccaucuguaa.....	249	0	seq
.....auugcacgguauccaucuguaU.....	468	1	seq
.....auugcacgguauccaucuguaC.....	10	1	seq
.....auugcacgguauccaucuguaG.....	9	1	seq
.....Uuugcacgguauccaucuguaa.....	1	1	seq
.....auugcacggUuccaucuguaa.....	1	1	seq
.....auugcacggAauccaucuguaa.....	1	1	seq
.....auugcacgguauccauAuguaa.....	1	1	seq
.....auugcacggGauccaucuguaa.....	1	1	seq
.....auugcacgguauccaucuguaUa.....	1	1	seq
.....auugcacgguauccaucuguaaa.....	10	0	seq
.....auugcacgguauccaucuguaaC.....	3	1	seq
.....auugcacgguauccaucuguaCa.....	1	1	seq
.....auugcacgguauccaucuguaaG.....	1	1	seq
.....auugcacgguauccaucuguaGa.....	1	1	seq
.....auugcacgguauccaucuguaaU.....	26	1	seq
.....auugcacgguauccaucuguaaaU.....	1	1	seq
.....uugcacgguauccaucuguaU.....	9	1	seq
.....uugcacgguauccaucuguaaU.....	2	1	seq

Star

Mature

augacuuguacagaaauucugcugcuaacgaaugcucugacuuuauugcacuacuguaacuucacagcuagcagugcaauaguauugcaaaagcaucugaaagcagagucuca			
.....cagugcaauaguauugcaaaagc.....	7260	0	seq
.....cagugcaauaUuauugcaaaagc.....	1	1	seq
.....caUugcaauaguauugcaaaagc.....	2	1	seq
.....cagugcaauaguauugcaaaagcG.....	2	1	seq
.....cagugcaauagGauugcaaaagca.....	1	1	seq
.....cagugcaauaguauugcaaaagcU.....	372	1	seq
.....cagugcaauaguauugcaaaagca.....	27	0	seq
.....cagugUaaauaguauugcaaaagca.....	1	1	seq
.....cagugcaauaguauugcaaaagcUu.....	3	1	seq
.....cagugcaauaguauugcaaaagcaC.....	1	1	seq
.....cagugcaauaguauugcaaaagcau.....	17	0	seq
.....cagugcaauaguauugcaaaagcaUA.....	1	1	seq
.....cagugcaauaguauugcaaaagcauc.....	1	0	seq
.....cagugcaauaguauugcaaaagcauU.....	55	1	seq
.....agugcaauaguauugcaaaagc.....	46	0	seq
.....agugcaauaguauugcaaaagca.....	2	0	seq
.....agugcaauaguauugcaaaagcU.....	5	1	seq
.....agugcaauaguauugcaaaagcau.....	1	0	seq
.....agugcaauaguauugcaaaagcauU.....	3	1	seq

Provisional ID : mun-novel71
Score total : 79.3
Score for star read(s) : 3.9
Score for read counts : 73
Score for mfe : 1.4
Score for randfold : 1.6
Score for cons. seed : -0.6
Total read count : 155
Mature read count : 111
Loop read count : 0
Star read count : 44

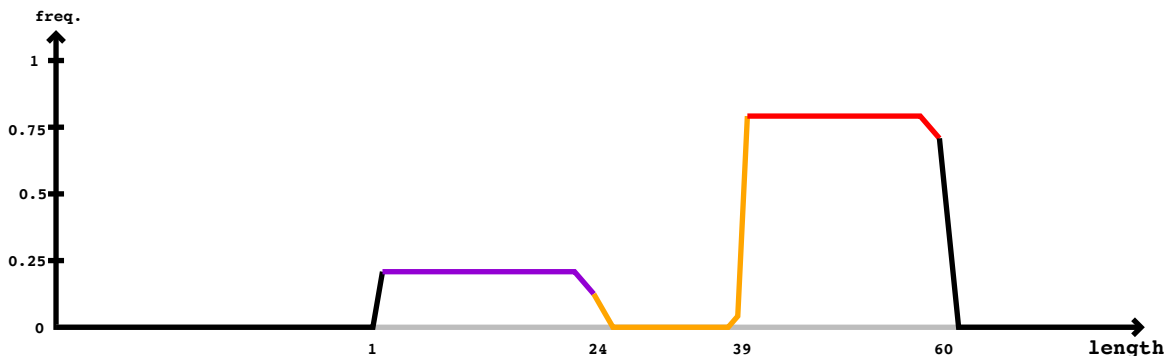
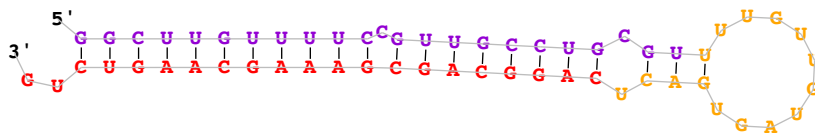


Star

Mature

5' -	obs	reads	mm	sample
aaauucaa	exp			
aaauucaa		2	0	seq
cgaaaugg		1	1	seq
ggaggcc		1	0	seq
ccucagc		2	0	seq
ucagcug		3	0	seq
ucagcug		2	0	seq
ucagcug		14	0	seq
Gcagcug		1	1	seq
ucagcug		3	0	seq
ucagcug		10	1	seq
ucagcug		4	1	seq
ucagcug		2	0	seq
gcugcug		1	0	seq
gcugcug		1	1	seq
gcugcug		1	0	seq
uagaca		8	0	seq
uagaca		39	0	seq
uagaca		1	1	seq
uagaca		10	1	seq
uagaca		1	1	seq
uagaca		1	1	seq
uagaca		6	0	seq
uagaca		3	1	seq
uagaca		1	0	seq
augaca		1	1	seq
ugaca		4	1	seq
ugaca		8	0	seq
ugaca		23	0	seq
acaac		4	0	seq
acaac		1	0	seq

Provisional ID : mun-miR-1788
 Score total : 17
 Score for star read(s) : 3.9
 Score for read counts : 6.2
 Score for mfe : 2.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 24
 Mature read count : 19
 Loop read count : 0
 Star read count : 5

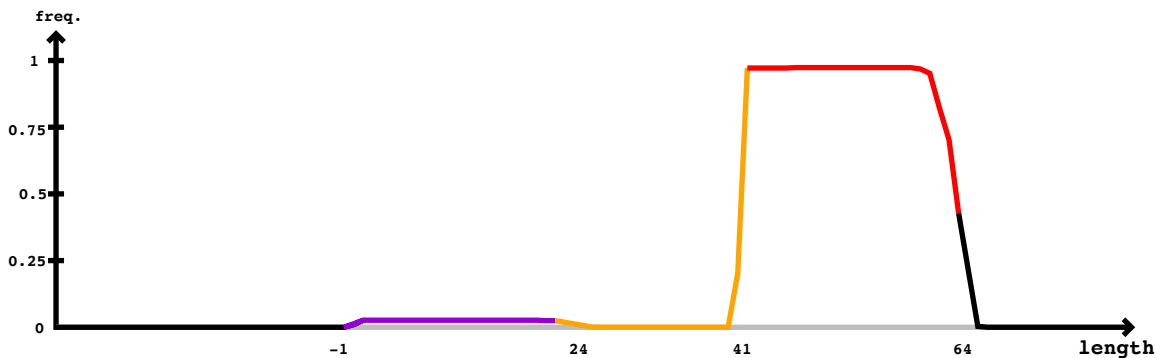
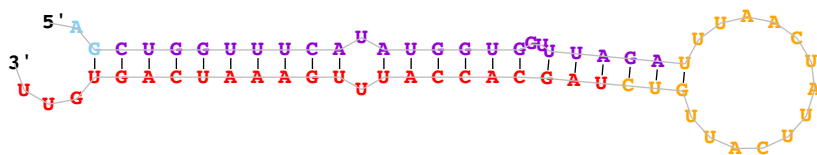


Star

Mature

5' -		-3'	obs	exp	reads	mm	sample
gcccgcucccaccucccgccgcugucucuggggcuuguuuuccguugccugcguuuuuguuguagugacucaggcagcgaaagcaagucugggaggcugcggagccacugc							
gcccgcucccaccucccgccgcugucucuggggcuuguuuuccguugccugcguuuuuguuguagugacucaggcagcgaaagcaagucugggaggcugcggagccacugc					1	0	seq
.....(((((((.....))))))(((((((.....))))))(((((((.....))))))(((((((.....))))))(((((((.....))))))(((((((.....)))))).....					1	0	seq
.....ggcuuguuuuccguugccugc.....					3	0	seq
.....ggcuuguuuuccguugccugcg.....					1	0	seq
.....ggcuuguuuuccguugccugcgu.....					1	0	seq
.....ucaggcagcgaaagcaagucug.....					1	0	seq
.....caggcagcgaaagcaaguc.....					1	0	seq
.....caggcagcgaaagcaaguc.....					1	0	seq
.....caggcagcgaaagcaagucug.....					14	0	seq
.....caggcagcgaaagcaagucugU.....					2	1	seq

Provisional ID :mun-miR-29b
 Score total : 4.9
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.6
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 603
 Mature read count : 587
 Loop read count : 0
 Star read count : 16



Star

Mature

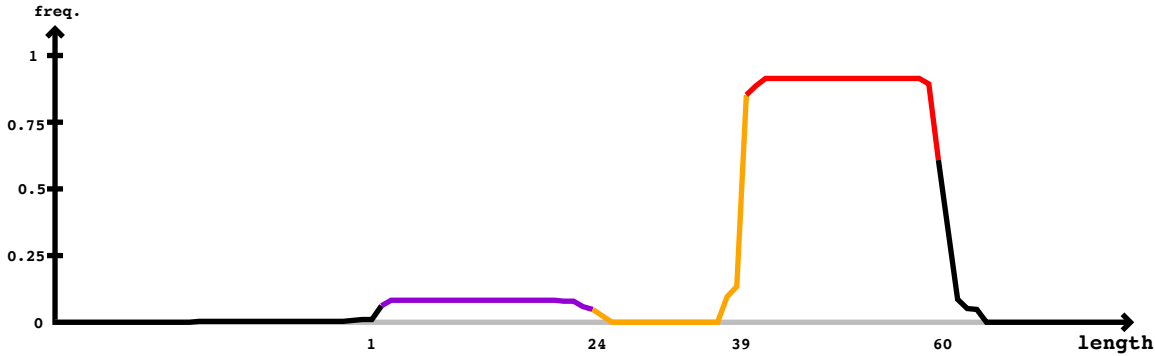
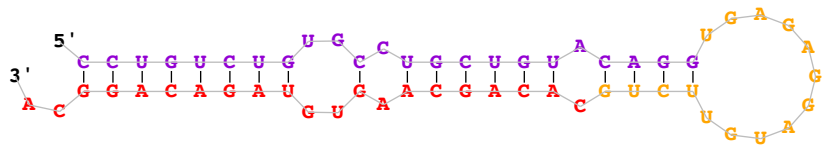
5' -	obs	mm	sample
ucccagcuggaauaagcuccucaggaagcugguuucauauaggugguuuagauuuuacuaauucauuguc <u>uagcacc</u> auuugaaaucaguguuc <u>uagg</u> aggaagaaugcc	-3'	reads	exp
ucccagcuggaauaagcuccucaggaagcugguuucauauaggugguuuagauuuuacuaauucauuguc <u>uagcacc</u> auuugaaaucaguguuc <u>uagg</u> aggaagaaugcc			
.....((((.....)))(..((((((((((((((((.....)))))))))))))).....)).....			
.....gcuuuucauauaggugguuuuu.....	1	0	seq
.....gcuuuucauauaggugguuuag.....	1	0	seq
.....gcuuuucauauaggugguuuaga.....	3	0	seq
.....gcuUguuuucauauaggugguuuaga.....	1	1	seq
.....cugguuucauauaggugguu.....	1	0	seq
.....cugguuucauauaggugguuuag.....	1	0	seq
.....cugguuucauauaggugguuuagU.....	3	1	seq
.....cugguuucauauaggugguuuaga.....	2	0	seq
.....cugguuucauauaggugguuuagau.....	3	0	seq
.....cuagcacc <u>auuugaaa</u> uca.....	2	0	seq
.....cuagcacc <u>auuugaaa</u> ucag.....	8	0	seq
.....cuagcacc <u>auuugaaa</u> ucaA.....	1	1	seq
.....cuagcacU <u>auuugaaa</u> ucagu.....	1	1	seq
.....cuagcacc <u>auuugaaa</u> ucagG.....	1	1	seq
.....cuagcacc <u>auuugaaa</u> ucagu.....	40	0	seq
.....cuagcacc <u>auuugaaa</u> ucagC.....	2	1	seq
.....cuagcacc <u>auuugaaa</u> ucaguA.....	1	1	seq
.....cuagcacc <u>auuugaaa</u> ucaguU.....	3	1	seq
.....cuagcacc <u>auuugaaa</u> ucagug.....	30	0	seq
.....cuagcacc <u>auuugaaa</u> ucagugA.....	12	1	seq
.....Auagcacc <u>auuugaaa</u> ucagugu.....	1	1	seq
.....cuagcacc <u>auuugaaa</u> ucagugu.....	18	0	seq
.....cuagcacc <u>auuugaaa</u> ucagugG.....	1	1	seq
.....cuagcacc <u>auuugaaa</u> ucaguguu.....	1	0	seq
.....uagcacc <u>auuugaaa</u> uca.....	1	0	seq
.....uagcacc <u>auuugaaa</u> ucag.....	1	0	seq
.....uagcacc <u>auuugaaa</u> ucagA.....	1	1	seq
.....uagcacc <u>auuugaaa</u> ucagu.....	35	0	seq
.....uagcaccG <u>uuugaaa</u> ucagug.....	1	1	seq
.....uagcacc <u>auuugaaa</u> ucagugC.....	5	1	seq
.....uagcacc <u>auuugaaa</u> ucagug.....	24	0	seq
.....uagcacc <u>auuugaaa</u> ucGgug.....	3	1	seq
.....uagcacc <u>auuugaaa</u> ucagugU.....	3	1	seq

Star

Mature

ucccagcuggaaauaagcuccucaggaagcuggguucauauugggguuuagauuuuacuaaucauuguc <u>uagcaccuuugaaaucaguu</u> cuuggaggaagaugcc			
.....uagcaccuuugaaaucaguU.....	4	1	seq
.....uagcaccuuugaaaucagugC.....	2	1	seq
.....uagcaccuuugaaaucagugG.....	5	1	seq
.....uagcaccuuugaaaucagugu.....	110	0	seq
.....uagcaccuuugaaaucagugA.....	9	1	seq
.....uagcaccuuugaaaucagugCu.....	3	1	seq
.....uagcaccuuugaaaucCgugu.....	1	1	seq
.....uagcaccuuugaaaucaguguu.....	248	0	seq
.....uagcaccuuugaaaucaguguA.....	3	1	seq
.....uagcaccuuugaaaucaguguAu.....	1	1	seq
.....uagcaccuuugaaaucaguguuc.....	1	0	seq
.....uagcaccuuugaaaucaguguuU.....	1	1	seq
.....uagcaccuuugaaaucaguguuGu.....	1	1	seq
.....uagcaccuuugaaaucaguguuAu.....	1	1	seq
.....ccuuugaaaucaguguu.....	1	0	seq

Provisional ID : mun-miR-214-1
Score total : 148.7
Score for star read(s) : 3.9
Score for read counts : 141.3
Score for mfe : 2.4
Score for randfold : 1.6
Score for cons. seed : -0.6
Total read count : 289
Mature read count : 266
Loop read count : 0
Star read count : 23



Star

Mature

5' -	obs	reads	mm	sample
gcugucccucaggcuggguugucaugcgacugccugucugugccugcuguacagguagagaggauguucugcacagcaaguguagacagggcagacacaugacaacuccguc	exp			
gcugucccucaggcuggguugucaugcgacugccugucugugccugcuguacaggugagaggauguucugcacagcaaguguagacagggcagacacaugacaacuccguc	exp	1	0	seq
.....(((.....((.....((.....((.....((.....((.....((.....((.....((.....((.....((.....((.....((.....((.....((.....(	exp	1	1	seq
.....cuggguugucaugcgacug.....	exp	1	1	seq
.....ugccugucugugccugcuguU.....	exp	1	1	seq
.....ugccugucugugccugcuguacU.....	exp	5	0	seq
.....ccugucugugccugcuguaca.....	exp	3	0	seq
.....ccugucugugccugcuguacag.....	exp	1	1	seq
.....ccugucugugccugcuguacagA.....	exp	6	1	seq
.....ccugucugugccugcuguacagU.....	exp	1	1	seq
.....ccugucugugccugcuguacagUu.....	exp	2	0	seq
.....cugucugugccugcuguacagg.....	exp	3	1	seq
.....cugucugugccugcuguacagU.....	exp	1	1	seq
.....cugucugugccugcuguacaggA.....	exp	1	1	seq
.....ugcacagcaGguguagacagg.....	exp	1	1	seq
.....ugcacagcaaguguagacagggc.....	exp	19	0	seq
.....ugcGcagcaaguguagacagggc.....	exp	1	1	seq
.....ugcacagcaGguguagacagggc.....	exp	6	1	seq
.....ugcacagcaaguguagacagggca.....	exp	1	0	seq
.....gcacagcaaguguagacagggc.....	exp	1	0	seq
.....gcacagcaaguguagacagggc.....	exp	3	0	seq
.....gcacagcaaguguagacagggcC.....	exp	1	1	seq
.....gcacagcaaguguagacagggca.....	exp	1	0	seq
.....gcacagcaaguguagacagggcaU.....	exp	5	1	seq
.....cacagcaaguguagacaggg.....	exp	2	0	seq
.....cacagcaGguguagacaggg.....	exp	2	1	seq
.....cacagcGaguguagacagggc.....	exp	4	1	seq
.....cacGgcaaguguagacagggc.....	exp	2	1	seq
.....cacagcaGguguagacagggc.....	exp	6	1	seq
.....cacagcaaguguagacagggc.....	exp	42	0	seq
.....cacGgcaaguguagacagggca.....	exp	3	1	seq
.....cacagcaaguguagacagggca.....	exp	47	0	seq
.....cacagcaGguguagacagggca.....	exp	31	1	seq
.....cacagcaaguguagacagggcC.....	exp	8	1	seq
.....cacagcaaguguagacagggcaA.....	exp	4	1	seq
.....cacagcaaguguagacagggcaU.....	exp	37	1	seq

Star

Mature

gcuguccucaggcuggguugucaugcgacugccugucugugccugcuguacaggugagaggauguucugcacagcaaguguagacaggcagacacaugacaacucguc			
.....cacagcaGguguagacaggcag.....	1	1	seq
.....cacagcaaguguagacaggcaC.....	9	1	seq
.....cacagcaaguguagacaggcGg.....	1	1	seq
.....cacagcaaguguagacaggcag.....	3	0	seq
.....cacagcaaguguagacaggcaga.....	1	0	seq
.....cacagcaaguguagacaggcaUa.....	4	1	seq
.....cacagcaaguguagacaggcagU.....	2	1	seq
.....acagcaaguguagacaggcagU.....	3	1	seq
.....acagcaaguguagacaggcagacC.....	7	1	seq
.....cagcaGguguagacaggcagac.....	1	1	seq
.....cagcaaguguagacaggcagacG.....	1	1	seq
.....cagcaaguguagacaggcagacC.....	5	1	seq
.....cagcaaguguagacaggcagacU.....	1	1	seq

Mature

Star

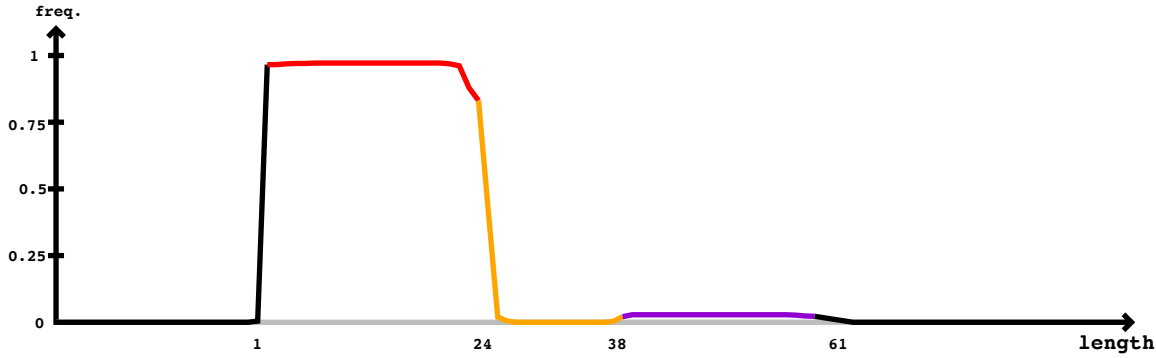
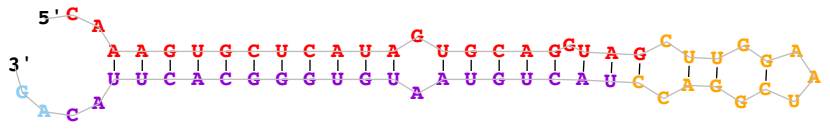
acgauccauggauucuguguccu <u>cauuccaccggagucugu</u> cu <u>cauaccuaacca</u> gauuucaguggagugaagcacaagagacauggagaugaauccagcaacaagagcaac			
.....ccu <u>cauuccaccgga</u> Aucug.....	19	1	seq
.....ccu <u>cauuccaccgga</u> Aucugu.....	2	1	seq
.....u <u>cauuccaccgga</u> Aucugu.....	1	1	seq
..... <u>cauuccaccggagucug</u> A.....	1	1	seq
.....gauuucaguggagugaagcaca.....	2	0	seq

Star

Mature

acucugugucgccgcucagauucagucacggacaucugcggggcaaaagugaauuuuccauuuauucugugcccaucgcuuuugccugggagauccucuggagcugcuuucac

Provisional ID : mun-miR-20b
 Score total : 348.1
 Score for star read(s) : 3.9
 Score for read counts : 337.6
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 674
 Mature read count : 655
 Loop read count : 0
 Star read count : 19



Mature **Star**

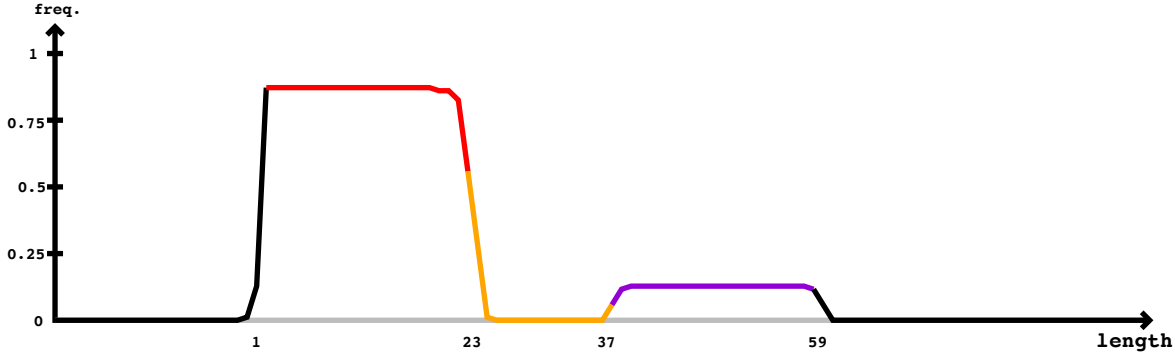
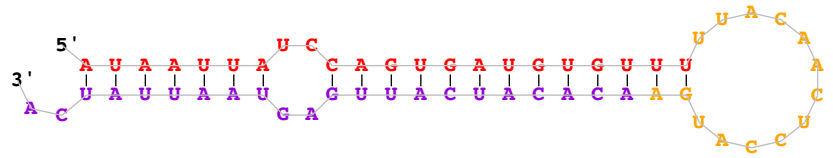
5' -	3' -	obs	exp	reads	mm	sample
uaguuuuguccuagcaguau	caaaagugcucuauagucagguagcuuggaau	cgaccu	uacuguaa	ugggcacu	uacagucugcuagauaaagcgcauccuagcuag	seq
uaguuuuguccuagcaguau	caaaagugcucuauagucagguagcuuggaau	cgaccu	uacuguaa	ugggcacu	uacagucugcuagauaaagcgcauccuagcuag	seq
.....
.....	ucaaagugcucuauagucagguU	.....	.....	2	0	seq
.....	ucaaagugcucuauagucagguU	.....	.....	1	1	seq
.....	caaagugcucuauagucag	.....	.....	2	0	seq
.....	caaagugcucuauagucagg	.....	.....	5	0	seq
.....	caaagugcucuauagucaggu	.....	.....	52	0	seq
.....	caaagugcuUauagucaggu	.....	.....	1	1	seq
.....	caaagugcucuauagugAaggu	.....	.....	1	1	seq
.....	caaagugcucuauagucagguU	.....	.....	1	1	seq
.....	caaagugcucuauagucaggu	.....	.....	31	0	seq
.....	caaagugcucuauagucagguGg	.....	.....	1	1	seq
.....	caaagugcucuauagucagguag	.....	.....	268	0	seq
.....	caaagugcucuauagucagguUg	.....	.....	1	1	seq
.....	caaagAgcucuauagucagguag	.....	.....	1	1	seq
.....	caaagugcucuauagucagguU	.....	.....	34	1	seq
.....	Uaaagugcucuauagucagguag	.....	.....	2	1	seq
.....	caaagugcucuauagucagguA	.....	.....	6	1	seq
.....	caaagugcucuauagucagguagA	.....	.....	21	1	seq
.....	caaagugcucuauagucagguagc	.....	.....	4	0	seq
.....	caaagugcucuauagucagguagU	.....	.....	203	1	seq
.....	caaagugcucuauCugcagguagc	.....	.....	1	1	seq
.....	caaagugcucuauagucagguagAu	.....	.....	1	1	seq
.....	caaagugcucuauagucagguagcu	.....	.....	2	0	seq
.....	caaagugcucuauagucagguagUu	.....	.....	7	1	seq
.....	caaagugcucuauagucagguagUuu	.....	.....	3	1	seq
.....	aagugcucuauagucagguag	.....	.....	2	0	seq
.....	agugcucuauagucagguag	.....	.....	1	0	seq
.....	ugcucuauagucagguagU	.....	.....	1	1	seq
.....	cuacuguaa	ugggcacu	uacU	2	1	seq
.....	uacuguaa	ugggcacu	.....	1	0	seq
.....	uacuguaa	ugggcacuu	.....	1	0	seq
.....	uacuguaa	ugggcacuua	.....	1	0	seq
.....	uacuguaa	ugggcacuuaA	.....	1	1	seq
.....	uacuguaa	ugggcacuac	.....	6	0	seq

Mature

Star

uaguuuuguccuagcaguaucaaaagugcucauagugcagguagcuuggaucggaccuacuguaauggggcacuuacaguacugcuagauaaagcgcauccuuagcuag			
.....uacuguaauggggcacuuaca.....	2	0	seq
.....acuguaauggggcacuu.....	1	0	seq
.....acuguaauggggcacuuac.....	1	0	seq
.....acuguaauggggcacuuacU.....	1	1	seq
.....acuguaauggggcacuuaca.....	1	0	seq
.....acuguaauggggcacuuacagu.....	1	0	seq

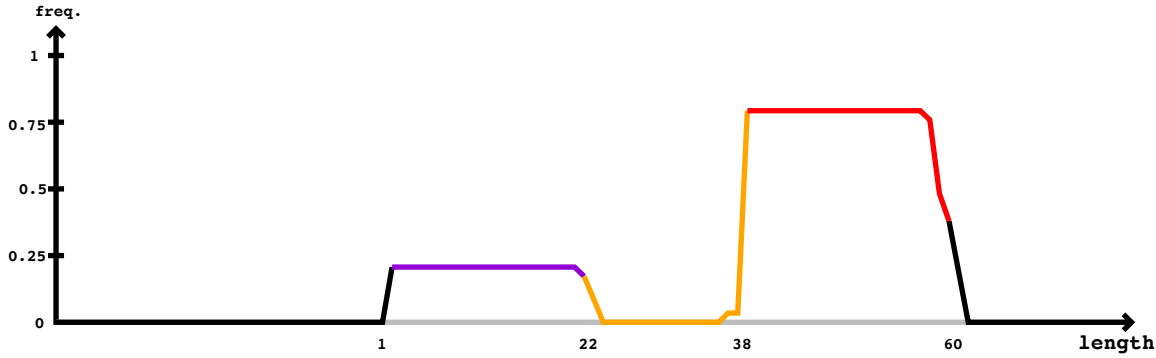
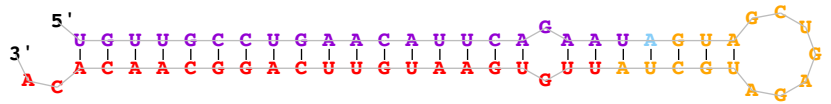
Provisional ID : mun-novel92
 Score total : 44
 Score for star read(s) : 3.9
 Score for read counts : 37.9
 Score for mfe : 1.2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 86
 Mature read count : 75
 Loop read count : 0
 Star read count : 11



Mature **Star**

5' - cauuagguugaacuauugauaaauuaccagugauguguuuuuacaacuccaugacacaucauugaguaauuaucaagagucucacucuuucaccuuuacgcagucagaaa		-3'	obs		
cauuagguugaacuauugauaaauuaccagugauguguuuuuacaacuccaugacacaucauugaguaauuaucaagagucucacucuuucaccuuuacgcagucagaaa			exp		
		reads	mm	sample	
..(((.(((.(.....(((((((((((((((((.....)))))))))))..)))))))))(((.....)))..)))))))..)).....					
.....ugauaaauuaccagugaugugu.....		1	0	seq	
.....gauaaauuaccagugaugu.....		1	0	seq	
.....gauaaauuaccagugaugugu.....		8	0	seq	
.....gauaaauuaccagugauguguC.....		1	1	seq	
.....auaaauuaccagugaugugu.....		2	0	seq	
.....auaaauuaccagugaugugu.....		14	0	seq	
.....auaauuUcagugaugugu.....		1	1	seq	
.....auaaauuaccagugauguguuu.....		41	0	seq	
.....auaaauuaccagugauguguA.....		1	1	seq	
.....auaaCuaaccagugauguguuu.....		1	1	seq	
.....auaaauuaccCgugauguguuu.....		1	1	seq	
.....auaaauuaccagugauguguuu.....		2	0	seq	
.....auaaauuaccagugauguguuuuu.....		1	0	seq	
.....acacaucauugaguaauuauC.....		1	0	seq	
.....acacaucauugaguaauuauca.....		3	0	seq	
.....acacaucauugaguaauuaucaU.....		1	1	seq	
.....cacaucuuugaguaauuauca.....		3	0	seq	
.....cacaucuuugaguaauuaucaa.....		2	0	seq	
.....acaucuuugaguaauuaucaa.....		1	0	seq	

Provisional ID : mun-novel51
 Score total : 16.3
 Score for star read(s) : 3.9
 Score for read counts : 8.8
 Score for mfe : 2.6
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 29
 Mature read count : 23
 Loop read count : 0
 Star read count : 6

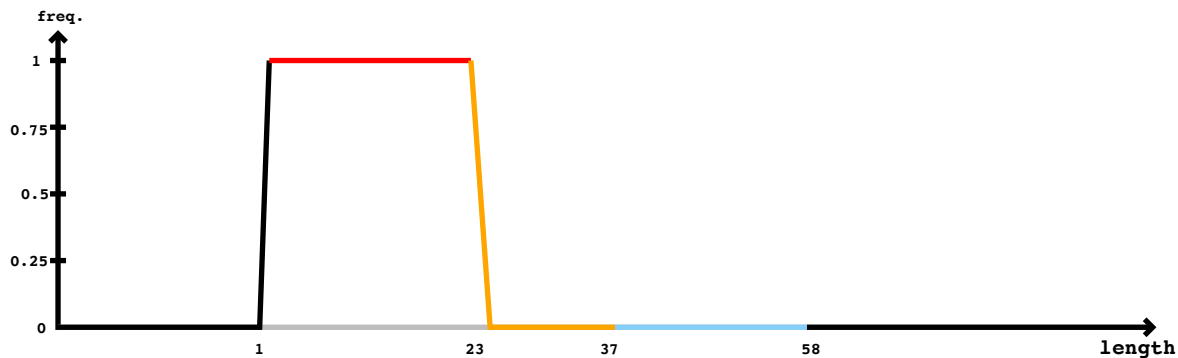
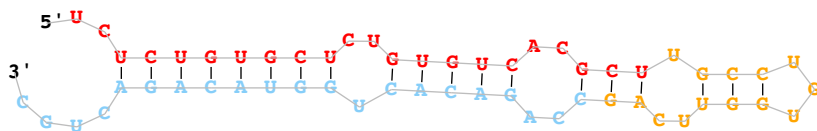


Star

Mature

5' -	agaaaacugcaggacugagacuuccugaaguug <u>uguugccugaacaucagaa</u> aguagcugagaugcu <u>auugugaau</u> gucaggcaacacaacuucaggaaguuuuca	-3'	obs		
	agaaaacugcaggacugagacuuccugaaguug <u>uguugccugaacaucagaa</u> aguagcugagaugcu <u>auugugaau</u> gucaggcaacacaacuucaggaaguuuuca		exp		
	.....(((((.....)))))).....		reads	mm	sample
	.....uguugccugaacaucagaa.....		1	0	seq
	.....uguugccugaacaucagaa.....		3	0	seq
	.....uguugccugaacaucagaaA.....		2	1	seq
	.....uauugugaaugucaggcaacC.....		1	1	seq
	.....uugugaaugucaggcaac.....		1	0	seq
	.....uugugaGugucaggcaaca.....		1	1	seq
	.....uugugaaugucaggcaaca.....		6	0	seq
	.....uugugaaugucaggcaacac.....		3	0	seq
	.....uugugaaugucaggcaacaca.....		4	0	seq
	.....uugugaaugucaggcaacacU.....		7	1	seq

Provisional ID : mun-novel52
 Score total : 0.5
 Score for star read(s) : -1.3
 Score for read counts : -4.4
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 3
 Mature read count : 3
 Loop read count : 0
 Star read count : 0

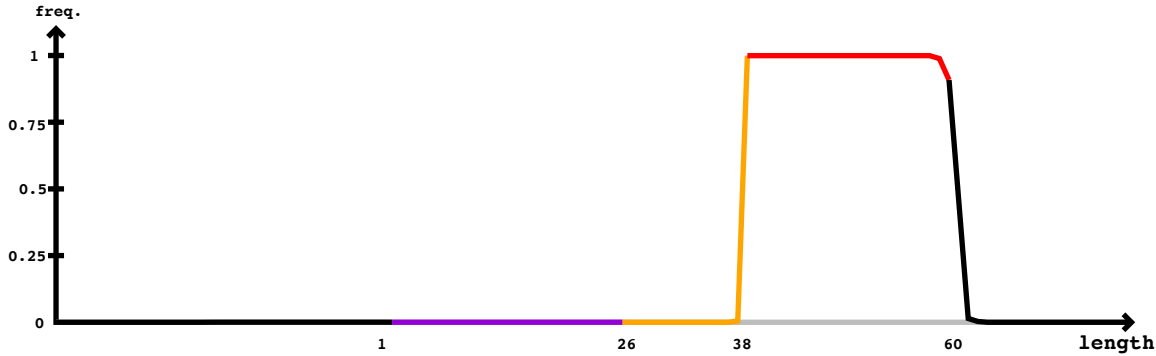
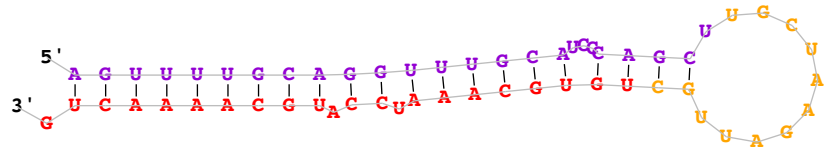


Mature

Star

5' - ccugauuuuccaccaccuuucucugugcucugugucaagcuugccugugguucagccagacacugguacagacugcugggcugcuggagcauuugccagugugagaauuu -3' exp
(((((((.....((.....)).. reads mm sample
ucucugugcucugugucaagcu..... 3 0 seq

Provisional ID : mun-miR-19b-2
 Score total : 3376.4
 Score for star read(s) : 3.9
 Score for read counts : 3366
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 6614
 Mature read count : 6613
 Loop read count : 0
 Star read count : 1



Star **Mature**

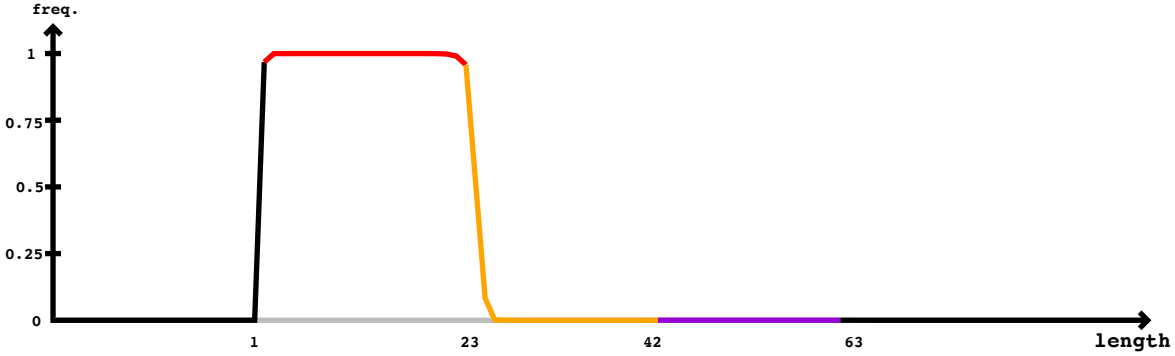
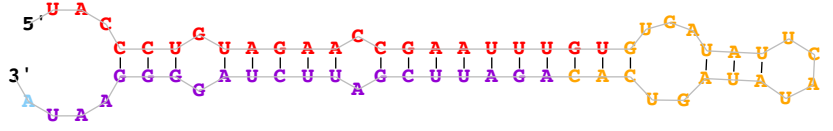
5' -	obs	reads	mm	sample
caggcucuggagaagauggugcugauuacagucaguuuugcagguuugcauuccagcuugcuaagauugcugugcaaaauccaugcaaaaacugacuguggugguggugaau	-3'			
caggcucuggagaagauggugcugauuacagucaguuuugcagguuugcauuccagcuugcuaagauugcugugcaaaauccaugcaaaaacugacuguggugguggugaau	exp			
..(((..(((.....))))..))..((((((((((((((((((((((((.....(((.....))))))))))))..))..)))))))))))))))))).....		1	0	seq
.....gauugcugauuacaguc.....		1	0	seq
.....auggugcugauuacaguc.....		1	0	seq
.....aguuuugcagguuugcauuccagcu.....		14	0	seq
.....cugugcaaaauccaugcaaaaacu.....		10	0	seq
.....cugugcaaaauccaugcaaaaacug.....		5	1	seq
.....cugugcaaaauccaugcaaaaacuga.....		2	0	seq
.....cugugcaaaauccaugcaaaaacugaU.....		1	1	seq
.....ugugcaaaauccaugcaaaa.....		1	0	seq
.....uguAcaaaauccaugcaaaaac.....		1	1	seq
.....ugugcaaaauccaugcaaaaac.....		70	0	seq
.....ugCgcaaaauccaugcaaaaac.....		1	1	seq
.....ugugcaaaauccauUcaaaaacu.....		1	1	seq
.....uCuGcaaaauccaugcaaaaacu.....		1	1	seq
.....ugugcaaaauccauCcaaaaacu.....		1	1	seq
.....Ggugcaaaauccaugcaaaaacu.....		3	1	seq
.....Agugcaaaauccaugcaaaaacu.....		1	1	seq
.....ugugcaaaauccaugUaaaacu.....		31	1	seq
.....ugCgcaaaauccaugcaaaaacu.....		1	1	seq
.....ugugcaaaauccaugcaaaaacA.....		1	1	seq
.....ugugcaaaauccaugcaaaaacu.....		476	0	seq
.....ugugcaaaauccaugcaaaaacGg.....		7	1	seq
.....ugAgcaaaauccaugcaaaaacug.....		1	1	seq
.....uguAcaaaauccaugcaaaaacug.....		2	1	seq
.....ugugcaaaauccaugcaaaaacug.....		3382	0	seq
.....ugugcaaaauccaugAaaaacug.....		1	1	seq
.....ugugcaaaauccaugcaaaaGcug.....		1	1	seq
.....ugugcaaaaCccaugcaaaaacug.....		2	1	seq
.....ugugcaaaauccaugcaaaaacuA.....		3	1	seq
.....Agugcaaaauccaugcaaaaacug.....		2	1	seq
.....ugugcaGauccaugcaaaaacug.....		1	1	seq
.....ugugcUaauccaugcaaaaacug.....		1	1	seq
.....ugugAaaauccaugcaaaaacug.....		1	1	seq

Star

Mature

caggcucuggagaagauggugcugauuacagucaguuuugcagguuugcauuccagcugcuaagaauugcugcuaaaucCaugcaaaacugacuguggugguggu			
.....ugugcaaaucCaugcaaaacCg.....	1	1	seq
.....ugugcaaaucCaugcaaaacAug.....	1	1	seq
.....ugugcaaaucCaugcaaaacuU.....	2	1	seq
.....ugugcaaaucCaugcaaaacug.....	1	1	seq
.....ugugcaaaucCaugUaaaacug.....	20	1	seq
.....ugugcaaaucCaugcaaaacug.....	1	1	seq
.....uAugcaaaucCaugcaaaacug.....	1	1	seq
.....GgugcaaaucCaugcaaaacug.....	3	1	seq
.....ugugcaaaucCaugCaaaacug.....	2	1	seq
.....uCugcaaaucCaugcaaaacug.....	1	1	seq
.....ugugcaaaucCaugcaaaacuUa.....	1	1	seq
.....ugugcaaaucCaugcaaaacugC.....	27	1	seq
.....ugugcaaaucCaugUaaaacuga.....	1	1	seq
.....ugugcaaaucCaugcaaaacuga.....	1	1	seq
.....GgugcaaaucCaugcaaaacuga.....	5	1	seq
.....ugugcaaaucCaugCgaaaacuga.....	1	1	seq
.....ugugcaaaucCaugUcaaaacuga.....	1	1	seq
.....ugugcaaaucCaugAaaaacuga.....	1	1	seq
.....ugugcaaaucCaugcaaaacugU.....	784	1	seq
.....ugugcGaaucCaugcaaaacuga.....	1	1	seq
.....uUugcaaaucCaugcaaaacuga.....	2	1	seq
.....AgugcaaaucCaugcaaaacuga.....	1	1	seq
.....ugugcaaaucCaugCaaaacuga.....	2	1	seq
.....ugugcaaaucCaugcaaaacugG.....	14	1	seq
.....ugugcaaaucCaugcaaaacuga.....	1617	0	seq
.....ugugcaaaucCaugcaaaacuga.....	1	1	seq
.....ugugcaaaucUaugcaaaacugac.....	7	1	seq
.....ugugcaaaucCaugcaaaacugac.....	19	0	seq
.....ugugcaaaucCaugcaaaacugaA.....	7	1	seq
.....ugugcaaaucCaugcaaaacugaU.....	40	1	seq
.....ugugcaaaucCaugcaaaacugaUu.....	2	1	seq
.....ugugcaaaucCaugcaaaacugaAu.....	1	1	seq
.....ugugcaaaucCaugcaaaacugacu.....	8	0	seq
.....ugugcaaaucUaugcaaaacugacu.....	9	1	seq
.....ugUaaaucCaugcaaaacug.....	1	1	seq

Provisional ID : mun-miR-10a-1
 Score total : 246276.2
 Score for star read(s) : 3.9
 Score for read counts : 246266.1
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 483052
 Mature read count : 482961
 Loop read count : 0
 Star read count : 91



Mature **Star**

5' - guuauuacguugucuauuuu <u>uacccuguagaaccgaauuugug</u> gauuucauauagucacagauucgauucaggggaauauauggucgaugcaaaaacuacccguucug -3'	obs		
guuauuacguugucuauuuu <u>uacccuguagaaccgaauuugug</u> gauuucauauagucacagauucgauucaggggaauauauggucgaugcaaaaacuacccguucug	exp	reads	sample
.....uuauacccuguagaaccgaauuug.....	.....uuauacccuguagaaccgaauuug.....	1	0 seq
.....uuauacccuguagaaccgaauu.....	.....uuauacccuguagaaccgaauu.....	1	0 seq
.....uCuacccuguagaaccgaauuug.....	.....uCuacccuguagaaccgaauuug.....	2	1 seq
.....uuauacccuguagaaccgaauuug.....	.....uuauacccuguagaaccgaauuug.....	2	0 seq
.....uuauacccuguagaaccgaauu.....	.....uuauacccuguagaaccgaauu.....	5	0 seq
.....Cuacccuguagaaccgaauuug.....	.....Cuacccuguagaaccgaauuug.....	1	1 seq
.....uuauacccuguagaaccgaauuug.....	.....uuauacccuguagaaccgaauuug.....	4	0 seq
.....uuauacccuguagaaccgaauuug.....	.....uuauacccuguagaaccgaauuug.....	64	0 seq
.....uuauacccuguagaaccgaauuugA.....	.....uuauacccuguagaaccgaauuugA.....	2	1 seq
.....Cuacccuguagaaccgaauuug.....	.....Cuacccuguagaaccgaauuug.....	14	1 seq
.....uuauacccuguagaaccgaauuug.....	.....uuauacccuguagaaccgaauuug.....	2	0 seq
.....Cuacccuguagaaccgaauuugug.....	.....Cuacccuguagaaccgaauuugug.....	1	1 seq
.....uuauacccuguagaaccgaauuugug.....	.....uuauacccuguagaaccgaauuugug.....	1	0 seq
.....uuacccuguagUaccgaau.....	.....uuacccuguagUaccgaau.....	1	1 seq
.....uuacccuguagCaccgaau.....	.....uuacccuguagCaccgaau.....	1	1 seq
.....uuacccuguagaaccgaaA.....	.....uuacccuguagaaccgaaA.....	5	1 seq
.....uuacccuguagaaccgaU.....	.....uuacccuguagaaccgaU.....	1	1 seq
.....uuacccuguagaaccgaa.....	.....uuacccuguagaaccgaa.....	78	0 seq
.....uuacccuguagaGccgaau.....	.....uuacccuguagaGccgaau.....	1	1 seq
.....uuacccuguagaaccgaaA.....	.....uuacccuguagaaccgaaA.....	2	1 seq
.....uuacccuguagaaccgaa.....	.....uuacccuguagaaccgaa.....	749	0 seq
.....uuacccugCagaaccgaa.....	.....uuacccugCagaaccgaa.....	1	1 seq
.....uuacccuguagaAaccgaa.....	.....uuacccuguagaAaccgaa.....	1	1 seq
.....uuacccuguagaUcgaa.....	.....uuacccuguagaUcgaa.....	1	1 seq
.....uuacccuguagaaccUaau.....	.....uuacccuguagaaccUaau.....	1	1 seq
.....Gacccuguagaaccgaa.....	.....Gacccuguagaaccgaa.....	2	1 seq
.....uCccuguagaaccgaa.....	.....uCccuguagaaccgaa.....	1	1 seq
.....uaccAuguagaaccgaa.....	.....uaccAuguagaaccgaa.....	1	1 seq
.....uuacccugUgaaccgaa.....	.....uuacccugUgaaccgaa.....	1	1 seq
.....uuacccuguagaaccgCau.....	.....uuacccuguagaaccgCau.....	1	1 seq
.....uuacccuguagaaccUgaa.....	.....uuacccuguagaaccUgaa.....	1	1 seq
.....uuacccuguagaaccgaaU.....	.....uuacccuguagaaccgaaU.....	1	1 seq
.....uuacccuguagaaccAaa.....	.....uuacccuguagaaccAaa.....	2	1 seq

Mature

Star

Sequence	Mature Count	Star Count	Category
guuuuuacguugucuaauauu <u>uacc</u> ccguaga <u>accg</u> aa <u>uuug</u> uguga <u>uuu</u> cau <u>uu</u> agucacagau <u>ucg</u> au <u>cu</u> aggggaa <u>uu</u> auauggucgaugcaaaaa <u>cu</u> accguucug	1	1	seq
.....uacc <u>cc</u> guagaC <u>ccg</u> aa <u>uu</u>	3	1	seq
.....Aacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u>	1	1	seq
.....uacc <u>cc</u> guagaA <u>ccg</u> aa <u>uu</u>	1	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u>	2	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>Au</u>	1	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u>	2	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u>	3420	0	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>Cu</u>	1	1	seq
.....uacc <u>cc</u> guagaG <u>ccg</u> aa <u>uu</u>	1	1	seq
.....uacc <u>cc</u> guA <u>ag</u> aa <u>ccg</u> aa <u>uu</u>	2	1	seq
.....uacc <u>cc</u> guA <u>u</u> aa <u>ccg</u> aa <u>uu</u>	1	1	seq
.....uacc <u>cc</u> guagaA <u>u</u> gaa <u>uu</u>	2	1	seq
.....Cacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u>	2	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> A.....	25	1	seq
.....uacc <u>cc</u> uA <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	2	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> U <u>au</u> uu <u>g</u>	5	1	seq
.....uacc <u>cc</u> A <u>u</u> ga <u>accg</u> aa <u>uu</u> g.....	6	1	seq
.....uacc <u>cc</u> U <u>u</u> ga <u>accg</u> aa <u>uu</u> g.....	2	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	5	1	seq
.....uacc <u>cc</u> guagaG <u>ccg</u> aa <u>uu</u> g.....	2	1	seq
.....uacA <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	1	1	seq
.....uaU <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	1	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	3	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> C <u>u</u> g.....	1	1	seq
.....uacc <u>cc</u> uG <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	6	1	seq
.....uG <u>cc</u> cu <u>u</u> ga <u>accg</u> aa <u>uu</u> g.....	2	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> U.....	45	1	seq
.....uacc <u>cc</u> uG <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	3	1	seq
.....uacc <u>cc</u> guaga <u>acc</u> A <u>au</u> uu <u>g</u>	1	1	seq
.....uacc <u>cc</u> guaga <u>acc</u> C <u>au</u> uu <u>g</u>	2	1	seq
.....uacc <u>cc</u> guA <u>u</u> aa <u>ccg</u> aa <u>uu</u> g.....	1	1	seq
.....uaA <u>cc</u> cu <u>u</u> ga <u>accg</u> aa <u>uu</u> g.....	2	1	seq
.....uacc <u>cc</u> guagaA <u>ccg</u> aa <u>uu</u> g.....	1	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> A <u>uu</u> g.....	3	1	seq
.....uacc <u>cc</u> guaga <u>acc</u> A <u>g</u> aa <u>uu</u> g.....	6	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>Cu</u> g.....	1	1	seq
.....uacc <u>cc</u> guA <u>Ca</u> accgaa <u>uu</u> g.....	2	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> C <u>au</u> uu <u>g</u>	3	1	seq
.....uacc <u>cc</u> A <u>g</u> uaga <u>accg</u> aa <u>uu</u> g.....	1	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> A <u>uu</u> g.....	1	1	seq
.....uacc <u>cc</u> guagaA <u>u</u> gaa <u>uu</u> g.....	6	1	seq
.....Gacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	17	1	seq
.....uacc <u>cc</u> uG <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	6	1	seq
.....uacc <u>cc</u> guagaC <u>ccg</u> aa <u>uu</u> g.....	1	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	15554	0	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> A.....	32	1	seq
.....Cacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	7	1	seq
.....uacc <u>cc</u> guaga <u>acc</u> U <u>g</u> aa <u>uu</u> g.....	7	1	seq
.....Aacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	11	1	seq
.....uacc <u>cc</u> uU <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	2	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> A <u>uu</u> uu <u>g</u>	2	1	seq
.....uacc <u>cc</u> guagU <u>accg</u> aa <u>uu</u> g.....	1	1	seq
.....uacc <u>cc</u> uG <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	26	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> U <u>au</u> uu <u>g</u>	22	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	69	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	52	1	seq
.....uacc <u>cc</u> uCu <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	10	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> A <u>uu</u> uu <u>g</u>	34	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> C <u>au</u> uu <u>g</u>	27	1	seq
.....uU <u>cc</u> cu <u>u</u> ga <u>accg</u> aa <u>uu</u> g.....	9	1	seq
.....uacc <u>cc</u> uA <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	33	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> A <u>u</u>	27	1	seq
.....uacc <u>cc</u> uG <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	11	1	seq
.....uacc <u>cc</u> guaga <u>accg</u> aa <u>uu</u> gC.....	51	1	seq
.....uacG <u>cc</u> guaga <u>accg</u> aa <u>uu</u> g.....	17	1	seq
.....uaA <u>cc</u> cu <u>u</u> ga <u>accg</u> aa <u>uu</u> g.....	47	1	seq
.....uacc <u>cc</u> guagaA <u>ccg</u> aa <u>uu</u> g.....	5	1	seq
.....uacc <u>cc</u> uU <u>u</u> aga <u>accg</u> aa <u>uu</u> g.....	70	1	seq

Mature

Star

Sequence	Count	Score	Type
guuuuacguugucuaauau <u>uacc</u> ccguagaa <u>ccg</u> aa <u>uu</u> gugugauuucauauagucacagauucgauuc <u>uagggg</u> aa <u>uu</u> auauggucgaugcaaaaa <u>cu</u> accguucug	367714	0	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	120	1	seq
.....uaccccguagaa <u>Uc</u> gaa <u>uu</u> gug.....	83	1	seq
.....uaccccugCagaa <u>ccg</u> aa <u>uu</u> gug.....	105	1	seq
.....Caccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	22	1	seq
.....uacUcguagaa <u>ccg</u> aa <u>uu</u> gug.....	290	1	seq
.....Gaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	24	1	seq
.....uaccccguagGaccgaa <u>uu</u> gug.....	14	1	seq
.....uaccccguagCaaccgaa <u>uu</u> gug.....	2	1	seq
.....uaccccguagCgaa <u>ccg</u> aa <u>uu</u> gug.....	9	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	215	1	seq
.....Aaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	20	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	33	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	3	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	14	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	6	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	47	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	15	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	81	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	59	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	8	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	44	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	14	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	7	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	55	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	29	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	110	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	8	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	75	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	10	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	17	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	52	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	48	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	2	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	59	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	75	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	30	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	52	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	3	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	28	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	12	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	119	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	9	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	24	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	32	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	29	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	7	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	2424	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	7	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	235	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	3	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	3	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	7	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	6	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	1	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	1	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	2	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	4	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	1	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	1	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	4	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	7	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	2	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	5	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	5	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	12	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	4	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	3	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	33	1	seq
.....uaccccguagaa <u>ccg</u> aa <u>uu</u> gug.....	3	1	seq

Mature

Star

Sequence	Count	Score	Type
guuauuacguugucuaauau <u>uacccuguaagaccgaa</u> uuugugauuucauauagucacagauucgauuc <u>uagggg</u> aa <u>uuauaug</u> gucgaugcaaaaa <u>cuaccc</u> guucug	8	1	seq
.....uacccuguaagaccgaa <u>uuU</u> ug.....	5	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gCg.....	2	1	seq
.....uacccuguaagaccCaa <u>uuU</u> gug.....	3	1	seq
.....uacccuguaagaccGccgaa <u>uuU</u> gug.....	10	1	seq
.....uacccugCagaa <u>ccgaa</u> uuugug.....	5	1	seq
.....uacccuguaagaccGgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccGaa <u>uuU</u> gug.....	3	1	seq
.....uacccuguaagaccGaa <u>uuU</u> gug.....	1	1	seq
.....uacccuguaagaccUaa <u>uuU</u> gug.....	4	1	seq
.....uacccuguaagaccUgaa <u>uuU</u> gug.....	5	1	seq
.....uacCCGuaagaccgaa <u>uuU</u> gug.....	1	1	seq
.....uacUcuguaagaccgaa <u>uuU</u> gug.....	4	1	seq
.....Gacccuguaagaccgaa <u>uuU</u> gug.....	31	1	seq
.....uacCCGuaagaccgaa <u>uuU</u> gug.....	1	1	seq
.....uacccuAuaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugC.....	24	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	9	1	seq
.....uacGcuguaagaccgaa <u>uuU</u> gug.....	3	1	seq
.....uacccuUuaagaccgaa <u>uuU</u> gug.....	4	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	9	1	seq
.....Cacccuguaagaccgaa <u>uuU</u> gug.....	13	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	36835	0	seq
.....uacccuguaagaccgCaa <u>uuU</u> gug.....	1	1	seq
.....uaUccuguaagaccgaa <u>uuU</u> gug.....	1	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	1	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugA.....	2128	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	10	1	seq
.....Aacccuguaagaccgaa <u>uuU</u> gug.....	22	1	seq
.....uacccugGaga <u>accgaa</u> uuugug.....	4	1	seq
.....uacCCGuaagaccgaa <u>uuU</u> gug.....	6	1	seq
.....uaA <u>ccugua</u> agaccgaa <u>uuU</u> gug.....	1	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	3	1	seq
.....uacccuguaCa <u>accgaa</u> uuugug.....	1	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugU.....	2847	1	seq
.....uacccugAaga <u>accgaa</u> uuugug.....	5	1	seq
.....uacccuguaagaccgUa <u>uuU</u> gug.....	5	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	1	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gCgu.....	7	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugA.....	11242	1	seq
.....uaccA <u>ugua</u> agaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugAgu.....	3	1	seq
.....uacccuUua <u>agaccgaa</u> uuugugu.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugCu.....	5	1	seq
.....uacAc <u>ugua</u> agaccgaa <u>uuU</u> gug.....	3	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugA.....	140	1	seq
.....uacccuguaagaccAa <u>uuU</u> gug.....	1	1	seq
.....uacccuCuaga <u>accgaa</u> uuugugu.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	1	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	8	1	seq
.....uacUc <u>ugua</u> agaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	6	1	seq
.....uacccuguaagaccCaa <u>uuU</u> gug.....	1	1	seq
.....uacccuguaagaa <u>accgaa</u> uuugugu.....	1	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugC.....	68	1	seq
.....uacccuguaagaccAga <u>uuU</u> gug.....	4	1	seq
.....uacccuguaUa <u>accgaa</u> uuugugu.....	7	1	seq
.....uacCCGuaagaccgaa <u>uuU</u> gug.....	1	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gugG.....	2554	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq
.....uacccuguaagaccgaa <u>uuU</u> gug.....	2	1	seq

Mature

Star

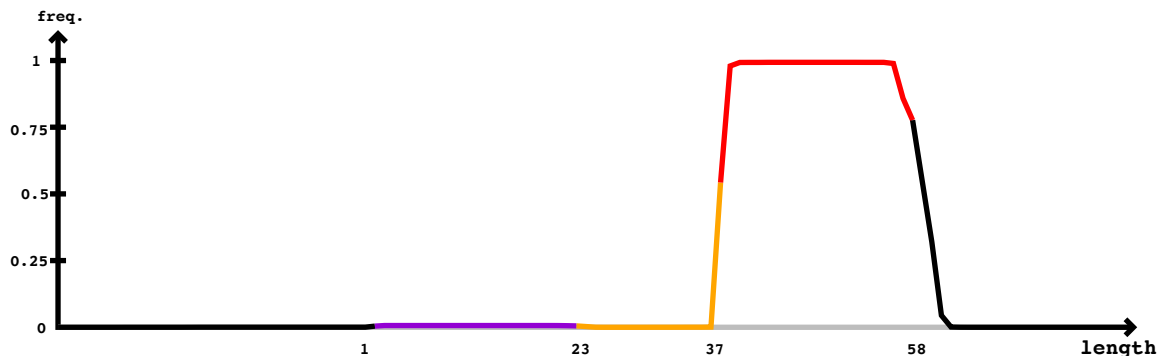
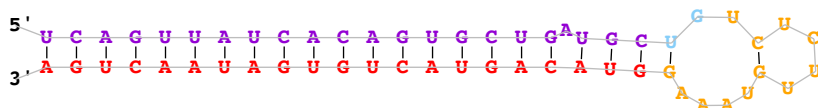
Sequence	Mature Count	Star Count	Status
guuuuacguugucuaauauuacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>au</u> uu <u>ca</u> uu <u>ag</u> uac <u>ag</u> auuc <u>ga</u> uuc <u>ag</u> ggg <u>aa</u> uu <u>au</u> aug <u>uc</u> gaugcaaaaa <u>cu</u> acc <u>gu</u> ucug			
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>Cu</u> ugug <u>u</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>U</u>	149	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>Au</u> ugug <u>u</u>	5	1	seq
.....uacc <u>cc</u> gu <u>G</u> gaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	3	1	seq
.....Gacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	12	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>Gu</u> ugug <u>u</u>	1	1	seq
.....uacc <u>cc</u> gu <u>C</u> agaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	2	1	seq
.....uacc <u>U</u> ugugaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	2	1	seq
.....uacc <u>cc</u> gu <u>A</u> agaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	1	1	seq
.....uacc <u>cc</u> gu <u>U</u> gaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	1	1	seq
.....ua <u>U</u> ccguagaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	3	1	seq
.....uacc <u>cc</u> u <u>A</u> agaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>U</u> aa <u>uu</u> ugug <u>u</u>	1	1	seq
.....uacc <u>cc</u> gu <u>a</u> Caac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ug <u>G</u> g <u>u</u>	18	1	seq
.....uacc <u>cc</u> gu <u>ag</u> Gacc <u>cg</u> aa <u>uu</u> ugug <u>u</u>	2	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> <u>U</u> aa <u>uu</u> ugug <u>u</u>	2	1	seq
.....uacc <u>cc</u> <u>A</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	1	1	seq
..... <u>A</u> acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	9	1	seq
.....uacc <u>cc</u> <u>C</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	2	1	seq
.....uacc <u>cc</u> <u>G</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	17510	0	seq
.....uac <u>G</u> cuagaac <u>cg</u> aa <u>uu</u> ugug <u>u</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>Ag</u>	7	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>g</u>	64	0	seq
.....uacc <u>cc</u> gu <u>aga</u> <u>U</u> ccga <u>uu</u> ugugug <u>g</u>	2	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>uA</u>	39	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>uU</u>	135	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>uC</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>uAa</u>	5	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>uUa</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>uga</u>	64	0	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugugug <u>U</u>	28	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugugug <u>G</u>	5	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugugug <u>au</u>	6	0	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugug <u>uAau</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugugug <u>aua</u>	5	0	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugugug <u>auU</u>	1	1	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugugug <u>auuu</u>	1	0	seq
.....uacc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> ugugug <u>auuucauU</u>	1	1	seq
.....acc <u>cc</u> guaga <u>a</u> <u>U</u> cgaa <u>uu</u>	1	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u>	25	0	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uuu</u>	95	0	seq
.....acc <u>cc</u> guagaac <u>cg</u> <u>U</u> aa <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	253	0	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uuuA</u>	2	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> <u>C</u> guagaac <u>cg</u> aa <u>uu</u> g.....	2	1	seq
.....acc <u>cc</u> gu <u>C</u> agaac <u>cg</u> aa <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	3	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uuuU</u>	2	1	seq
.....acc <u>cc</u> guagaac <u>U</u> ga <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>Cu</u> g.....	2	1	seq
.....acc <u>cc</u> guaga <u>U</u> cgaa <u>uu</u> g.....	4	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g <u>C</u>	1	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	4085	0	seq
.....acc <u>cc</u> guaga <u>A</u> cgaa <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g <u>A</u>	52	1	seq
.....Ccc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> guaga <u>C</u> cgaa <u>uu</u> g.....	6	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	3	1	seq
.....a <u>A</u> cc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	1	1	seq
.....ac <u>U</u> cuagaac <u>cg</u> aa <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	2	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> Cg.....	1	1	seq
.....Gcc <u>cc</u> guagaac <u>cg</u> aa <u>uu</u> g.....	3	1	seq
.....acc <u>cc</u> guagaac <u>cg</u> aa <u>uuu</u> <u>Au</u>	1	1	seq
.....acc <u>cc</u> <u>A</u> guagaac <u>cg</u> aa <u>uu</u> g.....	1	1	seq
.....acc <u>cc</u> gu <u>U</u> aac <u>cg</u> aa <u>uu</u> g.....	1	1	seq

Mature

Star

guuuuacguugucuauauauacc <u>cc</u> guagaaccga <u>aa</u> uu <u>g</u> ugugauuucauauagucacagauucgauucaggggaauauauggucgaugcaaaa <u>cu</u> accguucug			
.....cuguagaaccga <u>aa</u> uu <u>g</u>	6	0	seq
.....cuguagaaccga <u>aa</u> uu <u>g</u>	2	0	seq
..... <u>u</u> guagaaccga <u>aa</u> uu <u>g</u>	1	0	seq
..... <u>u</u> guagaaccga <u>aa</u> uu <u>g</u> G.....	1	1	seq
.....acagauucgauucagggga <u>C</u>	1	1	seq
.....acagauucgauucagggga <u>aa</u>	19	0	seq
.....cagauucgauucagggga <u>aa</u>	1	0	seq
.....cagauucgauucAagggga <u>aa</u>	1	1	seq
.....cagauucgauucagggga <u>aa</u>	8	0	seq
.....cagauucgauucagggga <u>AA</u>	1	1	seq
.....cagauucgauucagggga <u>aa</u> a.....	2	0	seq
.....cagauucgauucagggga <u>aa</u> U.....	3	1	seq
.....agauucgauucagggga <u>U</u>	4	1	seq
.....agauucgauucagggga <u>aa</u>	1	0	seq
.....agauucgauucagggga <u>aa</u>	38	0	seq
.....agauucgauucagggga <u>AA</u>	6	1	seq
.....agauucgauucagggga <u>aa</u> U.....	1	1	seq
.....agauucgauucagggga <u>aa</u> a.....	2	0	seq
.....agauucgauucagggga <u>aa</u> u.....	3	0	seq

Provisional ID : mun-miR-101
 Score total : 5.5
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 48834
 Mature read count : 48517
 Loop read count : 0
 Star read count : 317



Star Mature

5' -	obs	mm	sample
ggggccgcagugacugacaggcugcccuggcucaguuauacacagugcugaugcugucucuuguuaaagguacagacuugugauaacugaaggauggcagccaucugagcuu	reads	mm	sample
ggggccgcagugacugacaggcugcccuggcucaguuauacacagugcugaugcugucucuuguuaaagguacagacuugugauaacugaaggauggcagccaucugagcuu	1	0	seq
.....cgcgagugacugacaggcugcccuggc.....	1	0	seq
.....cgcgagugacugacaggcugcccuggc.....	1	0	seq
.....ugacugacaggcugcccuggc.....	2	0	seq
.....ugacugacaggcugcccuggc.....	1	0	seq
.....gacugacaggcugcccuggc.....	1	0	seq
.....acugacaggcugcccuggc.....	1	0	seq
.....acugacaggcugcccuggc.....	2	0	seq
.....cugacaggcugcccuggc.....	5	0	seq
.....ucaguuaucacagugcug.....	2	0	seq
.....ucaguuaucacagugcuga.....	5	0	seq
.....ucaguuaucacagugcugau.....	15	0	seq
.....ucaguuaucacagugcugaug.....	22	0	seq
.....ucaguuaucacagugcugauA.....	6	1	seq
.....Gcaguuaucacagugcugaug.....	1	1	seq
.....ucaguuaucacagugcugaugA.....	1	1	seq
.....ucaguuaucacagugcugaugU.....	1	1	seq
.....ucaguuaucacagugcugaugc.....	116	0	seq
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.....ucaguuaucacagugcugaugcuU.....	1	1	seq
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.....caguuaucacagugcugaugU.....	3	1	seq
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.....caguuaucacagugcugaugcug.....	5	0	seq
.....caguuaucacagugcugaugcuU.....	2	1	seq
.....uuauacacagugcugaugcugucucuuguuaaagg.....	1	0	seq
.....uguaaagguacagacuugugau.....	2	0	seq
.....uguaaagguacagacuugugauacu.....	1	0	seq

Star

Mature

ggggccgcagugacugacagcugcccgucacaguuacacagucugaugcugucucuuguuaaggguacagucuguaaacugaaggauccagccaucugagcuu

.....uguaaaggguacagucuguguaaacugaag.....	1	0	seq
.....uaaaggguacagucuguguaaac.....	2	0	seq
.....aaaggguacagucuguguaaacu.....	1	0	seq
.....aaggguacagucuguguaaacu.....	5	0	seq
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.....guacagucuguguaaacG.....	11	1	seq
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.....Auacagucuguguaaacu.....	3	1	seq
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.....Auacagucuguguaaacug.....	4	1	seq
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.....guacagucUuguaaacug.....	1	1	seq
.....guacagucuguguaaacu.....	1	1	seq
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.....guacagucuguguaaacug.....	2	1	seq
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.....Cuacagucuguguaaacug.....	3	1	seq
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.....guUcagucuguguaaacug.....	1	1	seq
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.....guacagucuguguaaacGg.....	9	1	seq
.....guacagucuguguaaacugU.....	581	1	seq
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.....guacagucugCguaaacuga.....	1	1	seq
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.....guacagucugugCaacuga.....	2	1	seq
.....guacagucuguguaaacuUa.....	1	1	seq
.....guacagucuguguaaacuga.....	2	1	seq

Star

Mature

ggggccgcagugacugacagcugcccuggucaguuauacagugcugaugcugucucuuguuaaggguacagucugugauaacugaaggauggcagccaucugagcuu

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.....guacaguacugugGuaacuga.....	1	1	seq
.....guacagAACugugauaacuga.....	2	1	seq
.....guacagCacugugauaacuga.....	5	1	seq
.....guacaguacAgugauaacuga.....	2	1	seq
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.....guacaguacuAugauaacuga.....	1	1	seq
.....guacaguacugugauaacAga.....	1	1	seq
.....Uuacaguacugugauaacuga.....	1	1	seq
.....Auacaguacugugauaacuga.....	5	1	seq
.....guacaguacugugauaacugG.....	75	1	seq
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.....guacaguacugugauaacCga.....	1	1	seq
.....guacaguacuUugauaacuga.....	2	1	seq
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.....guacaguacCgugauaacuga.....	3	1	seq
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.....Auacaguacugugauaacugaa.....	3	1	seq
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.....uacagCacugugauaacug.....	1	1	seq
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.....Aacaguacugugauaacuga.....	3	1	seq
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.....uacagGacugugauaacuga.....	1	1	seq
.....uacaguacugugauaGcuga.....	2	1	seq
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Star

Mature

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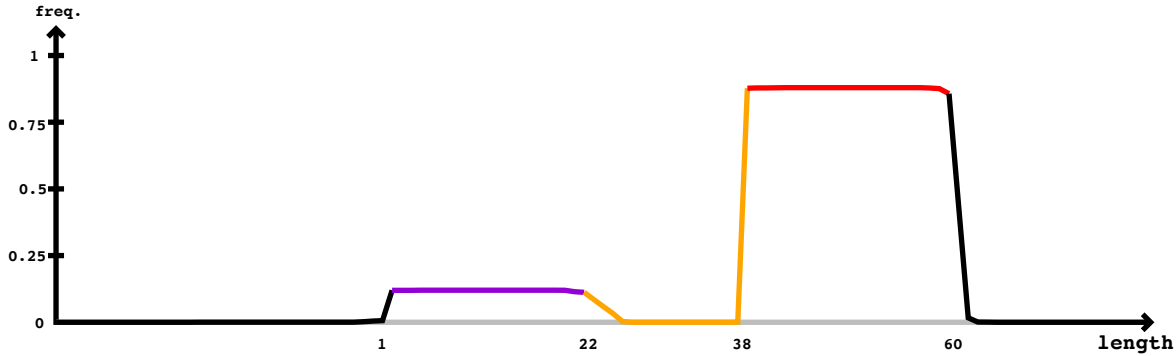
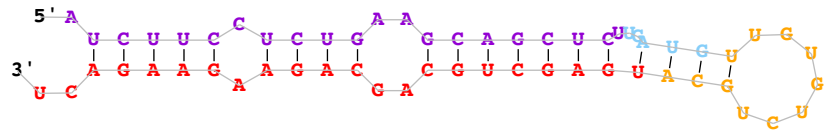
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.....uacaguacugugauaacugC.....	1	1	seq
.....uacaguacuAugauaacuga.....	1	1	seq
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.....uacagAacugugauaacuga.....	2	1	seq
.....uacaguacugugUuaacuga.....	2	1	seq
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.....uacaCuacugugauaacuga.....	1	1	seq
.....uacGguacugugauaacuga.....	1	1	seq
.....uaAaguacugugauaacuga.....	1	1	seq
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.....uacaguacugugauaacGga.....	1	1	seq
.....uacaguacugugauaacugG.....	17	1	seq
.....Gacaguacugugauaacuga.....	1	1	seq
.....uacaguacugugauaGcugaa.....	2	1	seq
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.....uacaguacuCugauaacugaa.....	1	1	seq
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.....uacaguacugugauaacugaagC.....	35	1	seq
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.....uacaguacugugauaacugaagga.....	1	0	seq
.....uacaguacugugauaacugaagUa.....	11	1	seq
.....uacaguacugugauaacugaagUau.....	1	1	seq

Star

Mature

ggggccgcagugacugacagcugcccgccuggcucaguuaucaacagugcugaugcugucucuuuaaagguacaguacugugauaacugaaggauaggcagccaucugagcuu			
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.....acaguacugugauaacugU.....	1	1	seq
.....acaguacugugauaacugaC.....	2	1	seq
.....acaguacugugauaacugaa.....	36	0	seq
.....acaguAacugugauaacugaa.....	1	1	seq
.....acaguacugugauaacugaaA.....	26	1	seq
.....acaguacugugauaaUugaag.....	1	1	seq
.....acaguacugugauaacugaaU.....	42	1	seq
.....acaguacugugauaacugaaC.....	4	1	seq
.....acaguacugugauaacugaag.....	131	0	seq
.....acaguacugugauaacugaagU.....	359	1	seq
.....acaguacugugauaacugaagg.....	3	0	seq
.....acaguacugugauaacugaagC.....	3	1	seq
.....acaguacugugauaacugaagUa.....	20	1	seq
.....acaguacugugauaacugaagUau.....	5	1	seq
.....caguacugugauaacugaa.....	1	0	seq
.....caguacugugauaacugaaU.....	1	1	seq
.....caguacugugauaacugaaA.....	2	1	seq
.....caguacugugauaacugaag.....	1	0	seq
.....caguacugugauaacugaagU.....	3	1	seq
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Provisional ID : mun-novel53
 Score total : 1913
 Score for star read(s) : 3.9
 Score for read counts : 1902.3
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 3743
 Mature read count : 3307
 Loop read count : 0
 Star read count : 436



Star **Mature**

5' -	-3'	obs	exp	reads	mm	sample
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uucagagcacacugugcagacuuaaaugugagg <u>aucuuccucugaagcagcucu</u> ug <u>auguugugucugcaugagcugcagcagagaagaagacu</u> cucacauuuagacuuuc						
..... (((((.....)))....((((((((((((.....((((((.....((((((.....((((.....)))))))))))))))))).....))))).....)).....						
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.....aggauccuuccucugaagcagcuc.....		6	0	6	0	seq
.....aggauccuuccucugaagcagcuU.....		1	1	1	1	seq
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.....aucuuccucugaagcagcucuU.....		1	1	1	1	seq
.....uuccucugaagcagcucuuga.....		1	0	1	0	seq
.....uuccucugaagcagcucuuga.....		1	0	1	0	seq
.....Cugagcugcagcagagaagacu.....		2	1	2	1	seq
.....ugagcugcagcagagaagU.....		1	1	1	1	seq
.....ugagcugcagcagagaag.....		4	0	4	0	seq
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Star

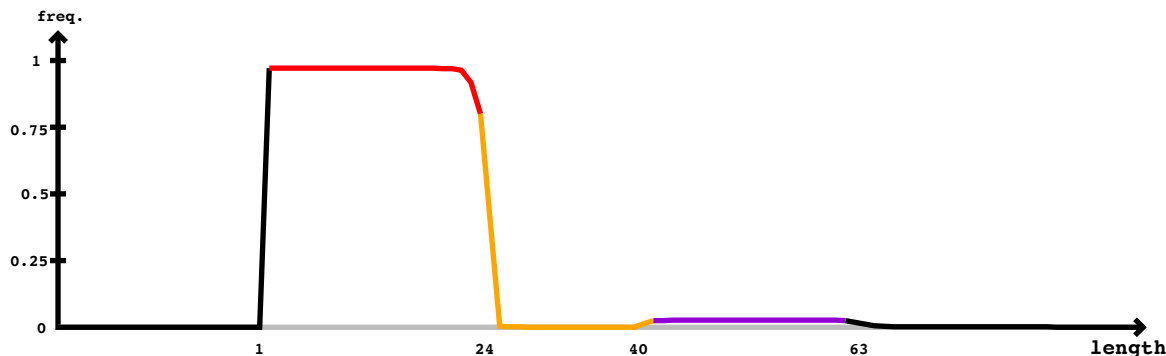
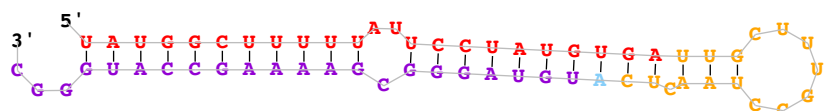
Mature

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.....ugagcugcagcagaagaGgac.....	2	1	seq
.....ugagcugcGgcagaagaagac.....	2	1	seq
.....ugagcugcagAagaagaagacu.....	1	1	seq
.....ugagcugcagcagaagaagacG.....	11	1	seq
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.....ugagcugcagcagaagaagacA.....	12	1	seq
.....ugagcugcagUagaagaagacu.....	1	1	seq
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.....ugagcugcagcagaagaGgacuc.....	3	1	seq
.....Agagcugcagcagaagaagacuc.....	1	1	seq
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.....gagcugcagcagaagaagacuc.....	1	0	seq
.....gcugcagcagaagaagacuc.....	1	0	seq
.....gcugcagcagaagaagacucuc.....	1	0	seq
.....cugcagcagaagaagacucU.....	2	1	seq

```

Provisional ID    : mun-miR-135b
Score total      : 271.9
Score for star read(s) : 3.9
Score for read counts : 261.2
Score for mfe    : 2.2
Score for randfold : 1.6
Score for cons. seed : 3
Total read count : 524
Mature read count : 510
Loop read count  : 0
Star read count  : 14

```

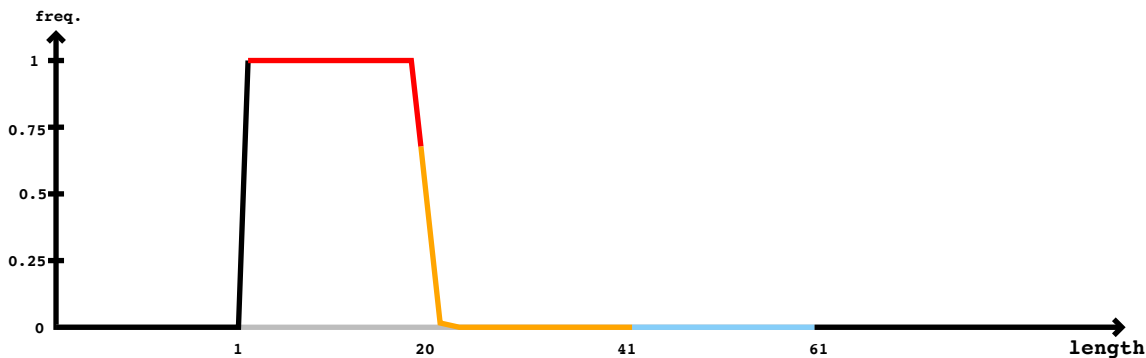
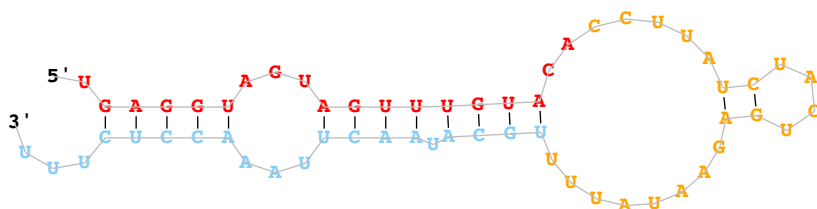


Mature

Star

5' -	3'	obs	mm	sample
guaagccucugcugugguc <u>uauggcuuuuuauuccuaugugaauugcuuugccuaacuc</u> auguagggcgaaaagccaugggc	gucacacagaggggacugcaccuuccagg	reads	exp	
guaagccucugcugugguc <u>uauggcuuuuuauuccuaugugaauugcuuugccuaacuc</u> auguagggcgaaaagccaugggc	gucacacagaggggacugcaccuuccagg	1	0	seq
..... <u>uauggcuuuuuauuccua</u>		3	0	seq
..... <u>uauggcuuuuuauuccuaug</u>		24	0	seq
..... <u>uauggcuuuuuauuccuaugu</u>		1	1	seq
..... <u>uauggcuuuuuauuccuaugug</u>		59	0	seq
..... <u>uauggcuuuuuauuccuauguA</u>		2	1	seq
..... <u>uauggcuuuuuauuccuauguAa</u>		2	1	seq
..... <u>uauggcuuuuuauuccuaCguga</u>		1	1	seq
..... <u>uauggcuuuuuauuccuauguga</u>		316	0	seq
..... <u>uauggcuuuuuauuccuaugugG</u>		25	1	seq
..... <u>uauggcuuuuuauuccuaugugU</u>		41	1	seq
..... <u>uauggcuuuuuauucUauguga</u>		3	1	seq
..... <u>uauggcuuuuuauuccuaugugC</u>		1	1	seq
..... <u>uauggcuuuuuauuccuaugugaC</u>		3	1	seq
..... <u>uauggcuuuuuauuccuaugugaA</u>		9	1	seq
..... <u>uauggcuuuuuauuccuaugugau</u>		16	0	seq
..... <u>uauggcuuuuuauuccuaugugUu</u>		1	1	seq
..... <u>uauggcuuuuuauuccuaugugaAu</u>		1	1	seq
..... <u>uauggcuuuuuauuccuaugugaugU</u>		1	1	seq
..... <u>auguagggcgaaaagccauggg</u>		1	0	seq
..... <u>auguagggcgaaaagccaugggc</u>		1	0	seq
..... <u>auguagggcgaaaagccaugggU</u>		3	1	seq
..... <u>auguagggcgaaaagccaugggUu</u>		2	1	seq
..... <u>uguagggcgaaaagccaugggU</u>		4	1	seq
..... <u>uguagggcgaaaagccaugggc</u>		1	0	seq
..... <u>uguagggcgaaaagccaugggcuU</u>		1	1	seq
..... <u>uagggcgaaaagccaugggcuaU</u>		1	1	seq
..... <u>cuacacagaggggacugca</u>		1	0	seq

Provisional ID : mun-let-7g-2
 Score total : 1.3
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : -1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 124
 Mature read count : 124
 Loop read count : 0
 Star read count : 0

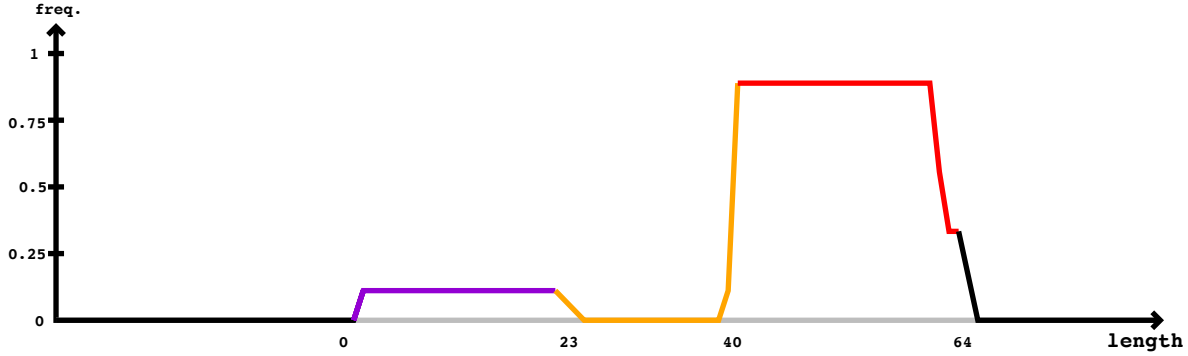
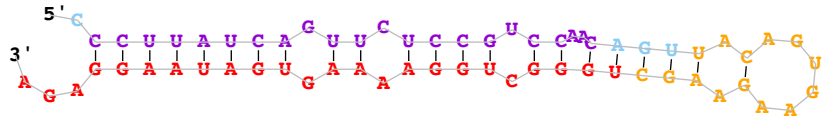


Mature

Star

5' -	reads	mm	sample
agaaaauagauugcguu ugagguaguaguuuuguacaccuuauacuagagaaauuuugcauaacuuaaccucuuu cugcaauuuuuuuuguuaccuguccgcaca	40	0	seq
.....ugagguaguaguuuuguac.....	1	1	seq
.....ugagguaguaguuuuguacU.....	1	1	seq
.....ugagguaguaguuuuguacG.....	74	0	seq
.....ugagguaguaguuuuguaca.....	3	1	seq
.....ugagguaguaguuuuguacaU.....	3	1	seq
.....ugagguaguaguuuuguacaA.....	1	1	seq
.....ugagguaguaguuuuguacaGc.....	1	1	seq
.....ugagguaguaguuuuguacacUu.....	1	1	seq

Provisional ID : mun-miR-184
 Score total : 5.2
 Score for star read(s) : 3.9
 Score for read counts : -1.3
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 9
 Mature read count : 8
 Loop read count : 0
 Star read count : 1



Star

Mature

5'	3'	obs	exp	reads	mm	sample
gccaggacgaugcucgugccucgcgauacccuuuacaguucuccguccaacaguuaacagugaagaagcugggcuggaaaagugauaaggagauagagagcggccucaggagac	gccaggacgaugcucgugccucgcgauacccuuuacaguucuccguccaacaguuaacagugaagaagcugggcuggaaaagugauaaggagauagagagcggccucaggagac			1	0	seq
.....ccuuuacaguucuccguccaac.....	.....cugggcuggaaaagugauaagU.....			1	1	seq
.....ugggcuggaaaagugauaagg.....	.....ugggcuggaaaagugauaagg.....			2	0	seq
.....ugggcuggaaaagugauaagg.....	.....ugggcuggaaaagugauaagg.....			2	0	seq
.....ugggcuggaaaagugauaaggU.....	.....ugggcuggaaaagugauaaggU.....			3	1	seq

Mature

Star

ggcuguaccauccugcggauagcuuuacagacugaugGuga	1	1	seq
..... auagcuuuacagacugaugCuga	1	1	seq
..... auagcuuuacagacugaugCuga	1	1	seq
..... auagcuuuacagGcugauguuga	1	1	seq
..... Guagcuuuacagacugauguuga	4	1	seq
..... auagcuuuAagacugauguuga	2	1	seq
..... Cuagcuuuacagacugauguuga	2	1	seq
..... auagcuuuUagacugauguuga	1	1	seq
..... auagcuuuacagacugauguuAa	1	1	seq
..... auagcuuuacagacAgaugauguuga	1	1	seq
..... auagcuuuacagacugGuguuga	1	1	seq
..... auagcuuuacagacUauguuga	1	1	seq
..... auagcuuuacagacugauguugG	12	1	seq
..... auagcuuuacagacugauguugU	68	1	seq
..... auagcuuuacagGugauguuga	1	1	seq
..... auagcuuuacagacugaugAuga	1	1	seq
..... auagcuuuacagacugauguugC	3	1	seq
..... aAagcuuuacagacugauguuga	1	1	seq
..... auagcuuuacagacugauguugCgac	1	1	seq
..... auagcuuuacagacugauguugG	1	1	seq
..... Cuagcuuuacagacugauguugac	2	1	seq
..... auagcuuuacagacugauguugac	439	0	seq
..... auagcuuuacagacugauguugaA	34	1	seq
..... auagcuuuacagacugauguugaU	27	1	seq
..... auagcuuuacagacugauguugacA	35	1	seq
..... Guagcuuuacagacugauguugacu	1	1	seq
..... aAagcuuuacagacugauguugacu	1	1	seq
..... auagcuuuacagacugauguugacG	3	1	seq
..... auagcuuuacagacugauguugaAu	2	1	seq
..... auagUuuuacagacugauguugacu	1	1	seq
..... auagcuuuacacacugauguugacu	1	1	seq
..... Cuagcuuuacagacugauguugacu	4	1	seq
..... auagcuuuacagacugauguugacC	444	1	seq
..... auagcuuuacagacugauguugacu	776	0	seq
..... auagcuuuacagacugauguugacuA	1	1	seq
..... auagcuuuacagacugauguugacugauguugacugc	2	0	seq
..... uagcuuuacagacugauA	12	1	seq
..... uagcuuuacagacugUug	1	1	seq
..... uagcuuuacagacugauU	1	1	seq
..... uagcuuuacagacugaug	64	0	seq
..... uagcuuuacagacugaugC	1	1	seq
..... uagcuuuacacUacugaugu	1	1	seq
..... uagcuuuacagacugaugu	376	0	seq
..... uagcuuuacagacugaugA	4	1	seq
..... uagcuuuacagacugUugu	1	1	seq
..... uagcuuuacacAacugaugu	1	1	seq
..... uagcuuuacagacugaugG	1	1	seq
..... uagcuuuUagacugauguu	1	1	seq
..... uagcuuuacagacUugauguu	2	1	seq
..... uagcuuuacagacAugauguu	2	1	seq
..... uagcuuuacagacugauguu	774	0	seq
..... uagcuuuacagacugauguu	1	1	seq
..... uCgcuuuacagacugauguu	1	1	seq
..... uagcuuuacagacugauCuu	1	1	seq
..... uagcuuuacagacugauguA	3	1	seq
..... Aagcuuuacagacugauguu	1	1	seq
..... uaUcuuuacagacugauguu	1	1	seq
..... uagcuuuacagacugaugGu	1	1	seq
..... uagcuuuacUgacugauguu	1	1	seq
..... uagcuuuacagacugauguuA	46	1	seq
..... uCgcuuuacagacugauguug	1	1	seq
..... uagcuuuacagacugaugAug	1	1	seq
..... uagcuuuAagacugauguug	3	1	seq
..... uagcuuuacagacuAauguug	1	1	seq
..... uagcuuuacagacugaAuguug	3	1	seq
..... uagcuuuacCagacugauguug	2	1	seq
..... Aagcuuuacagacugauguug	3	1	seq
..... uagcuuuacagacGauguug	1	1	seq
..... uGgcuuuacagacugauguug	1	1	seq
..... uagcuuuGucagacugauguug	1	1	seq
..... Gagcuuuacagacugauguug	10	1	seq

Mature

Star

ggcuguaccauccugcggauagcuuuacagacugauguagcuguggaucucauggcaacaacagucggaggcugucugacauuuuugguaucuuuacugaccguuug

.....uagAuuaucagacugauguug.....	1	1	seq
.....uagcuuuacagacugGuguug.....	2	1	seq
.....uagcuuuacagacugaCguug.....	1	1	seq
.....uagcuuuacagacCgauguug.....	1	1	seq
.....uagcuuuacagacugauguug.....	8109	0	seq
.....uagcuuuacagacugauguugCg.....	1	1	seq
.....uagcuuuacagauUgauguug.....	7	1	seq
.....uagcuuuacagacugauguGg.....	3	1	seq
.....Cagcuuuacagacugauguug.....	4	1	seq
.....uagcuuuacagacugauUuug.....	3	1	seq
.....uagcuuuacUgacugauguug.....	3	1	seq
.....uagcuuuacagacugaugCug.....	2	1	seq
.....uagcuuuacagacugaGguug.....	1	1	seq
.....uagcuuuacagacugauAuug.....	3	1	seq
.....uagcuuuUagacugauguug.....	2	1	seq
.....uagcuuuacagacugauguuU.....	8	1	seq
.....uagcuuuaucaUacugauguug.....	1	1	seq
.....uaUcuuuacagacugauguug.....	3	1	seq
.....uagcuuuacagacuCauguug.....	2	1	seq
.....uagcuuuacagacugaugGug.....	1	1	seq
.....uagcuuuacagacugaugGuga.....	4	1	seq
.....uagcuuuacagacCgauguuga.....	5	1	seq
.....uagcuuuacagacugauguugC.....	3	1	seq
.....uagcuuuacagacugauguuga.....	6	1	seq
.....uagcCuacagacugauguuga.....	7	1	seq
.....uagcuuuacagacugauguuUa.....	5	1	seq
.....uagcuuuacagacugaugCuga.....	5	1	seq
.....Cagcuuuacagacugauguuga.....	10	1	seq
.....uagcuuuacagacGgauguuga.....	2	1	seq
.....uagcuuuacagacugaugAuga.....	5	1	seq
.....uagcuuuacagauAugauguuga.....	5	1	seq
.....uagcuGaucagacugauguuga.....	1	1	seq
.....uagcuuCucagacugauguuga.....	1	1	seq
.....uagcuuuacUgacugauguuga.....	1	1	seq
.....uagcuuuacagacugaGguuga.....	1	1	seq
.....uGgcuuuacagacugauguuga.....	2	1	seq
.....uagcuuuAacagacugauguuga.....	4	1	seq
.....uagUuuuacagacugauguuga.....	2	1	seq
.....uagcuuuacagacugauguAga.....	2	1	seq
.....uagcuuuacagauUgauguuga.....	2	1	seq
.....Aagcuuuacagacugauguuga.....	29	1	seq
.....uagcAuacagacugauguuga.....	2	1	seq
.....uagcuuuAagacugauguuga.....	7	1	seq
.....uagcuuuaucaAacugauguuga.....	1	1	seq
.....uaUcuuuacagacugauguuga.....	11	1	seq
.....uagcuuuacGgacugauguuga.....	4	1	seq
.....uagcuuuauGagacugauguuga.....	1	1	seq
.....uagcuuuacagCcuugauguuga.....	1	1	seq
.....uagAuuaucagacugauguuga.....	4	1	seq
.....uagcuuuagCagacugauguuga.....	1	1	seq
.....uagcuuuacagacugauAuuga.....	4	1	seq
.....uUgcuuacagacugauguuga.....	4	1	seq
.....uagcuuuacagacuuAuguuga.....	10	1	seq
.....uagcuuuacagacugauCuuga.....	4	1	seq
.....uagcuuuacagacugaAguuga.....	4	1	seq
.....uagcuuuacagauGugauguuga.....	2	1	seq
.....uagcuuuauUagacugauguuga.....	13	1	seq
.....uagcuCaucagacugauguuga.....	1	1	seq
.....uagcuuuacagacugUguuga.....	2	1	seq
.....uagcuuuacagacugauUuuga.....	7	1	seq
.....Gagcuuuacagacugauguuga.....	22	1	seq
.....uagcuuuacagacuCauguuga.....	5	1	seq
.....uagcuuuacagacugauguuAa.....	8	1	seq
.....uagcuuuacagacAgauguuga.....	2	1	seq
.....uagcuuuacagacugaCguuga.....	7	1	seq
.....uaAcuuuacagacugauguuga.....	3	1	seq
.....uagcuuuacagacugauguCga.....	1	1	seq
.....uagcuuuacagacugauguU.....	102	1	seq
.....uagcuuuGucagacugauguuga.....	3	1	seq
.....uagcuuuacagacuAauguuga.....	1	1	seq

Mature

Star

ggcuguaccuccugcggauagcuuauacagacugauguagcuuuggcaucauggcaacaacagcggaggcugucugacauuuuugguaucuuuacucugaccguuug

.....uagcuuauacagUcugauguuga.....	2	1	seq
.....uagcuuaucaCacugauguuga.....	2	1	seq
.....uaCcuuauacagacugauguuga.....	1	1	seq
.....uagcuuauacagacugauguugG.....	127	1	seq
.....uagcuuUucagacugauguuga.....	2	1	seq
.....uagcuuaucaUacugauguuga.....	6	1	seq
.....uagcuuauacagacugGuguuga.....	5	1	seq
.....uagcuuauacagacugauguuga.....	39587	0	seq
.....uagcuuauacCgacugauguuga.....	3	1	seq
.....uagcuuauacagGcugauguugac.....	1	1	seq
.....uagcuuUucagacugauguugac.....	1	1	seq
.....uagcuuauacagacugauguugac.....	16005	0	seq
.....uUgcuuauacagacugauguugac.....	3	1	seq
.....uagcuuauacagacugauguuAac.....	1	1	seq
.....uGgcuuauacagacugauguugac.....	1	1	seq
.....uagcuuauacagCcugauguugac.....	1	1	seq
.....uagcuuauacagacuCauguugac.....	3	1	seq
.....uagcuuaucaCacugauguugac.....	1	1	seq
.....uagcuuauacagacugUuguugac.....	1	1	seq
.....uaUcuuauacagacugauguugac.....	4	1	seq
.....uagcuuauacagacugauguugUc.....	4	1	seq
.....uagcuuauacagacugauUuuugac.....	4	1	seq
.....Aagcuuauacagacugauguugac.....	10	1	seq
.....uagcuuauacagacugauguugaA.....	804	1	seq
.....uagcuuauacagacugCuguugac.....	2	1	seq
.....uagcuuauacagacugauguuCac.....	2	1	seq
.....uagcuuauacagacugauguugGc.....	5	1	seq
.....uaAcuuauacagacugauguugac.....	1	1	seq
.....uagcuuauacagacugauCuugac.....	1	1	seq
.....uagcuuauacagacuUauguugac.....	4	1	seq
.....uagUuuauacagacugauguugac.....	1	1	seq
.....uagcuuauacagacugauguugaU.....	211	1	seq
.....uagcuuauAcagacugauguugac.....	2	1	seq
.....uagcuuauacagaUugauguugac.....	1	1	seq
.....uagcuuauacagacugaAguugac.....	1	1	seq
.....uagcuuGucagacugauguugac.....	4	1	seq
.....Cagcuuauacagacugauguugac.....	6	1	seq
.....uagAuuauacagacugauguugac.....	1	1	seq
.....uagcuuauUagacugauguugac.....	4	1	seq
.....uagcuuauacagaUugauguugac.....	3	1	seq
.....uagcuuaucaUacugauguugac.....	6	1	seq
.....uagcuuauacagacugaugCugac.....	1	1	seq
.....uagcuuauacagacugGuguugac.....	2	1	seq
.....uagcuuauAagacugauguugac.....	3	1	seq
.....uagcuuauacagUcugauguugac.....	1	1	seq
.....uagcuuauacagacugaugAugac.....	1	1	seq
.....uagcuuauacUgacugauguugac.....	1	1	seq
.....uagcuuauacGgacugauguugac.....	3	1	seq
.....uagcuuauacagacCgauguugac.....	2	1	seq
.....uagcuuauacagacugauguuUac.....	1	1	seq
.....uagcCuauacagacugauguugac.....	2	1	seq
.....uagcuuauacagacugauguugaG.....	7	1	seq
.....uagcuuauacagacugaGguugac.....	1	1	seq
.....Gagcuuauacagacugauguugac.....	7	1	seq
.....Cagcuuauacagacugauguugacu.....	8	1	seq
.....uagcuuauacagacuUauguugacu.....	2	1	seq
.....uagcuuauacagacGgauguugacu.....	1	1	seq
.....uagcuuauacagacugauguGgacu.....	1	1	seq
.....uagcuuauacCgacugauguugacu.....	1	1	seq
.....uagcuuauacagacugGuguugacu.....	1	1	seq
.....uagcuuauacagacugauUuuugacu.....	9	1	seq
.....uagcuuauacagacugaGguugacu.....	1	1	seq
.....uagcuuauacagacugauguugUcu.....	2	1	seq
.....uagcuuauacagacugaAguugacu.....	2	1	seq
.....uagcuuauacagacugauguugacC.....	5630	1	seq
.....uagcuCaucagacugauguugacu.....	7	1	seq
.....Gagcuuauacagacugauguugacu.....	12	1	seq
.....uagcuuauacagacuCauguugacu.....	1	1	seq
.....uagcuuauacagGcugauguugacu.....	3	1	seq
.....uagcuuauacagacugauguugaUu.....	12	1	seq

Mature

Star

ggcuguaccauccugucgga	uagcuuuacagacugauguagcuguuggaucucauggcaacaacagucgguaggcugucugacauuuugguaucuuuacugaccguuug			
.....	.....uagcuuuacagacugaucCuugacu.....	5	1	seq
.....	.....uagcuuuacagacugauguuAacu.....	1	1	seq
.....	.....uagcuuuacagacuUugauguugacu.....	5	1	seq
.....	.....uagcuuUucagacugauguugacu.....	1	1	seq
.....	.....uagcuuuacagacugauguCgacu.....	2	1	seq
.....	.....uagcuuuacagacugauguAgacu.....	3	1	seq
.....	.....uagcuuauAagacugauguugacu.....	3	1	seq
.....	.....uagcuuuacUgacugauguugacu.....	1	1	seq
.....	.....uaUcuuuacagacugauguugacu.....	4	1	seq
.....	.....uagcuuuacagacugauguugGcu.....	4	1	seq
.....	.....uagcuuuacagacAgauguugacu.....	1	1	seq
.....	.....uagcCuacagacugauguugacu.....	4	1	seq
.....	.....Aagcuuuacagacugauguugacu.....	20	1	seq
.....	.....uagcuuuacagacugaugGugacu.....	2	1	seq
.....	.....uagcuuuacagacugauguUacu.....	3	1	seq
.....	.....uagcuuuacagacuAaugauguugacu.....	6	1	seq
.....	.....uagcuuuacagacugauguugacu.....	27917	0	seq
.....	.....uagcuuuacagacugaugCugacu.....	4	1	seq
.....	.....uagUuuuacagacugauguugacu.....	2	1	seq
.....	.....uagcuuuacagacuAauguugacu.....	3	1	seq
.....	.....uagcuuuacGgacugauguugacu.....	1	1	seq
.....	.....uagcuuauUagacugauguugacu.....	4	1	seq
.....	.....uagcuuGucagacugauguugacu.....	1	1	seq
.....	.....uagcuuuacCaCugauguugacu.....	2	1	seq
.....	.....uagcuuuacagacugauguuCaCu.....	2	1	seq
.....	.....uagcuuuacagacCgauguugacu.....	3	1	seq
.....	.....uagcuuuacagacugauguugaGu.....	3	1	seq
.....	.....uagcuuuacagacugauguugacu.....	1	1	seq
.....	.....uagcuuuacagacugaCguugacu.....	3	1	seq
.....	.....uagcuuuacagacugaAuugacu.....	2	1	seq
.....	.....uagAuuuacagacugauguugacu.....	5	1	seq
.....	.....uagcuuuaucaUacugauguugacu.....	6	1	seq
.....	.....uagcuuuacagacugauguugaAu.....	11	1	seq
.....	.....uagcuAaucagacugauguugacu.....	2	1	seq
.....	.....uagcuuuacagacugauguugacG.....	180	1	seq
.....	.....uagcuuuacagacugaugAugacu.....	2	1	seq
.....	.....uGgcuuuacagacugauguugacu.....	1	1	seq
.....	.....uagcuuuacagCcuugauguugacu.....	2	1	seq
.....	.....uagcuuuacagacugauguugacA.....	2474	1	seq
.....	.....uagcuuuacagacugauguugacuA.....	2	1	seq
.....	.....uagcuuuacagacugauguugacuU.....	11	1	seq
.....	.....uagcuuuacagacugauguugacuUu.....	2	1	seq
.....	.....uagcuuuacagacugauguugacugcu.....	2	0	seq
.....	.....uagcuuuacagacugauguugacuguu.....	3	0	seq
.....	.....uagcuuuacagacugauguugacuguuugg.....	2	0	seq
.....	.....uagcuuuacagacugauguugacuguuuggaucu.....	1	0	seq
.....	.....uagcuuuacagacugauguugacuguuuggaucucauggc.....	1	0	seq
.....	.....agcuuuacagacugauguug.....	1	0	seq
.....	.....agcuuuacagacugauguuga.....	2	0	seq
.....	.....agcuuuacagacugauguugacu.....	3	0	seq
.....	.....agcuuuacagacugauguugacC.....	1	1	seq
.....	.....gcuuacagacugauguugacu.....	1	0	seq
.....	.....gcuuacagacugauguugacC.....	1	1	seq
.....	.....cuuacagacugauguugacu.....	1	0	seq
.....	.....uuuacagacugauguuga.....	4	0	seq
.....	.....uuuacagacugauguugac.....	1	0	seq
.....	.....uuuacagacugauguugaA.....	1	1	seq
.....	.....uuuacagacugauguugacC.....	1	1	seq
.....	.....uuuacagacugauguugacA.....	1	1	seq
.....	.....uuuacagacugauguugacu.....	1	0	seq
.....	.....uuacagacugauguugac.....	4	0	seq
.....	.....uuacagacugauguugacu.....	1	0	seq
.....	.....uacagacugauguugacuguu.....	1	0	seq
.....	.....gacugauguugacuguuuggaucucauggU.....	1	1	seq
.....	.....acuguuggaucucauggca.....	3	0	seq
.....	.....acuguuggaucucauggcaU.....	1	1	seq
.....	.....uguuggaucucauggcaacaacagucgguaggcuguc.....	3	0	seq
.....	.....uuggaucucauggcaacaacagucgguaggcuguc.....	1	0	seq
.....	.....ucauggcaacaacagucggu.....	1	0	seq
.....	.....auggcaacaacagucgguaggcu.....	1	0	seq

Mature

Star

ggcuguaccauccugcgguaagcuuacagacugauguagacugugggaucauaggcaacaacagucgguaaggcugucugacauuuugguauuucaucugaccguuug

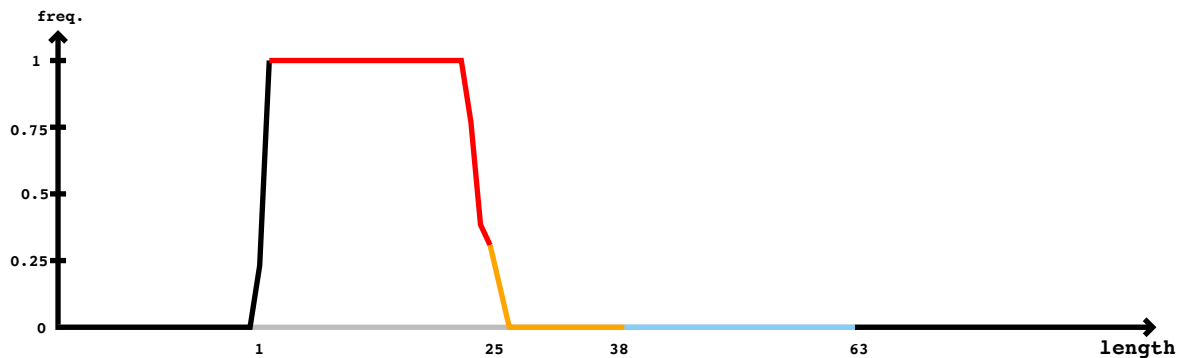
.....caacaacagucgguaaggc.....	3	0	seq
.....caacaacagucgguaaggc.....	17	0	seq
.....caacaacagucgguaaggcA.....	1	1	seq
.....caacaacagucgguaaggcU.....	8	1	seq
.....caacaacagucgguaaggcug.....	50	0	seq
.....caacaacUgucgguaaggcugu.....	1	1	seq
.....Uaacaacagucgguaaggcugu.....	2	1	seq
.....caacaacagucgguaaggcUCu.....	1	1	seq
.....caacaacagucgguaaggcGgu.....	1	1	seq
.....caacaacagucgguaaggcugA.....	50	1	seq
.....caacaacagucgguaaggcugu.....	195	0	seq
.....caacaacagucgguaaggcugG.....	1	1	seq
.....caacaaGagucgguaaggcugu.....	1	1	seq
.....caacaacagucgguaaggcugC.....	7	1	seq
.....caacaacagucgguaaggcUAu.....	14	1	seq
.....caacaacagucgguaaggcUu.....	20	1	seq
.....Aaacaacagucgguaaggcugu.....	1	1	seq
.....caacaacagucgguaaggUugu.....	1	1	seq
.....caacaaUagucgguaaggcugu.....	1	1	seq
.....caacaacagucgguaaggcuguU.....	8	1	seq
.....caacaacGgucgguaaggcuguc.....	1	1	seq
.....caacaaUagucgguaaggcuguc.....	1	1	seq
.....caacaacaUucgguaaggcuguc.....	1	1	seq
.....caacaacagucgguaaggcuguc.....	101	0	seq
.....Uaacaacagucgguaaggcuguc.....	1	1	seq
.....caacaacagucgguaaggcugCc.....	1	1	seq
.....caacaacagGcgguaaggcugucu.....	1	1	seq
.....caacaacagAcguaaggcugucu.....	1	1	seq
.....caacaacagucggGaggcugucu.....	1	1	seq
.....caacaacagucgguaaggcUucu.....	1	1	seq
.....caacaaUagucgguaaggcugucu.....	3	1	seq
.....caacaacagucgguaaggcugucu.....	872	0	seq
.....Aaacaacagucgguaaggcugucu.....	2	1	seq
.....caacaacagucggAaggcugucu.....	1	1	seq
.....caacaacagucgguaaggcuguUu.....	4	1	seq
.....caacaacagucgguaaggcugucC.....	1	1	seq
.....caacaacagucgguaaggcugucA.....	15	1	seq
.....caacaacagucgguaaggcugucG.....	5	1	seq
.....caacaacagucgguaaggcuguAu.....	1	1	seq
.....caacaacagucggCaggcugucu.....	1	1	seq
.....caacaacagucgguaaggcugucAg.....	1	1	seq
.....caacaacagucgguaaggcugucuU.....	2	1	seq
.....aacaacagucgguaaggc.....	2	0	seq
.....aacaacagucggCaggc.....	1	1	seq
.....aacaacagucgguaaggcU.....	4	1	seq
.....aacaacagucgguaaggcug.....	12	0	seq
.....aacaacagucgguaaggcUu.....	2	1	seq
.....aacaacagucgguaaggcugA.....	1	1	seq
.....aacaacagucgguaaggcugu.....	8	0	seq
.....aacaacagucgguaaggcuguc.....	8	0	seq
.....aacaacagucgguaaggcugAcu.....	1	1	seq
.....aacaacagucgguaaggcugucu.....	888	0	seq
.....aacaacagucgguaagCcugucu.....	1	1	seq
.....aacaacagucgguaaggcugucA.....	1	1	seq
.....aacaacagucgguaaggcUucu.....	3	1	seq
.....Uacaacagucgguaaggcugucu.....	1	1	seq
.....aacaacagucgguaaggcugucuU.....	1	1	seq
.....acaacagucgguaaggcUAu.....	1	1	seq
.....acaacagucgguaaggcugu.....	1	0	seq
.....acaacagucgguaaggcuguc.....	3	0	seq
.....acaacagucgguaaggcugucC.....	2	1	seq
.....acaacagucgguaaggcugucu.....	235	0	seq
.....acaacagucgguaaggcugucug.....	6	0	seq
.....acaacagucgguaaggcugucugU.....	26	1	seq
.....caacagucgguaaggcugucu.....	1	0	seq
.....caacagucgguaaggcugucug.....	2	0	seq
.....caacagucgguaaggcugucugU.....	143	1	seq
.....caacagucgguaaggcugucuga.....	1	0	seq
.....caacagucgguaaggcugucugG.....	1	1	seq
.....caacagucgguaaggcugucugaU.....	1	1	seq

Mature

Star

ggcuguaccauccugucggaugc <u>uu</u> aucagacuga <u>gu</u> ugac <u>ugu</u> ggau <u>cu</u> cauggcaacaacagucgguaggcugucu			
.....acagucgguaggcugucu.....	1	0	seq
.....ugacauuuugguau <u>cu</u> uucaucugacU.....	1	1	seq
.....ugacauuuugguau <u>cu</u> uucaucugacc.....	6	0	seq
.....ugacauuuugguau <u>cu</u> uucaucugaccA.....	1	1	seq
.....ugacauuuugguau <u>cu</u> uucaucugaccg.....	1	0	seq
.....ugacauuuugguau <u>cu</u> uucaucugaccgu.....	2	0	seq
.....gacauuuugguau <u>cu</u> uucaucugaccgu.....	1	0	seq

Provisional ID : mun-novel73
 Score total : 1.8
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 13
 Mature read count : 13
 Loop read count : 0
 Star read count : 0

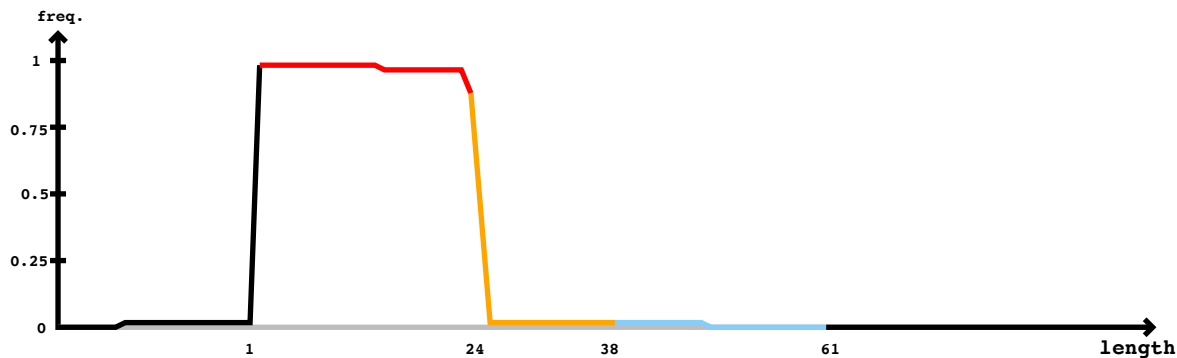
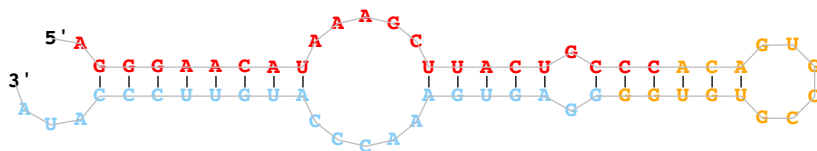


Mature

Star

5' -	reads	mm	sample
ggcaaaggccaggaagcgac auggugccugucugucugaugucucuaugcugguga caacagcagccaggcagcaccagcug gccugguuccuugcaccaaaggauggucau -3'	exp		
.....cauggugccugucugucugau.....	2	0	seq
.....cauggugccugucugucugau.....	1	1	seq
.....auggugccugucugucugau.....	1	0	seq
.....auggugccugucugucugaug.....	4	0	seq
.....auggugccugucugucugaug.....	1	0	seq
.....auggugccugucugucugaug.....	4	0	seq

Provisional ID : mun-novel48
 Score total : 1.2
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.5
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 55
 Mature read count : 55
 Loop read count : 0
 Star read count : 0

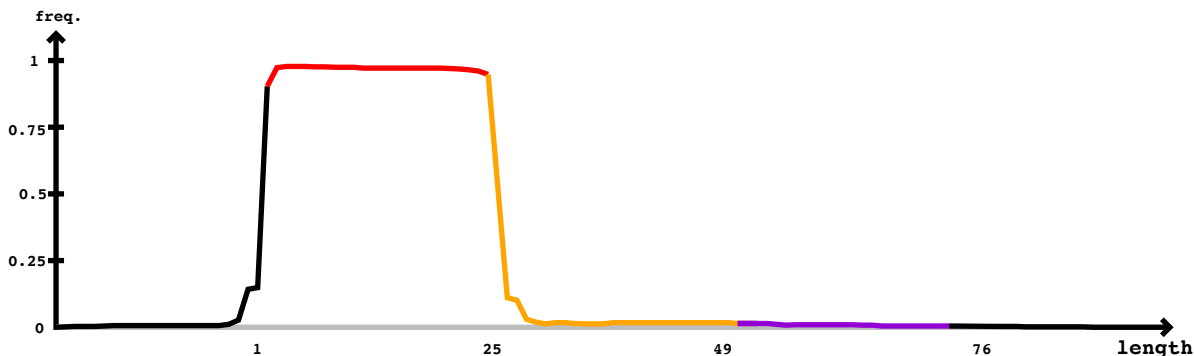
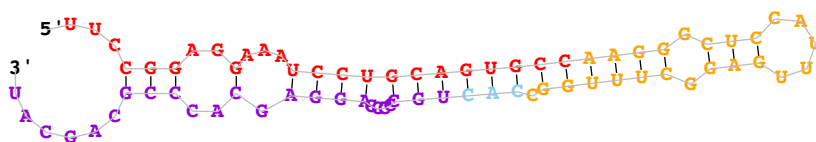


Mature

Star

5' -	Sequence	-3'	reads	mm	sample
5' -	auaacugugccuacagcaa agggaa cauaaa agcuuacugccc acagugccgugug ggagugaa acc <u>caugu</u> ucccau a accccuggaccgggauacacccguuuuauacacu	-3'			exp
((((.....)))).....(((((((.....((((.....)))))).)))).....)))))).....				
	.....ugugccGacagcaaagggaa cauaaaag		1	1	seq
	.....agggaa cauaaaagcuuacugcc		5	0	seq
	.....agggaa cauaaaagcuuacugccG		1	1	seq
	.....agggaa cauaaaagcuuacugccU		37	1	seq
	.....agggaa cauaaaagcuuacugccc		11	0	seq
	.....agggaa cauaaaagcuuacugcccU		1	1	seq
	.....cagugccgugugggagugaa ac		1	0	seq

Provisional ID : mun-novel15
 Score total : 2
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.3
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 603
 Mature read count : 596
 Loop read count : 5
 Star read count : 2



Mature

Star

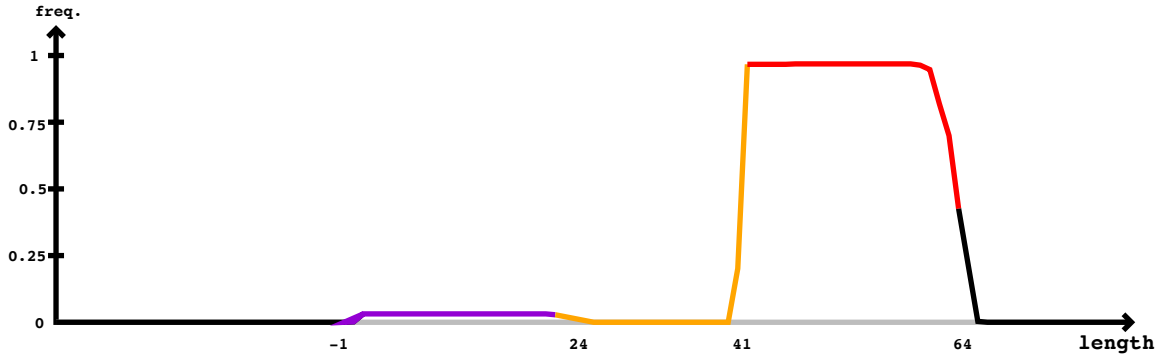
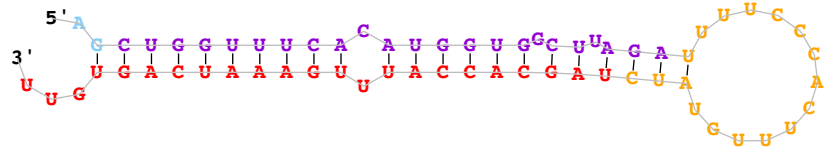
5'			-3'	obs		sample				
			exp	reads	mm					
ugaggagcuuagagggg	uuccgagggaaa	uccugcagugcca	agggcucca	uuagggcuu	uggcacugccccc	aggagcaccgcagcau	ccccagccuccggcuc	1	0	seq
ugaggagcuuagagggg	uuccgagggaaa	uccugcagugcca	agggcucca	uuagggcuu	uggcacugccccc	aggagcaccgcagcau	ccccagccuccggcuc	1	0	seq
ugaggagcuuagagggg	gaaauuccg							1	0	seq
ugaggagcuuagagggg	gaaauuccgga							1	0	seq
	ggagcuuagagggg	gaaauuccg	gagga					1	0	seq
	gagcuuagagggg	gaaauuccg	gagga					1	0	seq
		gaaauuccg	gagga	aaa	uccgagugcc			3	0	seq
		auuuccggagga	aaa	uccgagugcc				6	0	seq
		auuuccggagga	aaa	uccgagugcc	U			1	1	seq
		auuuccggagga	aaa	uccgagugcca				3	0	seq
		uuuccggagga	aaa	uccgca				1	0	seq
		uuuccggagga	aaa	uccgag				1	0	seq
		uuuccggagga	aaa	uccgagu				2	0	seq
		uuuccggagga	aaa	uccgagugc				1	0	seq
		uuuccggagga	aaa	uccgagugcc				1	1	seq
		uuuccggagga	aaa	uccgagugcc				23	0	seq
		uuuccggagga	aaa	Guccgagugcc				2	1	seq
		uuuccggagga	aaa	uccgagugcc				1	1	seq
		uuuccggagga	aaa	uccgagugcca				1	1	seq
		uuuccggagga	aaa	Guccgagugcca				2	1	seq
		uuuccggagga	aaa	uccgagugcca				1	1	seq
		uuuccggagga	aaa	uccgagugcca				28	0	seq
		uuuccggagga	aaa	uccgagugc	Ucaag			2	1	seq
		uuuccggagga	aaa	uccgagugcca	ag			1	0	seq
		uuuccggagga	aaa	uccgagugcca	aa			1	1	seq
		uuuccggagga	aaa	uccgagugcca	agg			1	0	seq
		uuuccggagga	aaa	uccgagugcca	agg			1	0	seq
		uuuccggagga	aaa	uccgagugcca				1	0	seq
		uuuccggagga	aaa	uccgagugcca				2	0	seq
		uuuccggagga	aaa	uccgagugcca	aa			1	1	seq
		uuuccggagga	aaa	Guccgagug				1	1	seq
		uuuccggagga	aaa	uccgagug				2	0	seq

Mature

Star

Sequence	Mature Count	Star Count	Type
ugaggagcuagaggggaa <u>uuccggaggaaa</u> uccugcagugc <u>caagggcu</u> ccauuugaggcuuuggcca <u>ugcccc</u> caggagc <u>accgcagca</u> ucccagccuccggcucau	6	0	seq
.....uuccggaggaaa <u>uccugcagugc</u>	1	1	seq
.....uuccggaggaa <u>Guccugcagugc</u>	11	1	seq
.....uuccggaggaaa <u>uccugcagugcU</u>	1	1	seq
.....uuccggaggaaa <u>uccugcagugcA</u>	3	1	seq
.....uuccggaggaaa <u>uccugcagugcA</u> c.....	1	1	seq
..... <u>Guccggaggaaa</u> uccugcagugcc.....	1	1	seq
.....uuccggaggaaa <u>uccugcagugcc</u>	271	0	seq
.....uuccggaggaaa <u>uccugcagugccU</u>	45	1	seq
.....uuccggaggaaa <u>uccugcagugcU</u> ca.....	1	1	seq
.....uuccggaggaaa <u>uccugcagGgcca</u>	1	1	seq
.....uuccggaggaa <u>Guccugcagugcca</u>	7	1	seq
.....uuccggaggaaa <u>uccugcagugccG</u>	5	1	seq
.....uuccggaggaaa <u>uccugcagugcca</u>	82	0	seq
.....uuccggaggaaa <u>uccugcagugccaU</u>	4	1	seq
.....uuccggaggaaa <u>uccugcagugccaa</u>	1	0	seq
.....uuccggaggaaa <u>uccugcagugccaag</u>	24	0	seq
.....uuccggaggaaa <u>uccugcagugAcaag</u>	1	1	seq
.....uuccggaggaaa <u>uccugcagugccaagU</u>	1	1	seq
.....uuccggaggaa <u>Guccugcagugccaagg</u>	1	1	seq
.....uuccggaggaaa <u>uccugcagugccaagg</u>	1	0	seq
.....uuccggaggaaa <u>uccugcagugccaaggg</u>	3	0	seq
.....uuccggaggaaa <u>uccugcagugccaagggcu</u>	1	0	seq
.....uuccggaggaaa <u>uccugcagugccaagggcucc</u>	1	0	seq
.....uuccggaggaaa <u>uccugcagugc</u>	1	0	seq
.....uuccggaggaaa <u>uccugcagugcc</u>	16	0	seq
.....uuccggaggaaa <u>uccugcagugccU</u>	2	1	seq
.....uuccggaggaaa <u>uccugcagugcca</u>	5	0	seq
.....uuccggaggaaa <u>uccugcagugccaa</u>	1	0	seq
.....uuccggaggaa <u>Guccugcagugccaag</u>	1	1	seq
.....uuccggaggaaa <u>uccugcagugccaag</u>	13	0	seq
.....uuccggaggaaa <u>uccugAagugccaag</u>	1	1	seq
.....uuccggaggaaa <u>uccugcagugccaagg</u>	2	0	seq
.....uuccggaggaaa <u>uccugcagugccaaggg</u>	1	0	seq
.....uuccggaggaaa <u>uccugcagugUcaagggcuc</u>	1	1	seq
..... <u>ccggaggaaa</u> uccugcagugcca.....	1	0	seq
..... <u>ccggaggaaa</u> uccugcagugccaagA.....	1	1	seq
..... <u>ccggaggaaa</u> uccugcagugccaagggcuc.....	1	0	seq
..... <u>caagggcucc</u> Guuugaggcuuuggcc.....	1	1	seq
..... <u>aagggcucc</u> Guuugaggcuuuggccac.....	1	1	seq
..... <u>agggcucc</u> Guuugaggcuuuggcc.....	1	1	seq
..... <u>uccGuuugaggcuuuggccacug</u>	1	1	seq
..... <u>uccGuuugaggcuuuggccacugc</u>	2	1	seq
..... <u>uccGuuugaggcuuuggccacugcccc</u>	1	1	seq
..... <u>ccGuuugaggcuuuggccacug</u>	1	1	seq
..... <u>ugaggcuuuggGcacugccccagga</u>	1	1	seq
..... <u>ugaggcuuuggGcacugccccagggagc</u>	2	1	seq
..... <u>ugccccaggagcaGccgagcau</u>	1	1	seq
..... <u>cccaggagcaGccgagcaucccc</u>	1	1	seq
..... <u>caggagcaGccgagcauccccagccuc</u>	1	1	seq

Provisional ID : mun-miR-29b-2
 Score total : 4.6
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 606
 Mature read count : 587
 Loop read count : 0
 Star read count : 19



Star Mature

5' -	-3'	obs	mm	sample
ccaagcaccagau <u>guguc<u>uccu</u>cuggaag<u>cugguu</u>ucacau<u>ggug</u>gcuuagauuu<u>u</u>ccacu<u>uu</u>guau<u>cu</u>agcacca<u>uu</u>gaaa<u>uc</u>aguguuc<u>u</u>aggagcaagaauuac</u>	exp	reads	mm	sample
ccaagcaccagau <u>guguc<u>uccu</u>cuggaag<u>cugguu</u>ucacau<u>ggug</u>gcuuagauuu<u>u</u>ccacu<u>uu</u>guau<u>cu</u>agcacca<u>uu</u>gaaa<u>uc</u>aguguuc<u>u</u>aggagcaagaauuac</u>	exp	1	0	seq
.....(((.....)))(((.....(((.....(((.....(((.....(((.....(((.....))).....))).....))).....))).....)).....)).....		2	0	seq
.....g <u>cugguu</u> ucacau <u>ggug</u> gcuuag.....		1	1	seq
..... <u>cugguu</u> ucacau <u>ggug</u> gcuu.....		2	0	seq
..... <u>cugguu</u> ucacau <u>ggug</u> gcuuA.....		1	0	seq
..... <u>cugguu</u> ucacau <u>ggug</u> gcuuag.....		5	0	seq
..... <u>cugguu</u> ucacau <u>ggug</u> gcuuagU.....		6	1	seq
..... <u>cugguu</u> ucacau <u>ggug</u> gcuuagau.....		2	0	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>uca</u>		2	0	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucag</u>		8	0	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucaA</u>		1	1	seq
..... <u>cuagc</u> acc <u>U</u> uuu <u>gaaa</u> ucag <u>u</u>		1	1	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucagG</u>		1	1	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucagu</u>		40	0	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucagug</u>		30	0	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucaguU</u>		3	1	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucaguA</u>		1	1	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucaguC</u>		2	1	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucagugu</u>		18	0	seq
..... <u>Auagc</u> acc <u>uu</u> gaaa <u>ucagugu</u>		1	1	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucagugA</u>		12	1	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucagugG</u>		1	1	seq
..... <u>cuagc</u> acc <u>uu</u> gaaa <u>ucaguguu</u>		1	0	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>uca</u>		1	0	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucag</u>		1	0	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucagA</u>		1	1	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucagu</u>		35	0	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucaguU</u>		3	1	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucaguC</u>		5	1	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucagug</u>		24	0	seq
..... <u>uagc</u> acc <u>Gu</u> uu <u>gaaa</u> ucag <u>ug</u>		1	1	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucGug</u>		3	1	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucagugA</u>		9	1	seq
..... <u>uagc</u> acc <u>uu</u> gaaa <u>ucagugC</u>		2	1	seq

Star

Mature

ccaagcaccagaugugucuuccucuggaagcuggguucacaugggcuuagauuuuccacuuuguuau <u>uagcacc</u> auuugaaaucaguguu <u>cuaggagcaagaauuac</u>			
.....uagcaccauuugaaaucag <u>uCu</u>	3	1	seq
.....uagcaccauuugaaaucag <u>uG</u>	5	1	seq
.....uagcaccauuugaaaucag <u>uU</u>	4	1	seq
.....uagcaccauuugaaaucag <u>uG</u>	1	1	seq
.....uagcaccauuugaaaucag <u>uG</u>	110	0	seq
.....uagcaccauuugaaaucag <u>uA</u>	3	1	seq
.....uagcaccauuugaaaucag <u>uAu</u>	1	1	seq
.....uagcaccauuugaaaucag <u>uuU</u>	248	0	seq
.....uagcaccauuugaaaucag <u>uuU</u>	1	1	seq
.....uagcaccauuugaaaucag <u>uuU</u>	1	0	seq
.....uagcaccauuugaaaucag <u>uuU</u>	1	1	seq
.....uagcaccauuugaaaucag <u>uuAu</u>	1	1	seq
.....ccauuugaaaucag <u>uuU</u>	1	0	seq

Star

Mature

Sequence	Count	Star	Mature	Type
ggaugaccacaggcuccuccaugucuccagcccaaggugcagugcugcaucucuggucaauugggagucugagaugaagcacugagcucgggaaggaggaaacugc				
..... agucugagauaagcacugagcuc.....	2	0		seq
..... gucugagauaagcacugagU.....	2	1		seq
..... gucugagauaagcacugagc.....	3	0		seq
..... gucugagauaagcacugagA.....	1	1		seq
..... Aucugagauaagcacugagc.....	1	1		seq
..... gucugagauaagcacugagCA.....	1	1		seq
..... gucugagauaagcacugagcu.....	1	0		seq
..... Aucugagauaagcacugagcu.....	5	1		seq
..... ucugagauaagcacugag.....	18	0		seq
..... ucugagauaagcacuguaA.....	2	1		seq
..... ucugagauaagcacugagc.....	37	0		seq
..... ucugagauaagcacugagU.....	9	1		seq
..... ucugagauaagcacugagA.....	1	1		seq
..... ucugagauaagcacugagcG.....	1	1		seq
..... Gcugagauaagcacugagcu.....	1	1		seq
..... ucugagauaagcacugagcC.....	1	1		seq
..... ucugagauaagcacugagUu.....	9	1		seq
..... ucugagauaagcacugagcu.....	37	0		seq
..... ucugagauaagcacugagCA.....	3	1		seq
..... ucugagauaagcacugagcuG.....	2	1		seq
..... ucugagauaagcacugagcuU.....	86	0		seq
..... ucugagauaagcacugagcuU.....	38	1		seq
..... ucugagauaagcacugagUuc.....	1	1		seq
..... ucugagauaagcacugagcucU.....	11	1		seq
..... ucugagauaagcacugagcucg.....	2	0		seq
..... ucugagauaagcacugagcucgg.....	1	0		seq
..... cugagauaagcacugua.....	7	0		seq
..... cugGgauaagcacugag.....	1	1		seq
..... cugagauaagcacuguaA.....	25	1		seq
..... cugagauaagcacuguaU.....	1	1		seq
..... cugagauaagcacugag.....	648	0		seq
..... Uugagauaagcacugag.....	1	1		seq
..... cugagauaagcacugagc.....	1601	0		seq
..... Gugagauaagcacugagc.....	2	1		seq
..... cugagauGagcacugagc.....	1	1		seq
..... cugagauUaagcacugagc.....	1	1		seq
..... cugaUaugaagcacugagc.....	1	1		seq
..... Uugagauaagcacugagc.....	4	1		seq
..... cugGgauaagcacugagc.....	4	1		seq
..... cugagauaagcacugagA.....	55	1		seq
..... cugagauGgagcacugagc.....	2	1		seq
..... cugagauaagcacugagU.....	31	1		seq
..... cugagauaagcacugCagc.....	2	1		seq
..... cugagauaUcacugagc.....	1	1		seq
..... cugagauaagcacugAagc.....	1	1		seq
..... cuAagauaagcacugagc.....	1	1		seq
..... cugaAaugaagcacugagcu.....	1	1		seq
..... cugagauaagcacugagcG.....	34	1		seq
..... cugagauaagcacCgagcu.....	1	1		seq
..... cugagauaagcacugGgc.....	1	1		seq
..... cugagaCgaagcacugagcu.....	1	1		seq
..... cugagauaagAacugagcu.....	1	1		seq
..... cugagauaagcacuguaUcu.....	1	1		seq
..... Gugagauaagcacugagcu.....	5	1		seq
..... cugagauaCcacugagcu.....	3	1		seq
..... cugagauaGgacugagcu.....	12	1		seq
..... cugagauaagcacugagcu.....	9114	0		seq
..... cugagauaagcaAugagcu.....	1	1		seq
..... cugagauaagcacugagCA.....	82	1		seq
..... cugagauaagcacugGagcu.....	3	1		seq
..... cugagauaagcacUagcu.....	1	1		seq
..... cugGgauaagcacugagcu.....	9	1		seq
..... cugagauaagcacugCagcu.....	2	1		seq
..... cugaUaugaagcacugagcu.....	3	1		seq
..... cugagauaagcacugAagcu.....	2	1		seq
..... cugagauGgagcacugagcu.....	5	1		seq
..... cugagauaAacacugagcu.....	1	1		seq
..... cugagauaUgcacugagcu.....	2	1		seq
..... cugagauUaagcacugagcu.....	1	1		seq
..... cugagauaagcGcugagcu.....	1	1		seq

Star

Mature

ggagaccacaggcuccuccaugucuccagcccaaggugcagugcugcaucucuggucaauugggagucugagaugaagcacugugcucgggaaggaggaaacugc

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.....cugagGugaagcacugugcuc.....	1	1	seq
.....cugagaugaagcacuCuagcuc.....	1	1	seq
.....Uugagaugaagcacugugcuc.....	10	1	seq
.....cugagaugaagUacugugcuc.....	9	1	seq
.....cugagaugaCgcacugugcuc.....	1	1	seq
.....cCgagaugaagcacugugcuc.....	3	1	seq
.....cugagaugaUcacugugcuc.....	3	1	seq
.....cugagaugaagcacugugUu.....	9	1	seq
.....cugagaugaagcacugugcC.....	5	1	seq
.....Augagaugaagcacugugcuc.....	7	1	seq
.....cugagaugaagcacugugUuc.....	6	1	seq
.....Gugagaugaagcacugugcuc.....	4	1	seq
.....cugagaugaagcacugCagcuc.....	1	1	seq
.....cugagaugaagcacuguaAcuc.....	1	1	seq
.....cugGgugaagcacugugcuc.....	4	1	seq
.....cugagaugGagcacugugcuc.....	2	1	seq
.....cugagaugaagcacuCuagcuc.....	1	1	seq
.....cugagGugaagcacugugcuc.....	1	1	seq
.....Uugagaugaagcacugugcuc.....	1	1	seq
.....cugagaugaagcacugugcuaA.....	69	1	seq
.....cugagaCgaagcacugugcuc.....	2	1	seq
.....cugagaugaagcacuAaugcuc.....	3	1	seq
.....cugagaugaUcacugugcuc.....	2	1	seq
.....cugagaugaagUacugugcuc.....	2	1	seq
.....cugagaugaagcUcugugcuc.....	1	1	seq
.....cugagaugaagcacugcCguc.....	1	1	seq
.....cugagaugaagcacCguagcuc.....	1	1	seq
.....cugagaugaagcacugugcG.....	10	1	seq
.....cugagaugaagcacugugcU.....	380	1	seq
.....cugagaugaagcacuguaUcuc.....	1	1	seq
.....cugagaugaagcaUugugcuc.....	3	1	seq
.....cugagaugaGgcacugugcuc.....	9	1	seq
.....Augagaugaagcacugugcuc.....	6	1	seq
.....cugagaugaagcGcugugcuc.....	1	1	seq
.....cugagaugaagcaAugugcuc.....	1	1	seq
.....cugagaugaagcacugugcuc.....	5153	0	seq
.....cuAagaugaagcacugugcuc.....	2	1	seq
.....cugagaugaagcacugugcCc.....	1	1	seq
.....cugagaugGagcacugugcucg.....	1	1	seq
.....cugagaugaagcacugugcucg.....	56	0	seq
.....cugagaugaagcacugugcucU.....	4367	1	seq
.....cugagaugaagcacugugcucA.....	192	1	seq
.....cugagaugaagcacugugcucC.....	59	1	seq
.....cugagaugaagcacugugcuaAg.....	4	1	seq
.....cugagaugaagcacugugcUg.....	1	1	seq
.....cugagaugaagcacugugcucgU.....	24	1	seq
.....cugagaugaagcacugugcucUg.....	2	1	seq
.....cugagaugaagcacugugcucgg.....	2	0	seq
.....ugagaugaagcacuUuag.....	1	1	seq
.....ugagaCgaagcacugug.....	1	1	seq
.....ugagaugaagcacuguaU.....	2	1	seq
.....ugagaugGagcacugug.....	1	1	seq
.....uUagaugaagcacugug.....	1	1	seq
.....ugagaugaagcacugug.....	3500	0	seq
.....ugagaugCagcacugug.....	2	1	seq
.....ugaCaugaagcacugug.....	1	1	seq
.....ugagaugaagcacuguaA.....	6	1	seq
.....ugagaugaagcacugAag.....	1	1	seq
.....Cgagaugaagcacugug.....	2	1	seq
.....ugCgaugaagcacugug.....	1	1	seq
.....ugaAaugaagcacugug.....	1	1	seq
.....ugagaugaAacugug.....	3	1	seq
.....ugagauAaagcacugug.....	1	1	seq
.....ugagaugaagAacugug.....	1	1	seq
.....ugaUaugaagcacugug.....	2	1	seq
.....ugagaugaagcGcugug.....	3	1	seq
.....ugagGugaagcacugug.....	1	1	seq
.....ugagaugaagcaUugug.....	1	1	seq
.....ugagaugaagcacuAaug.....	1	1	seq

Star

Mature

ggaugaccacaggcuccuccaagucucccagcccaagugcagugcugcaucucuggucaauugggagucugagaugaagcacugagucg			
.....Ggagaugaagcacugag.....	1	1	seq
.....ugagaugaagcacugag.....	2	1	seq
.....ugagCugaagcacugag.....	1	1	seq
.....ugagaugaagcacugCagc.....	5	1	seq
.....ugagaugaagcacuAaagc.....	2	1	seq
.....ugaUaugaagcacugagc.....	7	1	seq
.....ugagaCgaagcacugagc.....	4	1	seq
.....ugagaugaagcacugagA.....	187	1	seq
.....ugagaugaagcacugagU.....	515	1	seq
.....ugagaugaCgcacugagc.....	2	1	seq
.....ugagaugGagcacugagc.....	83	1	seq
.....ugagaugaagcacAguagc.....	2	1	seq
.....ugagaugaaCcacugagc.....	5	1	seq
.....ugagaugaagcacugGagc.....	5	1	seq
.....Agagaugaagcacugagc.....	12	1	seq
.....ugagaugaagcacugAagc.....	5	1	seq
.....ugagaugaaUcacugagc.....	7	1	seq
.....ugagaugaagcGcugagc.....	6	1	seq
.....ugagaugaagcacugagc.....	30017	0	seq
.....uAagaugaagcacugagc.....	1	1	seq
.....ugagaugaagcacuguGgc.....	2	1	seq
.....ugagaugCagcacugagc.....	1	1	seq
.....ugagaugaagcacCguagc.....	5	1	seq
.....uUagaugaagcacugagc.....	6	1	seq
.....ugagaugaagcacuCugagc.....	1	1	seq
.....ugagaugaagAacugagc.....	7	1	seq
.....ugagaugaagUacugagc.....	23	1	seq
.....ugagaugaGgcacugagc.....	77	1	seq
.....Cgagaugaagcacugagc.....	8	1	seq
.....ugagaugaagcacuguaAc.....	1	1	seq
.....ugagaugaagcUcugagc.....	2	1	seq
.....ugagaugaagcacuUuagc.....	6	1	seq
.....ugaAaugaagcacugagc.....	1	1	seq
.....ugagaugaagcacugagG.....	4	1	seq
.....ugagaugaagcacuguaUc.....	11	1	seq
.....Ggagaugaagcacugagc.....	22	1	seq
.....ugagaGgaagcacugagc.....	1	1	seq
.....ugagauUaagcacugagc.....	4	1	seq
.....ugGgaugaagcacugagc.....	3	1	seq
.....ugagauAaagcacugagc.....	4	1	seq
.....ugagaugaaAacacugagc.....	5	1	seq
.....ugagGugaagcacugagc.....	2	1	seq
.....uCagaugaagcacugagc.....	1	1	seq
.....ugagaugaagcaUugagc.....	1	1	seq
.....ugagaugaagcaGugagc.....	15	1	seq
.....ugagaugaagcaUugagc.....	34	1	seq
.....ugagaugUagcacugagc.....	20	1	seq
.....ugagUugaagcacugagc.....	20	1	seq
.....uUagaugaagcacugagc.....	89	1	seq
.....uCagaugaagcacugagc.....	15	1	seq
.....ugagaugaagcacuguCgc.....	6	1	seq
.....ugagaugaagcacuguaUcu.....	107	1	seq
.....ugagaugaaCcacugagc.....	44	1	seq
.....Agagaugaagcacugagc.....	231	1	seq
.....ugagaugaUgcacugagc.....	30	1	seq
.....ugagaGgaagcacugagc.....	8	1	seq
.....ugagaugaagcacugagc.....	412920	0	seq
.....ugaAaugaagcacugagc.....	19	1	seq
.....Cgagaugaagcacugagc.....	137	1	seq
.....ugagaCgaagcacugagc.....	45	1	seq
.....ugagauAaagcacugagc.....	26	1	seq
.....Ggagaugaagcacugagc.....	280	1	seq
.....ugagaugaagcacAguagc.....	27	1	seq
.....ugagaugaagcacugagAu.....	71	1	seq
.....ugagaugaagcacCguagc.....	44	1	seq
.....ugagaugaagcacuguaAcu.....	20	1	seq
.....uAagaugaagcacugagc.....	42	1	seq
.....ugagaugaagGacugagc.....	12	1	seq
.....ugagaugaagcacuguGgc.....	36	1	seq
.....ugaCaugaagcacugagc.....	16	1	seq

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Sequence	Count	Category	Type
ggaugaccacaggcuccuccaagucucccagcccaaggugcagucgucgcaucucuggucaauugggagucugagaugaagcacugagcucggsaaggagggaacugc			
.....ugCgaugaagcacugagcuc.....	5	1	seq
.....ugagaugaagcacugAagcuc.....	73	1	seq
.....ugagauUaagcacugagcuc.....	78	1	seq
.....ugagaugaagcacugagcA.....	1265	1	seq
.....ugagaugaagcaAugagcuc.....	49	1	seq
.....ugagauaaUcacugagcuc.....	69	1	seq
.....ugagaugaCgcacugagcuc.....	17	1	seq
.....ugagaugaagcacuUagcuc.....	84	1	seq
.....ugagauGagcacugagcuc.....	766	1	seq
.....ugagauaagcacugagcG.....	1597	1	seq
.....ugagauaaAacacugagcuc.....	29	1	seq
.....ugagaugaagcacugagUu.....	140	1	seq
.....ugagauaagcacugGagcuc.....	42	1	seq
.....ugagaugaagcacugCagcuc.....	55	1	seq
.....ugagauaagcacugagGu.....	8	1	seq
.....ugagauaagcacugUgcu.....	6	1	seq
.....ugUgaugaagcacugagcuc.....	13	1	seq
.....ugagauaagcCucugagcuc.....	5	1	seq
.....ugagauaagAacugagcuc.....	91	1	seq
.....ugGgaugaagcacugagcuc.....	33	1	seq
.....ugauUaagcacugagcuc.....	73	1	seq
.....ugagauaagcacugagcC.....	173	1	seq
.....ugagauaagcGcugagcuc.....	68	1	seq
.....ugagauaagUacugagcuc.....	267	1	seq
.....ugagauGagcacugagcuc.....	10	1	seq
.....ugagCugaagcacugagcuc.....	8	1	seq
.....ugagauaagcUcugagcuc.....	24	1	seq
.....ugagGugaagcacugagcuc.....	60	1	seq
.....ugagauaagcacuCuagcuc.....	17	1	seq
.....ugagauaGgcacugagcuc.....	377	1	seq
.....ugagauaagcacuguaCcu.....	8	1	seq
.....ugagauaagcacuAagcuc.....	31	1	seq
.....ugagauaagcacGgagcuc.....	11	1	seq
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.....ugagauCaagcacugagcuc.....	14	1	seq
.....ugagauaaUcacugagcuc.....	37	1	seq
.....ugCgaugaagcacugagcuc.....	3	1	seq
.....ugagauaagcacugagcucU.....	28998	1	seq
.....uCaugaagcacugagcuc.....	12	1	seq
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.....ugagauUaagcacugagcuc.....	31	1	seq
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.....ugagCugaagcacugagcuc.....	4	1	seq
.....ugagauGagcacugagcuc.....	2	1	seq
.....ugagauaagcacugagcA.....	10	1	seq
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.....Aagauaagcacugagcuc.....	112	1	seq
.....ugagauaagcaAugagcuc.....	34	1	seq
.....ugagGugaagcacugagcuc.....	32	1	seq
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.....ugUgaugaagcacugagcuc.....	9	1	seq
.....ugagauaaCcacugagcuc.....	15	1	seq
.....ugagauaagcacugUgcu.....	18	1	seq
.....ugagauUagcacugagcuc.....	7	1	seq
.....ugaAaugaagcacugagcuc.....	11	1	seq
.....ugagauaagcacugcGgcuc.....	1	1	seq
.....ugagauaagcUcugagcuc.....	11	1	seq
.....ugagauaagcacugCagcuc.....	32	1	seq
.....ugagauaagcacuguaUcuc.....	74	1	seq
.....ugagauaagcacugGagcuc.....	25	1	seq
.....ugagauaagcacugagGuc.....	4	1	seq
.....ugagauaUgcacugagcuc.....	14	1	seq
.....uUgaugaagcacugagcuc.....	41	1	seq
.....ugagaGgaagcacugagcuc.....	4	1	seq
.....ugagauaaAacacugagcuc.....	20	1	seq
.....Ggagauaagcacugagcuc.....	151	1	seq
.....ugagauaagcacuAagcuc.....	20	1	seq
.....ugagauCaagcacugagcuc.....	18	1	seq

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Mature

Sequence	Count	Category	Type
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.....ugagauaagcacugagucG.....	901	1	seq
.....ugagauaagcacugagucCc.....	40	1	seq
.....ugagauaagcacuguaCcuc.....	7	1	seq
.....ugagauaagcacugagUuc.....	358	1	seq
.....ugagaAaagcacugaguc.....	5	1	seq
.....ugagaCgaagcacugaguc.....	23	1	seq
.....ugagauaagcacuUaguc.....	50	1	seq
.....ugagauaagcacugagucGc.....	6	1	seq
.....ugagauaagcacuguaAcuc.....	15	1	seq
.....ugagauaagcacugagAuc.....	42	1	seq
.....ugagauaCgcacugaguc.....	4	1	seq
.....ugagauaagcacugagucA.....	1972	1	seq
.....Cgagauaagcacugaguc.....	81	1	seq
.....ugagUugaagcacugaguc.....	7	1	seq
.....ugaCaugaagcacugaguc.....	8	1	seq
.....ugagauaagcacAguaguc.....	21	1	seq
.....ugagauaagcacGugaguc.....	4	1	seq
.....ugGgaugaagcacugaguc.....	26	1	seq
.....ugagaugGagcacugaguc.....	1948	1	seq
.....uAagaugaagcacugaguc.....	17	1	seq
.....ugagauaagUacugaguc.....	115	1	seq
.....ugagauAaagcacugaguc.....	11	1	seq
.....ugagauaagcacGguaguc.....	7	1	seq
.....ugagauaagcacuCuaguc.....	22	1	seq
.....ugagauaagcGcugaguc.....	43	1	seq
.....ugagauaagcacugAaguc.....	34	1	seq
.....ugagauaagcacCguaguc.....	34	1	seq
.....ugagauaagcaUugaguc.....	61	1	seq
.....ugagauaagcCcuaguc.....	5	1	seq
.....ugagauaagcacugagucUg.....	35	1	seq
.....ugagauaCcacugagucg.....	7	1	seq
.....ugagauaagcacugAagucg.....	10	1	seq
.....ugGgaugaagcacugagucg.....	3	1	seq
.....ugagaugUagcacugagucg.....	5	1	seq
.....ugUgaugaagcacugagucg.....	1	1	seq
.....ugagauaagUacugagucg.....	9	1	seq
.....uCagaugaagcacugagucg.....	6	1	seq
.....ugaAaugaagcacugagucg.....	6	1	seq
.....ugagauaAaacugagucg.....	5	1	seq
.....ugagauaagcaAugagucg.....	16	1	seq
.....ugagaugGagcacugagucg.....	43	1	seq
.....ugagauaagcacugUgucg.....	11	1	seq
.....ugagauCaagcacugagucg.....	5	1	seq
.....ugagauaagcacuguaCcucg.....	6	1	seq
.....ugagauaagcacuguaUcucg.....	21	1	seq
.....ugagauaagcacuguaAcucg.....	1	1	seq
.....ugagauaagcacugagcGcg.....	1	1	seq
.....ugagUugaagcacugagucg.....	4	1	seq
.....ugagauaUcacugagucg.....	15	1	seq
.....ugagaAgaagcacugagucg.....	3	1	seq
.....Agagauaagcacugagucg.....	42	1	seq
.....ugagauaagcacugagucg.....	72228	0	seq
.....ugaUaugaagcacugagucg.....	9	1	seq
.....uUagaugaagcacugagucg.....	10	1	seq
.....ugagauaUgcacugagucg.....	2	1	seq
.....ugagauaagcGcugagucg.....	15	1	seq
.....ugagauaagcacugGgcucg.....	7	1	seq
.....ugagauaagcaUugagucg.....	2	1	seq
.....ugCgaugaagcacugagucg.....	1	1	seq
.....ugagauaagcacugagucA.....	8510	1	seq
.....uAagaugaagcacugagucg.....	5	1	seq
.....ugagGugaagcacugagucg.....	9	1	seq
.....ugagauaagcacugCagucg.....	8	1	seq
.....Cgagauaagcacugagucg.....	26	1	seq
.....ugagauaagcacugagucC.....	3612	1	seq
.....Ggagauaagcacugagucg.....	44	1	seq
.....ugagauaagcacCguagucg.....	9	1	seq
.....ugagauaagAacugagucg.....	13	1	seq
.....ugagauaagcacugagAucg.....	9	1	seq
.....ugaCaugaagcacugagucg.....	5	1	seq

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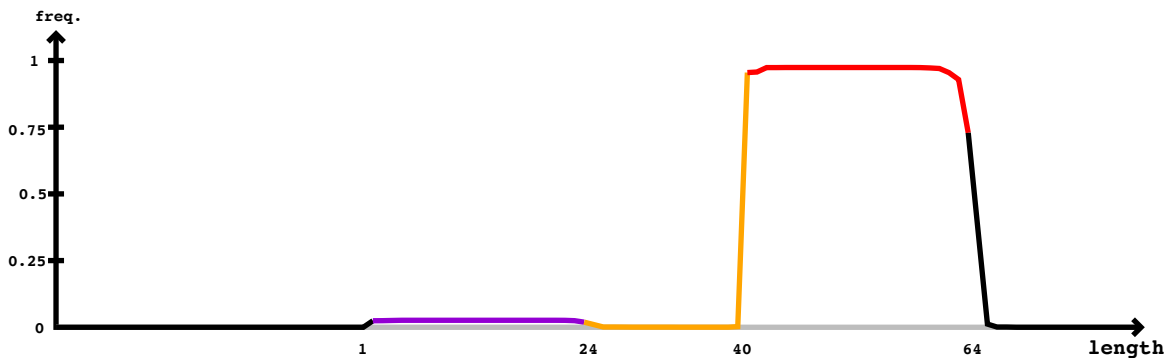
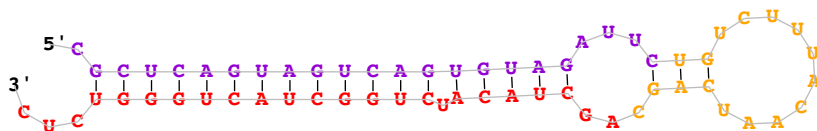
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.....ugagauaagcagcugGagcucg.....	11	1	seq
.....ugagauaagcagcugCgcucg.....	3	1	seq
.....ugagauaagGacugagcucg.....	1	1	seq
.....ugagauaagcagcGguagcucg.....	2	1	seq
.....ugagauaagcagcugagUucg.....	89	1	seq
.....ugagauAaagcagcugagcucg.....	3	1	seq
.....ugagauaagcagcucCuagcucg.....	9	1	seq
.....ugagauaagcagcugagcAcg.....	3	1	seq
.....ugagauUaagcagcugagcucg.....	9	1	seq
.....ugagauaagcagcugagcugG.....	5	1	seq
.....ugagauaagcagcugagcugAg.....	56	1	seq
.....ugagauaagcagcugagcucU.....	295852	1	seq
.....ugagauaagcagcucAaagcucg.....	4	1	seq
.....ugagauaagcagcucUuagcucg.....	12	1	seq
.....ugagaCgaagcagcugagcucg.....	10	1	seq
.....ugagauaagcagcugagcucg.....	2	1	seq
.....ugagauaagcagcugagcCcg.....	11	1	seq
.....ugagauaagcagcAgagcucg.....	1	1	seq
.....ugagauaagcagcugagcucg.....	1	1	seq
.....ugagauaagcagcugagcucg.....	179	1	seq
.....ugagauaagcagcucUuagcucgg.....	1	1	seq
.....ugagauaagcagcugagcucgC.....	501	1	seq
.....ugagauaagcagcugagcucAgg.....	1	1	seq
.....ugagauaagcagcCguagcucgg.....	1	1	seq
.....Agagauaagcagcugagcucgg.....	4	1	seq
.....ugagauaagcagcugagcucgg.....	2	1	seq
.....ugagauaagcagcugAacucgg.....	1	1	seq
.....ugagauaagcagcugagcucgg.....	11	1	seq
.....ugagauaagcagcugagcucgA.....	1598	1	seq
.....ugagauaagcagcugagcucgU.....	32411	1	seq
.....ugagauaagUacugagcucgg.....	2	1	seq
.....ugagauaagcagcugagcGcgg.....	1	1	seq
.....ugagauaagcagcugagcCcg.....	2	1	seq
.....ugaUaagcagcugagcucgg.....	1	1	seq
.....ugagauaagcagcugagcUgg.....	9	1	seq
.....ugagauaagcagcugagcucUg.....	102	1	seq
.....ugagGugaagcagcugagcucgg.....	1	1	seq
.....ugagauaagcagcugagcucAg.....	16	1	seq
.....ugagauaagcagcugagcucgg.....	5906	0	seq
.....ugagauaagcagcugagcucgg.....	2	1	seq
.....ugagauaagcagcugagcucCg.....	1	1	seq
.....ugagauUaagcagcugagcucgg.....	2	1	seq
.....uUagauaagcagcugagcucgg.....	1	1	seq
.....Ggagauaagcagcugagcucgg.....	4	1	seq
.....ugagauGagcagcugagcucgg.....	1	1	seq
.....Cgagauaagcagcugagcucgg.....	1	1	seq
.....ugagauaagcagcugUcucgg.....	1	1	seq
.....ugagauaagcagcugagcucgUg.....	8	1	seq
.....ugagauaagcagcugagcucggA.....	19	1	seq
.....ugagauaagcagcugagcucUgg.....	8	1	seq
.....ugagauaagcagcugagcucggU.....	1141	1	seq
.....ugagauaagcagcugagcucggC.....	3	1	seq
.....ugagauaagcagcugagcucggg.....	6	0	seq
.....ugagauaagcagcugagcucUggga.....	2	1	seq
.....ugagauaagcagcugagcucUgga.....	3	1	seq
.....ugagauaagcagcugagcucggAa.....	1	1	seq
.....ugagauaagcagcugagcucgUga.....	1	1	seq
.....ugagauaagcagcugagcucggUa.....	10	1	seq
.....ugagauaagcagcugagcucUggaa.....	4	1	seq
.....ugagauaagcagcugagcucgggaa.....	1	0	seq
.....Uagauaagcagcugagc.....	1	1	seq
.....Uagauaagcagcugagcuc.....	3	1	seq
.....gagauaagcagcugagcuc.....	22	0	seq
.....gagauaagcagcugagcucU.....	2	1	seq
.....Uagauaagcagcugagcuc.....	1	1	seq
.....gagauaagcagcugagcuc.....	13	0	seq
.....gagauaagcagcugagcucA.....	2	1	seq
.....gagauaagcagcugagcucU.....	19	1	seq
.....gagauaagcagcugagcucg.....	12	0	seq
.....gagauaagcagcugUcucgg.....	1	1	seq

Star

Mature

ggaugaccacagcuccuccaugucuccagccaaaggugcagugcugcaucucuggucaauugggagucugagaugaagcacugagcucgggaaggaggaacugc			
.....gagaugaagcacugagcucgg.....	258	0	seq
.....gaCaugaagcacugagcucgg.....	1	1	seq
.....gagaugUagcacugagcucgg.....	1	1	seq
.....gagaugaagcacugagcucgA.....	3	1	seq
.....gagaugaagcacugagcucgU.....	11	1	seq
.....gagaugaagcacugagcucggA.....	3	1	seq
.....gagaugaagcacugagcucggU.....	148	1	seq
.....gagaugaagcacugagcucggC.....	4	1	seq
.....agaugaagcacugagcuc.....	12	0	seq
.....agaugaagcacugagcuc.....	2	0	seq
.....Ugaugaagcacugagcuc.....	1	1	seq
.....agaugaagcacugagcucU.....	10	1	seq
.....agaugaagcacugagcucg.....	8	0	seq
.....agaugaagcacugagcucUgg.....	1	1	seq
.....agaugaagcacugagcucgU.....	22	1	seq
.....agaugaagcacugagcucgg.....	87	0	seq
.....agaugaaAcacugagcucgg.....	1	1	seq
.....agaugaagcacugagcucggA.....	1	1	seq
.....agaugaagcacugagcucggC.....	1	1	seq
.....agaugaagcacugagcucggU.....	52	1	seq
.....agaugaagcacugagcucggUa.....	3	1	seq
.....gaugaagcacugagcucG.....	1	1	seq
.....gaugaagcacugagcucU.....	2	1	seq
.....gaugGagcacugagcuc.....	1	1	seq
.....gaugaagcacugagcuc.....	29	0	seq
.....gaugaagcacugagcucg.....	7	0	seq
.....gaugaagcacugagcucU.....	40	1	seq
.....gaugaagcacugagcucgg.....	4	0	seq
.....gaugaagcacugagcucgU.....	8	1	seq
.....gaugaagcacugagcucggU.....	46	1	seq
.....gaugaagcacugagcucggUa.....	5	1	seq
.....gaugaagcacugagcucggga.....	3	0	seq
.....gaugaagcacugagcucgggaa.....	2	0	seq
.....gaugaagcacugagcucggUaa.....	2	1	seq
.....augaagcacugagcucU.....	7	1	seq
.....augaagcacugagcucg.....	1	0	seq
.....augaagcacugagcucgU.....	3	1	seq
.....augaagcacugagcucggga.....	1	0	seq
.....augaagcacugagcucgggaa.....	1	0	seq
.....augaagcacugagcucgggaaU.....	1	1	seq
.....ugaagcacugagcucgU.....	5	1	seq
.....ugaagcacugagcucgg.....	1	0	seq
.....ugaagcacugagcucgggaa.....	1	0	seq

Provisional ID :mun-miR-222
 Score total : 1965.1
 Score for star read(s) : 3.9
 Score for read counts : 1955.3
 Score for mfe : 1.3
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 3847
 Mature read count : 3747
 Loop read count : 0
 Star read count : 100



Star

Mature

5' -	obs	reads	mm	sample
gucaaccagaacauguaguugcccaucaau	-3'			
cgucucagucagugagauuc	exp			
ugucuuuacaau				
cagcagcuacaucugguc				
ucugaugacaucuccuauc				
.....				
.....cgucucagucagugagau.....	1	0	seq	
.....cgucucagucagugagau.....	4	0	seq	
.....Agcucagucagugagau.....	1	1	seq	
.....cgucucagucagugagau.....	21	0	seq	
.....cgucucagucagugagauCu.....	1	1	seq	
.....cgucucagucagugagauuc.....	53	0	seq	
.....cgucucagucagugagauuc.....	1	1	seq	
.....Agcucagucagugagauuc.....	1	1	seq	
.....cgucucagucagugagauuc.....	10	0	seq	
.....cgucucagucagugagauucguc.....	1	0	seq	
.....gucucagucagugagauucgucuuac.....	1	0	seq	
.....cucagucagucagugagauucC.....	1	1	seq	
.....cucagucagucagugagauuc.....	2	0	seq	
.....ucagucagucagugagauuc.....	2	0	seq	
.....ucagucagucagugagauucguc.....	1	0	seq	
.....cugucuuuacaau				
cagcagcuacaucugguc				
ucugaugacaucuccuauc				
.....cagcagcuacaucugguc.....	3	0	seq	
.....cagcagcuacaucugguc.....	5	0	seq	
.....agcuacaucuggucucug.....	1	0	seq	
.....agcuacaucuggucucug.....	5	0	seq	
.....agcuacaucuggucucugg.....	8	0	seq	
.....agcuacaucuggucucuggA.....	6	1	seq	
.....agcuacaucuggucucuggu.....	54	0	seq	
.....agcuacaucuggucucugguU.....	3	1	seq	
.....Ggcuacaucuggucucugguc.....	1	1	seq	
.....agcuacaucuggucucugguc.....	91	0	seq	
.....agcuacaucuggucucuggucC.....	1	1	seq	
.....agcuacaucuggucucugguA.....	1	1	seq	
.....agcuacaucuggucucuggucG.....	1	1	seq	
.....agcuacaucuggucucuggucU.....	724	0	seq	
.....agcuacaucuggucucugguAu.....	2	1	seq	
.....agcuacaucuggucucuggucCu.....	1	1	seq	
.....agcuacGucuggucucuggucU.....	1	1	seq	

Star

Mature

Sequence	Count	Count	Type
gucaaccagaacauguaguugcceaacaau			
.....agcuacaucuggcuacugggucA.....	12	1	seq
.....agcuacaucuggcuUcugggucU.....	1	1	seq
.....CgcuacaucuggcuacugggucU.....	1	1	seq
.....agcuacaucuggcuacugggucC.....	2	1	seq
.....agcuacaucuggcuAugggucU.....	1	1	seq
.....agcuacaucuggcuacugggUu.....	4	1	seq
.....agcuacaucuggcuacugggucC.....	1808	0	seq
.....agcCacaucuggcuacugggucU.....	1	1	seq
.....agcuacaucuggcuacugggucA.....	1	1	seq
.....agcuacaucuggcuacugAgucU.....	1	1	seq
.....agcuacaucUgcuacugggucU.....	1	1	seq
.....agcuacaUuggcuacugggucU.....	1	1	seq
.....GgcuacaucuggcuacugggucU.....	2	1	seq
.....agcuacaucuggcuacuggUucU.....	1	1	seq
.....agAuaucuggcuacugggucU.....	1	1	seq
.....agcuacaucuggcuacugggGuc.....	3	1	seq
.....agcuacaUuggcuacugggucU.....	1	1	seq
.....agcuacaucuggcuacugggucU.....	63	1	seq
.....agcuacaucuggcuGcugggucU.....	1	1	seq
.....agcuacaucuggcuacugggucUu.....	26	1	seq
.....agcuacaucuggcuacugggAcucU.....	1	1	seq
.....agcuacaucuggcuacugggucA.....	10	1	seq
.....agcuacaucuggcuacugggucucU.....	766	0	seq
.....agcuacaucuggcuacugggGcucU.....	4	1	seq
.....agcuAaucuggcuacugggucucU.....	1	1	seq
.....agcuacaucuggUuacugggucucU.....	1	1	seq
.....agcuacaucAggcuacugggucucU.....	1	1	seq
.....agcuacaucuggcuacugggucGcu.....	1	1	seq
.....agcuacaucuggcuacugggucucG.....	1	1	seq
.....agcuacaucuggcuacugggucucC.....	3	1	seq
.....agcuacaucuggcuAugggucucU.....	1	1	seq
.....agcuacaucuggcuacugggucucC.....	1	1	seq
.....agcuacaucuggcuacugggucucA.....	2	1	seq
.....agcuacaucuggcuacugggucucU.....	38	1	seq
.....agcuacaucuggcuacugggucucUau.....	3	1	seq
.....gcuacaucuggcuacugUgucU.....	1	1	seq
.....gcuacaucuggcuacugggucU.....	4	0	seq
.....gcuacaucuggcuacugggucU.....	2	0	seq
.....gcuacaucuggcuacugggucucU.....	1	0	seq
.....cuacaucuggcuacugggucU.....	8	0	seq
.....cuacaucuggcuacugggucU.....	2	1	seq
.....cuacaucuggcuacugggucU.....	23	0	seq
.....cuacaucuggcuacugggucucU.....	15	0	seq
.....cuacaucuggcuacugggucucC.....	7	1	seq
.....cuacaucuggcuacugggucUu.....	4	1	seq
.....cuacaucuggcuacugggucucA.....	3	1	seq
.....cuacaucuggcuacugggucucU.....	2	1	seq
.....acaucuggcuacugggucucU.....	1	0	seq

Mature

Star

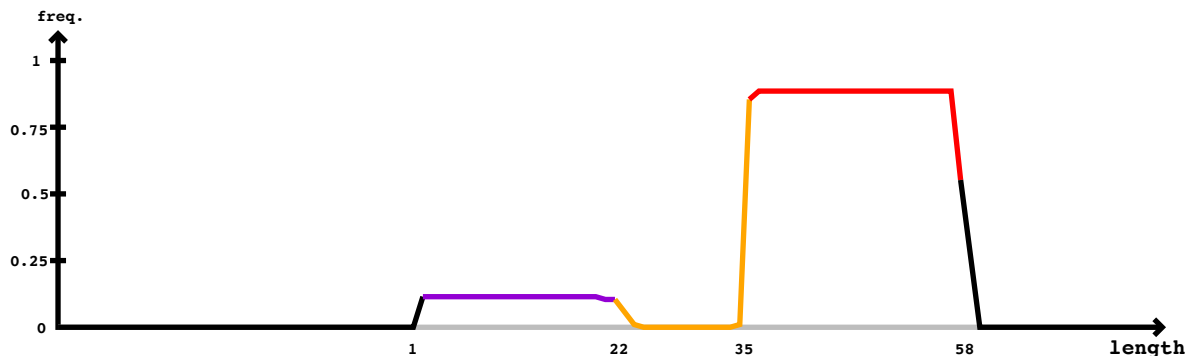
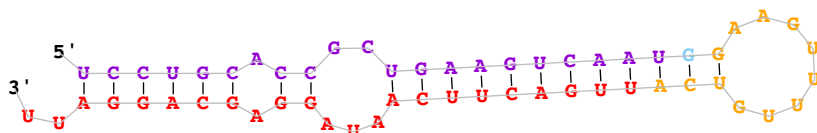
Sequence	Count	Count	Type
ugguuucgucagaguaaagc	1652	0	seq
caaagugcuuacagucagguaU	1	1	seq
caaagugcuuacagucagguaC	16	1	seq
caaagugcuuacagucagguaU	221	1	seq
caaagugcuuacagGcagguaG	1	1	seq
caaagugcuuacagucagguaUg	5	1	seq
UaaagugcuuacagucagguaG	1	1	seq
caaagugcuuacagucagguaUag	1	1	seq
GaaagugcuuacagucagguaG	1	1	seq
caaagugcuuacagucagguaA	73	1	seq
caaagugcuuacagucagguaAu	3	1	seq
caaagugcuuacagucagguaA	63	1	seq
caaagugcuuacaUgcagguaG	1	1	seq
AaaagugcuuacagucagguaG	82	1	seq
caaagGgcuuacagucagguaG	1	1	seq
caaagugcuuacagucagguaG	1	1	seq
caaagugcuuacagucagguaUu	29	1	seq
caaagugcuuacagucagguaCagu	1	1	seq
caaagugcuuacagucagguaGgguagu	1	1	seq
caaagugcuuacagucagguaCu	1	1	seq
caaagugcuuacagucagguaG	711	0	seq
caaagugcuuacagucagguaGug	1	0	seq
caaagugcuuacagucagguaGU	19	1	seq
aaagugcuuacagucaggua	1	0	seq
aaagugcuuacagucagguaG	4	0	seq
aaagugcuuacagucagguaU	1	1	seq
aagugcuuacagucagguaUu	1	1	seq
aagugcuuacagucagguaG	2	0	seq
uacagucagguaGauguaauagaaccu	2	0	seq
gugauguauagaaccuacugcagugaaggcacuuguagc	1	0	seq
ugauguauagaaccuacugcagugaaggcacuuguagcU	1	1	seq
cuacugcagugaaggcacuug	1	0	seq
cuacugcagugaaggcacuugu	8	0	seq
cuacugcagugaaggcacuuguU	1	1	seq
cuacugcagugaaggcacuugua	1	0	seq
uacugcagugaaggcacuugu	4	0	seq
uacugcagugaaggcacuugua	14	0	seq
uacugcagugaaggcacuuguU	1	1	seq
uacugcagugaaggcacuuguag	2	0	seq
uacugcagugaaggcacuuguagU	1	1	seq
uacugcagugaaggcacuuguagcU	1	1	seq
acugcagugaaggcacuug	17	0	seq
acugcagugaCggcacuug	1	1	seq
acugcagugaagCcacuug	1	1	seq
acugcagugaaggcacuugu	65	0	seq
acugcagugaaggcacuugC	1	1	seq
acugcagugaaggcacuuguU	4	1	seq
acugcagugaaggcacuugua	57	0	seq
acugcagugaaggcacuugCa	1	1	seq
Gcugcagugaaggcacuuguag	2	1	seq
acugcagugaaggcacuuguaA	5	1	seq
acugcagugaaggcacuuguaU	3	1	seq
acugcagugaaggcacuuguag	39	0	seq
acugcagugaaggcacuuguagU	37	1	seq
acugcagugaaggcacuuguagc	56	0	seq
acugcagugaaggcacuuguagA	4	1	seq
acugcagugaaggcacuuguagcU	108	1	seq
acugcagugaaggcacuuguagAa	1	1	seq
acugcagugaaggcacuuguagcUu	3	1	seq
cugcagugaaggcacuugu	4	0	seq
cugcagugaaggcacuugua	4	0	seq
cugcagugaaggcacuuguag	10	0	seq
cugcagugaaggcacuuguaU	1	1	seq
cugcagugaaggcacuuguagc	80	0	seq
cugcagugaaggcacuuguagU	16	1	seq
cugcagugaaggcacuuguagA	2	1	seq
cugcagugaaggcacuuguaCc	1	1	seq
cugcagugaaggcacuuguagca	9	0	seq
cugcagugaaggcacuuguagcG	1	1	seq

Mature

Star

ugguuucgucagagaaugcaaaagugcuuacagugcagguagugauguauagaaccua	cugcagugaaggcacuuguagcauuauugacaacugccucaggagacuugc			
.....	.cugcagugaaggcacuuguagcU.....	185	1	seq
.....	.cugcagugaaggcacuuguagcUu.....	5	1	seq
.....	.ugcagugaaggcacuuguagc.....	1	0	seq
.....	.gugaaggcacuuguagcU.....	1	1	seq
.....	.auuauugacaacugccucagg.....	1	0	seq

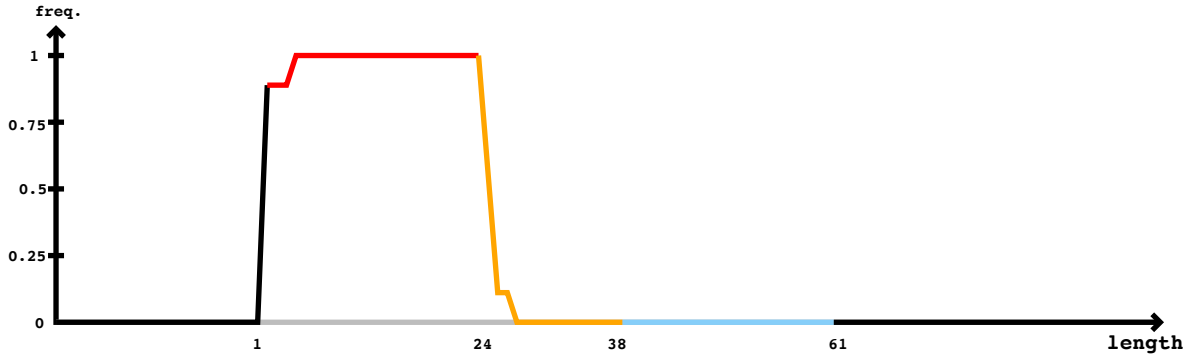
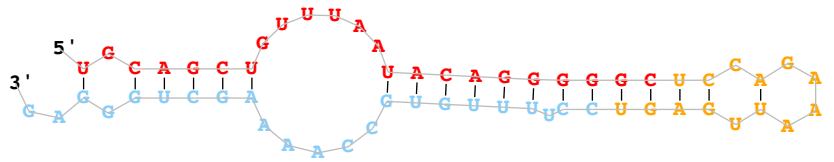
Provisional ID : mun-miR-1677
 Score total : 53.4
 Score for star read(s) : 3.9
 Score for read counts : 43
 Score for mfe : 1.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 96
 Mature read count : 85
 Loop read count : 0
 Star read count : 11



Star **Mature**

5' -	Star	Mature	-3'	obs	exp	reads	mm	sample
agaaaacagauuuagcuguguugcucagggucuga	uccugcaccgcugaagucaau	gaaguuuugucauugacucaauaggagcaggauu	ugaaccuuaugcucuaucag			1	0	seq
agaaaacagauuuagcuguguugcucagggucuga	uccugcaccgcugaagucaau	gaaguuuugucauugacucaauaggagcaggauu	ugaaccuuaugcucuaucag			5	0	seq
.....	uccugcaccgcugaagucaau	.....	.....			3	0	seq
.....	uccugcaccgcugaagucaau	.....	.....			1	1	seq
.....	uccugcaccgcugaagucaau	.....	.....			1	1	seq
.....	.....	auagacucaauaggagcaggau	.....			1	0	seq
.....	.....	uugacucaauaggagcaggau	.....			30	0	seq
.....	.....	Augacucaauaggagcaggau	.....			1	1	seq
.....	.....	uugacucaauaggagcaggauu	.....			47	0	seq
.....	.....	uugacucaauaggagcaggauu	.....			2	1	seq
.....	.....	uugacucaauaggagcaggauu	.....			1	0	seq
.....	.....	ugacucaauaggagcaggauu	.....			3	0	seq

Provisional ID : mun-novel34
 Score total : 0
 Score for star read(s) : -1.3
 Score for read counts : -1.3
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 9
 Mature read count : 9
 Loop read count : 0
 Star read count : 0



Mature

Star

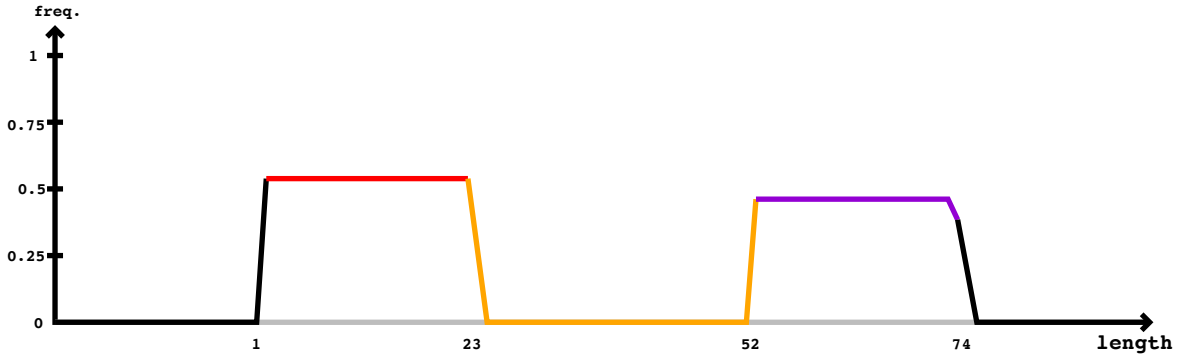
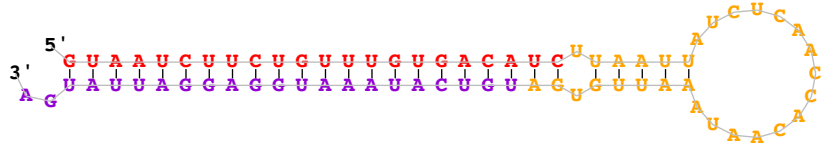
5' - auuaguagguguacaguacc ugcagcuguuuuuuacagggggcuccagaaauugagu ccuuuugugccaaaagcugggagcugugauggcuaagucaggagagcgccugagg -3'	exp		
.((((.....(((((((.....((((((((((((((.....))))))))).....)))))).....))))).((((.....))))..	reads	mm	sample
..... ugcagcuguuuuuuacagggggc	6	0	seq
..... ugcagcuguuuuuuacagggggcu	2	0	seq
..... agcuguuuuuuacagggggcucc	1	0	seq

Mature

Star

cuucuguaggcuguauuguu <u>uaa</u> aucuaa <u>ucg</u> uga <u>aggg</u> uuuu <u>uacc</u> ucgacuga <u>cuccu</u> acauuuagcauu <u>aa</u> acacuguaucaugccucu <u>uacc</u> agaaucac			
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uu <u>uu</u>	1	1	seq
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uuuu.....	29	0	seq
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uuuA.....	1	1	seq
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uuuu.....	3	0	seq
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uuuuA.....	1	1	seq
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uuuCu.....	1	1	seq
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uuuuA.....	1	1	seq
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uuuuU.....	2	1	seq
.....uuaa <u>auc</u> uaa <u>ucg</u> uga <u>aggg</u> uuuu <u>uacc</u> ucgacu.....	5	0	seq
..... <u>u</u> aa <u>uc</u> uaa <u>ucg</u> uga <u>aggg</u> uu.....	1	0	seq
.....cuguaucaugccucu <u>uacc</u> agaaucac	1	0	seq

Provisional ID : mun-novel95
 Score total : 7.4
 Score for star read(s) : 3.9
 Score for read counts : 0.6
 Score for mfe : 1.8
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 13
 Mature read count : 7
 Loop read count : 0
 Star read count : 6

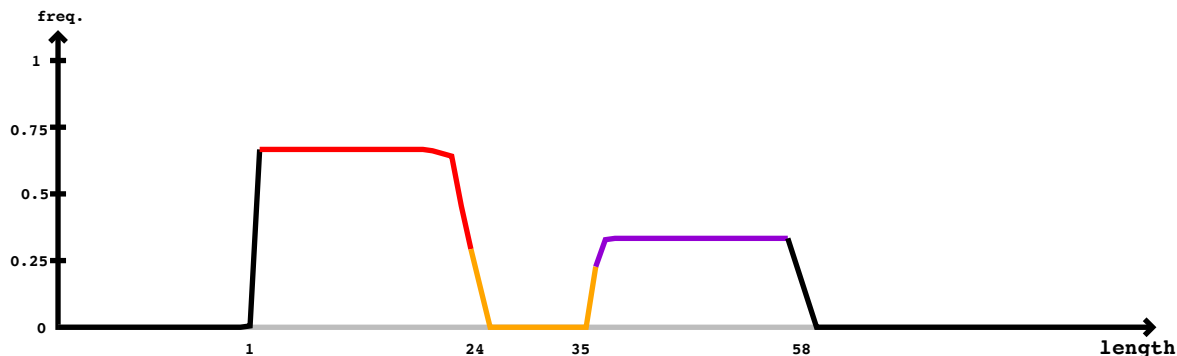
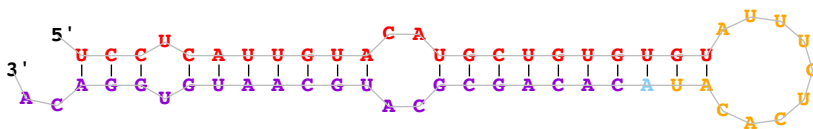


Mature

Star

<p>5' - cuaauugccuaccugaaauuuguaaucuucguguuugugacaucuuaaauaucaucaaccacaauaaauugugaugucaaaauaggaggauuaugacuauuggguuggaaugcaa -3'</p> <p>cuaauugccuaccugaaauuuguaaucuucguguuugugacaucuuaaauaucaucaaccacaauaaauugugaugucaaaauaggaggauuaugacuauuggguuggaaugcaa</p> <p>... ((((((.....)))....)))....</p> <p>......guaaucuucguguuugugacauc.....</p> <p>......ugucaaaauaggaggauuaug.....</p> <p>......ugucaaaauaggaggauuauga.....</p>	<p>obs</p> <p>exp</p> <table border="1"> <thead> <tr> <th>reads</th> <th>mm</th> <th>sample</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>0</td> <td>seq</td> </tr> <tr> <td>1</td> <td>0</td> <td>seq</td> </tr> <tr> <td>5</td> <td>0</td> <td>seq</td> </tr> </tbody> </table>	reads	mm	sample	7	0	seq	1	0	seq	5	0	seq
reads	mm	sample											
7	0	seq											
1	0	seq											
5	0	seq											

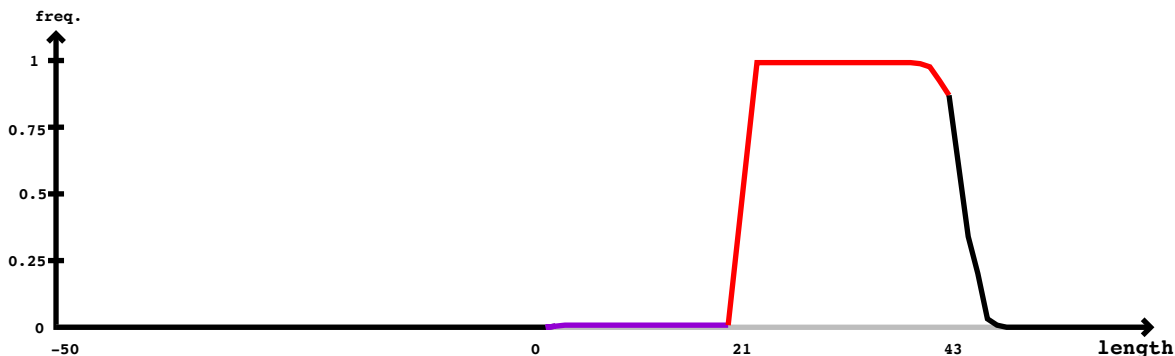
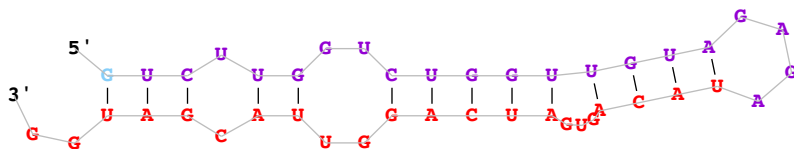
Provisional ID : mun-miR-460b
 Score total : 105.6
 Score for star read(s) : 3.9
 Score for read counts : 95
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 198
 Mature read count : 132
 Loop read count : 0
 Star read count : 66



Mature **Star**

5' -					-3'	obs	mm	sample
					exp			
cucuucugggcucuauagug	uccucauuguacaugcugugugua	uuuugucacau	acacagcgcaugcaauguggaca	uaauggagcuc	acacuuacgccugaggagauaaaauc			
cucuucugggcucuauagug	uccucauuguacaugcugugua	uuuugucacau	acacagcgcaugcaauguggaca	uaauggagcuc	acacuuacgccugaggagauaaaauc			
(((((.....)))))).....								
.....	Auccucauuguacaugcug	.....				reads		
.....	uccucauuguacaugcugu	.....				1	1	seq
.....	uccucauuguacaugcugug	.....				2	0	seq
.....	uccucauuguacaugcugugA	.....				2	0	seq
.....	uccucauuguacaugcugugG	.....				1	1	seq
.....	uccucauuguacaugcugugG	.....				4	1	seq
.....	uccucauuguacaugcugugU	.....				32	0	seq
.....	uccucauuguacaugcugugU	.....				1	1	seq
.....	uccucauuguacaugcugugG	.....				31	0	seq
.....	uccucauuguacaugcugugG	.....				6	1	seq
.....	uccucauuguacaugcugugA	.....				45	1	seq
.....	uccucauuguacaugcugugU	.....				6	0	seq
.....	uccucauuguacaugcugugAa	.....				1	1	seq
.....	.....	.....	cacagcgcgcaauguggac	.....	.....	1	1	seq
.....	.....	.....	cacagcgcaugcaauguggac	.....	.....	13	0	seq
.....	.....	.....	cacagcgcaugcaauCuggac	.....	.....	1	1	seq
.....	.....	.....	cacagcgcaugcaauguggacU	.....	.....	22	1	seq
.....	.....	.....	cacagcgcaugcaauguggaca	.....	.....	6	0	seq
.....	.....	.....	cacagcgcaugcaauguggacC	.....	.....	2	1	seq
.....	.....	.....	acagcgcaugcaauguggac	.....	.....	5	0	seq
.....	.....	.....	acagcgcaugcaauguggaca	.....	.....	2	0	seq
.....	.....	.....	acagcgcaugcaauguggacU	.....	.....	10	1	seq
.....	.....	.....	acagcgcaugcaauguggacC	.....	.....	1	1	seq
.....	.....	.....	acagcgcauUcaauguggaca	.....	.....	1	1	seq
.....	.....	.....	acagcgcaugcaauguggacau	.....	.....	1	0	seq
.....	.....	.....	cagcgcaugcaauguggac	.....	.....	1	0	seq

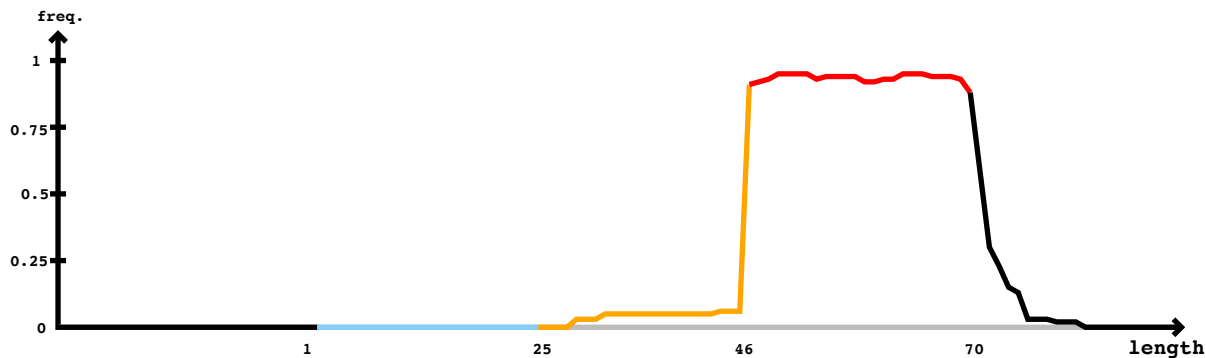
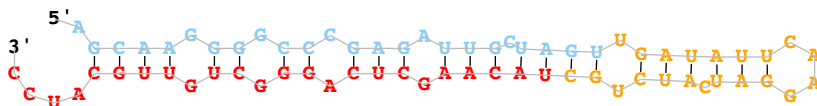
Provisional ID : mun-novel57
 Score total : 4.2
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 0.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 253
 Mature read count : 251
 Loop read count : 0
 Star read count : 2



Star Mature

5' -	Star	Mature	-3'	obs	mm	sample
			exp			
5' -	ugcuguguuguuacaagcaugcaucuguguguacuagugcuagagaaaaag	ucucuggucugguuguagaga	uacagugaucagguuacgaugg	uuucucaaguaacaaccuc	-3'	obs
	ugcuguguuguuacaagcaugcaucuguguguacuagugcuagagaaaa	gucucuggucugguuguagaga	uacagugaucagguuacgaugg	uuucucaaguaacaaccuc		exp
	.....(((((((.....)))))).....(((((((.....)))))).....)	.....(((((((.....)))))).....)	.....(((((((.....)))))).....)	.....(((((((.....)))))).....)	reads	mm
	.....ucucuggucugguuguagaga.....	.....uacagugaucagguuacg.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacgau.....	1	0
	.....cuuggucugguuguagaga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	1	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	1	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	2	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	13	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	2	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	1	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	1	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	10	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	59	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	5	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	28	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	38	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	1	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	2	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	4	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	14	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	1	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	17	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	1	1
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	3	0
	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	.....uacagugaucagguuacga.....	2	0
	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	1	0
	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	3	0
	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	14	0
	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	1	1
	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	23	0
	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	1	1
	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	.....acagugaucagguuacga.....	3	0

Provisional ID : mun-novel79
Score total : 1.4
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 : -0.6
Total read count : 92
Mature read count : 91
Loop read count : 1
Star read count : 0



Star

Mature

5' -	Seq	-3'	exp	reads	mm	sample
gguuccaugugauauagcccuagg	agcaaggggcccgagauugcuagu	ugauuucaaggaucaucug	cuacaagcucagggcuguugcaucc	cgacuagaaggaaugggcaa		
(((((((.....)))))).....)					
	.....uauucaaggaucaGcugcu.....			1	1	seq
	.....uauucaaggaucaGcugcuacaagc.....			2	1	seq
	.....ucaaggaucaucugcuacaagcucagA.....			1	1	seq
	.....ucaaggaucaucugcuacaagcucagg.....			1	0	seq
	.....ugcuacaagcucaggAcuguug.....			1	1	seq
	.....uacaagcucaggAcuguugcau.....			1	1	seq
	.....uacaagcucaggAcuguugcauc.....			4	1	seq
	.....uacaagcucagggcuguugcauc.....			1	0	seq
	.....uacaagcucagggcuguugcaucc.....			1	0	seq
	.....uacaagcucaggAcuguugcaucc.....			40	1	seq
	.....uacaagcucaggGuguugcaucc.....			1	1	seq
	.....uacaagcucagggcuguugcauccc.....			5	0	seq
	.....uacaagcucaggAcuguugcauccc.....			8	1	seq
	.....uacaagcucagggcuguugcaucccg.....			3	0	seq
	.....uacaagcucaggAcuguugcaucccg.....			3	1	seq
	.....uacaagcucagggcuguugcaucccga.....			4	0	seq
	.....uacaagcucaggAcuguugcaucccga.....			2	1	seq
	.....uacaagcucagggcuguugcaucccG.....			1	1	seq
	.....uacaagcucaggAcuguugcaucccgcac.....			1	1	seq
	.....uacaagcucagggcuguugcaucccgacu.....			9	0	seq
	.....uacaagcucagggcuguugcaucccgacA.....			1	1	seq
	.....acaagcucaggAcuguugcaucc.....			1	1	seq
	.....acaagcucaggAcuguugcauccc.....			1	1	seq
	.....caagcucagggcuguugcaucccgac.....			1	0	seq
	.....aagcucaggAcuguugcaucc.....			1	1	seq
	.....aagcucaggAcuguugcaucccg.....			1	1	seq
	.....caggAcuguugcaucccg.....			1	1	seq
	.....uguugcauccGgacuaga.....			1	1	seq
	.....uugcaucccgacuagaagg.....			1	0	seq
	.....uugcaucccgUcuagaagg.....			1	1	seq

Mature

Star

cuuuguggugccggcgccggcaacggaaucccaaaagcagcugccccgugugccagcugccugggguuucguuaccgcgcugccgccuccugccucgccccacagc

.....caGcggaaucccaaaagcagc.....	1	1	seq
.....caacggaauccAaaaagcagc.....	1	1	seq
.....Aaacggaaucccaaaagcagc.....	2	1	seq
.....caacggaaucccaaaAacagc.....	1	1	seq
.....caacggaaucccaaaagcagcA.....	63	1	seq
.....caacggaauccUaaaagcagcu.....	8	1	seq
.....caacggaaucccaaaagAagcu.....	6	1	seq
.....Uaacggaaucccaaaagcagcu.....	7	1	seq
.....caacggaaucccaaaagcaUcu.....	1	1	seq
.....caacggaaucccaaaagcaAcu.....	1	1	seq
.....caacggaauccGcaaaagcagcu.....	1	1	seq
.....caacAgaaucccaaaagcagcu.....	1	1	seq
.....caacggaaucccaaaAacagcu.....	1	1	seq
.....caacggaaucccaCaagcagcu.....	1	1	seq
.....caacggaauccAaaaagcagcu.....	1	1	seq
.....caacggaaucccaaaCcagcu.....	2	1	seq
.....Gaacggaaucccaaaagcagcu.....	6	1	seq
.....caacggaaucccaaaagGagcu.....	1	1	seq
.....caacggaaucccaUaagcagcu.....	1	1	seq
.....caacggaaucccaaaCgcagcu.....	1	1	seq
.....caacggaaucccaaaGgcagcu.....	2	1	seq
.....caacggaaucccaaaUcagcu.....	1	1	seq
.....caacgAaaucceaaagcagcu.....	1	1	seq
.....caacggaaucccaaaagcagcu.....	2	1	seq
.....caacCgaaucccaaaagcagcu.....	1	1	seq
.....caacggaUucccaaaagcagcu.....	1	1	seq
.....caacUgaaucccaaaagcagcu.....	1	1	seq
.....Aaacggaaucccaaaagcagcu.....	8	1	seq
.....caacggaaucccaaaagcGgcu.....	1	1	seq
.....caacggaauUcccaaaagcagcu.....	4	1	seq
.....caacggaauAcccaaaagcagcu.....	2	1	seq
.....caacggaaucccaaaagcagcC.....	4	1	seq
.....caacggaaucccaaaagUagcu.....	190	1	seq
.....caaAggaaucccaaaagcagcu.....	2	1	seq
.....caacggaaucccaaaagcagcu.....	9590	0	seq
.....caacggaauccAcaaaagcagcu.....	2	1	seq
.....caacggGaucccaaaagcagcu.....	2	1	seq
.....caacggaaucccaaaagcagcG.....	30	1	seq
.....caacggaaucccaaaagcagUu.....	1	1	seq
.....caGcggaaucccaaaagcagcu.....	3	1	seq
.....caacgCaaucceaaagcagcu.....	4	1	seq
.....caacggaauccUcaaaagcagcu.....	45	1	seq
.....caaGggaaucccaaaagcagcu.....	1	1	seq
.....cGacggaaucccaaaagcagcu.....	1	1	seq
.....caacggUaucccaaaagcagcu.....	1	1	seq
.....caacggaaucccaaaagcUgcug.....	6	1	seq
.....caacggaauccAaaaagcagcug.....	10	1	seq
.....Aaacggaaucccaaaagcagcug.....	45	1	seq
.....caacggaauccAcaaaagcagcug.....	8	1	seq
.....caacggaaucccaaaagcagGug.....	3	1	seq
.....cGacggaaucccaaaagcagcug.....	3	1	seq
.....caacggaaucccaaaagcagcug.....	1	1	seq
.....caacggaaucccaaaagcagcug.....	3	1	seq
.....caacggaaucccaaaagcagcug.....	5	1	seq
.....caacggaaucccaaaUcagcug.....	11	1	seq
.....caaGggaaucccaaaagcagcug.....	2	1	seq
.....caacggaaucccaaaagAagcug.....	8	1	seq
.....caacgAaaucceaaagcagcug.....	3	1	seq
.....caacgCaaucceaaagcagcug.....	5	1	seq
.....caacggaaucccaaaagcagcug.....	3	1	seq
.....caacggaaucccaaaagcagcug.....	6	1	seq
.....caacggUaucccaaaagcagcug.....	3	1	seq
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.....caaUggaaucccaaaagcagcug.....	3	1	seq
.....caacggaaucccaaaagcagcug.....	5	1	seq
.....caacggaaucccaaaagcaAcug.....	4	1	seq
.....caacggaaucccaaaCagcagcug.....	1	1	seq
.....caacggaaucccaaaagcaUcug.....	9	1	seq
.....caacggaaucccaUaagcagcug.....	3	1	seq

Mature

Star

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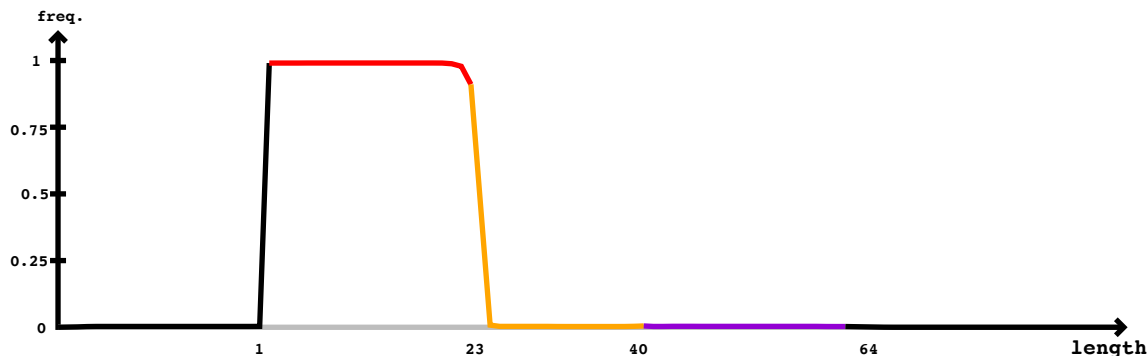
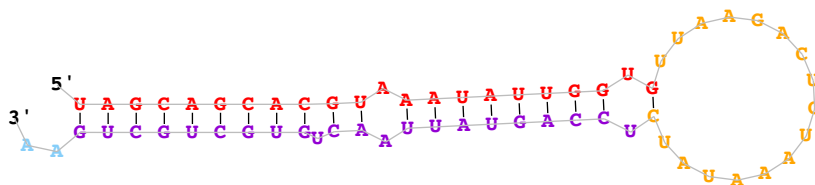
.....caGcggaaucccaaaagcagcug.....	16	1	seq
.....caacggaaucccaaaagUagcug.....	227	1	seq
.....Uaacggaaucccaaaagcagcug.....	6	1	seq
.....caacggaaucccaCaagcagcug.....	2	1	seq
.....caacggaaucccaaaagGagcug.....	1	1	seq
.....caacggaaucccaaaCgcagcug.....	1	1	seq
.....caacUgaaucccaaaagcagcug.....	7	1	seq
.....caacggaaucccaaaagcagcAg.....	3	1	seq
.....caacgUaaucceaaagcagcug.....	4	1	seq
.....caacggaaucccaaaagcagcCg.....	10	1	seq
.....caacggaaucccaaaagcGgcug.....	6	1	seq
.....caacggaaucccaaaagcagcuA.....	150	1	seq
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.....caacAgaaucccaaaagcagcug.....	8	1	seq
.....caCcggaaucccaaaagcagcug.....	2	1	seq
.....caacCgaaucccaaaagcagcug.....	2	1	seq
.....caacggaaucccaaaagcagcug.....	47861	0	seq
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.....caacggaauccGcaaaagcagcug.....	3	1	seq
.....caacggCaucccaaaagcagcug.....	2	1	seq
.....caacggaauCcccaaaagcagcug.....	2	1	seq
.....caacggaauccUaaaagcagcug.....	20	1	seq
.....caacggaauUcaaaagcagcug.....	8	1	seq
.....caacggaaucccaaaagcagAug.....	6	1	seq
.....caacggaauccGaaagcagcug.....	6	1	seq
.....Gaacggaaucccaaaagcagcug.....	42	1	seq
.....caacggGaucccaaaagcagcug.....	6	1	seq
.....caacggaaucccaaaagcaCcug.....	2	1	seq
.....caacggaaucccaaaagcagcuU.....	1688	1	seq
.....caaAggaaucccaaaagcagcug.....	14	1	seq
.....caacggaaucccaaaagcagcug.....	18	1	seq
.....caacggaaucccCaaagcagcug.....	6	1	seq
.....caacggaaucccaaaagcagUug.....	1	1	seq
.....caacggaauccGaaaagcagcug.....	3	1	seq
.....caacggaaucccaaaagCagcug.....	2	1	seq
.....caacggaauAcccaaaagcagcug.....	7	1	seq
.....caUcggaaucccaaaagcagcug.....	2	1	seq
.....caacggaaucccaaaagcagcGg.....	75	1	seq
.....caacggaauccAaaaagcagcugu.....	1	1	seq
.....caacggaaucccaaaagcaCcugu.....	1	1	seq
.....caacggaaucccaaaagcagcugC.....	4	1	seq
.....caacgUaaucceaaagcagcugu.....	3	1	seq
.....caacggaaucccaaaagcagcAgu.....	1	1	seq
.....caacggaaucccaaaagcagcuUu.....	341	1	seq
.....caGcggaaucccaaaagcagcugu.....	3	1	seq
.....Gaacggaaucccaaaagcagcugu.....	2	1	seq
.....caacggaaucccaaaagcaAcugu.....	1	1	seq
.....caacggaaucccaaaagcagcugA.....	126	1	seq
.....caacggaauUcccaaaagcagcugu.....	1	1	seq
.....caacggaaucccaaaagcagcugu.....	3	1	seq
.....caacggaaucccaaaagUagcugu.....	12	1	seq
.....caacggaaucccaaaagcagcuAu.....	49	1	seq
.....Uaacggaaucccaaaagcagcugu.....	2	1	seq
.....caacggaaucccaaaagcagcugu.....	3778	0	seq
.....caacggaaucccaGaaagcagcugu.....	1	1	seq
.....caacggaaucccaaaagAagcugu.....	2	1	seq
.....caacggaauccUaaaagcagcugu.....	1	1	seq
.....caacggUaucccaaaagcagcugu.....	2	1	seq
.....caacggaaucccaaaagcGgcugu.....	2	1	seq
.....caacggaauUcaaaagcagcugu.....	2	1	seq
.....caaAggaaucccaaaagcagcugu.....	1	1	seq
.....caacggaaucccaaaagcagcugG.....	9	1	seq
.....caacggaaucccaaaagcagcuCu.....	11	1	seq
.....caacggaaucccaaaagcagcugu.....	1	1	seq
.....Aaacggaaucccaaaagcagcugu.....	1	1	seq
.....caacgAaaucceaaagcagcugu.....	1	1	seq
.....caacggaaucccaaaagcagcuguA.....	12	1	seq
.....caacggaaucccaaaagcagcuguU.....	17	1	seq
.....caacggaaucccaaaagcagcuguG.....	1	1	seq
.....caacggaaucccaaaagcagcugccc.....	1	0	seq

Mature

Star

cuuuguggugccggcgcggaacggaaucccaaaagcagcuguccccgcugugccagcugcccgguuuucguuaccgcgcugcccccugccuagccccacagc			
.....caacggaaucccaaaagcagcuguccccgc.....	2	0	seq
.....aacggaaucccaaaagcag.....	1	0	seq
.....aacggaaucccaaaagcagc.....	1	0	seq
.....aacggaaucccaaaagcagcu.....	15	0	seq
.....aacggaaucccaaaagcaUcug.....	1	1	seq
.....aacggaaucccaaaagcagcuU.....	3	1	seq
.....aGcggaauccecaaaagcagcug.....	1	1	seq
.....aacggaaucccaaaagcagcug.....	125	0	seq
.....aacggaauccUaaaagcagcug.....	1	1	seq
.....aacggaaucccaaaagcagcugu.....	17	0	seq
.....acggaaucccaaaagcagcug.....	8	0	seq
.....acggaaucccaaaagcagcuC.....	1	1	seq
.....acggaaucccaaaagcagcuUu.....	1	1	seq
.....acggaaucccaaaagcagcugu.....	16	0	seq
.....acggaaucccaaaagcagcuguA.....	1	1	seq
.....gaauccecaaaagcagcug.....	1	0	seq
.....gcugcccgguuuucguuacc.....	3	0	seq
.....cugcccgguuuucguuau.....	1	1	seq
.....cugcccgguuuucguuac.....	9	0	seq
.....cugcccgguuuucguuGcc.....	1	1	seq
.....cugcccgguuuucguuacc.....	19	0	seq
.....cugcccgguuuucguuacU.....	6	1	seq
.....cugcccgguuuucguuaccU.....	7	1	seq
.....cugcccgguuuucguuacc.....	1	0	seq
.....cugcccgguuuucguuaccA.....	1	1	seq
.....cugcccgguuuucguuaccU.....	1	1	seq
.....ugcccgguuuucguuacc.....	1	0	seq

Provisional ID : mun-miR-16a
 Score total : 3120
 Score for star read(s) : 3.9
 Score for read counts : 3110.1
 Score for mfe : 1.4
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 6112
 Mature read count : 6075
 Loop read count : 17
 Star read count : 20



Mature

Star

5' -	reads	mm	sample
ugcugaugucugucgauaccu <u>uagcagcacguaaaauugguguu</u> aagacuguaaaau <u>aucuccaguuuuaacugugcugcuga</u> agaaaggcuagccacuuccgcauguga			seq
ugcugaugucugucgauaccu <u>uagcagcacguaaaauugguguu</u> aagacuguaaaau <u>aucuccaguuuuaacugugcugcuga</u> agaaaggcuagccacuuccgcauguga			seq
((((-(((.....))))))))).....	8	0	seq
ugcugaugucugucgauaccu.....	8	0	seq
.gcugaugucugucgauaccu.....	3	0	seq
..cugaugucugucgauaccu.....	1	1	seq
.....Guagcagcacguaaaauuggug.....	1	0	seq
.....uagcagcacguaaaauu.....	15	0	seq
.....uagcagcacguaaaauuU.....	1	1	seq
.....uagcagcacgAaaauauggg.....	1	1	seq
.....uagcagcacguaaaauuggg.....	56	0	seq
.....uagcagcacguaaaauugU.....	2	1	seq
.....uagcagcacAuaaaauuggu.....	1	1	seq
.....uagcagcacguaaaauuggA.....	6	1	seq
.....uagcagcacUuaaaauuggu.....	1	1	seq
.....uagcagcacguaaaauuggu.....	408	0	seq
.....uagcagcacguaaaauugguC.....	3	1	seq
.....uagcagcacguaaaauGuggug.....	1	1	seq
.....uagcagcGcuaaaauuggug.....	1	1	seq
.....uagcagcacguaaaauugUug.....	1	1	seq
.....uagcagcacguaaaauuggGg.....	4	1	seq
.....uagcagcacguGaaauauggug.....	1	1	seq
.....uaUcagcacguaaaauuggug.....	1	1	seq
.....uagcagcacgGaaauauggug.....	1	1	seq
.....Aagcagcacguaaaauuggug.....	2	1	seq
.....uagcagUacguaaaauuggug.....	1	1	seq
.....uagcagcacguaaaauCuggug.....	1	1	seq
.....uagcagcacguaaaauuggCg.....	5	1	seq
.....uagcagcacguaaaauuAgug.....	2	1	seq
.....uagcagcacguaGauauggug.....	1	1	seq
.....Cagcagcacguaaaauuggug.....	1	1	seq
.....uagcagcacguaaaauUuggug.....	1	1	seq
.....uagcagcacguaaaauuggCug.....	1	1	seq
.....Gagcagcacguaaaauuggug.....	2	1	seq
.....uagcagcacgCaaauauggug.....	2	1	seq

Mature

Star

ugcugaugucugucgauaccu	uagcagcacguaaaauuggugu	uaagacuguaaaauauc	uccaguuuaacugugcugcuga	aaguaaggcuagccacuu	ccgcauguga			
.....	uagcagcaUguaaaauuggug	.....	.....	.....	.....	5	1	seq
.....	uagcagcacguaaaauuggAg	.....	.....	.....	.....	2	1	seq
.....	uUgcagcacguaaaauugguA	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauugguA	.....	.....	.....	.....	68	1	seq
.....	uagcagcacCuaaaauuggug	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauugguU	.....	.....	.....	.....	12	1	seq
.....	uagcagcacUuaaaauuggug	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauuggug	.....	.....	.....	.....	4114	0	seq
.....	uagcagcacguaaaauuggugG	.....	.....	.....	.....	74	1	seq
.....	uaUgcagcacguaaaauuggugu	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauugguUu	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauuCGugu	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauugguA	.....	.....	.....	.....	571	1	seq
.....	uagcagcaAguaaauuggugu	.....	.....	.....	.....	1	1	seq
.....	Cagcagcacguaaaauuggugu	.....	.....	.....	.....	1	1	seq
.....	uagcagcacguaaaauuggugu	.....	.....	.....	.....	653	0	seq
.....	uagcagcacguaaaauuggugC	.....	.....	.....	.....	3	1	seq
.....	uagcagcacguaaaauugguAu	.....	.....	.....	.....	8	1	seq
.....	uagcagcacguaaaauugguguu	.....	.....	.....	.....	25	0	seq
.....	uagcagcacguaaaauuggugAu	.....	.....	.....	.....	5	1	seq
.....	uagcagcacguaaaauugguguuagacu	.....	.....	.....	.....	2	0	seq
.....	uagcagcacguaaaauugguguuagacug	.....	.....	.....	.....	1	0	seq
.....	agcagcacguaaaauuggugu	.....	.....	.....	.....	1	0	seq
.....	agcagcuaaaauuggug	.....	.....	.....	.....	1	0	seq
.....	uuaagacuguaaaauacu	.....	.....	.....	.....	16	0	seq
.....	uuaagacuguaaaauaccagu	.....	.....	.....	.....	1	0	seq
.....	ucuccaguuuaacugugcug	.....	.....	.....	.....	1	0	seq
.....	cuccaguuuaacugugcugU	.....	.....	.....	.....	1	1	seq
.....	cuccaguuuaacugugcugcug	.....	.....	.....	.....	2	0	seq
.....	cuccaguuuaacugugcugcugU	.....	.....	.....	.....	1	1	seq
.....	uccaguuuaacugugcug	.....	.....	.....	.....	2	0	seq
.....	uccaguuuaacugugcugcug	.....	.....	.....	.....	3	0	seq
.....	uccaguuuaacugugcugcugU	.....	.....	.....	.....	2	1	seq
.....	uccaguuuaacugugcugcugaaU	.....	.....	.....	.....	1	1	seq
.....	ccaguuuaacugugcugcuga	.....	.....	.....	.....	1	0	seq
.....	ccaguuuaacugugcugcugU	.....	.....	.....	.....	2	1	seq
.....	ccaguuuaacugugcugcugaa	.....	.....	.....	.....	1	0	seq
.....	ccaguuuaacugugcugcugaaU	.....	.....	.....	.....	1	1	seq
.....	aguuuuaacugugcugcugaaU	.....	.....	.....	.....	2	1	seq
.....	aguuuuaacugugcugcugaaAu	.....	.....	.....	.....	1	1	seq

Mature

Star

uuacaaaaaggucacaaucaacaaucuucauugcugucggugguuuuacuauguggacaagcucacugaacaauugaugcaacuguggccccacauuuugcaguaccga

.....aacauucGuugcugucgguggg.....	1	1	seq
.....aacauucauugcugucgguUgg.....	1	1	seq
.....aGcauucuuugcugucgguggg.....	1	1	seq
.....aacauucauugcugucggGggg.....	6	1	seq
.....aacauucauugcugAcgguggg.....	1	1	seq
.....aacauucauugcCgucgguggg.....	1	1	seq
.....aacauucaAugcugucgguggg.....	1	1	seq
.....aacauucauugcugucgguggg.....	2179	0	seq
.....aacauucauugcugucUgugggu.....	1	1	seq
.....aacauucauugcugucgguggAu.....	40	1	seq
.....aacauucauugcugucggugggu.....	1	1	seq
.....aacauuUauugcugucggugggu.....	1	1	seq
.....Gacauucauugcugucggugggu.....	2	1	seq
.....aacauucauugcugucggugggu.....	2613	0	seq
.....aacauucauugcugucggugggA.....	417	1	seq
.....aacauucauugcugucggCgggu.....	2	1	seq
.....aacauucaAugcugucggugggu.....	1	1	seq
.....aacauucauugcugucggAggggu.....	2	1	seq
.....aacauucauugUugcggugggu.....	1	1	seq
.....aacauucauugcugucggugggG.....	104	1	seq
.....aacauucauugcugucggGgggu.....	1	1	seq
.....aacauAcauugcugucggugggu.....	1	1	seq
.....aacauucauugcugucgguggUu.....	7	1	seq
.....aacauucaCugcugucggugggu.....	1	1	seq
.....aacauucauugcuUucggugggu.....	1	1	seq
.....aacauucauugcugGcggugggu.....	2	1	seq
.....aacauucauugcuguUgugggu.....	2	1	seq
.....aacauucauugcugucgguggCu.....	3	1	seq
.....aacauucauugcuguAggugggu.....	1	1	seq
.....aaUauucauugcugucggugggu.....	1	1	seq
.....aacauuAauugcugucggugggu.....	1	1	seq
.....aacauucauugcugucggugggC.....	4	1	seq
.....aacauucUuugcugucggugggu.....	1	1	seq
.....aacauucauugcugucgguggUgu.....	1	1	seq
.....aacauucaAugcugucgguggguu.....	1	1	seq
.....aacauucauugcugucggGggguu.....	2	1	seq
.....Gacauucauugcugucgguggguu.....	1	1	seq
.....aacauucauugcugucggAgggguu.....	1	1	seq
.....aacauucauugcugucgguggguG.....	10	1	seq
.....aacauucauugcugucgguggCuu.....	1	1	seq
.....aacauucauugcuguAgguggguu.....	1	1	seq
.....aacauucauugcugucgguggguu.....	1327	0	seq
.....aacauucauugcugucggugggGu.....	4	1	seq
.....aacauucauugcugucggugggAu.....	28	1	seq
.....aacauucauugcugucgguggguA.....	20	1	seq
.....aacauGcauugcugucgguggguu.....	1	1	seq
.....aacauucauugcugucggugggGuu.....	1	1	seq
.....aacauucauugcugucggCggguuu.....	1	1	seq
.....aacauucauugcugucgguggguuA.....	5	1	seq
.....aacauucauuUcugucgguggguuu.....	1	1	seq
.....aacauucauugcugucggugggCuu.....	1	1	seq
.....aacauucauugcugucgguggguuC.....	4	1	seq
.....aacauucauugcugucgguggguCu.....	1	1	seq
.....aacauucauugcugucgguggguuu.....	153	0	seq
.....aacauucauugcugucgguggguuG.....	2	1	seq
.....aacauucauugcugucgguggguAu.....	11	1	seq
.....aacauucauugcugucgguggguuuu.....	1	0	seq
.....aacauucauugcugucgguggguuuC.....	1	1	seq
.....aacauucauugcugucgguggguuCa.....	1	1	seq
.....aacauucauugcugucgguggguuuuacu.....	1	0	seq
.....aacauucauugcugucgguggguuuuacuauguggaca.....	1	0	seq
.....acauucauugcugucggug.....	1	0	seq
.....acauucauugcugucggugg.....	2	0	seq
.....acauucauugcugucggugA.....	1	1	seq
.....acauucauugcugucgguggg.....	14	0	seq
.....acauucauugcugucggGggg.....	1	1	seq
.....acauucauugcugucggugggA.....	6	1	seq
.....acauucauugcugucggugggA.....	2	1	seq
.....acauucauugcugucggugggu.....	35	0	seq
.....acauucauugcugucggugggG.....	3	1	seq

Mature

Star

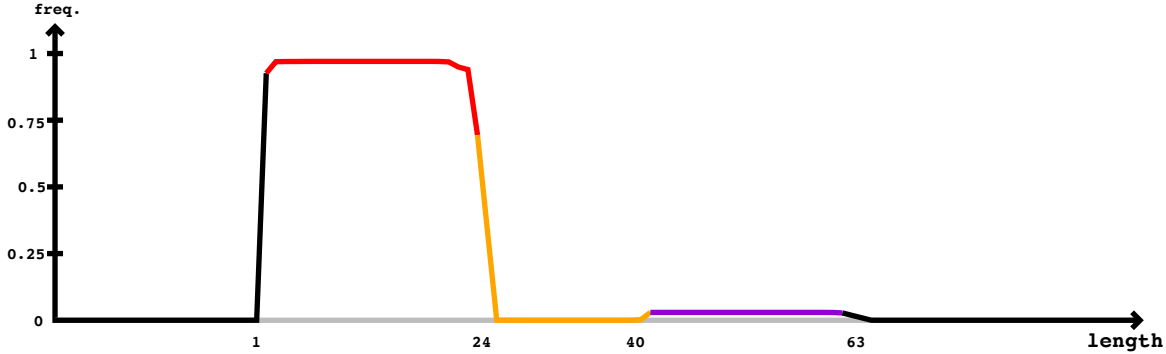
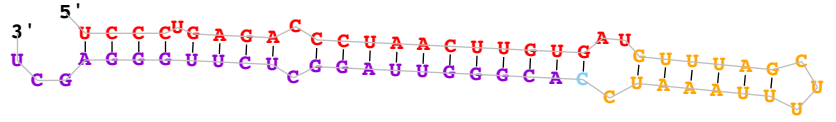
uuacaaaaaggucacaaucaacauucauugcugucggugguuuaacuaugggacaagcucacugaacaaugcaacuguggccccacauuugcaguuaccga			
.....acauucauugcugucggugguA.....	1	1	seq
.....acauucauugcugucggugguu.....	52	0	seq
.....acauucauugcugucggugguCu.....	1	1	seq
.....acauucauugcugucggugguuu.....	18	0	seq
.....cauucauugcugucggugguu.....	3	0	seq
.....cauucauugcugucggugguuu.....	2	0	seq
.....uucuuugcugucgguggg.....	1	0	seq
.....uucuuugcugucgguggu.....	1	0	seq
.....auugcugucggugguuuaa.....	1	0	seq
.....uaacuaugggacaagcucacu.....	1	0	seq
.....gcucacugaacaaugca.....	5	0	seq
.....cucacugaacaaugca.....	1	0	seq
.....cucacugaacaaugcaU.....	8	1	seq
.....cucacugaacaugaugcaa.....	2	0	seq
.....cucacugaacaugaugcaU.....	2	1	seq
.....cucacugaacaugaugcaacu.....	1	0	seq
.....cucacugaacaugaugcaacA.....	1	1	seq

Star

Mature

ucgcucccgccccaccacugcuccuccugcccaacaauaucuggugcugagugaguugcagauggagacuccagcaucagauuuuguugaggaggggugcauuga			
.....uccagUaucagugauuuuguu.....	2	1	seq
.....uccagcaucagugauuuuguu.....	1719	0	seq
.....uccagcaucagugauuuuguA.....	19	1	seq
.....uccagcaucagugauuuuguG.....	1	1	seq
.....uccagcaucagugauuuuguA.....	1	1	seq
.....uccagcaucagugauuuuguA.....	50	1	seq
.....uccGgcaucagugauuuuguug.....	1	1	seq
.....uccagcaucagugauuuuguug.....	812	0	seq
.....uccagcaucagAguuuuguug.....	1	1	seq
.....uccagcaucagugauCuuguug.....	1	1	seq
.....uccagcauAagugauuuuguug.....	1	1	seq
.....uUcagcaucagugauuuuguug.....	2	1	seq
.....uccagcaucagugauuuuguU.....	6	1	seq
.....uccagcaucagugauuuuguG.....	1	1	seq
.....uccagcaucagugauuuuguAga.....	1	1	seq
.....uccagcaucagugauuuuguAa.....	4	1	seq
.....uccagcaucagugauuuuguuga.....	118	0	seq
.....uccagcaucagugauuuuguU.....	3	1	seq
.....uccagcaucagugauuuuguA.....	6	1	seq
.....ccagcaucagugauuuuguu.....	3	0	seq
.....ccagcaucagugauuuuguug.....	1	0	seq
.....cagcaucagugauuuugu.....	2	0	seq

Provisional ID : mun-miR-125-2
 Score total : 20000.5
 Score for star read(s) : 3.9
 Score for read counts : 19990.4
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 39222
 Mature read count : 38063
 Loop read count : 0
 Star read count : 1159



Mature **Star**

5'	Sequence	3'	obs	exp	reads	mm	sample
5'	guuuguugcgccccucua <u>accugagaccuaaacuugauguuuagcuuuuuuuuacacggguuaggcucuugggagc</u> ugugaguugucuuugacauucuauuuu	-3'	1	1	1	1	seq
5'	guuuguugcgccccucua <u>accugagaccuaaacuugauguuuagcuuuuuuuuacacggguuaggcucuugggagc</u> ugugaguugucuuugacauucuauuuu	-3'	2	1	2	1	seq
5'	.....Cuccugagaccuaaacuug.....	-3'	1	1	1	1	seq
5'	.....Cuccugagaccuaaacuuga.....	-3'	2	1	2	1	seq
5'	.....uuccugagaccuaaaU.....	-3'	1	1	1	1	seq
5'	.....uuccugagacUcuaacu.....	-3'	3	1	3	1	seq
5'	.....uuccugagaUccuaacu.....	-3'	1	1	1	1	seq
5'	.....uuccugagacUcuaacu.....	-3'	22	1	22	1	seq
5'	.....uuccugaUaccuaacu.....	-3'	1	1	1	1	seq
5'	.....uuccugagaccuaaacCug.....	-3'	1	1	1	1	seq
5'	.....uuccugagCccuaacu.....	-3'	1	1	1	1	seq
5'	.....uuccugagaccuaacuU.....	-3'	23	1	23	1	seq
5'	.....Aaccugagaccuaacu.....	-3'	1	1	1	1	seq
5'	.....uuccugagaccuaacuA.....	-3'	18	1	18	1	seq
5'	.....uuccugagaccuaacGugu.....	-3'	1	1	1	1	seq
5'	.....uuccugagaccuacCuugu.....	-3'	2	1	2	1	seq
5'	.....uuccugagaccuaaUuugu.....	-3'	3	1	3	1	seq
5'	.....Accugagaccuaacu.....	-3'	9	1	9	1	seq
5'	.....uccAugagaccuaacu.....	-3'	7	1	7	1	seq
5'	.....uuccugagaccuaUcuugu.....	-3'	1	1	1	1	seq
5'	.....uuccugagaccAaacuugu.....	-3'	1	1	1	1	seq
5'	.....uuccugagaccuaacCugu.....	-3'	2	1	2	1	seq
5'	.....uuccugagaccuaacuUu.....	-3'	4	1	4	1	seq
5'	.....uuccugagaccuGacuugu.....	-3'	1	1	1	1	seq
5'	.....uuccCgagaccuaacu.....	-3'	4	1	4	1	seq
5'	.....uuccugagGccuaacu.....	-3'	3	1	3	1	seq
5'	.....uuccugagacUcuaacu.....	-3'	312	1	312	1	seq
5'	.....uuccGgagaccuaacu.....	-3'	1	1	1	1	seq
5'	.....uuccugagacAuaacu.....	-3'	1	1	1	1	seq
5'	.....Gccugagaccuaacu.....	-3'	17	1	17	1	seq
5'	.....uuccugagaUccuaacu.....	-3'	17	1	17	1	seq
5'	.....uuccugagaGccuaacu.....	-3'	3	1	3	1	seq
5'	.....uUccugagaccuaacu.....	-3'	4	1	4	1	seq
5'	.....uuccugagaccuaacuG.....	-3'	260	1	260	1	seq
5'	.....uccGugagaccuaacu.....	-3'	2	1	2	1	seq

Mature

Star

guuuguugcggccucaauccugagaccuaacuugugauguuagcuuuaaaaccggguuagggagcugugagugugcuuugacaucauuuua

. Cccugagaccuaacuu	4	1	seq
. uccugagaccuaacuu	3	1	seq
. uccugagaccuaacuuG	1	1	seq
. uccugagaccuaacuuCu	1	1	seq
. uccugagaccGuaacuu	1	1	seq
. uAccugagaccuaacuu	2	1	seq
. uccugagaccuaacuuG	2	1	seq
. uccuUagaccuaacuu	3	1	seq
. uccugagaccuaaAu	4	1	seq
. uccugagaccUaaacuu	31	1	seq
. uccugagaccuaacuuG	18	1	seq
. uccugaUaccuaacuu	5	1	seq
. uccugagaccAuaacuu	2	1	seq
. uccugagaccGuaacuu	1	1	seq
. ucAcugagaccuaacuu	4	1	seq
. uccugaUaccuaacuu	2	1	seq
. uccugagaUccuaacuu	1	1	seq
. uccugagaccUaaacuu	1	1	seq
. ucUcugagaccuaacuu	1	1	seq
. ucAcugagaccuaacuu	5	1	seq
. uccugagaccuaacuuG	6	1	seq
. ucGcugagaccuaacuu	1	1	seq
. uccUugagaccuaacuu	1	1	seq
. uccugagaccUcuaacuu	94	1	seq
. uccugagaccuaacuuU	119	1	seq
. Gccugagaccuaacuu	4	1	seq
. uccugagaccuaaUu	1	1	seq
. uccAugagaccuaacuu	3	1	seq
. uUccugagaccuaacuu	6	1	seq
. uccugagaccuaacuuA	115	1	seq
. uccugagaccuaaAu	3	1	seq
. Cccugagaccuaacuu	4	1	seq
. Accugagaccuaacuu	4	1	seq
. uccugaCaccuaacuu	1	1	seq
. uccugGgaccuaacuu	1	1	seq
. uccugagGccuaacuu	1	1	seq
. uccugagaccuaacuu	1	1	seq
. uccugagaccuaacCuu	2	1	seq
. uccugagaccuaacuuAug	1	1	seq
. uccuUagaccuaacuu	1	1	seq
. uccugagaccuaacuuG	2	1	seq
. uccuAagaccuaacuu	1	1	seq
. uccugagaccCaacuu	1	1	seq
. uccugagaccuaacuuG	1	1	seq
. uccugGgaccuaacuu	1	1	seq
. uccuUagaccuaacuu	2	1	seq
. uccugagaccuaacuu	4	1	seq
. uccugagaccuaacuuG	16	1	seq
. uccUugagaccuaacuu	3	1	seq
. uccugagaccUcuaacuu	1942	1	seq
. uccugagaccuaacuuG	3977	1	seq
. uAccugagaccuaacuu	2	1	seq
. uccCgagaccuaacuu	5	1	seq
. uccugagaAccuaacuu	4	1	seq
. uccugagCccuaacuu	1	1	seq
. uccugagaccuaacuuG	6	1	seq
. uccugCgaccuaacuu	1	1	seq
. ucGcugagaccuaacuu	2	1	seq
. Gccugagaccuaacuu	17	1	seq
. uccAugagaccuaacuu	4	1	seq
. uccugagaccuaacuuU	2776	1	seq
. uccugagGccuaacuu	5	1	seq
. uccuUagaccuaacuu	343	1	seq
. uccugagaUccuaacuu	2	1	seq
. uccugagaUccuaacuu	3	1	seq
. uccugagaccuaacuuA	4	1	seq
. uccugagaccuaacAug	1	1	seq
. uccugagaccuaaAu	3	1	seq
. uccuUagaccuaacuu	1	1	seq
. uccugGgaccuaacuu	3	1	seq

Mature

Star

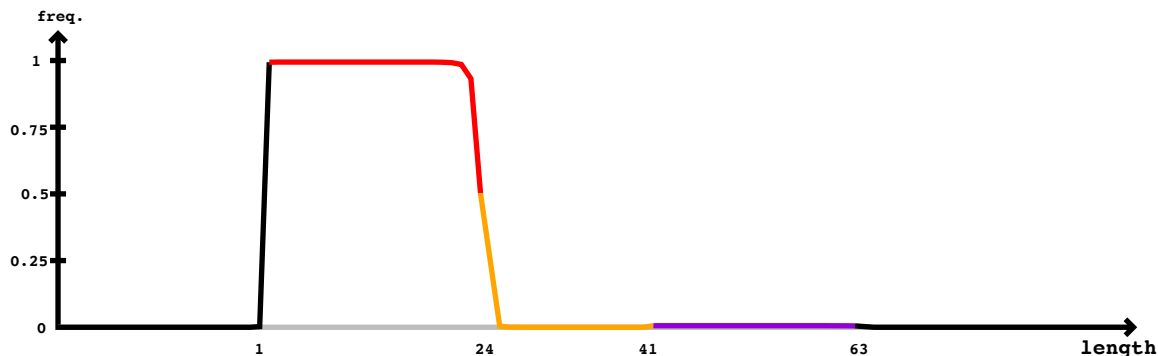
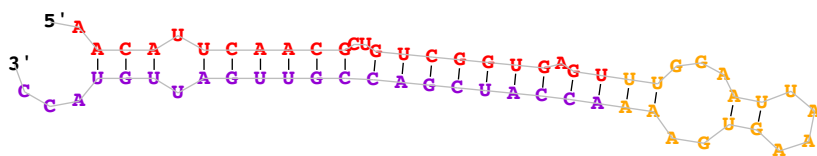
guuuguugcgcccucucaa <u>uccugagacc</u> cu <u>aac</u> cu <u>ug</u> ga <u>u</u> gu <u>uu</u> ag <u>cuuu</u> aa <u>acc</u> g <u>guu</u> ag <u>gc</u> cu <u>u</u> gg <u>gag</u> cu <u>g</u> ga <u>gu</u> g <u>u</u> g <u>cuu</u> g <u>aca</u> cu <u>u</u> ca <u>uu</u> ua			
.....uccugagaccu <u>aac</u> Cu <u>g</u> ga.....	4	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> C <u>u</u> ga.....	3	1	seq
.....uccugagaccC <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	5	1	seq
.....u <u>U</u> ccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	13	1	seq
.....uccugagaccu <u>aG</u> cu <u>u</u> g <u>u</u> ga.....	3	1	seq
.....uccugagaccu <u>G</u> cu <u>u</u> g <u>u</u> ga.....	4	1	seq
..... <u>A</u> ccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	17	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> Ca.....	3	1	seq
.....uccugagaccu <u>aU</u> cu <u>u</u> g <u>u</u> ga.....	2	1	seq
.....uccugagacc <u>A</u> ua <u>a</u> cu <u>u</u> g <u>u</u> ga.....	8	1	seq
.....uccuga <u>U</u> acc <u>u</u> a <u>a</u> cu <u>u</u> g <u>u</u> ga.....	4	1	seq
.....ucc <u>A</u> gagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	3	1	seq
.....uccugagacc <u>U</u> ua <u>a</u> cu <u>u</u> g <u>u</u> ga.....	24	1	seq
.....uccuga <u>A</u> acc <u>u</u> a <u>a</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....ucc <u>G</u> ugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	2	1	seq
.....uccugagaccu <u>aaU</u> u <u>u</u> g <u>u</u> ga.....	3	1	seq
..... <u>C</u> ccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	9	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> U <u>u</u> ga.....	6	1	seq
.....uc <u>U</u> cuugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....u <u>G</u> ccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....uc <u>A</u> Cugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....uccu <u>A</u> agaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	4	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> C.....	98	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> A.....	10	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> A.....	23916	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> A <u>u</u> g <u>u</u>	1	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> U <u>u</u>	33	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> C <u>u</u>	2	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> A <u>u</u>	9	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> A.....	1482	0	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> C <u>u</u> g <u>u</u>	1	1	seq
.....uccugagaccu <u>aac</u> Cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>g</u> ga.....	1	1	seq
.....uccu <u>A</u> agaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>C</u> ga.....	1	1	seq
.....uccugagaccu <u>aaU</u> u <u>u</u> g <u>u</u> ga.....	1	1	seq
.....uccugagacc <u>U</u> ua <u>a</u> cu <u>u</u> g <u>u</u> ga.....	3	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> G <u>u</u>	9	1	seq
.....uccugagac <u>U</u> cu <u>a</u> cu <u>u</u> g <u>u</u> ga.....	11	1	seq
.....uccuga <u>C</u> accu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> U <u>u</u>	1	1	seq
.....ucc <u>A</u> ugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>u</u> g.....	5	0	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>U</u>	51	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>C</u>	2	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>Ag</u>	154	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>A</u>	70	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>gu</u>	3	0	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>Ag</u> u.....	3	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>A</u> u.....	5	1	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>gu</u> u.....	1	0	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>gu</u> uu.....	1	0	seq
.....uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga <u>gu</u> uuu.....	2	0	seq
.....ccugagaccu <u>aac</u> cu <u>g</u> u.....	1	1	seq
.....ccugagaccu <u>aac</u> cu <u>g</u> A.....	1	1	seq
.....ccugagC <u>cc</u> u <u>aac</u> cu <u>u</u> g.....	1	1	seq
.....Uccugagaccu <u>aac</u> cu <u>u</u> g.....	1	1	seq
.....ccugagac <u>U</u> cu <u>aac</u> cu <u>u</u> g.....	2	1	seq
.....cccu <u>U</u> agaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....ccugagaccu <u>aaU</u> u <u>u</u> g <u>u</u> ga.....	2	1	seq
..... <u>A</u> ccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
..... <u>G</u> ccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	2	1	seq
.....ccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> G.....	209	1	seq
.....ccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> U.....	5	1	seq
.....ccugagaccu <u>aac</u> Cu <u>g</u> ga.....	1	1	seq
.....Uccugagaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	3	1	seq
.....cccu <u>C</u> agaccu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....ccugagacc <u>U</u> ua <u>a</u> cu <u>u</u> g <u>u</u> ga.....	2	1	seq
.....ccugagacc <u>A</u> a <u>a</u> cu <u>u</u> g <u>u</u> ga.....	1	1	seq
.....ccugagac <u>U</u> cu <u>aac</u> cu <u>u</u> g <u>u</u> ga.....	30	1	seq

Mature

Star

guuuguugcgccccucaau	cccugagaccuaacuugugau	uuuagcuuuuu	aaaccaggguuaggcucugggagcugugaguuugcuuugacaucauuuu			
.....	ccugagacUcuaacuugugau	.....	.....	1	1	seq
.....	cccugagaccuaacuugugau	.....	.....	406	0	seq
.....	Accugagaccuaacuugugau	.....	.....	1	1	seq
.....	cccugagaccuaacuugugaA	.....	.....	959	1	seq
.....	cccugagaccuaacuugugauU	.....	.....	5	1	seq
.....	cccugagaccuaacuugugaAg	.....	.....	10	1	seq
.....	cccugagaccuaacuugugag	.....	.....	2	0	seq
.....	cccugagaccuaacuugugaA	.....	.....	49	1	seq
.....	ccugagaccuaacuuguAa	.....	.....	1	1	seq
.....	ccugagaccuaacuugugG	.....	.....	7	1	seq
.....	ccugagaccuaacuugugU	.....	.....	1	1	seq
.....	ccugagacUcuaacuuguga	.....	.....	1	1	seq
.....	ccugagaccuaacuugugaA	.....	.....	11	1	seq
.....	ccugagaccuaacuugugau	.....	.....	2	0	seq
.....	cugagaccuaacuugugG	.....	.....	1	1	seq
.....	cugagaccuaacuugugaA	.....	.....	2	1	seq
.....	ugagaccuaacuugugU	.....	.....	1	1	seq
.....	ugagaccuaacuugugG	.....	.....	7	1	seq
.....	ugagaccuaacuugugaA	.....	.....	6	1	seq
.....	gagaccuaacuugugau	.....	.....	1	0	seq
.....	.....	.....	.....	1	0	seq
.....	.....	.....	.....	8	0	seq
.....	.....	.....	.....	7	0	seq
.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	7	1	seq
.....	.....	.....	.....	21	0	seq
.....	.....	.....	.....	17	1	seq
.....	.....	.....	.....	7	1	seq
.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	3	0	seq
.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	2	1	seq
.....	.....	.....	.....	6	0	seq
.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	30	0	seq
.....	.....	.....	.....	19	1	seq
.....	.....	.....	.....	10	1	seq
.....	.....	.....	.....	76	0	seq
.....	.....	.....	.....	10	1	seq
.....	.....	.....	.....	2	1	seq
.....	.....	.....	.....	17	1	seq
.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	784	0	seq
.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	8	1	seq
.....	.....	.....	.....	2	1	seq
.....	.....	.....	.....	6	1	seq
.....	.....	.....	.....	96	1	seq
.....	.....	.....	.....	8	1	seq
.....	.....	.....	.....	1	1	seq
.....	.....	.....	.....	1	0	seq
.....	.....	.....	.....	2	0	seq
.....	.....	.....	.....	1	1	seq

Provisional ID : mun-miR-181a-1
 Score total : 90023.7
 Score for star read(s) : 3.9
 Score for read counts : 90014.3
 Score for mfe : 0.9
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 176571
 Mature read count : 175555
 Loop read count : 0
 Star read count : 1016



Mature

Star

5'	obs	reads	mm	sample
uuguagugguugcucacaguaacaaucaacgcugucggugaguuuggaauuaaagugaaaaccaucgaccguugauuguaccuccagcuaaccauccuccuccuuaacu	-3'			
uuguagugguugcucacaguaacaaucaacgcugucggugaguuuggaauuaaagugaaaaccaucgaccguugauuguaccuccagcuaaccauccuccuccuuaacu	exp			
.....(((((((((((((((((.....)).....				
.....uCaacaucaacgcugucggugag.....		1	1	seq
.....uCaacaucaacgcugucggugag.....		1	1	seq
.....Ggaacaucaacgcugucggugag.....		1	1	seq
.....gaacaucaacgcugucg.....		1	0	seq
.....gaacaucaacgcugucgg.....		1	0	seq
.....Caacaucaacgcugucggug.....		1	1	seq
.....gaacaucaacgcugucggug.....		10	0	seq
.....gaacaCucaacgcugucgguga.....		1	1	seq
.....gaacaucaacgcugucggugG.....		17	1	seq
.....gaacaucaacgcugucggugU.....		12	1	seq
.....gaacaucaacgcugucgguga.....		85	0	seq
.....gaacaucaacgcugucggugaA.....		2	1	seq
.....gaacaucaacgcugucggAgag.....		1	1	seq
.....Caacaucaacgcugucggugag.....		6	1	seq
.....gaacaucaacgcugucggugaU.....		6	1	seq
.....gaacaucaacgcugucggugag.....		230	0	seq
.....gaacaCucaacgcugucggugag.....		1	1	seq
.....gaacaucaacgcugucggGgag.....		1	1	seq
.....gaacaucaacgcugucggugag.....		42	0	seq
.....Caacaucaacgcugucggugag.....		5	1	seq
.....gaacaucaacgcugucggugaguuU.....		1	1	seq
.....aacaucaacgcugucgg.....		109	0	seq
.....aacaucaacgcugucgU.....		1	1	seq
.....aacaucaacgcugucgA.....		1	1	seq
.....aacaucaacgcugucgg.....		286	0	seq
.....aacauAcaacgcugucgg.....		1	1	seq
.....aacaucaacgcugGcgg.....		1	1	seq
.....aacaucaacgAugucgg.....		1	1	seq
.....aacaucaacgcugucggA.....		2	1	seq
.....aacaucaacgcugucgCu.....		2	1	seq
.....aacaucaacgcugucggG.....		3	1	seq
.....aacauUaacgcugucgg.....		1	1	seq
.....aacaucaauGcugucgg.....		1	1	seq

Mature

Star

uuguagugguugcuucagugaacauucaacgcugcggugaguuuuggaauuaagugaaaaccaucgaccguugauuguaccuccagcuaaccauccuccuacuu

.....aacauucaacgcugcggCg.....	5	1	seq
.....aacauucaacgcuCucggug.....	1	1	seq
.....aacauucaacgcugAcggug.....	1	1	seq
.....aacauucaacgcugcggug.....	1125	0	seq
.....aacCuucaacgcugcggug.....	1	1	seq
.....aacauucaacgcugcggAg.....	2	1	seq
.....aacauucaacgcugcggCug.....	1	1	seq
.....aacauucaacCcugcggug.....	1	1	seq
.....aacauucaacgAugcggug.....	1	1	seq
.....aacauucaacgcuUcggug.....	1	1	seq
.....aacauucaacgcugcggGg.....	9	1	seq
.....aacauucaacgcugGcggug.....	2	1	seq
.....aacauucaacgcugcggU.....	7	1	seq
.....aaAauucaacgcugcggug.....	1	1	seq
.....aacauucaacgcugcggUa.....	14	1	seq
.....aacGuucaacgcugcggug.....	1	1	seq
.....aacauucGacgcugcggug.....	1	1	seq
.....aacauucaacgUugcggug.....	3	1	seq
.....aacGuucaacgcugcgguga.....	2	1	seq
.....aacauucaaaUgcugcgguga.....	2	1	seq
.....aacauucaacgcugcggUuga.....	2	1	seq
.....Uacauucaacgcugcgguga.....	1	1	seq
.....aacauuUaacgcugcgguga.....	2	1	seq
.....aacauucaacgcugcggUa.....	1	1	seq
.....aacauucaacgcugUguga.....	2	1	seq
.....aacauucaacgcugcggCga.....	6	1	seq
.....Gacauucaacgcugcgguga.....	5	1	seq
.....aacauucaacgcugCcguga.....	1	1	seq
.....aacauucaacgUugcgguga.....	15	1	seq
.....aacauucaacgGugcgguga.....	1	1	seq
.....aacauucaacgcCgugcgguga.....	1	1	seq
.....aacauucaacgcugcggAga.....	6	1	seq
.....aacauucaacgcugcggGga.....	28	1	seq
.....aacauucaacgcugcGauga.....	3	1	seq
.....aaAauucaacgcugcgguga.....	1	1	seq
.....aacauucaacUcugcgguga.....	2	1	seq
.....aacauucaacgcugcggugU.....	1406	1	seq
.....aacauucaacgcugAcgguga.....	2	1	seq
.....Cacauucaacgcugcgguga.....	1	1	seq
.....aacauucaacgcugcCuga.....	1	1	seq
.....aacauucaaaAgcugcgguga.....	1	1	seq
.....aacauucaacgcugcgguga.....	6698	0	seq
.....aaUauucaacgcugcgguga.....	1	1	seq
.....aacauucaacAcugcgguga.....	2	1	seq
.....aacauucaacgcugcggugG.....	1035	1	seq
.....aacauucaacgcugcAguga.....	2	1	seq
.....aacauCcaacgcugcgguga.....	1	1	seq
.....aacauucaacgcugAgguga.....	3	1	seq
.....aacauucaacgcugGcgguga.....	2	1	seq
.....aacCucaacgcugcgguga.....	2	1	seq
.....aacauucaacgcugUgguga.....	2	1	seq
.....aacauucaCcgugcgguga.....	1	1	seq
.....aacauucaacCcugcgguga.....	2	1	seq
.....aacauucaacgcugcggUa.....	20	1	seq
.....aacauucaacgcuCcggugag.....	9	1	seq
.....aacCucaacgcugcggugag.....	8	1	seq
.....aacauucaacgcugAcggugag.....	5	1	seq
.....aacauAcaacgcugcggugag.....	3	1	seq
.....aacauucaacgcugGcggugag.....	6	1	seq
.....aacauucaaaGcugcggugag.....	4	1	seq
.....Uacauucaacgcugcggugag.....	15	1	seq
.....aacauucaacgcuUcggugag.....	16	1	seq
.....aacauucaacgcugcggugag.....	72685	0	seq
.....Cacauucaacgcugcggugag.....	13	1	seq
.....aacauucaacgcugGggugag.....	4	1	seq
.....aacauucUacgcugcggugag.....	1	1	seq
.....aacauucaacUcugcggugag.....	9	1	seq
.....aGcauucaacgcugcggugag.....	5	1	seq
.....aacauucaacgcugAggugag.....	9	1	seq
.....aacauucaacgcugcggugUg.....	8	1	seq

Mature

Star

uuguagugguugcuucagugaaacauucaacgcugucggugaguuuuggaauuaaagugaaaaccaucgaccguugauuguaccuccagcuaaccauccuccuuacu

.....aaUauucaacgcugucggugag.....	4	1	seq
.....aacauucaacgAugucggugag.....	13	1	seq
.....aacauucGacgcugucggugag.....	14	1	seq
.....aacauucaCgcugucggugag.....	4	1	seq
.....aacUuucaacgcugucggugag.....	3	1	seq
.....aacauucaacgcAgucggugag.....	1	1	seq
.....aacagucaacgcugucggugag.....	1	1	seq
.....aacauuAaacgcugucggugag.....	9	1	seq
.....aaAauucaacgcugucggugag.....	8	1	seq
.....aacauucaacgcugucggugaU.....	986	1	seq
.....aacauucaacgcugucgCugag.....	2	1	seq
.....aacauucaacgcugucAgugag.....	10	1	seq
.....aacauucaacgcugucggugaA.....	1260	1	seq
.....aacauucaacgcugucgguaAag.....	4	1	seq
.....aacauucaaaAgcugucggugag.....	20	1	seq
.....aacauucaacgcugucgUugag.....	19	1	seq
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.....aacauucCacgcugucggugag.....	1	1	seq
.....aacauucaacgcugUggugag.....	14	1	seq
.....aacauucaaaUgcugucggugag.....	9	1	seq
.....aacauucaacgcugucggGgag.....	118	1	seq
.....aaGauucaacgcugucggugag.....	2	1	seq
.....aacauuGaacgcugucggugag.....	4	1	seq
.....aacauucaacgUugucggugag.....	60	1	seq
.....aacauucaacgcugucggugaC.....	24	1	seq
.....aacauucaUcgcugucggugag.....	1	1	seq
.....aacGuucaacgcugucggugag.....	10	1	seq
.....aacauuUaacgcugucggugag.....	7	1	seq
.....aacauucaacgcugucgguCag.....	3	1	seq
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.....aacauucaacgcugucgAugag.....	4	1	seq
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.....aacauucaacCcugucggugag.....	6	1	seq
.....aacauucaacgcuAucggugag.....	8	1	seq
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.....aacauucaCcgucugucggugag.....	2	1	seq
.....aUcauucaacgcugucggugag.....	8	1	seq
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.....aacauucaacgcugCcgugag.....	4	1	seq
.....aacauCcaacgcugucggugag.....	4	1	seq
.....aacauucaacgcGgucggugag.....	1	1	seq
.....aacauucaacAcugucggugagu.....	17	1	seq
.....aacauucaacgcugucggCgagu.....	41	1	seq
.....aacauucaacgcugucggugGgu.....	11	1	seq
.....aacauucaacgcugucggAgagu.....	31	1	seq
.....aacauucaacgAugucggugagu.....	11	1	seq
.....aGcauucaacgcugucggugagu.....	6	1	seq
.....aacauucaacgcCgucggugagu.....	8	1	seq
.....aacauucaacgcugucggugUgu.....	6	1	seq
.....aacauucaacgcuguaAggugagu.....	7	1	seq
.....aacauucaGcgcugucggugagu.....	9	1	seq
.....aacauucaacgcugucggGgagu.....	120	1	seq
.....aacauucaacgcugugGgugagu.....	4	1	seq
.....aacauucaacgcuCucggugagu.....	7	1	seq
.....aacauucaacgcugucggugagC.....	22	1	seq
.....aacGuucaacgcugucggugag.....	4	1	seq
.....aCcauucaacgcugucggugagu.....	1	1	seq
.....aacauucaacgcAgucggugagu.....	5	1	seq
.....aacauucUacgcugucggugagu.....	1	1	seq
.....aacauucaacgcugUggugagu.....	16	1	seq
.....aacauuUaacgcugucggugagu.....	9	1	seq
.....aacauucaacgcugucggugaUu.....	25	1	seq
.....aacCuucaacgcugucggugagu.....	1	1	seq
.....aacauucaacgcugCcgugugagu.....	10	1	seq
.....aacauucaacgGugucggugagu.....	1	1	seq

Mature

Star

uuguagugguugcuucagugaacauucaacgcugucggugagu uuggaauuaaagugaaaaccaucgaccguugauuguaccuccagcuaaccauccuccuacu

.....aacauucaUgcugucggugagu.....	15	1	seq
.....aacauucaacgcugucggugaCu.....	3	1	seq
.....aacauucaacgcugucggugAgagu.....	3	1	seq
.....Cacauucaacgcugucggugagu.....	18	1	seq
.....aaGauucaacgcugucggugagu.....	5	1	seq
.....aaUauucaacgcugucggugagu.....	7	1	seq
.....aacauucaacgcGgucggugagu.....	2	1	seq
.....aacauucaacgcugucggugagA.....	3159	1	seq
.....aacauucaacgcugucggugagu.....	80846	0	seq
.....aacauucaacgcugucgCugagu.....	5	1	seq
.....aacauucaacCcugucggugagu.....	5	1	seq
.....aacauucaacgcugucggugaAu.....	79	1	seq
.....aacauucaacgcugAcggugagu.....	9	1	seq
.....Uacauucaacgcugucggugagu.....	19	1	seq
.....aacauucaacgcugGcggugagu.....	8	1	seq
.....aacauucaacgcugucgUugagu.....	11	1	seq
.....Gacauucaacgcugucggugagu.....	74	1	seq
.....aacUuucaacgcugucggugagu.....	3	1	seq
.....aacauCcaacgcugucggugagu.....	4	1	seq
.....aacauuGaacgcugucggugagu.....	6	1	seq
.....aacauucaacgcugucUgugagu.....	18	1	seq
.....aacauucaacgUugucggugagu.....	86	1	seq
.....aacauucaacgcUucggugagu.....	5	1	seq
.....aacauucaacgcugucggugagu.....	8	1	seq
.....aacauucaacgcugucCgugagu.....	4	1	seq
.....aacauucaUcgcugucggugagu.....	3	1	seq
.....aacauucGacgcugucggugagu.....	14	1	seq
.....aacauucaacgcugucggugagu.....	1	1	seq
.....aaAauucaacgcugucggugagu.....	7	1	seq
.....aacauAcaacgcugucggugagu.....	6	1	seq
.....aacauucaacgcugucggugagG.....	126	1	seq
.....aacauuAaacgcugucggugagu.....	12	1	seq
.....aacauucaacgcugucggugCgu.....	2	1	seq
.....aacauucaacgcugucAgugagu.....	8	1	seq
.....aacauucaacgcugucgguaAgu.....	4	1	seq
.....aUcauucaacgcugucggugagu.....	4	1	seq
.....aacauucaacgcugucgguaUagu.....	12	1	seq
.....aacauucaacUcugucggugagu.....	11	1	seq
.....aacauucaaaAgcugucggugagu.....	10	1	seq
.....aacauucaacgcUucggugagu.....	14	1	seq
.....aaUauucaacgcugucggugaguu.....	1	1	seq
.....aacGuucaacgcugucggugaguu.....	1	1	seq
.....aacauucaacgcugucggugaguuG.....	7	1	seq
.....aacauucCacgcugucggugaguu.....	1	1	seq
.....Cacauucaacgcugucggugaguu.....	1	1	seq
.....aacauucaacgcugucggGgaguu.....	4	1	seq
.....aacauucaacgcugucggugaguuA.....	46	1	seq
.....aacauucaacgcugucgCugaguu.....	1	1	seq
.....aacauucaacgcugucggugaguuG.....	4	1	seq
.....aacauucaacgcugucgguaCaguu.....	1	1	seq
.....aacauucaacgcugucggCgaguu.....	2	1	seq
.....aacauucaacgcugucggugaguuCu.....	1	1	seq
.....aacauucaacUcugucggugaguu.....	1	1	seq
.....aacauucaacgcugucggugaguu.....	2659	0	seq
.....aacauucaacgcuguaAggugaguu.....	1	1	seq
.....aacauucaacgcugucggugaguuC.....	2	1	seq
.....aacauucaacgcugucggugaAu.....	1	1	seq
.....aacauucaacgcugucggugaguuAu.....	11	1	seq
.....aacauucaacAcugucggugaguu.....	1	1	seq
.....aacauucaacgcugucggugCgu.....	1	1	seq
.....Gacauucaacgcugucggugaguu.....	2	1	seq
.....aacauucaaaAgcugucggugaguu.....	1	1	seq
.....aacauucaacgcugucggugGgu.....	1	1	seq
.....aacauucaacgcugucggugUgu.....	1	1	seq
.....aacauucaacgcuguaUggugaguu.....	1	1	seq
.....aacauucaacgUugucggugaguu.....	1	1	seq
.....aacauucaacgcUucggugaguu.....	1	1	seq
.....aacauucaacgcugCcgugaguu.....	1	1	seq
.....aacauucaacgcUucggugaguuu.....	1	1	seq
.....aacGuucaacgcugucggugaguuu.....	1	1	seq

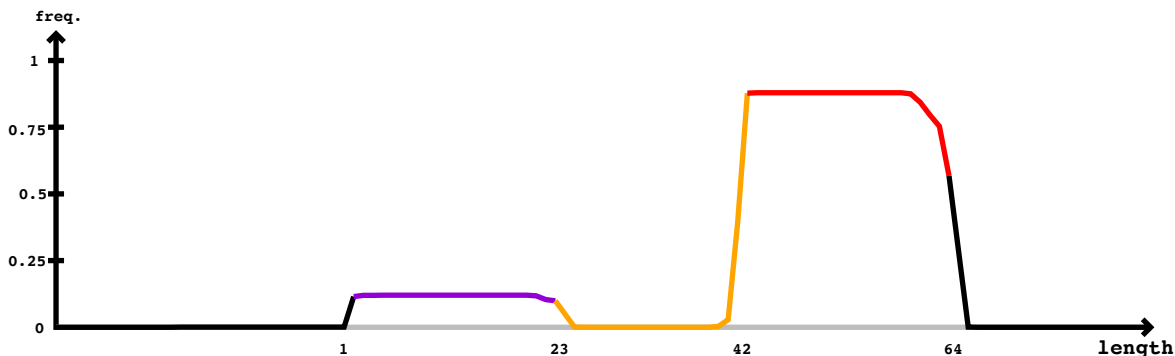
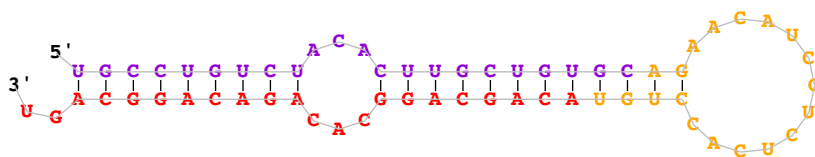
Mature

Star

uuguagugguugcuucagugaacauucaacgcugucggugaguuuggaauuaagugaaaaccaucgaccguugauuguaccuccagcuaaccauccuccuacu

.Gacauucaacgcugucggugaguuu	1	1	seq
.aacauucaacgcugucggugaguuu	1	1	seq
.aacauucaacgcugucggugaguuu	576	0	seq
.aacauucaacgcugucggugaguuG	2	1	seq
.aacauucaacgcugucggugaguuu	1	1	seq
.aacauucaacgcugucggugaguuA	5	1	seq
.Cacauucaacgcugucggugaguuu	1	1	seq
.aacauucaacgcugucggugaguuA	3	1	seq
.aacauucaacgcugucggugaguuu	1	1	seq
.aacauucaacgcugucggugaguuG	4	1	seq
.aacauucaacgcugucggugaguuug	1	0	seq
.aacauucaacgcugucggugaguuuU	97	1	seq
.aacauucaacgcugucggugaguuuA	1	1	seq
.aacauucaacgcugucggugaguuuU	5	1	seq
.aacauucaacgcugucggugaguuGgga	1	1	seq
.aacauucaacgcugucggugaguuuggaa	2	0	seq
.acauucaacgcugucgguga	2	0	seq
.acauucaacgcugucggugag	19	0	seq
.acauucaacgcugucgUugag	1	1	seq
.acauucaacgcugucggugagA	5	1	seq
.acauucaacgcugucggugagG	1	1	seq
.acauucaacgcugucggugagu	73	0	seq
.acauucaacgcugucggugaguu	9	0	seq
.acauucaacgcugucggugaguuu	4	0	seq
.cauucaacgcugucgguga	1	0	seq
.cauucaacgcugucggugagu	1	0	seq
.cauucaacgcugucggugaguu	1	0	seq
.auucaacgcugucggugagu	1	0	seq
.uucaacgcugucggugaU	1	1	seq
.uucaacgcugucggugagu	2	0	seq
.ucaacgcugucggugagu	1	0	seq
.caacgcugucggugaguu	1	0	seq
.uuuggaauuaagugaaaaccaucgaccguugauuguacc	1	0	seq
.aaaaccaucgaccguugauugu	3	0	seq
.aaaccaucgaccguugauuguacc	1	0	seq
.aaccaucgaccguugauugu	2	0	seq
.aaccaucgaccguugauuguA	2	1	seq
.aaccaucgaccguugauuguac	1	0	seq
.aaccaucgaccguugauuguacc	3	0	seq
.accaucgaccguugauuguA	1	1	seq
.accaucgaccguugauugu	26	0	seq
.accaucgaccguugauuguA	11	0	seq
.accaucgaccguugauuguA	26	1	seq
.accaucgaccguugauuguac	33	0	seq
.accaucgaccguugauuguAU	1	1	seq
.accaucgaccCuugauuguacc	1	1	seq
.accaucgaccguugauuguacG	1	1	seq
.accaucgaccguugauuguGcc	1	1	seq
.accaucgaccguuCauguacc	1	1	seq
.Gccaucgaccguugauuguacc	1	1	seq
.accaucgaGcgugauuguacc	1	1	seq
.accaucgaccguugauuguacc	699	0	seq
.accaucgaccguugauuguacA	2	1	seq
.accaucgaccguugauuguacU	70	1	seq
.accaucgaccguugGuuguacc	1	1	seq
.Uccaucgaccguugauuguacc	1	1	seq
.accaucgaccguugauuguaccU	123	1	seq
.accaucgaccguugauuguaccA	2	1	seq
.accaucgaccguugauuguaccG	2	1	seq
.accaucgaccguugaCuguacc	1	1	seq
.accaucgaccguugauuguaccUu	1	1	seq
.ccaucgaccguugauuguacc	1	0	seq
.caucgaccguugauuguacc	1	0	seq

Provisional ID : mun-miR-214-2
 Score total : 1766.6
 Score for star read(s) : 3.9
 Score for read counts : 1755.5
 Score for mfe : 2.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 3455
 Mature read count : 3038
 Loop read count : 0
 Star read count : 417



Star

Mature

5' -	obs	reads	mm	sample
ggacuggcuggacggaguugucauguguc <u>ugccugucuacacuugcugugc</u> agaaca <u>uccucacaccgu</u> uacagcaggcacagacaggcagucgcaugacaaccagccuga	-3'			
ggacuggcuggacggaguugucauguguc <u>ugccugucuacacuugcugugc</u> agaaca <u>uccucacaccgu</u> uacagcaggcacagacaggcagucgcaugacaaccagccuga	exp			
.....(((((((.....(((((((((((.....(((((((((((.....))				
.....acggaguugucauguguc.....		2	0	seq
.....ugccugucuacacuugcug.....		7	0	seq
.....ugccugucuacacuugcugu.....		48	0	seq
.....ugccugucuacacuugcuguU.....		1	1	seq
.....ugccugucuacacuugcuguA.....		1	1	seq
.....ugccugucuacacuugcugug.....		14	0	seq
.....ugccugucuacacuugcugugG.....		14	1	seq
.....ugccugucuacacuugcugugc.....		240	0	seq
.....ugccugucuacaUuugcugugc.....		1	1	seq
.....ugccugucuacacuugcugugA.....		63	1	seq
.....ugccugucuacacuugcugugU.....		4	1	seq
.....ugccugucuacacuugcugugcU.....		1	1	seq
.....ugccugucuacacuugcugugAa.....		3	1	seq
.....gccugucuacacuugcug.....		1	0	seq
.....gccugucuacacuugcugu.....		1	0	seq
.....gccugucuacacuugcugugc.....		12	0	seq
.....gccugucuacacuugcugugA.....		1	1	seq
.....gccugucuacacuugcugugca.....		2	0	seq
.....gccugucuacacuugcugugcag.....		1	0	seq
.....cugucuacacuugcugugca.....		1	0	seq
.....cugucuacacuugcugugcaA.....		1	1	seq
.....uguacagcaggcacagacaA.....		1	1	seq
.....uguacagcaggcacagacagg.....		3	0	seq
.....uguacagcaggcacagacaggA.....		1	1	seq
.....uguacagcaggcacagacaggc.....		5	0	seq
.....uguacagcaggcacagacaggU.....		1	1	seq
.....uguacagcaggcacagacaggcU.....		1	1	seq
.....guacagcaggcacagacag.....		2	0	seq
.....guacagcaggcacagacagg.....		7	0	seq
.....guacagcaggcacagacaggc.....		18	0	seq
.....guacagcaggcacagacaggA.....		2	1	seq
.....guacagcaggcacagacaggca.....		11	0	seq
.....guacagcaggcacagacaggAa.....		1	1	seq

Star

Mature

ggacuggcuggacggagugucaugugucugccugucuaacacuuugcugugcagaacaucucuccuugacagcaggccacagacaggcagucgcaugacaacccagccuga

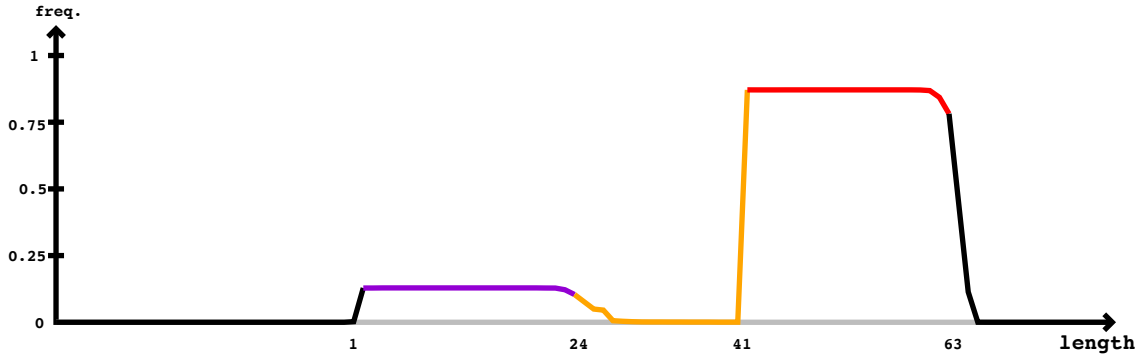
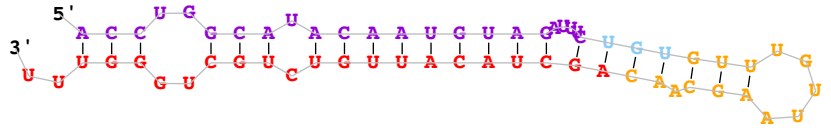
.....guacagcaggccacagacaggcUg.....	1	1	seq
.....guacagcaggccacagacaggcaU.....	4	1	seq
.....guacagcaggccacagacaggcag.....	11	0	seq
.....guacagcaggccacagacaggcaA.....	5	1	seq
.....guacagcaggcGcagacaggcag.....	1	1	seq
.....guacagcaggccacagacaggcagA.....	1	1	seq
.....guacagcaggccacagacaggcag.....	19	0	seq
.....guacagcaggccacagacaggcaUu.....	1	1	seq
.....guacagcaggccacagacaggcagU.....	3	1	seq
.....uacagcaggccacagacag.....	11	0	seq
.....uacagcaggccacagacagA.....	8	1	seq
.....uacagcaggccacagacagU.....	3	1	seq
.....uacagcaggccacagacagg.....	73	0	seq
.....uacagcaggccacagacCgg.....	1	1	seq
.....uacagcaggccacagacaggc.....	89	0	seq
.....uacagcaggccacagacaggA.....	12	1	seq
.....uacagcaggcGcagacaggc.....	2	1	seq
.....uGcagcaggccacagacaggc.....	1	1	seq
.....uacagcaggccacagacaggU.....	4	1	seq
.....uacagcaggccacagacaggcU.....	4	1	seq
.....uacagcaggccacagacaggAa.....	20	1	seq
.....uacagcaggccacagacaggca.....	50	0	seq
.....uacagcaggccacagacaggcG.....	1	1	seq
.....uacagcaggccacagacaggUa.....	1	1	seq
.....uacagcaggcGcagacaggca.....	2	1	seq
.....uacagcGggccacagacaggca.....	2	1	seq
.....uacagcaggccacagacaggcaC.....	11	1	seq
.....uacagcaggccacagacaggcag.....	207	0	seq
.....uacagcGggccacagacaggcag.....	3	1	seq
.....uacagcaggccacagacaggcaA.....	17	1	seq
.....uacagcaggcGcagacaggcag.....	2	1	seq
.....uacagcaggccacagacaggcaU.....	48	1	seq
.....uacagcaggccacagacaggUag.....	1	1	seq
.....uacagcaggccacGgacaggcag.....	2	1	seq
.....uacGgaggccacagacaggcag.....	2	1	seq
.....uacagcaggccacagacaggcagA.....	36	1	seq
.....uacagcaggccacGgacaggcag.....	2	1	seq
.....uacagcaggccacagacaggcaAu.....	21	1	seq
.....uaUagcaggccacagacaggcag.....	1	1	seq
.....uacagcaUgacagacaggcag.....	1	1	seq
.....uacagcaggccacagacaggcag.....	561	0	seq
.....uacagcaggccacagacaggcagC.....	3	1	seq
.....uacagcaggccacagacaggcaUu.....	32	1	seq
.....uacagcaggccacagacaggcaCu.....	6	1	seq
.....uacagcGggccacagacaggcag.....	3	1	seq
.....uacagcaggccacagacaggcagU.....	31	1	seq
.....uacagcaggccacagacaggcagU.....	5	1	seq
.....acagcaggccacGgacagg.....	1	1	seq
.....acagcaggccacagacagA.....	1	1	seq
.....acagcaggccacagacagg.....	13	0	seq
.....acagcaggccacagacaggc.....	26	0	seq
.....acagcaggccacagacaggA.....	3	1	seq
.....acagcaggccacagacaggcU.....	6	1	seq
.....acagcaggccacagacaggca.....	30	0	seq
.....acagcaggccacagacaggAa.....	18	1	seq
.....acagcaggccacagacaggUa.....	1	1	seq
.....acagcaggcGcagacaggca.....	1	1	seq
.....acagcaggccacagacaggcag.....	277	0	seq
.....acagcaggccacagacaggcaU.....	28	1	seq
.....acagcGggccacagacaggcag.....	1	1	seq
.....acagcagUcagacaggcag.....	1	1	seq
.....acagcaUgacagacaggcag.....	1	1	seq
.....acagcaggccacagacaggcaA.....	13	1	seq
.....acagcaggccacagacaggcaC.....	8	1	seq
.....acagcaggccacagacaggUag.....	1	1	seq
.....acagcaggUacagacaggcag.....	1	1	seq
.....acagUaggccacagacaggcag.....	1	1	seq
.....acagcagAcacagacaggcag.....	1	1	seq
.....acagcaggccacagacaggcaCu.....	5	1	seq
.....acagcaggccacagacaggcagC.....	1	1	seq

Star

Mature

ggacuggcuggacggagugugucaugugucugccugucuacacuugcugugcagaacaucucuccugua	acagcaggcacagacaggcaUu	11	1	seq
.....	.....acagcGggcacagacaggcagu	14	1	seq
.....	.....acagcaggcacagacaggcagG	2	1	seq
.....	.....Gcagcaggcacagacaggcagu	3	1	seq
.....	.....acagcaggcacagaGaggcagu	1	1	seq
.....	.....acagcaggcacagacagAcagu	1	1	seq
.....	.....acagcaggcGcagacaggcagu	1	1	seq
.....	.....acagcaggcacagacaggcagu	1041	0	seq
.....	.....acagcaggcacagacaggcagA	50	1	seq
.....	.....acaUcaggcacagacaggcagu	1	1	seq
.....	.....acagcaggcacagacaggcaAu	12	1	seq
.....	.....acagcaggcacagacaggcagAc	2	1	seq
.....	.....acagcaggcacagacaggcaguG	1	1	seq
.....	.....acagcaggcacagacaggcaguU	65	1	seq
.....	.....acagcaggcacagacaggcaguA	20	1	seq
.....	.....acagcaggcacagacaggcagucU	1	1	seq
.....	.....acagcaggcacagacaggcaguAg	1	1	seq
.....	.....cagcaggcacagacaggcag	1	0	seq
.....	.....cagcaggcacagacaggcagA	1	1	seq
.....	.....cagcaggcacagacaggcagu	4	0	seq

Provisional ID :mun-miR-221
 Score total : 3554.9
 Score for star read(s) : 3.9
 Score for read counts : 3544.4
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 6964
 Mature read count : 6074
 Loop read count : 0
 Star read count : 890



Star

Mature

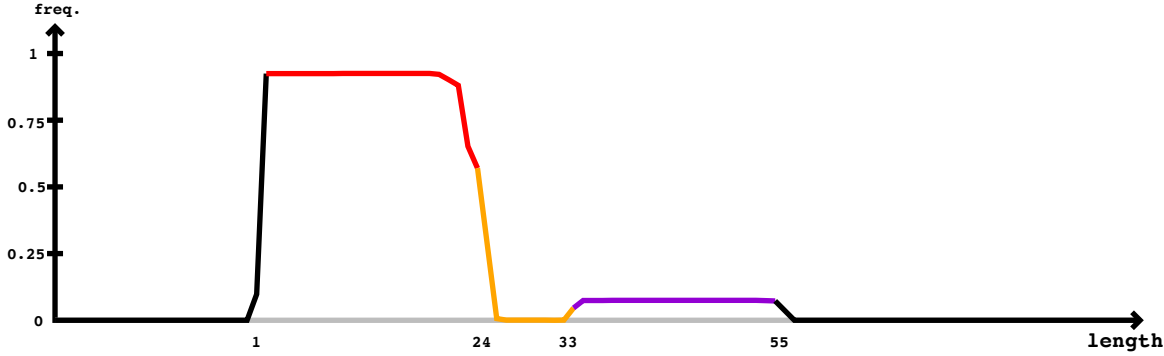
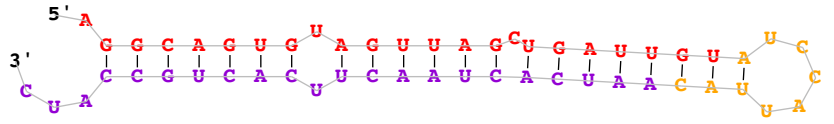
5'	obs	reads	mm	sample
augagaagacuguccagguuuugggcauga accuggcauaca augagauuu uguguuuuu aagca acagcu acauugucugcuggguuu ccagcugccugg aaau	exp			
.....(((((((.....((((.....((((.....((((.....((((.....((((.....)))))))))))))))))))))))))).....				
.....aaccuggcauaca augagau	1	0	seq	
.....aaccuggcauaca augagau	2	0	seq	
.....aaccuggcauaca augagauuu	1	0	seq	
.....aaccuggcauaca augagauuuu	3	0	seq	
.....aaccuggcauaca augagauuuu Aucu.....	1	1	seq	
.....aaccuggcauaca augagauuuu U.....	2	0	seq	
.....aaccuggcauaca augagauuuu Ucugu.....	1	0	seq	
.....aaccuggcauaca augagauuuu UcuguU.....	3	1	seq	
.....aaccuggcauaca augagauuuu UcuguUu.....	1	1	seq	
.....accuggcauaca augagau	2	0	seq	
.....accuggcauaca augagau	1	0	seq	
.....accuggcauaca augagauuu	36	0	seq	
.....accuggcauaca augagauuu A.....	6	1	seq	
.....accuggcauaca augagauuu Au.....	3	1	seq	
.....Gccuggcauaca augagauuu	2	1	seq	
.....accuggcauaca augagauuu	119	0	seq	
.....accuggcauaca augagauuu	284	0	seq	
.....accuggcau U a augagauuu	1	1	seq	
.....accuggcauaca augagauuu U.....	9	1	seq	
.....accuggcauaca augagauuu Auc.....	2	1	seq	
.....accuggcauaca augagauuu UA.....	1	1	seq	
.....accuggcauaca augagauuu Uu.....	1	1	seq	
.....accuggcauaca augagauuu Ucu.....	71	0	seq	
.....accuggcauaca augagauuu UcuA.....	4	1	seq	
.....accuggc C uaca augagauuu U.....	1	1	seq	
.....accuggcauaca augagauuu UcU.....	1	1	seq	
.....accuggcauaca augagauuu UcGg.....	1	1	seq	
.....accuggcauaca augagauuu Ucug.....	25	0	seq	
.....accuggcauaca augagauuu Ucugu.....	261	0	seq	
.....accuggcau U a augagauuu Ucugu.....	1	1	seq	
.....accuggcauaca augagauuu Ucugu.....	1	1	seq	
.....accug A cauaca augagauuu Ucugu.....	1	1	seq	
.....accuggcauaca augagauuu Ucugu.....	1	1	seq	

Star

Mature

augagaagacuguccagguuuugggcaugaaccuggcauacaauagauuuucuguguuuuuagcaacagcuaacauugucugcuggguuuccagcugccuggaaau			
.....acAuggcauacaauagauuuucugu.....	1	1	seq
.....accuggcauacaauagauuuucCgu.....	1	1	seq
.....accuggcauacaauagauuuucugu.....	8	1	seq
.....accuggcauacaauagauuuucuguA.....	1	1	seq
.....accuggcauacaauagauuuucuguU.....	12	1	seq
.....accuggcauacaauagauuuucugugu.....	4	0	seq
.....accuggcauacaauagauuuucuguUu.....	6	1	seq
.....accuggcauacaauagauuuucuguUuu.....	3	1	seq
.....accuggcauacaauagauuuucugugu.....	3	0	seq
.....accuggcauacaauagauuuucuguguu.....	1	0	seq
.....accuggcauacaauagauuuucuguguuuuagc.....	2	0	seq
.....accuggcauacaauagauuuucuguguuuuagcaac.....	2	0	seq
.....accuggcauacaauagauuuucuguguuuuagcaacU.....	1	1	seq
.....cuggcauacaauagauuuucuguguuuu.....	2	0	seq
.....cuggcauacaauagauuuucuguguuuu.....	1	0	seq
.....agcuacauugucugcugg.....	3	0	seq
.....agcuacauugucugcuggg.....	16	0	seq
.....Ggcuaacauugucugcugggu.....	1	1	seq
.....agcuacauugucugcugggG.....	1	1	seq
.....agcuacauugucugcugggU.....	1	1	seq
.....agcuacauugucugcugggA.....	6	1	seq
.....agcuacauugucugcugggu.....	167	0	seq
.....agcuacauugucugUugggu.....	1	1	seq
.....agcuacauugucugcugggCu.....	1	1	seq
.....agcuacauugucugcugggA.....	3	1	seq
.....agcuacauugucugcugUgu.....	1	1	seq
.....agcuacauugucugcugggu.....	423	0	seq
.....agcuacauugucugcuggguG.....	2	1	seq
.....agcuUauugucugcuggguuu.....	1	1	seq
.....agcuacauugucugcuggguuu.....	2092	0	seq
.....agcuacauugucugcugggAuu.....	2	1	seq
.....agcuacauugucugcuggguAu.....	3	1	seq
.....agcuacauugucugcugggCu.....	1	1	seq
.....Ggcuaacauugucugcuggguuu.....	1	1	seq
.....agcuacauugucugcugCguuu.....	1	1	seq
.....agcuacauugucugcuggguuu.....	1	1	seq
.....agcuacauUucugcuggguuu.....	1	1	seq
.....Cgcuaacauugucugcuggguuu.....	1	1	seq
.....agcuacauugucugcuggguCu.....	1	1	seq
.....agcuacauugucugcuggguuu.....	1	1	seq
.....agcuacauugucugcuggguuuA.....	20	1	seq
.....agcuacauugucucUcuggguuu.....	1	1	seq
.....agcuacauugucugcugggGu.....	5	1	seq
.....agcuacauugGcugcuggguuu.....	2	1	seq
.....agcuacauugucugcuUggguuu.....	1	1	seq
.....agcuacauugucugcuggguuC.....	4	1	seq
.....agcuacauugucugcuggguGu.....	1	1	seq
.....agcuacauugucugcuggguuuc.....	1776	0	seq
.....agcuacauugucugcuggUuuuc.....	1	1	seq
.....agcuGcauugucugcuggguuuc.....	1	1	seq
.....agcuacauugucugcuggguuuU.....	687	1	seq
.....agcuacauugucugcuggguuCc.....	4	1	seq
.....agcuacauugucugcuggguuuG.....	3	1	seq
.....agcuacauugucugUuggguuuc.....	1	1	seq
.....Cgcuaacauugucugcuggguuuc.....	3	1	seq
.....agAuacauugucugcuggguuuc.....	1	1	seq
.....agcuacauugucugcugggGuuc.....	2	1	seq
.....agcuacauugucugcuggguuuA.....	35	1	seq
.....agcuacauugucugcuggguuuCG.....	2	1	seq
.....agcuacauugucugcuggguuucU.....	766	1	seq
.....agcuacauugucugcuggguuuCA.....	24	1	seq
.....agcuacauugucugcuggguuuCUa.....	1	1	seq
.....acauugucugcuggguuu.....	1	0	seq

Provisional ID : mun-miR-34c
 Score total : 891.1
 Score for star read(s) : 3.9
 Score for read counts : 880.6
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 1739
 Mature read count : 1609
 Loop read count : 0
 Star read count : 130



Mature **Star**

5' -	obs	reads	mm	sample
aagaguagugcuugguuugu aggcaguguguaguagcugauuguauccauuacaaucaacuucacugccauc aaaacaaggcacaggauuccgcacuuuccugagccaa	-3'			
aagaguagugcuugguuugu aggcaguguguaguagcugauuguauccauuacaaucaacuucacugccauc aaaacaaggcacaggauuccgcacuuuccugagccaa	exp			
..(((.....)))-((((.....(((((((.....)))))))))))-.....)))-(((.....))))-.....))				
.....uaggcaguguguaguagcug.....	1	0	seq	
.....uaggcaguguguaguagcuga.....	8	0	seq	
.....uaggcaguguguaguagcugau.....	11	0	seq	
.....uaggcaguguguaguagcugauA.....	3	1	seq	
.....uaggcaguguguaguagcugauu.....	85	0	seq	
.....Caggcaguguguaguagcugauu.....	1	1	seq	
.....uaggcagugCaguuagcugauu.....	1	1	seq	
.....uaggcaguguguaguagcugauuU.....	3	1	seq	
.....uaggcaguguguaguagcugauug.....	10	0	seq	
.....uaggcaguguguaguagcugauuA.....	1	1	seq	
.....uaggcaguguguaguagcugauugu.....	32	0	seq	
.....uaggcaguguguaguagcugauugA.....	9	1	seq	
.....Caggcaguguguaguagcugauugu.....	1	1	seq	
.....uaggcaguguguaguagcugauuguU.....	3	1	seq	
.....uaggcaguguguaguagcugauugAa.....	1	1	seq	
.....aggcaguguguaguagcug.....	5	0	seq	
.....aggcaguguguaguagcuga.....	26	0	seq	
.....aggcaguguguaguagcugU.....	1	1	seq	
.....aggcaguUuaguagcugau.....	1	1	seq	
.....aggcaguguguaguagcugau.....	25	0	seq	
.....aggcaguguguaguagcugauA.....	6	1	seq	
.....aggcaguguguaguagcugauu.....	301	0	seq	
.....aggcaguguguaguagcugauuA.....	1	1	seq	
.....aggcaguguguaguagcugauuU.....	4	1	seq	
.....aggcaguguguaguagcugauug.....	123	0	seq	
.....aggcagGguaguagcugauug.....	1	1	seq	
.....Gggcaguguguaguagcugauugu.....	2	1	seq	
.....agAcaguguguaguagcugauugu.....	1	1	seq	
.....aggcaguguguaguagcugauuAu.....	1	1	seq	
.....aggcagGguaguagcugauugu.....	1	1	seq	
.....aggcaguguguaguagcugauugu.....	724	0	seq	
.....aggcaguguguaguagcugauugA.....	43	1	seq	
.....aggcaguguguaguagcugauugCa.....	30	1	seq	

Mature

Star

aagaguagugcuugguuuguaggcaguguaguagcugauuguauccaauacaaucaacuacucugccauc	aaaacaaggcacaggauuccgcacuuuccugagccaa			
.....aggcaguguaguagcugauugua.....	.....	10	0	seq
.....aggcaguguaguagcugauuguC.....	.....	1	1	seq
.....aggcaguguaguagcugauuguG.....	.....	1	1	seq
.....aggcaguguaguagcugauuguU.....	.....	121	1	seq
.....aggcaguguaguagcugauugCau.....	.....	7	1	seq
.....aggcaguguaguagcugauuguCu.....	.....	1	1	seq
.....aggcaguguaguagcugauuguUu.....	.....	2	1	seq
.....uaguagcugauuguauccauu.....	.....	1	0	seq
.....caucacuaacuacucugccauc.....	.....	1	0	seq
.....aaucacuaacuacucugcca.....	.....	1	0	seq
.....aaucacuaacuacucugcca.....	.....	2	0	seq
.....aaucacuaacuacucugcca.....	.....	73	0	seq
.....aaucacuaacuacucugccaU.....	.....	1	1	seq
.....aaucacuaacuacucugccaU.....	.....	2	1	seq
.....aucacuaacuacucugcca.....	.....	1	0	seq
.....aucacuaacuacucugcca.....	.....	44	0	seq
.....aucacuaacuacucugccaA.....	.....	1	1	seq
.....aucacuaacuacucugcca.....	.....	1	0	seq
.....aucacuaacuacucugccaU.....	.....	2	1	seq
.....acuaacuacucugccauc.....	.....	1	0	seq

Mature

Star

Sequence	Count	Value	Label
cggguggcuccugcccugcg			
.gacagucagcagauuggucugUu	8	1	seq
.gacagucagcagauUgucuggu	2	1	seq
.gacagucagcagauugCucuggu	1	1	seq
.gacagucagcGguuggucuggu	2	1	seq
.gacagucagcagauuggucuggu	4696	0	seq
.gacagucagcCguuggucuggu	1	1	seq
.gacagucagcagauugguAuggu	1	1	seq
.gacagucagcagauuggucugCu	7	1	seq
.gacagucagcagauuggucuggG	9	1	seq
.gacagucagcagauuggucuggA	93	1	seq
.gacagucagcagauuggGcuggu	5	1	seq
.gacagucagcagauuggucuggC	5	1	seq
.gacagAcagcagauuggucuggu	1	1	seq
.gacagucaUcagauuggucuggu	3	1	seq
.gacagucagcagAuggucuggu	1	1	seq
.gacagucagcagucggucuggu	2	1	seq
.gacagucagcagauuggAucuggu	3	1	seq
.gacagucagcagauuggucuaAgu	1	1	seq
.Aacagucagcagauuggucuggu	2	1	seq
.gacaguaAagcagauuggucuggu	2	1	seq
.Uacagucagcagauuggucuggu	2	1	seq
.gacagucagcagauuggucugAu	1	1	seq
.gacagucagcagauuggucuggug	8	0	seq
.gacagucagcagauuggucugguU	903	1	seq
.gacagucagcagauuggucugguA	108	1	seq
.gacagucagcagauuggucuggAgu	1	1	seq
.gacagucagcagauuggucuggugA	4	1	seq
.gacagucagcagauuggucugguUu	21	1	seq
.gacagucagcagauuggucuggugG	3	1	seq
.gacagucagcagauuggucugguCu	1	1	seq
.gacagucagcagauuggucugguAu	16	1	seq
.gacagucagcagauuggucuggugu	86	0	seq
.gucagcagauuggucugguU	1	1	seq
.ucagaucaccucuggcuguggg	2	0	seq
.ucagaucaccucuggcuguggu	1	0	seq
.cagaucaccucuggcugugg	1	0	seq
.cagaucaccucuggcuguggg	1	0	seq
.cagaucaccucuggcuguggu	1	0	seq
.agaucaccucuggcuguggu	1	0	seq
.agaucaccucuggcugugguC	1	1	seq
.gaucaccucuggcuguggu	1	0	seq

Mature

Star

Sequence	Count	Count	Type
ugagagacagugcagucacc	2	1	seq
cccauaaaguagaaGgcacuac	1	1	seq
cccauaaagGagaaagcacuac	2	1	seq
cccauaaaguagaaagcGcuac	1	1	seq
cccauaaaguagaaaAcacuac	2	1	seq
cccauaaGguagaaagcacuac	2	1	seq
cAcauaaaguagaaagcacuac	29	1	seq
cccauaaagAagaaagcacuac	3	1	seq
cccauaaaguagaaagcacuaU	24	1	seq
cccauaaaguagaaagcacuacu	20	0	seq
cccauaaaguagaaagcacuacA	52	1	seq
cccauaaaguagaaagcacuacC	211	1	seq
cccauaaaguagaaagcacuaAu	1	1	seq
cccauaaaguagaaagcacuacG	4	1	seq
cccauaaaguagaaagcacuacCa	2	1	seq
ccauaaaguagaaagcacu	2	0	seq
ccauaaaguagaaagcacuac	1	0	seq
cauaaaguagaaagcacu	60	0	seq
cauaaaguagaaagcacua	34	0	seq
cauaaagGagaaagcacuac	1	1	seq
cauaaaguagaaagcacuac	259	0	seq
cauaaagCagaaagcacuac	1	1	seq
cauaaaguagaaGgcacuacu	6	1	seq
cauaaaguacaaagcacuacu	1	1	seq
Uauaaaguagaaagcacuacu	5	1	seq
cauaaagGagaaagcacuacu	4	1	seq
cauaaaguagaaagcacuacu	6488	0	seq
cauaaagAagaaagcacuacu	2	1	seq
cauaaaguagaaagcacuGcu	1	1	seq
cauaaaguagaGagcacuacu	1	1	seq
cauaaaguagaaagUacuacu	1	1	seq
Aauaaaguagaaagcacuacu	7	1	seq
cauaaaguagaaagcacuacC	2	1	seq
cauaaGguagaaagcacuacu	1	1	seq
cauaaaguagaaaUcacuacu	1	1	seq
cauaaUguagaaagcacuacu	1	1	seq
cauaaaguagaaaCcacuacu	1	1	seq
cauaGaguagaaagcacuacu	5	1	seq
cUuaaaguagaaagcacuacu	2	1	seq
cauaaagCagaaagcacuacu	2	1	seq
cauaaaguagaaagAacuacu	4	1	seq
cauaaaguagaaagcaAuacu	1	1	seq
cauaaaguGgaaagcacuacu	1	1	seq
cauaaaguagaaagcacuaUu	6	1	seq
cGuaaaguagaaagcacuacu	1	1	seq
cauGaaguagaaagcacuacu	2	1	seq
cauaaaguagaaagcaUuacu	5	1	seq
cauaaaguagaaagcacuacG	2	1	seq
cauaaaaUuagaaagcacuacu	2	1	seq
cauaaaguuaUaaagcacuacu	1	1	seq
cauaaaguagaaagcacuacA	6	1	seq
Gauaaaguagaaagcacuacu	5	1	seq
cauaaaguagGaaagcacuacu	1	1	seq
cauaaaguagaaagcacuacAa	1	1	seq
cauaaaguagaaagcacuacua	117	0	seq
cauaaaguagaaagcacuacuU	4	1	seq
cauaaaguagGaaagcacuacua	1	1	seq
cauaaaguagaaagcacuacuua	7	0	seq
cauaaaguagaaagcacuacuU	2	1	seq
cauaaaguagaaagcacuacuuaa	1	0	seq
auaaaguagaaagcacuac	6	0	seq
auaaaguagaaagcacuacu	225	0	seq
auaaaguagaaagcacuaUu	1	1	seq
auaaaguagaaGgcacuacu	1	1	seq
auaaaguagaaaUcacuacu	1	1	seq
aCaaguagaaagcacuacu	1	1	seq
uaaaguagaaagcacuac	1	0	seq
uaaaguagaaagcacuacu	3	0	seq
ugcagggguaguguuuccuacuuaugga	1	0	seq
uguaguguuuccuacuuaa	3	0	seq

Mature

Star

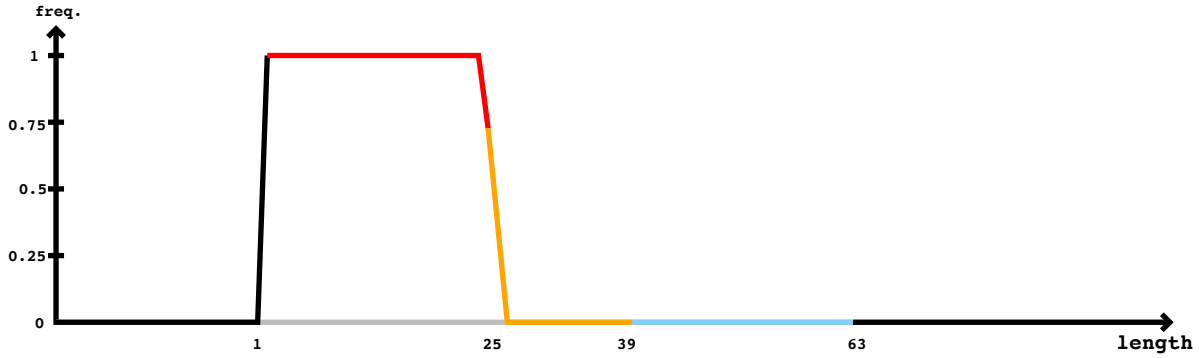
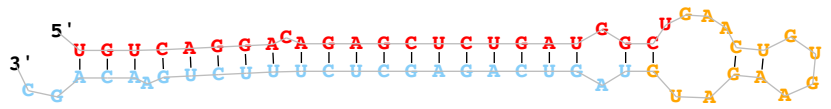
Sequence	Count	Count	Category
ugagagacagugcagucaccc <u>ca</u> aa <u>agu</u> agaagc <u>acu</u> acu <u>aa</u> cagcacugcaggg <u>u</u> ag <u>u</u> guuu <u>ccu</u> acuuu <u>aug</u> gaugaguguacugugggcuacggagaagagagc			
..... uguaguguuu <u>ccu</u> acuuuau	1	0	seq
..... uguaguguuu <u>cU</u> acuuuau	1	1	seq
..... uguGguguuu <u>ccu</u> acuuuau	4	1	seq
..... uguaguguuu <u>ccu</u> acuuuau	4	0	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>G</u>	1	1	seq
..... Cguaguguuu <u>ccu</u> acuuuau <u>gg</u>	1	1	seq
..... uguGguguuu <u>ccu</u> acuuuau <u>gg</u>	42	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>gg</u>	171	0	seq
..... uguaguguuu <u>cc</u> Ca <u>cu</u> uuau <u>gg</u>	1	1	seq
..... uguaguguuu <u>ccu</u> G <u>cu</u> uuau <u>gg</u>	4	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>ggU</u>	63	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>gga</u>	163	0	seq
..... uguGguguuu <u>ccu</u> acuuuau <u>gga</u>	15	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>ggC</u>	4	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>Ga</u>	1	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>ggau</u>	7	0	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>ggaA</u>	3	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>ggUu</u>	2	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>ggaC</u>	1	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>ggCu</u>	1	1	seq
..... uguaguguuu <u>ccu</u> acuuuau <u>ggauA</u>	1	1	seq
..... guaguguuu <u>ccu</u> G <u>cu</u> uuau <u>gg</u>	1	1	seq
..... guaguguuu <u>ccu</u> acuuuau <u>gg</u>	36	0	seq
..... guaguguuu <u>ccu</u> acuuuau <u>ggU</u>	21	1	seq
..... guaguguuu <u>ccu</u> acuuuau <u>ggC</u>	1	1	seq
..... guGguguuu <u>ccu</u> acuuuau <u>gga</u>	1	1	seq
..... guaguguuu <u>ccu</u> acuuuau <u>gga</u>	44	0	seq
..... guaguguuu <u>ccu</u> acuuuau <u>ggaC</u>	5	1	seq
..... guaguguuu <u>ccu</u> acuuuau <u>ggau</u>	25	0	seq
..... guaguguuu <u>ccu</u> acuuuau <u>ggaA</u>	5	1	seq
..... guaguguuu <u>ccu</u> acuuuau <u>ggauG</u>	1	0	seq
..... guaguguuu <u>ccu</u> acuuuau <u>ggauU</u>	6	1	seq
..... guaguguuu <u>ccu</u> acuuuau <u>ggauA</u>	3	1	seq
..... uaguguuu <u>ccu</u> acuuuau <u>gg</u>	2	0	seq
..... uaguguuu <u>ccu</u> acuuuau <u>gAa</u>	1	1	seq
..... uaguguuu <u>ccu</u> acuuuau <u>gga</u>	6	0	seq
..... uaguguuu <u>ccu</u> G <u>cu</u> uuau <u>gga</u>	1	1	seq
..... uaguguuu <u>ccu</u> acuuuau <u>ggCu</u>	1	1	seq
..... uaguguuu <u>ccu</u> acuuuau <u>ggaC</u>	4	1	seq
..... uaguguuu <u>ccu</u> acuuuau <u>ggaA</u>	1	1	seq
..... uaguguuu <u>ccu</u> acuuuau <u>ggau</u>	23	0	seq
..... uaguguuu <u>ccu</u> acuuuau <u>ggauG</u>	1	0	seq
..... uaguguuu <u>ccu</u> acuuuau <u>ggauA</u>	5	1	seq
..... uaguguuu <u>ccu</u> acuuuau <u>ggauU</u>	7	1	seq
..... Gguguuu <u>ccu</u> acuuuau <u>ggau</u>	1	1	seq
..... aguguuu <u>ccu</u> acuuuau <u>ggau</u>	15	0	seq
..... aguguuu <u>ccu</u> acuuuau <u>ggaC</u>	3	1	seq
..... aUguguuu <u>ccu</u> acuuuau <u>ggauG</u>	1	1	seq
..... aguguuu <u>ccu</u> acuuuau <u>ggaCg</u>	1	1	seq
..... aguguuu <u>ccu</u> acuuuau <u>ggauG</u>	392	0	seq
..... aguguuu <u>ccu</u> acuuuau <u>ggauU</u>	4	1	seq
..... aguguuu <u>ccu</u> acuuuau <u>ggauA</u>	1	1	seq
..... Gguguuu <u>ccu</u> acuuuau <u>ggauG</u>	6	1	seq
..... aguguuu <u>ccu</u> acuuuau <u>ggauGU</u>	2	1	seq
..... uu <u>ccu</u> acuuuau <u>ggauG</u>	1	0	seq

Mature

Star

cgaccuuuggugcucucaua <u>uguaacagcaacuccauguggacuacacugacuu</u> ccaguggagaugcugu <u>acuuu</u> ugauagucacucggaacuccagagcagcugu			
..... <u>uguaacagcaacuccaugugga</u> Au.....	3	1	seq
..... <u>uguaacagcaacuccaugug</u> Cacu.....	1	1	seq
..... <u>uguaacagcaacuccauguggacu</u>	1080	0	seq
..... <u>Cguaacagcaacuccauguggacu</u>	2	1	seq
..... <u>ugCaacagcaacuccauguggacu</u>	1	1	seq
..... <u>uguaacagcaacuccauguggacu</u> U.....	1	1	seq
..... <u>uguaacagcaacuccauguggac</u> Ca.....	1	1	seq
..... <u>uguaacagcaacuccauguggacu</u> acacu.....	1	0	seq
..... <u>guaacagcaacuccauguggac</u>	1	0	seq
..... <u>uaacagcaacuccaugugga</u> U.....	1	1	seq
..... <u>ccaguggagaugcugu</u> uuacu.....	1	0	seq
..... <u>ccaguggagaugcugu</u> uuacuu.....	8	0	seq
..... <u>ccaguggagaugcugu</u> uuacuuu.....	7	0	seq
..... <u>ccaUuggagaugcugu</u> uuacuuu.....	1	1	seq
..... <u>ccaguggagaugcugu</u> uuacuuu.....	1	0	seq

Provisional ID : mun-novel97
 Score total : 1.5
 Score for star read(s) : -1.3
 Score for read counts : -0.3
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 11
 Mature read count : 11
 Loop read count : 0
 Star read count : 0



Mature

Star

5' -	gaugaaacugugugaagggc	ugucaggacagagcucugauggc	ugaacugugaagaug	uagucagagcucuucugaacagc	cuugcacauuccuaggaagcacuaggucaga	-3'	exp		
	.....	(((.....)).....)	.....	.....	.....	reads	mm	sample	
	.....	ugucaggacagGgcucugauggc.....				1	1	seq	
	.....	ugucaggacagagcucugauggc.....				2	0	seq	
	.....	ugucaggacagagcucugauggcu.....				8	0	seq	

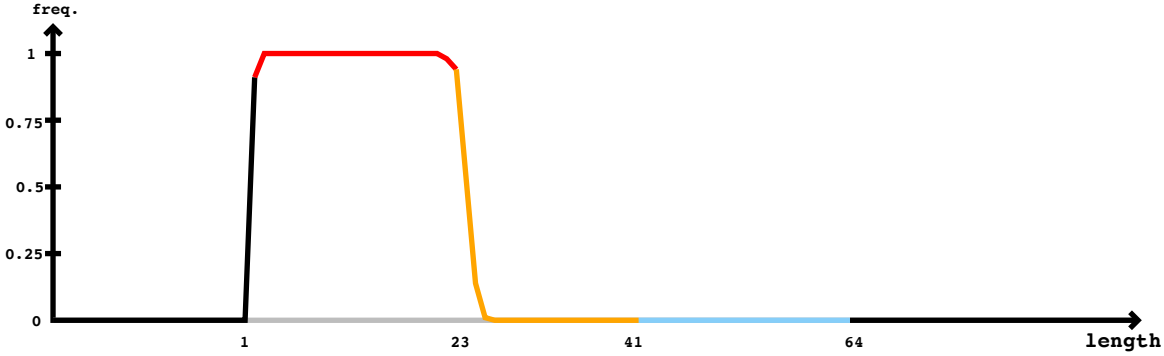
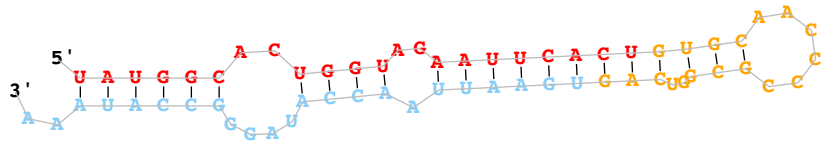
Mature

Star

ucuuggucugguuguagagauacagugaucagguuacgauggauuuucaaguaacaccucguagcuugaucacgauaucccuaugacuugagaaacagcagguuucgcuu

.....cucUagcuugaucacgauauc..... 1 1 seq
.....ucguagcuugaucacgauaucU..... 1 1 seq

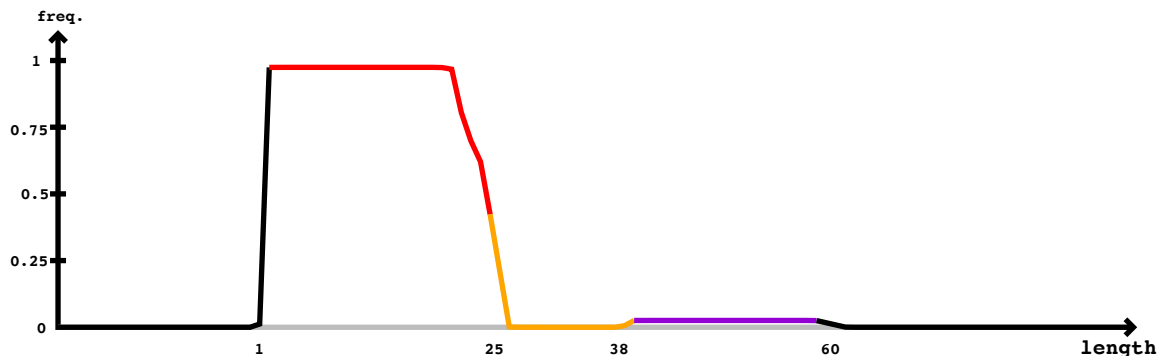
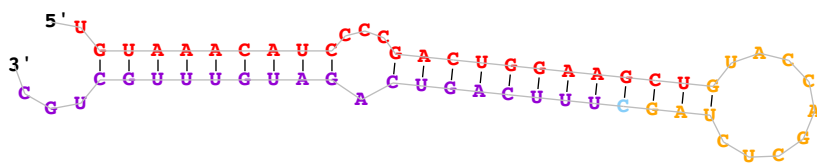
Provisional ID : mun-miR-183
 Score total : 5.3
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 101
 Mature read count : 101
 Loop read count : 0
 Star read count : 0



Mature **Star**

5' - ucgcuaucuccgugucug <u>uauggcacugguagaa<u>uacugugcaaccccgcggucag</u>ugaauuacc<u>auagggcca</u>uaaaacagagcagagacagaccgcgagcgcuau</u> -3'	exp	reads	mm	sample
(((...(((.....)))))).....		2	0	seq
.....uauggcacugguagaa <u>uac</u>		4	0	seq
.....uaAggcacugguagaa <u>uac</u>		1	1	seq
.....uauggcacugguagaa <u>uac</u>		43	0	seq
.....uauggcacugguagaa <u>uacug</u>		31	0	seq
.....uauggcacugguagaa <u>uacug</u>		9	0	seq
.....uauggcacugguagaa <u>uacugA</u>		1	1	seq
.....uauggcacugguagaa <u>uacugA</u>		1	1	seq
.....auggcacugguagaa <u>uac</u>		4	0	seq
.....auggcacugguagaa <u>uacug</u>		2	0	seq
.....auggcacugguagaa <u>uacugA</u>		1	1	seq
.....auggcacugguagaa <u>uacug</u>		2	0	seq

Provisional ID : mun-miR-30d
 Score total : 42654.6
 Score for star read(s) : 3.9
 Score for read counts : 42643.9
 Score for mfe : 2.2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 83656
 Mature read count : 81518
 Loop read count : 0
 Star read count : 2138



Mature Star

5' -	3'	obs	mm	sample
gauguguaguagccuggugu <u>g</u> <u>g</u> <u>u</u> <u>a</u> <u>a</u> <u>a</u> <u>c</u> <u>a</u> <u>c</u> <u>c</u> <u>c</u> <u>c</u> <u>c</u> <u>g</u> <u>a</u> <u>c</u> <u>g</u> <u>g</u> <u>a</u> <u>a</u> <u>g</u> <u>c</u> <u>u</u> <u>a</u> <u>a</u> <u>g</u> <u>a</u> <u>c</u> <u>c</u> <u>a</u> <u>g</u> <u>c</u> <u>u</u> <u>a</u> <u>g</u> <u>c</u> <u>u</u> <u>a</u> <u>a</u> <u>g</u> <u>c</u> <u>a</u> <u>a</u> <u>u</u> <u>u</u> <u>g</u> <u>c</u> <u>g</u> <u>c</u> <u>a</u> <u>c</u> <u>c</u> <u>g</u> <u>g</u> <u>c</u> <u>a</u> <u>a</u> <u>c</u> <u>a</u> <u>u</u> <u>u</u> <u>a</u> <u>a</u> <u>g</u> <u>a</u> <u>g</u> <u>a</u>	-3'	exp	reads	seq
.			2	seq
.			2	seq
.			1	seq
.			4	seq
.			17	seq
.			2	seq
.			1	seq
.			3	seq
.			1	seq
.			604	seq
.			1	seq
.			3	seq
.			4	seq
.			2	seq
.			121	seq
.			20	seq
.			1	seq
.			1	seq
.			1	seq
.			1	seq
.			34	seq
.			3	seq
.			15	seq
.			5	seq
.			104	seq
.			19	seq
.			1	seq
.			41	seq
.			1	seq
.			3	seq
.			65	seq
.			1	seq
.			1	seq
.			1	seq
.			1	seq

Mature

Star

Sequence	Mature Count	Star Count	Category
gauguguaguagccugguguGuaaaacauccccgacuggaagcuguaaccagcucuaagcuucacagucagauguuugcugcaccuggcuauuccugggcaacauuagaagga			
.....ugGaaacauccccgacugg.....	1	1	seq
.....Gguaaaacauccccgacugg.....	2	1	seq
.....uguaaaacauccAcgacugg.....	1	1	seq
.....uguaaaacauccccgaAugg.....	1	1	seq
.....uguaaaacauccccgacugg.....	463	0	seq
.....uguaaaacauccccgacugU.....	25	1	seq
.....uguaaaacauUccgacugg.....	2	1	seq
.....uguaaaacauccccgacugA.....	2	1	seq
.....uguaaaacauccccgacCgg.....	1	1	seq
.....uguaaaacaucccUgacugg.....	1	1	seq
.....uguaaaacaCccccgacugga.....	1	1	seq
.....uguaaaacauccccgCugga.....	1	1	seq
.....uguaaaacauccccgacugAa.....	2	1	seq
.....uguaaaacauccccgaUugga.....	1	1	seq
.....uguaaaacauccccAacugga.....	1	1	seq
.....uguaaaacauccccgacuggC.....	7	1	seq
.....uCuaaaacauccccgacugga.....	2	1	seq
.....uUuaaaacauccccgacugga.....	5	1	seq
.....uguaaaacauUccgacugga.....	6	1	seq
.....Cguaaaacauccccgacugga.....	5	1	seq
.....uguaaaacauccccgUcugga.....	1	1	seq
.....uguaaaacauccccgacuAga.....	2	1	seq
.....uguaaaacauccccgacuggG.....	42	1	seq
.....uguaaaacGuccccgacugga.....	1	1	seq
.....uguaaaacUuccccgacugga.....	1	1	seq
.....uguaaaacauccccgGcugga.....	1	1	seq
.....uguaaaacauccccgacAgga.....	1	1	seq
.....uguaaaaAuccccgacugga.....	3	1	seq
.....uguaaaacauccccgacugga.....	12695	0	seq
.....uguaaaacauccccgacugUa.....	6	1	seq
.....uguaaaCcauccccgacugga.....	1	1	seq
.....uguaUacauccccgacugga.....	1	1	seq
.....Aguaaacauccccgacugga.....	7	1	seq
.....uguaaaacauccAcgacugga.....	7	1	seq
.....ugAaaacauccccgacugga.....	1	1	seq
.....uguaaaacauccccgacCgga.....	3	1	seq
.....Gguaaaacauccccgacugga.....	10	1	seq
.....uguaaaacaucccUgacugga.....	38	1	seq
.....uguaaaacaucccAgacugga.....	3	1	seq
.....ugCaaacauccccgacugga.....	3	1	seq
.....uguaaaacauccGccgacugga.....	2	1	seq
.....uguaaaacauccccgacGgga.....	1	1	seq
.....uAuaaaacauccccgacugga.....	2	1	seq
.....uguaaaacauccccgacuUga.....	3	1	seq
.....uguaaaacauccccgacugCa.....	3	1	seq
.....uguaaaacauccUccgacugga.....	27	1	seq
.....ugGaaacauccccgacugga.....	2	1	seq
.....uguaaaacauccccgacuggU.....	37	1	seq
.....uguaaaacauccccgaAugga.....	3	1	seq
.....uguaaaGcauccccgacugga.....	3	1	seq
.....uguaaaacauccGcgacugga.....	1	1	seq
.....Aguaaacauccccgacuggaa.....	8	1	seq
.....uguaaaacaAccccgacuggaa.....	1	1	seq
.....uCuaaaacauccccgacuggaa.....	1	1	seq
.....uguaaaacauccccgacuggaU.....	181	1	seq
.....uguaaaacauccccgacuUgaa.....	2	1	seq
.....uguaaaacauccccgacuggaG.....	49	1	seq
.....uguaaaacauccccgacuggGa.....	2	1	seq
.....uguaaaGcauccccgacuggaa.....	1	1	seq
.....uguaaaacauccAccgacuggaa.....	1	1	seq
.....uguaaaacauccccgacCggaa.....	1	1	seq
.....uguaaaacaucccAgacuggaa.....	2	1	seq
.....uguaaaacauUccgacuggaa.....	3	1	seq
.....uguaaaacauccAcgacuggaa.....	2	1	seq
.....uguaaaacauccccgacugAaa.....	1	1	seq
.....uguaaaacauccccgacuggUa.....	11	1	seq
.....uUuaaaacauccccgacuggaa.....	1	1	seq
.....uguaaaacaCccccgacuggaa.....	1	1	seq
.....uguaaaUcauccccgacuggaa.....	1	1	seq
.....uguaaaaAuccccgacuggaa.....	2	1	seq

Mature

Star

gauguguaguagccugguguuguaaacaucuccgacuggaagcuguaccagcucuaagcuuucagucagaguuuugcugcaccuggcuauuccugggcaacauuagaagga

.uguaaacaucuccgacuaAgaA	1	1	seq
.GguaaacaucuccgacuggaA	6	1	seq
.ugGaaacaucuccgacuggaA	1	1	seq
.ugCaacaucuccgacuggaA	2	1	seq
.CguaaacaucuccgacuggaA	3	1	seq
.uguaaacaucuccgacuggaA	15	1	seq
.uguaaacaucuccgacuggaA	1	1	seq
.uguaaacaucuccgacucGgaA	1	1	seq
.uguaaCcaucuccgacuggaA	1	1	seq
.uguaaacaucuccgacuggCa	1	1	seq
.uguaCacaucuccgacuggaA	1	1	seq
.uguaaacaucuccCacuggaA	1	1	seq
.uguaGacaucuccgacuggaA	1	1	seq
.uguaaacaucuccgacuggaC	6	1	seq
.uguaaacaucuccgacuggaA	8396	0	seq
.uguaaacaucuccUacuggaA	1	1	seq
.uguaaacaucuccUcuggaA	1	1	seq
.uguaaacaucuccgacugUaa	1	1	seq
.uguaaacaucuccgGcuggaA	1	1	seq
.uguaaacaucUccgacuggaA	61	1	seq
.uguaaacaucuccgaAuggaA	2	1	seq
.uguaaacaucuccAacuggaA	1	1	seq
.uguaaacaCccccgacuggaag	1	1	seq
.uguaaacaucuccgacuggaAA	3139	1	seq
.uguaaacaucuccgacuggaag	3161	0	seq
.Aguaaacaucuccgacuggaag	3	1	seq
.uguaaacaucuccgacuggaAC	7	1	seq
.uguaaacaUccgacuggaag	3	1	seq
.uguaaacaucuccgacuggaAU	131	1	seq
.uguaaacaucAcgacuggaag	1	1	seq
.uguaaacaucuccgacCggaag	1	1	seq
.uguaaacaucuccUgacuggaag	1	1	seq
.uguaaacaugccgacuggaag	1	1	seq
.uguaaaUaucccgacuggaag	3	1	seq
.uguaaacaucuccgGcuggaag	1	1	seq
.uguaaacaucuccgacuggaGg	2	1	seq
.ugAaaacaucuccgacuggaag	1	1	seq
.uguaaacaucuccgaGuggaag	1	1	seq
.uguaaacaucuccUacuggaag	1	1	seq
.uguaaacaucUccgacuggaag	3	1	seq
.uguaaacaucuccgaUuggaag	2	1	seq
.Gguaaacaucuccgacuggaag	1	1	seq
.uCuaaacaucuccgacuggaag	1	1	seq
.uguaaacaucuccgCcuggaag	1	1	seq
.uguaaacaucuccgacugUaag	1	1	seq
.ugUGaacaucuccgacuggaag	1	1	seq
.ugUuaacaucuccgacuggaag	1	1	seq
.uguaaacaucAccgacuggaagc	5	1	seq
.uguaaacaUccgacuggaagc	3	1	seq
.uUuaaacaucuccgacuggaagc	3	1	seq
.uguaaacaucuccgacCggaagc	2	1	seq
.uguaaacaucuccgacuggaagAA	1671	1	seq
.uguaaacaucuccgacuggaAUc	2	1	seq
.ugGaaacaucuccgacuggaagc	1	1	seq
.uguaaacaucuccgacuggaagc	12986	0	seq
.Cguaaacaucuccgacuggaagc	9	1	seq
.uguaaacaucAccgacuggaagc	7	1	seq
.uguaaacaucuccgacuAgaagc	1	1	seq
.uguaaacaucuccUcuggaagc	1	1	seq
.uguaaacaucuccgaAuggaagc	1	1	seq
.uguaaUcaucuccgacuggaagc	3	1	seq
.uguaaacaucuccAGacuggaagc	6	1	seq
.uguaaacaucGcgacuggaagc	1	1	seq
.uguaaacaucuccgacuggaagG	1	1	seq
.uguaGacaucuccgacuggaagc	1	1	seq
.uguaaacaucuccgaUuggaagc	1	1	seq
.uguaaacaucuccgacuggGagc	1	1	seq
.uguaaacaucUccgacuggaagc	4	1	seq
.uguaaacaucuccgacugUaagc	2	1	seq
.uguaUacaucuccgacuggaagc	2	1	seq

Mature

Star

gauguguaguagccugguguguaacauccccgacuggaagcuguaccagcucuagcuuucagucaguuuugcugcaccuggcuauccugggcaacauagaagga

.G	12	1	seq
.u	2	1	seq
.u	2	1	seq
.u	1	1	seq
.A	6	1	seq
.u	2	1	seq
.u	1	1	seq
.u	2	1	seq
.u	2	1	seq
.u	3	1	seq
.u	4	1	seq
.u	2	1	seq
.u	2	1	seq
.u	1	1	seq
.u	3	1	seq
.u	1	1	seq
.u	2	1	seq
.u	2	1	seq
.u	1	1	seq
.u	3	1	seq
.u	1	1	seq
.u	2	1	seq
.u	2	1	seq
.u	1	1	seq
.u	3	1	seq
.u	1	1	seq
.u	2	1	seq
.u	8	1	seq
.u	1	1	seq
.u	1	1	seq
.u	3	1	seq
.u	1	1	seq
.u	2	1	seq
.u	2	1	seq
.A	21	1	seq
.u	5	1	seq
.u	7	1	seq
.u	8	1	seq
.G	21	1	seq
.u	2	1	seq
.u	1	1	seq
.u	1	1	seq
.u	8	1	seq
.u	2	1	seq
.C	9	1	seq
.u	2	1	seq
.u	2	1	seq
.u	1	1	seq
.u	1	1	seq
.u	8	1	seq
.u	7	1	seq
.u	2	1	seq
.u	4	1	seq
.u	8	1	seq
.u	7	1	seq
.u	2	1	seq
.u	183	1	seq
.u	7	1	seq
.u	8	1	seq
.u	3	1	seq
.u	3	1	seq
.u	1	1	seq
.u	6	1	seq
.u	1	1	seq
.u	1	1	seq
.u	4	1	seq
.u	1	1	seq
.u	167	1	seq
.u	3	1	seq

Mature

Star

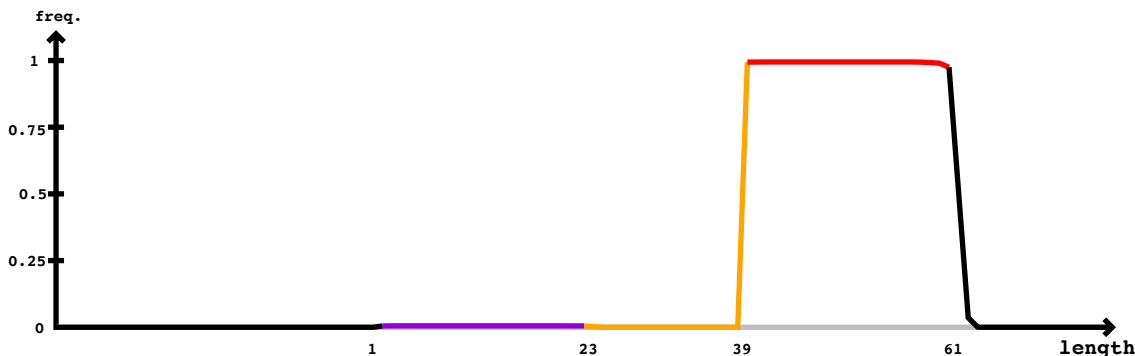
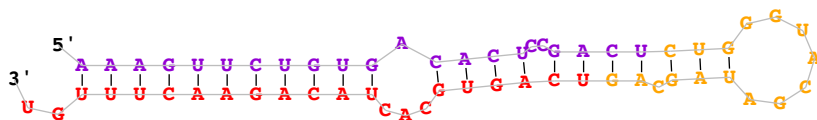
Sequence	Count	Count	Category
gauguguaguagccuggugu <u>gu</u> aaaca <u>ccccgacuggaagc</u> gu <u>accagc</u> cu <u>agc</u> uu <u>ucagucagagu</u> uu <u>ugc</u> accuggcuau <u>uccugg</u> caacauuagaagga			
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> C.....	15	1	seq
..... <u>gu</u> aaa <u>aa</u> ccccgacuggaagcu.....	1	1	seq
..... <u>gu</u> aaaca <u>ccccCacuggaagc</u> U.....	5	1	seq
..... <u>u</u> Cuaaaca <u>ccccgacuggaagc</u> U.....	2	1	seq
..... <u>gu</u> aaa <u>aca</u> ccccgacUgaagcu.....	4	1	seq
..... <u>gu</u> Gaaca <u>ccccgacuggaagc</u> U.....	5	1	seq
..... <u>gu</u> aaa <u>ca</u> ccccgCuggaagcu.....	1	1	seq
..... <u>ug</u> Aaaa <u>ca</u> ccccgacuggaagcu.....	4	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> U.....	33852	0	seq
..... <u>gu</u> aaa <u>U</u> auccccgacuggaagcu.....	5	1	seq
..... <u>gu</u> aaa <u>ca</u> ccccgacCggaagcu.....	4	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaag</u> U.....	23	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> C.....	5	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> U.....	728	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> A.....	8	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> g.....	1	0	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> Uu.....	78	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> Au.....	6	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> gu.....	1	0	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> Cu.....	2	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> Uua.....	1	1	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> guacc.....	4	0	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> guacca.....	1	0	seq
..... <u>gu</u> aaaca <u>ccccgacuggaagc</u> guaccU.....	2	1	seq
..... <u>g</u> uaaaca <u>ccccgacugga</u>	1	0	seq
..... <u>g</u> uaaaca <u>ccccgacuggaag</u> A.....	1	1	seq
..... <u>g</u> uaaaca <u>ccccgacuggaagc</u>	1	0	seq
..... <u>U</u> uaaaca <u>ccccgacuggaagc</u> U.....	1	1	seq
..... <u>g</u> uaaaca <u>ccccgacuggaagc</u> U.....	3	0	seq
..... <u>u</u> aaaca <u>ccccgacugga</u>	2	0	seq
..... <u>u</u> aaaca <u>ccccgacuggaagc</u> U.....	6	0	seq
..... <u>a</u> aaaca <u>ccccgacuggaagc</u>	1	0	seq
..... <u>a</u> aca <u>ccccgacugga</u> A.....	1	1	seq
..... <u>c</u> auccccgacuggaagcu.....	1	0	seq
..... <u>a</u> uccccgacuggaagcguacc.....	1	0	seq
..... <u>u</u> ccccgacuggaagcguacc.....	1	0	seq
..... <u>c</u> uuucagucagaguuuugc.....	1	0	seq
..... <u>c</u> uuucagucGgauguuuugc.....	1	1	seq
..... <u>c</u> uuucagucagaguuuugc.....	16	0	seq
..... <u>c</u> uuucagucagaguuuugcug.....	11	0	seq
..... <u>c</u> uuucagucagaguuuugcAg.....	1	1	seq
..... <u>c</u> uuuca <u>A</u> ucagaguuuugcugc.....	1	1	seq
..... <u>U</u> uuucagucagaguuuugcugc.....	1	1	seq
..... <u>G</u> uuucagucagaguuuugcugc.....	1	1	seq
..... <u>c</u> uuucaguca <u>U</u> auguuugcugc.....	1	1	seq
..... <u>c</u> uuucagucagaguuuugcugU.....	11	1	seq
..... <u>c</u> uuucagucagaguuuugcugc.....	366	0	seq
..... <u>c</u> uuucagucagaguuuugcAc.....	1	1	seq
..... <u>c</u> uuucagucagaguuuugcugca.....	1	0	seq
..... <u>c</u> uuucagucagaguuuugcugcU.....	73	1	seq
..... <u>u</u> uucagucagaguuuugc.....	6	0	seq
..... <u>u</u> uucagucagaguuuugcu.....	25	0	seq
..... <u>u</u> uucagucagaguuuugcU.....	1	1	seq
..... <u>u</u> uucagucagaguuuugcug.....	33	0	seq
..... <u>u</u> uucagucagaguuuugcugU.....	27	1	seq
..... <u>u</u> uucagucaga <u>A</u> guuuugcugc.....	1	1	seq
..... <u>u</u> uucagucagaguuuugcugA.....	5	1	seq
..... <u>u</u> uucagucagaguuuugAugc.....	1	1	seq
..... <u>u</u> uucagucGgauguuuugcugc.....	2	1	seq
..... <u>A</u> uucagucagaguuuugcugc.....	1	1	seq
..... <u>u</u> uucagucagaguuuCgcugc.....	1	1	seq
..... <u>u</u> uucagucagaguuuugcugc.....	1081	0	seq
..... <u>G</u> uucagucagaguuuugcugc.....	1	1	seq
..... <u>C</u> uucagucagaguuuugcugc.....	1	1	seq
..... <u>u</u> uucagucagaguuuugcCgc.....	1	1	seq
..... <u>u</u> uucagucaga <u>A</u> uugcugca.....	1	1	seq
..... <u>u</u> uucagucagaguuuugcugcC.....	1	1	seq
..... <u>u</u> uucagucagaguuuugcugUa.....	6	1	seq
..... <u>G</u> uucagucagaguuuugcugca.....	1	1	seq
..... <u>u</u> uucagucGgauguuuugcugca.....	4	1	seq

Mature

Star

gauguguaguagccuggugu <u>guaaaca</u> ccccgacuggaagcuguaccagcuc <u>uag</u> uuucagucagaguuuugcugcaccuggcuauuccugggcaacauuagaagga			
.....uuucagucagaguuuugcugca.....	137	0	seq
.....uuucagucagaguuuugcugcU.....	263	1	seq
.....uuucagucagaguuuugcugcaA.....	15	1	seq
.....uuucagucagaguuuugcugcaU.....	36	1	seq
.....ucagucagaguuuugcugcacc.....	1	0	seq

Provisional ID : mun-miR-148-1
 Score total : 97258.8
 Score for star read(s) : 3.9
 Score for read counts : 97248.2
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 190760
 Mature read count : 189727
 Loop read count : 0
 Star read count : 1033



Star

Mature

5' -	obs	reads	mm	sample
gguaccggaggaggauuggagccuccggaagcaaa <u>guucugugacacuccgacu</u> cuggguacgauagcagucagugcacuacagaa <u>cuuugu</u> cuccgguggcggcgccg	exp			
.....((.....)).....(((.....(((.....(((.....(((.....(((.....))).....))).....))).....))).....)).....		2	0	seq
.....caa <u>guucugugacacuccga</u>		4	0	seq
.....caa <u>guucugugacacuccgacu</u>		1	0	seq
.....aa <u>guucugugacacucc</u>		3	0	seq
.....aa <u>guucugugacacuccg</u>		1	1	seq
.....aa <u>guucugugacacuccga</u>		23	0	seq
.....aa <u>guucugugacacuccgU</u>		1	1	seq
.....aa <u>guucugugacacCccga</u>		1	1	seq
.....aa <u>guucugugacacuccgac</u>		12	0	seq
.....aa <u>guucugugacacuccgacu</u>		872	0	seq
.....aa <u>guucugugacacuAgacu</u>		2	1	seq
.....aa <u>gCucugugacacuccgacu</u>		1	1	seq
.....aa <u>guucugCgacacuccgacu</u>		1	1	seq
.....aa <u>gAucugugacacuccgacu</u>		1	1	seq
.....aa <u>guucugugacaAuccgacu</u>		1	1	seq
.....aa <u>guucugugacacuccgacA</u>		10	1	seq
.....aa <u>guucugAgacacuccgacu</u>		2	1	seq
.....aa <u>guucugugacacuccgacuU</u>		1	1	seq
.....aa <u>guucugugacacuccgacucu</u>		3	0	seq
.....aa <u>guucugugacacuccgacucugggu</u>		1	0	seq
.....aa <u>guucugugacacuccga</u>		2	0	seq
.....aa <u>guucugugacacuccgac</u>		2	0	seq
.....aa <u>guucugugacacuccgacA</u>		4	1	seq
.....aa <u>guucugugacacuccgacu</u>		80	0	seq
.....aa <u>guucugugacacuccgacuc</u>		1	0	seq
.....aa <u>guucugugacacuccgacucu</u>		1	0	seq
.....a <u>guucugugacacuccgacu</u>		1	0	seq
..... <u>Ggucagugcacuacagaa</u> cuuugu.....		1	1	seq
..... <u>gucagugcacuacagaa</u> cuuu.....		1	0	seq
..... <u>gucagugcacuacagaa</u> cuuug.....		3	0	seq
..... <u>gucagugcacuacagaa</u> cuuugA.....		8	1	seq
..... <u>gucagugcacuacagaa</u> cuuugu.....		29	0	seq
..... <u>Cucagugcacuacagaa</u> cuuugu.....		11	1	seq

Star

Mature

gguaccggaggaggauuggagccuccggaagcaaaagucugugacacuccgacucuggguacggaugagcagucagugcacuacagaacuuugucuccgguggcggcggc

.....gucagugcacuacagaacuuuguU.....	1	1	seq
.....ucagugcacuacagaacG.....	1	1	seq
.....ucagugcacuacagaacu.....	101	0	seq
.....ucaAugcacuacagaacu.....	1	1	seq
.....ucagugcacuacagaacuA.....	1	1	seq
.....ucagugcacuacagaacuu.....	325	0	seq
.....Gcagugcacuacagaacuu.....	1	1	seq
.....ucagugcacuacaAaacuuu.....	1	1	seq
.....ucagugcacuacagaacuuu.....	438	0	seq
.....ucagugcacuacagaacuuC.....	1	1	seq
.....Acagugcacuacagaacuuu.....	1	1	seq
.....ucagugcacuacagCacuuu.....	2	1	seq
.....ucaguUcacuacagaacuuu.....	1	1	seq
.....ucagugcacuacagaacuuA.....	2	1	seq
.....ucagGgcacuacagaacuuu.....	1	1	seq
.....ucagugcacuacagaacuuG.....	1	1	seq
.....ucagugcacuacagaacuCug.....	1	1	seq
.....ucagCgcacuacagaacuuug.....	1	1	seq
.....ucagAgcacuacagaacuuug.....	1	1	seq
.....ucagugcUcuacagaacuuug.....	1	1	seq
.....ucagugcacuacagaacuuug.....	2818	0	seq
.....ucagugcacuacagaacuuuC.....	4	1	seq
.....ucagugcacuacagaacuuuA.....	4	1	seq
.....ucagugcacuacagaacCuug.....	3	1	seq
.....Gcagugcacuacagaacuuug.....	2	1	seq
.....ucagugcacuacagaacuuuU.....	29	1	seq
.....ucagugcacuacagaacuuug.....	1	1	seq
.....Ccagugcacuacagaacuuug.....	1	1	seq
.....ucagugcacCacagaacuuug.....	1	1	seq
.....ucagugcGcuacagaacuuug.....	1	1	seq
.....ucagGgcacuacagaacuuug.....	6	1	seq
.....ucaUugcacuacagaacuuug.....	2	1	seq
.....ucGgugcacuacagaacuuug.....	1	1	seq
.....ucagugcacuacagaacuuug.....	1	1	seq
.....ucagugcacuacagaacuuGg.....	1	1	seq
.....ucaAugcacuacagaacuuugu.....	5	1	seq
.....ucagugcacuacagaacuuugu.....	16	1	seq
.....ucagugcacuacagaacuuugu.....	13	1	seq
.....ucagugcacuacagaacuuugu.....	29	1	seq
.....Gcagugcacuacagaacuuugu.....	109	1	seq
.....ucagugcacuacagaacuuugu.....	1	1	seq
.....ucaCugcacuacagaacuuugu.....	11	1	seq
.....Ccagugcacuacagaacuuugu.....	64	1	seq
.....ucagugcacAacagaacuuugu.....	4	1	seq
.....ucagugcacuacagaacuuuG.....	1412	1	seq
.....ucaguCcacuacagaacuuugu.....	8	1	seq
.....ucagugcacuacagaacuuuAu.....	11	1	seq
.....ucagugcacuaUagaacuuugu.....	54	1	seq
.....ucagugcacuacagaacuuGgu.....	2	1	seq
.....ucCgugcacuacagaacuuugu.....	12	1	seq
.....ucagugcacuacaCaacuuugu.....	13	1	seq
.....ucagugcacuacagUacuuugu.....	6	1	seq
.....ucagugcacuacaUaacuuugu.....	24	1	seq
.....ucagugcacuacagaacuuAgu.....	4	1	seq
.....ucagAgcacuacagaacuuugu.....	40	1	seq
.....ucagugcacuacagaacCuugu.....	38	1	seq
.....Acagugcacuacagaacuuugu.....	105	1	seq
.....ucagugcGcuacagaacuuugu.....	38	1	seq
.....ucagugcacuacaAaacuuugu.....	6	1	seq
.....ucagugcacuacGgaacuuugu.....	14	1	seq
.....ucagugcacCacagaacuuugu.....	23	1	seq
.....ucagugcacuacagCacuuugu.....	5	1	seq
.....ucagugcacuacagaacuuuugu.....	289	1	seq
.....ucagugAacuacagaacuuugu.....	24	1	seq
.....ucagugcacuacagGacuuugu.....	13	1	seq
.....ucagugcacuacUgaacuuugu.....	5	1	seq
.....ucagugcCcuacagaacuuugu.....	2	1	seq
.....ucagCgcacuacagaacuuugu.....	36	1	seq
.....ucagugcacuacagaCcuugu.....	2	1	seq
.....ucUgugcacuacagaacuuugu.....	7	1	seq

Star

Mature

gguaccggaggaggauuggagccuccggaagcaaaagucugugacacuccgacucuggguacggaugcagucagugcacuacagaacuuugucuccgguggcggcggc

.....uAagugcacuacagaacuuugu.....	23	1	seq
.....ucagugcacuacagaacuuuCu.....	4	1	seq
.....ucagugcacuaGagaacuuugu.....	2	1	seq
.....ucagugcacuacagaacuuugu.....	4	1	seq
.....ucagugcacuacagaacuuUu.....	42	1	seq
.....ucaUugcacuacagaacuuugu.....	32	1	seq
.....ucGgugcacuacagaacuuugu.....	46	1	seq
.....ucagugcacuacagaacuuugG.....	106	1	seq
.....ucagugcacuacagaacGuugu.....	8	1	seq
.....ucagugcUcuacagaacuuugu.....	7	1	seq
.....ucagugcacuacagaaGuuugu.....	2	1	seq
.....ucagugcacuUcagaacuuugu.....	11	1	seq
.....ucagugUacuacagaacuuugu.....	10	1	seq
.....ucagugcaAuacagaacuuugu.....	25	1	seq
.....ucagugcacGacagaacuuugu.....	1	1	seq
.....ucagugcacuacCgaacuuugu.....	2	1	seq
.....uUagugcacuacagaacuuugu.....	22	1	seq
.....ucaguUcacuacagaacuuugu.....	38	1	seq
.....ucagugGacuacagaacuuugu.....	16	1	seq
.....ucagugcacuacagaacuCu.....	16	1	seq
.....uGagugcacuacagaacuuugu.....	3	1	seq
.....ucagugcacuacagaUcuugu.....	2	1	seq
.....ucagugcacuaAagaacuuugu.....	29	1	seq
.....ucagugcacuacagaacuuugC.....	943	1	seq
.....ucagugcacuacagaacuuugu.....	164153	0	seq
.....ucagugcacuacagaacuuCgu.....	7	1	seq
.....ucagGgcacuacagaacuuugu.....	67	1	seq
.....ucagugcacuacagaaAuugu.....	28	1	seq
.....ucagugcaGuacagaacuuugu.....	9	1	seq
.....ucaguAcacuacagaacuuugu.....	21	1	seq
.....ucagugcaUuacagaacuuugu.....	9	1	seq
.....ucagugcacCacagaacuuuguc.....	2	1	seq
.....ucagugUacuacagaacuuuguc.....	1	1	seq
.....ucaguCcacuacagaacuuuguc.....	1	1	seq
.....Acagugcacuacagaacuuuguc.....	1	1	seq
.....ucGgugcacuacagaacuuuguc.....	3	1	seq
.....ucagGgcacuacagaacuuuguc.....	2	1	seq
.....ucagugcacuacagaacuuuguU.....	6379	1	seq
.....ucagCgcacuacagaacuuuguc.....	2	1	seq
.....ucagugcacuacagaacuuuguG.....	5	1	seq
.....Cagugcacuacagaacuuuguc.....	2	1	seq
.....ucagugcacuGcagaacuuuguc.....	1	1	seq
.....ucagugcacuacagaaAuugu.....	1	1	seq
.....ucagugcacuacagaaUuuuguc.....	19	1	seq
.....ucagugcacuacagaacuuuguc.....	3586	0	seq
.....ucagugcacuacagaacuuuguA.....	810	1	seq
.....ucagugcacuacagaacuuugCc.....	21	1	seq
.....ucaAugcacuacagaacuuuguc.....	1	1	seq
.....ucagugcacuacagaaUuuugucu.....	1	1	seq
.....ucagugcacuacagaacuuuguGu.....	2	1	seq
.....ucagugcacuacagaacuuuguUu.....	5830	1	seq
.....ucagugcacuacagaacuuugucC.....	102	1	seq
.....ucagugAacuacagaacuuugucu.....	1	1	seq
.....ucagugcacuacagCacuuugucu.....	1	1	seq
.....ucagCgcacuacagaacuuugucu.....	3	1	seq
.....ucagugcacuacagaacuuugucG.....	3	1	seq
.....ucagugcacuacagaacuuuguAu.....	94	1	seq
.....ucagugcacuaAagaacuuugucu.....	1	1	seq
.....ucagugcacuacagaacuuugucA.....	40	1	seq
.....ucagugcacuacagaGcuuugucu.....	2	1	seq
.....ucagugcacuacagaacuuugucu.....	739	0	seq
.....ucagugcacuacagaacuuugCcu.....	7	1	seq
.....ucagugcacuacagaacuuugucuU.....	6	1	seq
.....ucagugcacuacagaacuuugucuc.....	3	0	seq
.....ucagugcacuacagaacuuugucucU.....	5	1	seq
.....cagugcacuacagaacuuugu.....	27	0	seq
.....cagugcacuacagaacuuuguU.....	1	1	seq
.....cagugcacuacagaacuuuguc.....	26	0	seq
.....cagugcacuacagaacuuuguUu.....	2	1	seq
.....cagugcacuacagaacuuugucA.....	2	1	seq

Star

Mature

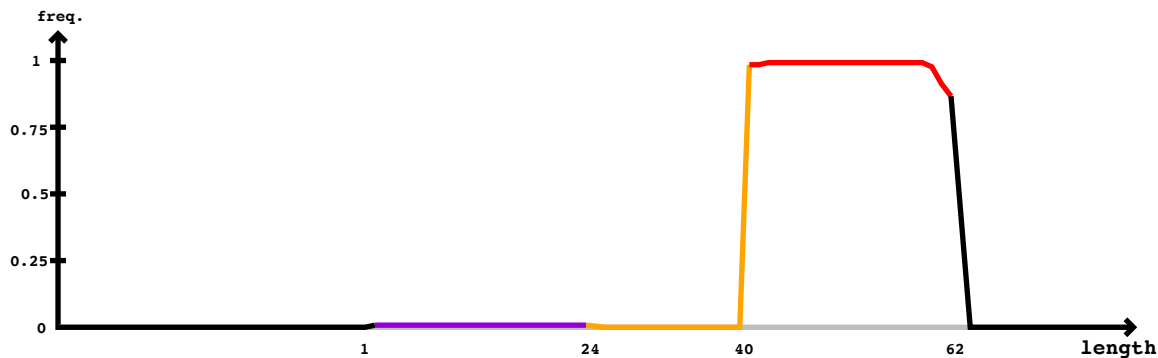
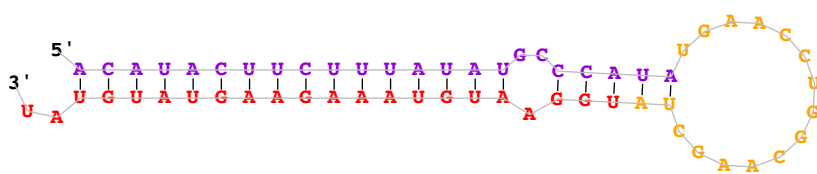
gguaccggaggaggauuggagccuccggaagcaaaagucugugacacuccgacucuggguaacgauagcagucagucacuaacagaacuuugucuccgguggcggcggc			
.....cagugcacuacagaacuuugucu.....	3	0	seq
.....agugcacuacagaacuuug.....	3	0	seq
.....agugcacuacagaacuuugu.....	35	0	seq
.....agugcacuacagaacuuuguc.....	2	0	seq
.....agugcacuacagaacuuuguU.....	2	1	seq
.....gugcacuacagaacuuugu.....	2	0	seq
.....ugcacuacagaacuuugu.....	1	0	seq

Star

Mature

uguuuguagcccagaccugagaugccauuacccaucuuacugggcagcauuggauguuucaguguuuucuaauacugccugguaaugaugaA	308	1	seq
.....uaauacugccugguaaugaugaA	2	1	seq
.....uaauacugccuggCaaugaugau	2	1	seq
.....uaaCacugccugguaaugaugau	1	1	seq
.....Aaaucugccugguaaugaugau	1	1	seq
.....uaauacugcAugguaaugaugau	1	1	seq
.....uaauacuUccugguaaugaugau	1	1	seq
.....uaauacugccugguaaugaugaC	26	1	seq
.....uaauacugccgAuaaugaugau	1	1	seq
.....uaauacugccugguaaugaugau	1475	0	seq
.....uaauacugccugguaaugaugauC	15	1	seq
.....uaauacugccugguaaugaugauU	289	1	seq
.....uaauacugccugguaaugaugaAg	1	1	seq
.....uaauacugccugguaaugaugaA	58	1	seq
.....uaauacugccugguaaugaug	3	0	seq
.....uaauacugccugguaaugaugauUa	3	1	seq
.....uaauacugccugguaaugaugauU	1	1	seq
.....aaucugccugguaaugauga	1	0	seq
.....aaUGcugccugguaaugaugau	1	1	seq
.....aaucugccugguaaugaugau	7	0	seq
.....aaucugccugguaaugaugaA	1	1	seq
.....aaucugccugguaaugaugauU	26	1	seq
.....aaucugccugguaaugaugauC	1	1	seq
.....aucugccugguaaugaugau	1	0	seq
.....aucugccugguaaugaugauC	1	1	seq
.....aucugccugguaaugaugauU	4	1	seq
.....aucugccugguaaugaugaA	1	1	seq
.....acugccugguaaugaugauC	1	1	seq
.....cugccugguaaugaugau	1	0	seq

Provisional ID : mun-miR-1
 Score total : 69
 Score for star read(s) : 3.9
 Score for read counts : 58.8
 Score for mfe : 1.7
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 127
 Mature read count : 126
 Loop read count : 0
 Star read count : 1

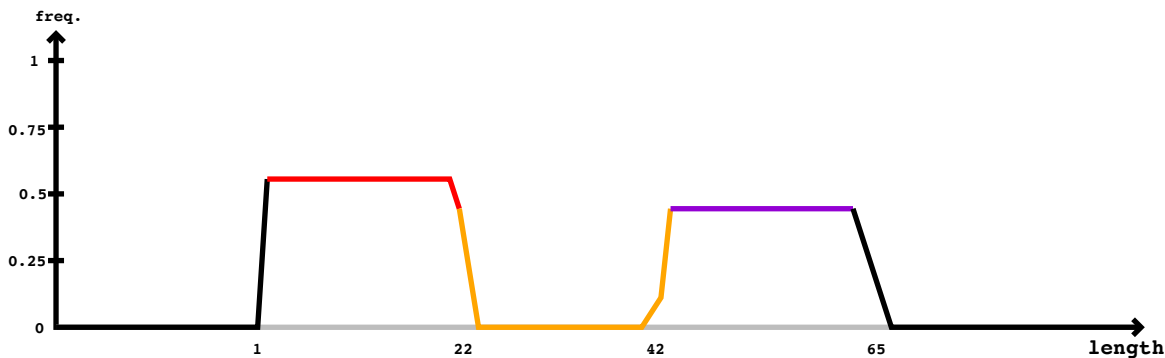
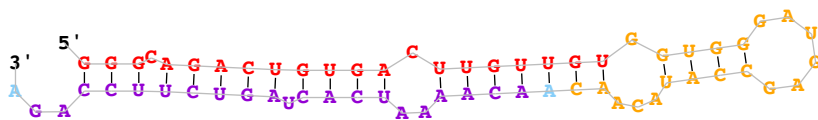


Star

Mature

5'	aaugcgcauauugaaacuaccugcuugagagaca <u>cauacuucuuuauaugcccau</u> uga <u>accuggcaagcu</u> ugga <u>auguaaagaagu</u> auuucaggugggaacccuuc aaugcgcauauugaaacuaccugcuugagagaca <u>cauacuucuuuauaugcccau</u> uga <u>accuggcaagcu</u> ugga <u>auguaaagaagu</u> auuucaggugggaacccuuc .....((..(((.....((((((((((((((((.....((((.....)))))))))))))))))).....) .....aca <u>uacuucuuuauaugc</u> A <u>cau</u> a..... .....ugga <u>auguaaagaagu</u> a..... .....ugga <u>auguaaagaag</u> C <u>augu</u>..... .....ugga <u>auguaaagaagu</u> a..... .....ugga <u>auguaaagaagu</u> a..... .....ugga <u>auguaaagaagu</u> a..... .....ugga <u>auguaaagaagu</u> a..... .....ugga <u>auguaaagaagu</u> au..... .....ug <u>Aa</u> auguaaagaaguau..... .....ugga <u>auguaaagaagu</u> aC..... .....ugga <u>auguaaagaagu</u> auA..... .....ugga <u>augu</u> U <u>aagaagu</u> auu..... .....ugga <u>auguaaagaagu</u> auu..... .....g <u>aa</u> auguaaagaaguauu.....	-3'	obs	exp	reads	mm	sample
				1	1	seq	
				2	0	seq	
				1	1	seq	
				7	0	seq	
				6	0	seq	
				2	1	seq	
				94	0	seq	
				1	1	seq	
				3	1	seq	
				1	1	seq	
				5	1	seq	
				3	0	seq	
				1	0	seq	

Provisional ID : mun-miR-3529
 Score total : 9.9
 Score for star read(s) : 3.9
 Score for read counts : 3.2
 Score for mfe : 2
 Score for randfold : -2.2
 Score for cons. seed : 3
 Total read count : 18
 Mature read count : 10
 Loop read count : 0
 Star read count : 8



Mature

Star

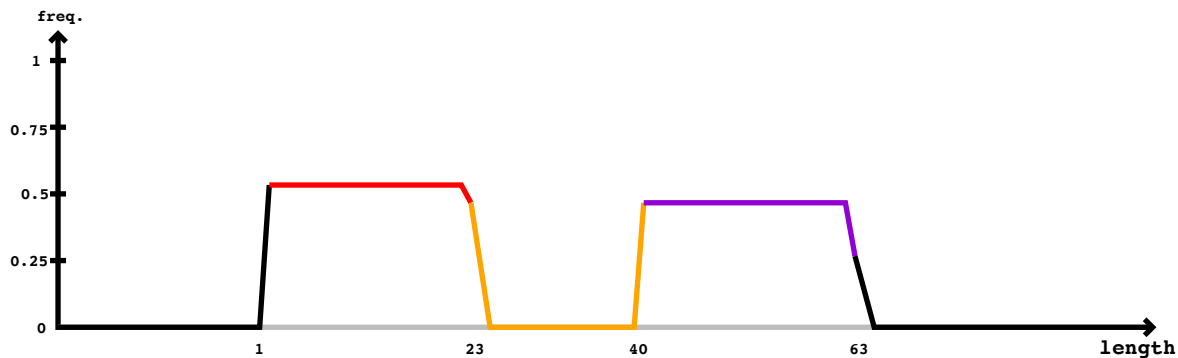
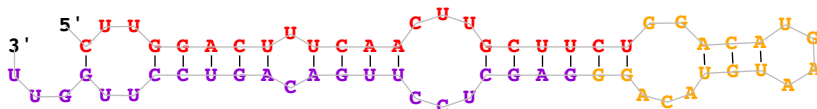
5' -	3'	obs	exp	reads	mm	sample
cggagagggccgugcgccca	gggcagacugugacuuguug	gggagccaggcaccacgucuccaca		2	0	seq
cggagagggccgugcgccca	gggcagacugugacuuguug	gggagccaggcaccacgucuccaca		7	0	seq
(.)	(.)	(.)		1	0	seq
.gggcagacugugacuuguug				1	0	seq
.gggcagacugugacuuguug				1	0	seq
.gggcagacugugacuuguug				3	0	seq
.cacaaaaucacuagucuccag				1	1	seq
.acaGaaucacuagucuccaga				1	0	seq
.acaaaaucacuagucuccaga				1	1	seq
.acaaaaucacuagucuccagaC						

Star

Mature

cugucucugucucucucucgcagcugccggcgcgcauuuuugugauuugcagcua <u>g</u> ua <u>a</u> uc <u>u</u> gg <u>c</u> cc <u>u</u> g <u>u</u> gcauagucacaaaagugaucguuggcagccgugccugcug			
.....uugcauagucacaaaagugaucguu.....	21	0	seq
.....uugcauagucacaaaagugaucguuU.....	1	1	seq
.....ugcauagucacaaaagugaucguugg.....	1	0	seq
.....ugcauagucacaaaagugau.....	1	0	seq
.....ugcauagucacaaaagugauc.....	5	0	seq
.....ugcauagucacaaaagugaucg.....	5	0	seq
.....ugcauagucacaaaagugaucgu.....	15	0	seq
.....ugcauagucacaaaagugaucguu.....	1	0	seq

Provisional ID : mun-novel80
 Score total : 8.6
 Score for star read(s) : 3.9
 Score for read counts : 1.7
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 15
 Mature read count : 8
 Loop read count : 0
 Star read count : 7

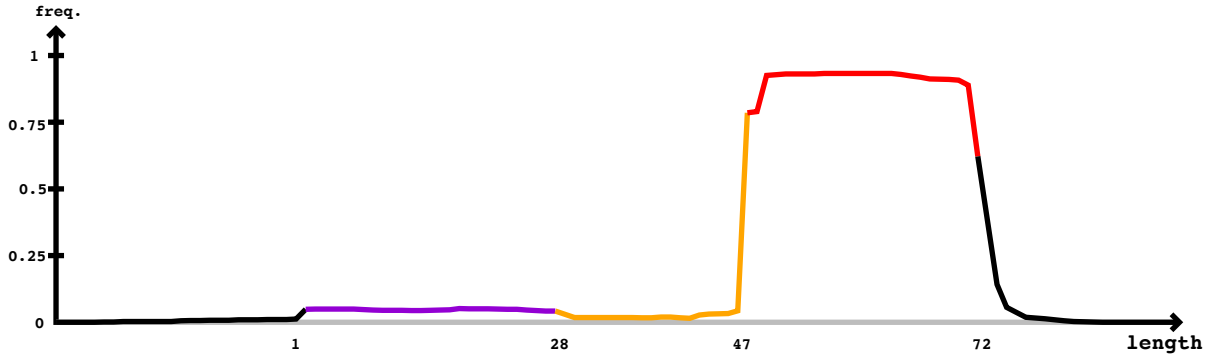
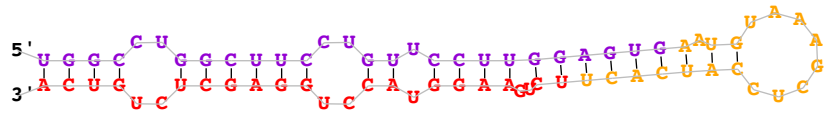


Mature

Star

5'	Sequence	-3'	obs	mm	sample
	gaagcagagaguauugucuac cuuggacu uucaacuugcuucuggac <u>augaauguacagg</u> gagc uccuugacaguc <u>cuuggu</u> uagauggcucuaaagcucggaaacuagcug				
	gaagcagagaguauugucuac cuuggacu uucaacuugcuucuggac <u>augaauguacagg</u> gagc uccuugacaguc <u>cuuggu</u> uagauggcucuaaagcucggaaacuagcug		reads		seq
	.....(((((((.....((((((.....((((((.....((((((.....)))))...)))...)))...)))...)))...))))))....(((.....)))		1	0	seq
	.....cuuggacu <u>uucaacuugcuuc</u>		7	0	seq
	.....<u>cuuggacu</u> uucaacuugcuuc.....gagcuccuugacaguc <u>cuuggu</u>		3	0	seq
	.....gagcuccuugacaguc <u>cuuggu</u>		2	0	seq
	.....gagcuccuugacaguc <u>cuuggu</u> G.....		1	1	seq
	.....gagcuccuugacaguc <u>cuuggu</u> A.....		1	1	seq

Provisional ID : mun-novel102
 Score total : 1.5
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 1.8
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 1008
 Mature read count : 960
 Loop read count : 9
 Star read count : 39



Star

Mature

5'			-3'	obs		
			exp			sample
			reads	mm		
ccuuucucugccugaccugcagca	uggccuggcuuccguuccuuggagug	aauguaaagcuccaucacuucugaagguaccuggagcucugucagagcugcucaggauccucug	1	0	seq	
ccuuucucugccugaccugcagcaug	ggcuggcuuccguuccuuggagug	aauguaaagcuccaucacuucugaagguaccuggagcucugucagagcugcucaggauccucug	1	0	seq	
.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....)))))))))))))))))).....	.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....(((.....)))))))))))))))))).....		1	0	seq	
...uucucugccugaccugcagcauggccu	.....		1	0	seq	
...cucugccugaccugcagcauggccu	.....		1	0	seq	
...cucugccugaccugcagcauggccug	.....		1	0	seq	
...cugaccugcagcauggccugU	.....		1	1	seq	
...cugaccugcagcauggccuggcu	.....		1	0	seq	
...cugaccugcagcauggccuggcuuccguu	.....		1	0	seq	
...ugaccugcagcauggccug	.....		1	0	seq	
...accugcagcauggccuggcuuccguuuc	.....		1	0	seq	
...ugcagcauggccuggcuuccguuccu	.....		1	0	seq	
...ugcagcauggccuggcuuccguuccuu	.....		1	0	seq	
...agcauggccuggcuuccguAccuugg	.....		1	1	seq	
...auggccuggcuuccguuccuuggagug	.....		2	0	seq	
...uggccuggcuuccguuccuugg	.....		3	0	seq	
...uggccuggcuuccguuccuugga	.....		2	0	seq	
...uggccuggcuuccguuccuuggag	.....		2	0	seq	
...uggccuggcuuccguuccuuggaA	.....		1	1	seq	
...uggccuggcuuccguuccuuggagug	.....		29	0	seq	
...Cggccuggcuuccguuccuuggagug	.....		1	1	seq	
...uggccuggcuuccguuccuuggagugaugu	.....		1	0	seq	
...ggccuggcuuccguuccuuggagug	.....		1	0	seq	
...uguuccuuggagugaauguaaagcuc	.....		1	0	seq	
...guuccuuggagugaauguaaagcucUaucacu	.....		1	1	seq	
...uuccuuggagugaauguaaagcuc	.....		1	0	seq	
...uccuuggagugaauguaaaa	.....		1	0	seq	
...uccuuggagugaauguaaagcuc	.....		2	0	seq	
...uccuuggagugaauguaaagcucc	.....		2	0	seq	
...cuggagugaauguaaagcuccaucacuucug	.....		1	0	seq	
...agugaauguaaagcuccaucacu	.....		1	0	seq	
...ugaauguaaagcuccaucacu	.....		1	0	seq	
...aauguaaagcuccaucacu	.....		7	0	seq	
...aaagcuccaucacuucugaagguaccugga	.....		1	0	seq	
...uccaucacuucugaagguaccuggagc	.....		1	0	seq	
...uccGucacuucugaagguaccuggagcu	.....		1	1	seq	

Star

Mature

ccuuucugccugaccugcagcaggccuggcuucuguuuccuggagugaauguaaagcuccaucacuucugaagguaccuggagcucugucagagcugcucaggauccucug

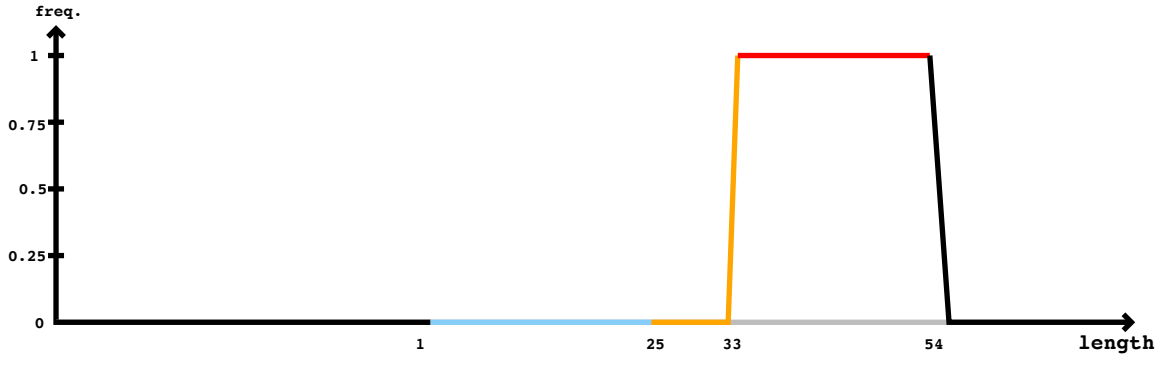
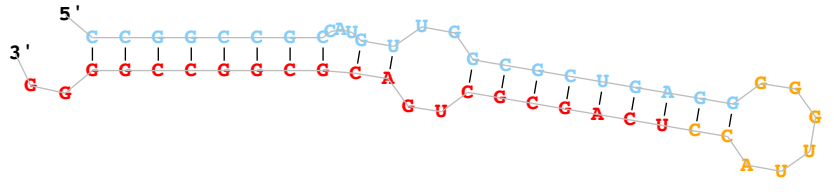
.....uccaucacuucugaagguaccuggagcu.....	1	0	seq
.....caucacuucugaagguaccuggag.....	1	0	seq
.....ucacuucugaagguaccuggag.....	4	0	seq
.....ucacuucugaagguaccuggagc.....	3	0	seq
.....ucacuucugaagguaccuggagcu.....	4	0	seq
.....ucacuucugaagguaccuggagcucu.....	1	0	seq
.....ucacuucugaagguaccuggagcucuguc.....	1	0	seq
.....cacuucugaagguaccugga.....	3	0	seq
.....cacuucugaagguaccuggagcucuguc.....	1	0	seq
.....acuucugaagguaccuggagcucugucag.....	1	0	seq
.....cuucugaagguaccuggag.....	1	0	seq
.....uucugaagguaccuggagcucuguc.....	4	0	seq
.....uucugaagguaccuggagcucuguc.....	2	1	seq
.....uucugaagguaccuggagcucuguca.....	5	0	seq
.....ucugaagguaccuggagA.....	1	1	seq
.....ucugaagguaccuggagc.....	1	0	seq
.....ucugaagguaccuggagcu.....	1	0	seq
.....ucugaagguaccuggagcuc.....	1	0	seq
.....ucugaagguaccuggagcucug.....	3	0	seq
.....ucugaagguaccuggagcucuguc.....	17	0	seq
.....ucugaagguaccuggagcucugA.....	2	1	seq
.....ucugaaggGaccuggagcucuguc.....	1	1	seq
.....ucugaagguaAaccuggagcucuguc.....	1	1	seq
.....ucugaagguaAaccuggagcucuguc.....	1	1	seq
.....ucugaagguaccuggagcucugU.....	1	1	seq
.....ucugaagguaccuggagcucuguc.....	274	0	seq
.....ucugaagguaccuggagcucugucU.....	12	1	seq
.....ucugaagguaccuggaCucuguca.....	1	1	seq
.....ucugaagguaccuggagcuUguuca.....	1	1	seq
.....ucugaagguaccuggagcucuguca.....	291	0	seq
.....ucugaagguaccuggagcucugCca.....	1	1	seq
.....ucugaagguaccuggagcucugucaC.....	3	1	seq
.....ucugaagguaccuggagcucugucaU.....	10	1	seq
.....ucugaagguaccuggagcucugucag.....	77	0	seq
.....ucugaagguaccuggagcucugucaA.....	27	1	seq
.....ucugaaggCaccuggagcucugucag.....	1	1	seq
.....ucugaagguaccuggagcuAugucag.....	1	1	seq
.....ucugaagguaccuggagcucugucagU.....	2	1	seq
.....ucugaagguaccuggagcucugucaga.....	39	0	seq
.....ucugaagguaccuggagcucugucaAa.....	8	1	seq
.....ucugaagguaccuggagcucugucGga.....	1	1	seq
.....ucugaagguaccuggagcucugucagag.....	5	0	seq
.....ucugaagguaccuggagcucugucagagA.....	1	1	seq
.....ucugaagguaccuggagcucugucagagU.....	1	1	seq
.....Ccuugaagguaccuggagcucugucagagc.....	1	1	seq
.....ucugaagguaccuggagcucugucagagc.....	4	0	seq
.....ucugaagguaccuggagcucugucagagcu.....	2	0	seq
.....ucugaagguaccuggagcucugucagagcuU.....	2	1	seq
.....ucugaagguaccuggagcucugucagagcugc.....	4	0	seq
.....ucugaagguaccuggagcucugucagagcugcA.....	1	1	seq
.....ucugaagguaccuggagcucugucagagcugcu.....	2	0	seq
.....ucugaagguaccuggagcucugucagagcugcuA.....	1	1	seq
.....ucugaagguaccuggagcucugucagagcugcuc.....	1	0	seq
.....ucugaagguaccuggagcucugucagagcugcucag.....	1	0	seq
.....cuugaagguaccuggagcucuguca.....	4	0	seq
.....cuugaagguaccuggagcucugucaga.....	1	0	seq
.....ugaagguaccuggagcucuguc.....	1	0	seq
.....ugaagguaccuggagcucugCca.....	1	1	seq
.....ugaagguaccuggagcucuguca.....	27	0	seq
.....ugaagguaccuggagcucugucag.....	44	0	seq
.....ugaagguaccuggagcucugucaU.....	1	1	seq
.....ugaagguaccuggagcucugucaA.....	1	1	seq
.....uAaagguaccuggagcucugucag.....	1	1	seq
.....ugaaAguaccuggagcucugucag.....	1	1	seq
.....ugaagguaccuggagcucugucaAa.....	2	1	seq
.....ugaagguaccuggagcucugucagU.....	2	1	seq
.....ugaagguaccuggagcucugucaga.....	35	0	seq
.....ugaagguaccuggagcucugucagaA.....	2	1	seq
.....ugaagguaccuggagcucugucagag.....	12	0	seq
.....ugaagguaccuggagcucugucagagc.....	12	0	seq

Star

Mature

ccuuucucugccugaccugcagcauggccuggcuuccuguuccuuggagugaauguaaagcuccaucacucugaagguaccuggagcucugucagagcugcucaggauccucug			
.....ugaagguaccuggagcucugucagagcug.....	1	0	seq
.....ugaagguaccuggagcucugucagagcugcu.....	1	0	seq
.....ugaagguaccuggagcucugucagagcugcuc.....	1	0	seq
.....gaagguaccuggagcucuguca.....	2	0	seq
.....gaagguaccuggagcucugucaga.....	1	0	seq
.....aagguaccuggagcucuguca.....	1	0	seq
.....aagguaccuggagcucugucaga.....	1	0	seq
.....aagguaccuggagcucugucagag.....	1	0	seq
.....aagguaccuggagcucugucagagA.....	1	1	seq
.....uaccuggagcucugucagagcu.....	1	0	seq
.....uaccuggagcucugucagagcugcuca.....	1	0	seq
.....ucugucagagcugcucagg.....	1	0	seq

Provisional ID : mun-novel2
 Score total : 2.5
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2.8
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 15
 Mature read count : 15
 Loop read count : 0
 Star read count : 0

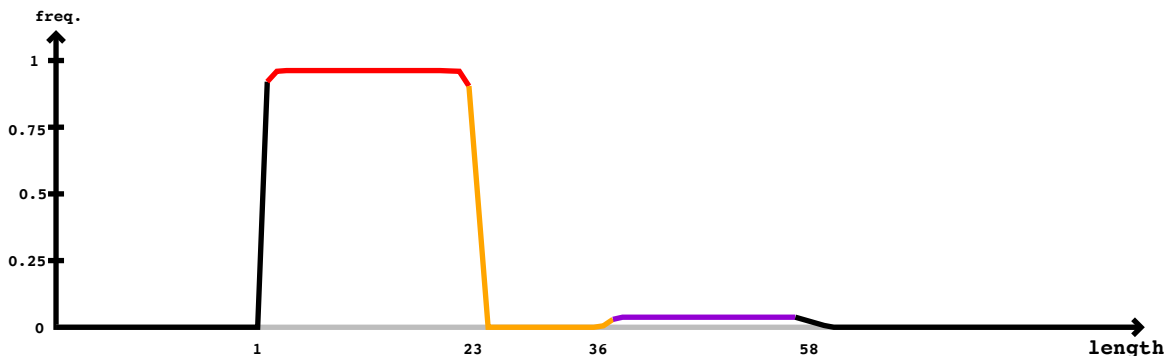
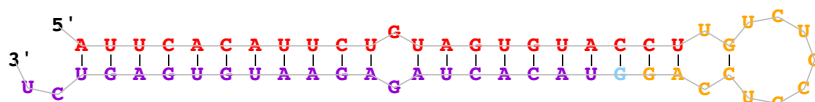


Star

Mature

5'	guuggacuacauuucccagcgugcccgcggccgcuu	ccggccgccauguuggcgugaggg	ggguuaccuacagcgugacgcggccgggggagugcgccgggcugggac	-3'	exp		
	.....	(((.....(((.....(((.....(((.....(((.....))))))))))..))..))..))..))..	.....ucagcgugacgcggccgggC.....	reads	mm	sample	
			.....ucagcgugacgcggccgggU.....	13	1	seq	
				2	1	seq	

Provisional ID : mun-novel56
 Score total : 379.2
 Score for star read(s) : 3.9
 Score for read counts : 372.3
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 742
 Mature read count : 714
 Loop read count : 0
 Star read count : 28

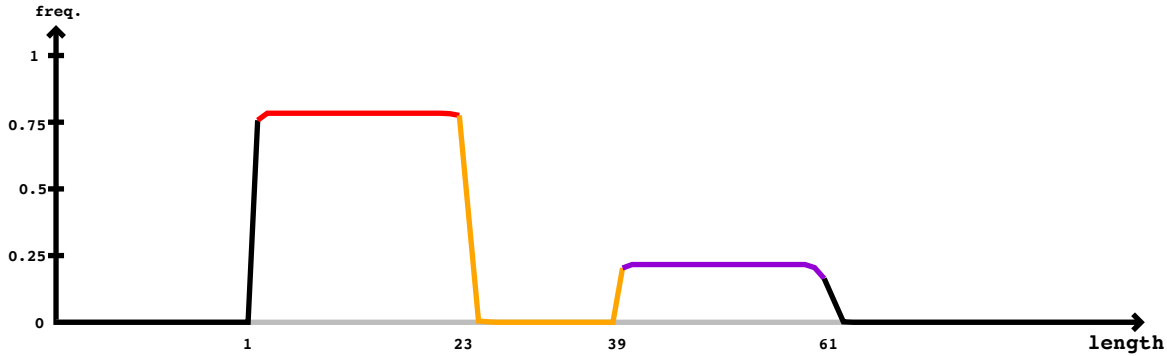
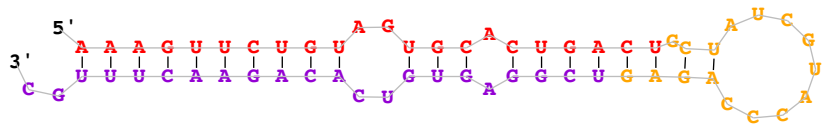


Mature

Star

5' -	obs	reads	mm	sample
uaucucugaaucaacuagagauucacauucuguaguguaccuugucugccuccagguaacacugagaugugagucugcaagugagauaccuggaauucuuuguguugcag	-3'			
uaucucugaaucaacuagagauucacauucuguaguguaccuugucugccuccagguaacacugagaugugagucugcaagugagauaccuggaauucuuuguguugcag	exp			
.....((((((-((((((((((((((-((((((((((-.....))))).....((((((-.....))))).....				
.....auucacauucuguagugua.....	1	0	seq	
.....auucacauucugAaguguac.....	1	1	seq	
.....auucacauucuguaguguacc.....	40	0	seq	
.....auuAacauucuguaguguaccu.....	1	1	seq	
.....auucacauucuguaguguaccG.....	2	1	seq	
.....auucacauucuguGguguaccu.....	1	1	seq	
.....auucacauucuguaguguaccu.....	628	0	seq	
.....auucacauucuguaguguaccA.....	5	1	seq	
.....auucacauucuguagugCaccu.....	1	1	seq	
.....auucacauucuguaguguaccuu.....	2	0	seq	
.....auucacauucuguaguguaccuA.....	1	1	seq	
.....uucacauucuguaguguacc.....	1	0	seq	
.....uucacauucuguaguguaccu.....	27	0	seq	
.....uucacauucuguaguguaccuA.....	1	1	seq	
.....ucacauucuguaguguaccu.....	2	0	seq	
.....guacacuGgagaugugagucu.....	2	1	seq	
.....guacacuagagaugugagucu.....	2	0	seq	
.....uacacuGgagaugugagucu.....	15	1	seq	
.....uacacuagagaugugagucu.....	2	0	seq	
.....uacacuagagaugugagucug.....	1	0	seq	
.....acacuagagaugugagucug.....	1	0	seq	
.....acacuGgagaugugagucugc.....	1	1	seq	
.....acacuagagaugugagucugc.....	4	0	seq	

Provisional ID : mun-miR-148-2
 Score total : 315.6
 Score for star read(s) : 3.9
 Score for read counts : 305
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 610
 Mature read count : 478
 Loop read count : 0
 Star read count : 132

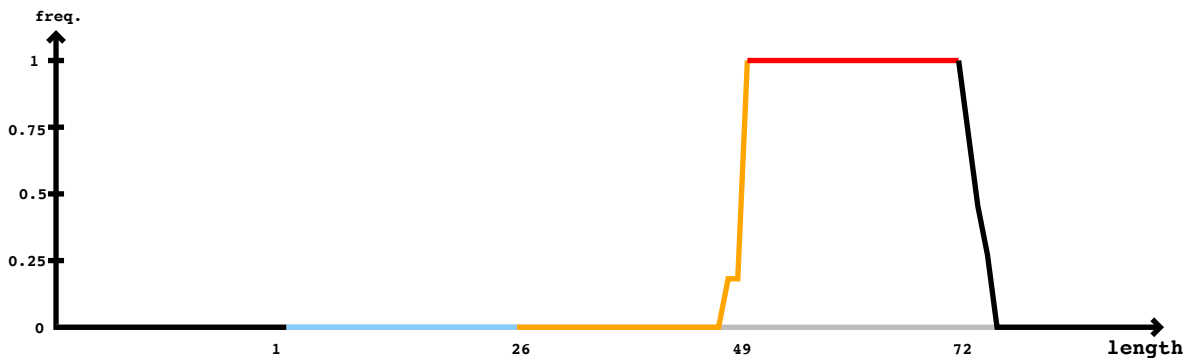
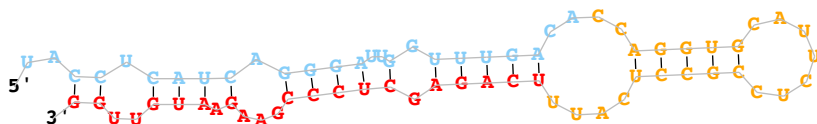


Mature

Star

5' -	3'	obs	exp	reads	mm	sample
ggcgcgccaccggagacaaaguucugugacugacugcuaucguaccagagucggagugucacagaacuugc	uuccggaggcuccaauccucccgguaccgg					
ggcgcgccaccggagacaaaguucugugacugacugcuaucguaccagagucggagugucacagaacuugc	uuccggaggcuccaauccucccgguaccgg					
(((((.....)))-(((.....(((((((((((.....))))))))))))))..(((((((.....))))))..))))						
.....aaaguucugugacugac.....		1	0		0	seq
.....aaaguucugugacugac.....		3	0		0	seq
.....aaaAuucugugacugac.....		1	1		1	seq
.....aaaguucugugacugacA.....		4	1		1	seq
.....aaaguucugugacugacU.....		1	1		1	seq
.....aaaguucugugacugac.....		449	0		0	seq
.....aaaguucugugacugacU.....		1	1		1	seq
.....aaaguucugugacugacugc.....		1	0		0	seq
.....aaaguucugugacugacugc.....		1	0		0	seq
.....aaaguucugugacugac.....		1	0		0	seq
.....aaaguucugugacugac.....		13	0		0	seq
.....aaaguucugugacugac.....		1	0		0	seq
.....aaaguucugugacugacugG.....		1	1		1	seq
.....ucggagugucacagaacuug.....		7	0		0	seq
.....ucggagugucacagaacuug.....		24	0		0	seq
.....ucggagugucacagaacuugG.....		1	1		1	seq
.....ucggagugucacagaacuugc.....		60	0		0	seq
.....ucggagugucacagaacuugA.....		2	1		1	seq
.....ucggagugucacagaacuugU.....		6	1		1	seq
.....ucggagugucacagaacuugcA.....		2	1		1	seq
.....Acggagugucacagaacuugcu.....		1	1		1	seq
.....ucggagugucacagaacuugcC.....		2	1		1	seq
.....ucggagugucacagaacuugcu.....		18	0		0	seq
.....ucggagugucacagaacuugUuu.....		1	1		1	seq
.....cggagugucacagaacuugc.....		1	0		0	seq
.....cggagugucacagaacuugcu.....		7	0		0	seq

Provisional ID : mun-novel39
 Score total : 0
 Score for star read(s) : -1.3
 Score for read counts : -0.3
 Score for mfe : 0.8
 Score for randfold : -2.2
 Score for cons. seed : 3
 Total read count : 11
 Mature read count : 11
 Loop read count : 0
 Star read count : 0



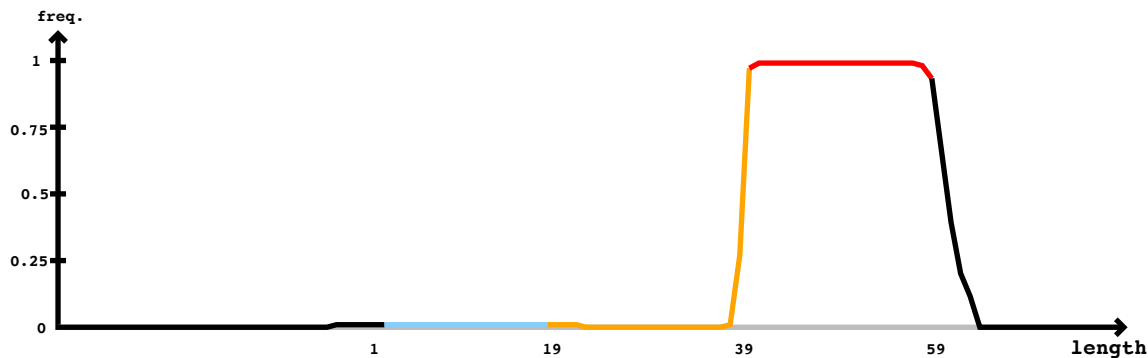
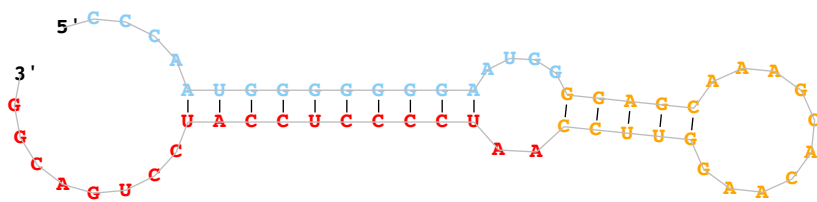
Star

Mature

```

5' - gguggaccucuggaaacccauccuaccucaucagggaugguuugacaccaggugcauucuccgcucauuucagagcuccgaagaauuggaugggaaaaaaaaauaguau -3' exp
(((...)).....(((((((..(((..(((..(((..(((.....((((.....)))))).....))))))..))))))..))))))..... reads mm sample
.....uuucagagcuccgaagaauugg..... 1 0 seq
.....uuucagagcuccgaagaauuggaug..... 1 0 seq
.....ucagagcuccgaagaauugg..... 3 0 seq
.....ucagagcuccgaagaauugga..... 2 0 seq
.....ucagagcuccgaagaauuggau..... 2 0 seq
.....ucagagcuccgaagaauuggaug..... 2 0 seq
  
```

Provisional ID : mun-novel14
 Score total : 5.3
 Score for star read(s) : -1.3
 Score for read counts : 0
 Score for mfe : 2
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 103
 Mature read count : 103
 Loop read count : 0
 Star read count : 0



Star

Mature

5' - gucaacaacauccugcagaacgcacaggucagcccaauggggggaauggggagcaagcacaagguccaaucuccuccaaccugacggcugcccuggcacaggagcg -3'	exp	reads	mm	sample
.....((((((.....((.....((((((((((((((((.....((((.....)))))))))))))).....)))))).....		1	0	seq
.....gucagcccaauggggggaaugggga.....		1	1	seq
.....ccaucuccuccaaccugacggcuU.....		2	0	seq
.....cauuccuccaaccugacg.....		10	0	seq
.....cauuccuccaaccugacggU.....		2	1	seq
.....cauuccuccaaccugacggU.....		2	1	seq
.....cauuccuccaaccugacggcu.....		8	0	seq
.....cauuccuccaaccugacggcuU.....		2	1	seq
.....cauuccuccaaccugacggcug.....		1	0	seq
.....aaucuccuccaaccugac.....		1	0	seq
.....aaucuccuccaaccugacg.....		2	0	seq
.....aaucuccuccaaccugacguU.....		1	1	seq
.....aaucucccuUcauccugacgg.....		1	1	seq
.....aaucuccuccaaccugacgg.....		23	0	seq
.....aaucuccuccaaccugacggA.....		1	1	seq
.....aaucuccuccaaccugacggU.....		10	1	seq
.....aaucuccuccaaccugacggc.....		6	0	seq
.....aaucuccuccaaccugacggcA.....		1	1	seq
.....aaucuccuccaaccugacggUu.....		1	1	seq
.....aaucuccuccaaccugacggcu.....		9	0	seq
.....aaucuccuccaaccugacggcug.....		3	0	seq
.....aaucuccuccaaccugacggcuU.....		2	1	seq
.....aaucuccuccaaccugacggcugU.....		6	1	seq
.....aaucuccuccaaccugacggcugG.....		1	1	seq
.....aaucuccuccaaccugacggcugc.....		5	0	seq
.....aucuccuccaaccugacg.....		1	0	seq
.....aucuccuccaaccugacggcu.....		1	0	seq

Mature

Star

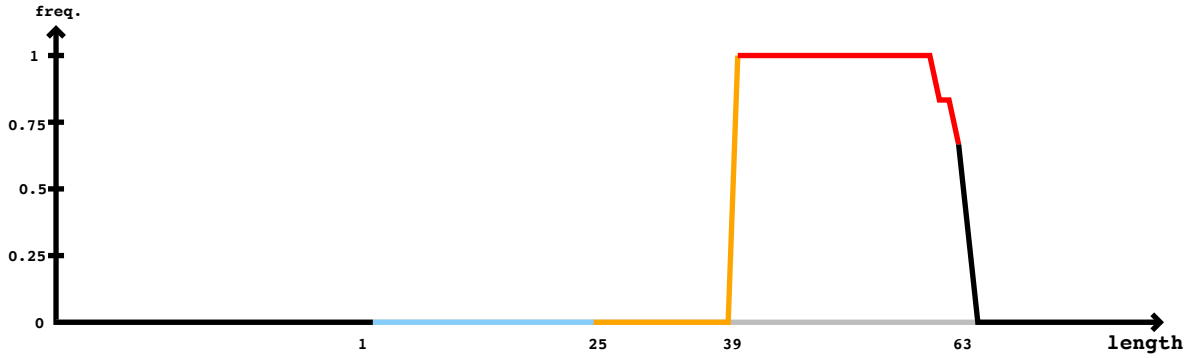
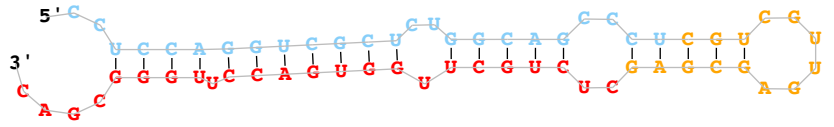
aagaccuggguugguuuuucucuuggguuauacuagcuguagaguguauguguaucuaaaagcuagagaaccgaauguaaaaccacucgcuguuccgggagaagagcc			
.....a	1	1	seq
.....a	28	0	seq
.....a	17	0	seq
.....C	1	1	seq
.....a	3	1	seq
.....a	24	1	seq
.....a	8	0	seq
.....u	1	0	seq
.....u	6	0	seq
.....u	1	1	seq
.....u	108	0	seq
.....u	1	1	seq
.....u	1	1	seq
.....u	1	1	seq
.....u	127	0	seq
.....u	1	1	seq
.....u	143	1	seq
.....u	152	0	seq
.....u	2	0	seq
.....u	1	1	seq

Star

Mature

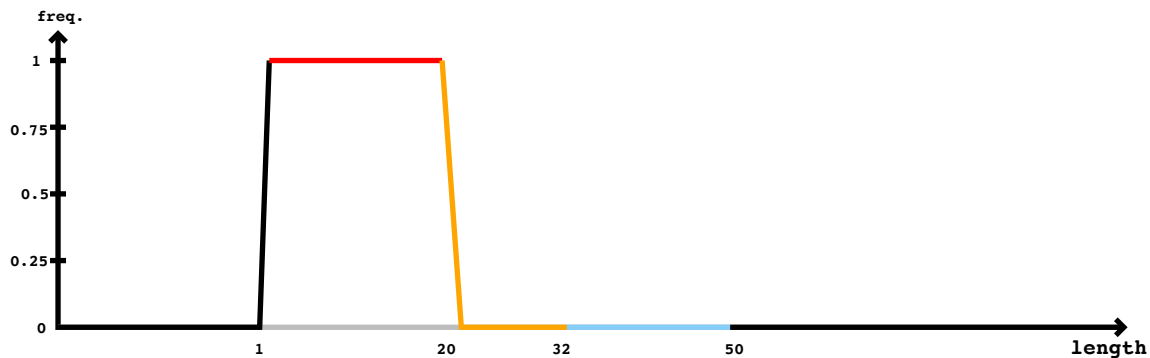
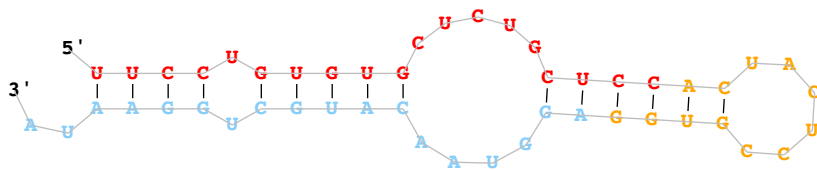
cagaggguuugcucuaaaacuauugugagaccuccggcuacaacacaggacaugggagcuuuucugaaccucgugucuuguguugcagccaU.....	31	1	seq
.....ucgugucuuguguugcagccaU.....	1	1	seq
.....ucgugucuuguguugcagccaU.....	1	1	seq
.....ucgugucuuguguugcagccaU.....	2	1	seq
.....ucgugucuuguguugcagccaU.....	6	1	seq
.....ucgugucuuguguugcagccaU.....	3	1	seq
.....ucgugucuuguguugcagccaU.....	665	1	seq
.....ucgugucuuguguugcagccaU.....	2	1	seq
.....ucgugucuuguguugcagccaU.....	166	0	seq
.....ucgugucuuguguugcagccaU.....	3	1	seq
.....ucgugucuuguguugcagccaU.....	2	1	seq
.....ucgugucuuguguugcagccaU.....	8	1	seq
.....ucgugucuuguguugcagccaU.....	4	0	seq
.....ucgugucuuguguugcagccaU.....	2	1	seq
.....ucgugucuuguguugcagccaU.....	31	0	seq
.....ucgugucuuguguugcagccaU.....	1	1	seq
.....ucgugucuuguguugcagccaU.....	1	1	seq
.....ucgugucuuguguugcagccaU.....	467	1	seq
.....ucgugucuuguguugcagccaU.....	3	1	seq
.....ucgugucuuguguugcagccaU.....	25	0	seq
.....ucgugucuuguguugcagccaU.....	2	1	seq
.....ucgugucuuguguugcagccaU.....	4	1	seq
.....ucgugucuuguguugcagccaU.....	1	1	seq

Provisional ID : mun-miR-2968
 Score total : 2.7
 Score for star read(s) : -1.3
 Score for read counts : -2.8
 Score for mfe : 2.4
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 6
 Mature read count : 6
 Loop read count : 0
 Star read count : 0



Star		Mature				
5' -	agccggucgcugcugcccugugaauugcugu	cuccaggucgcucuggcagccucgucguagagcgag	cucugcuuggugaccuuggggcagcagcagcuucaccaggucgcc	-3'	exp	
	(((.)))	(((((.))))	(((((.))))	reads	mm	sample
	.....	.....	.....	1	1	seq
	.....	.....	.....	1	1	seq
	.....	.....	.....	3	1	seq
	.....	.....	.....	1	1	seq

Provisional ID : mun-novel19
 Score total : 1.1
 Score for star read(s) : -1.3
 Score for read counts : -3.9
 Score for mfe : 1.8
 Score for randfold : 1.6
 Score for cons. seed : 3
 Total read count : 4
 Mature read count : 4
 Loop read count : 0
 Star read count : 0



Mature

Star

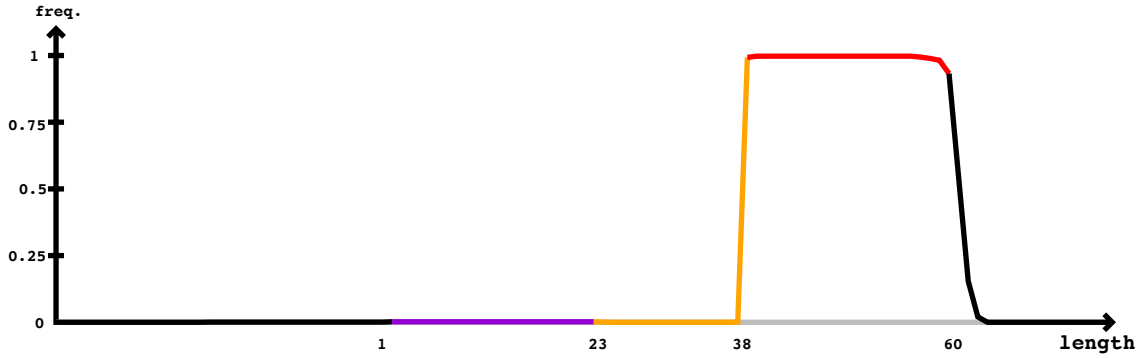
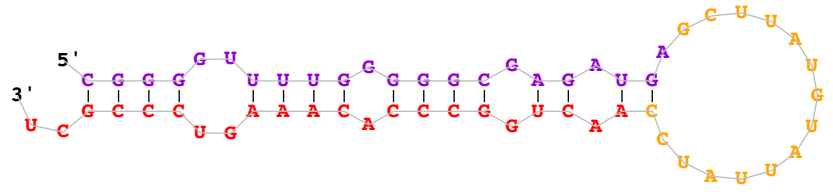
5' - gagguuuaacauucaugcuguuccugugugcucugcuccacuacuccguggagguaacaugcuggaauagcuugugcuugcccaggggcuaggaagguaccagaccac -3' exp
 ..(((((((.....(((((((.....(((((((.....(((((((.....)))))))).)))))))).)))))).. reads mm sample
uuccugugcucugcucc..... seq

Star

Mature

ggccacagcccaugaggccaaugcuuugcuaaagcugguaaauggaacaaa <u>ucaacuguucaaugga</u> uuuggu <u>cccucaaccagc</u> guagcugugcauugaucucuca			
.....uuggu <u>cccucaaccagc</u>	5	0	seq
.....uuggu <u>cccucaaccagc</u> u.....	3	0	seq
.....uuggu <u>cccucaaccagc</u> g.....	28	0	seq
.....uuggu <u>cccucaacc</u> Uagcug.....	1	1	seq
.....uuggu <u>cccucaacc</u> Ucugu.....	1	1	seq
.....uuggu <u>cccucaaccagc</u> gu.....	545	0	seq
.....uuggu <u>cccucaacc</u> Gcagcugu.....	1	1	seq
.....uuggu <u>ccUucaaccagc</u> gu.....	1	1	seq
.....uugg <u>Ccccucaaccagc</u> gu.....	1	1	seq
.....uuggu <u>cccucaaccagc</u> uCu.....	1	1	seq
.....uuggu <u>cccucaaccagc</u> uG.....	2	1	seq
.....uuggu <u>cccucaacc</u> Ucagcugu.....	1	1	seq
.....uuggu <u>cccucaaccagc</u> guU.....	43	1	seq
.....uuggu <u>cccucaaccagc</u> gua.....	16	0	seq
.....uuggu <u>cccucaaccagc</u> uCa.....	1	1	seq
.....uuggu <u>cccucaaccagc</u> uaA.....	3	1	seq
.....uuggu <u>cccucaaccagc</u> uUg.....	1	1	seq
.....uuggu <u>cccucaaccagc</u> uaU.....	4	1	seq
.....uuggu <u>cccucaaccagc</u> gu.....	5	0	seq
.....u <u>cccucaaccagc</u> gu.....	1	0	seq

Provisional ID : mun-miR-193a
 Score total : 805.1
 Score for star read(s) : 3.9
 Score for read counts : 799
 Score for mfe : 1.4
 Score for randfold : -2.2
 Score for cons. seed : 3
 Total read count : 1579
 Mature read count : 1576
 Loop read count : 0
 Star read count : 3



Star

Mature

5' -	3' -	obs	exp	reads	mm	sample
aaaugaauccgggaagguugugguuccagagucgggguuuugggggcgagauagcuuuuguauuuaccacuggcccacaaaguccgcuuuuguggucacuuug						
aaaugaauccgggaagguugugguuccagagucgggguuuugggggcgagauagcuuuuguauuuaccacuggcccacaaaguccgcuuuuguggucacuuug						
.....((.....)).(((.....((((.....((((.....((((.....((((.....((((.....)))))))).)))))))).)))))).....						
.....aagguugugguuccagagu.....		1	0	1	0	seq
.....cgggguuuugggggcgagauagU.....		1	1	1	1	seq
.....cgggguuuugggggcgagauga.....		2	0	2	0	seq
.....caacuggcccacaaaguccgc.....		1	0	1	0	seq
.....caacuggcccacaaaguccgcuuu.....		1	0	1	0	seq
.....aacuggccUacaaagucc.....		2	1	2	1	seq
.....aacuggcccacaaagucc.....		3	0	3	0	seq
.....aacuggcccacaaaguccc.....		6	0	6	0	seq
.....aacuggccUacaaaguccc.....		2	1	2	1	seq
.....aacuggcccacaaagucccg.....		11	0	11	0	seq
.....Gacuggcccacaaagucccg.....		1	1	1	1	seq
.....aacuggcccacaaagucccg.....		71	0	71	0	seq
.....aacuggcccacaaagucccgU.....		5	1	5	1	seq
.....aacuggcccacaaagucccgA.....		1	1	1	1	seq
.....aacuggcccacaaagGcccgc.....		1	1	1	1	seq
.....aacuggcccacaaagucccgA.....		7	1	7	1	seq
.....aacuggcccacaaaguccA.....		2	1	2	1	seq
.....aacuggcccacaaagucccgC.....		8	1	8	1	seq
.....aacuggcccacaaagucccgcu.....		873	0	873	0	seq
.....aacuggcccUaaagucccgcu.....		1	1	1	1	seq
.....aacuggcccacaaaguccUcgcu.....		1	1	1	1	seq
.....aacuggcccacaaagucccgcu.....		1	1	1	1	seq
.....aacuggcccacaaagucccgcuu.....		316	0	316	0	seq
.....aacuggcccacaaagucccgcuG.....		3	1	3	1	seq
.....aacuggcccacaaagucccgAu.....		2	1	2	1	seq
.....aacuggcUcacaagucccgcuu.....		1	1	1	1	seq
.....Gacuggcccacaaagucccgcuu.....		1	1	1	1	seq
.....aacuggcccacaaagucccgCu.....		6	1	6	1	seq
.....aacuggcccacaaagucccgcuA.....		2	1	2	1	seq
.....aacuggcccacaaagucccgcuC.....		1	1	1	1	seq
.....aacuggcccacaaagucccgCuu.....		3	1	3	1	seq
.....aacuggcccacaaagucccgcuuu.....		194	0	194	0	seq
.....aacuggcccacaaagucccgcuuA.....		1	1	1	1	seq

Star

Mature

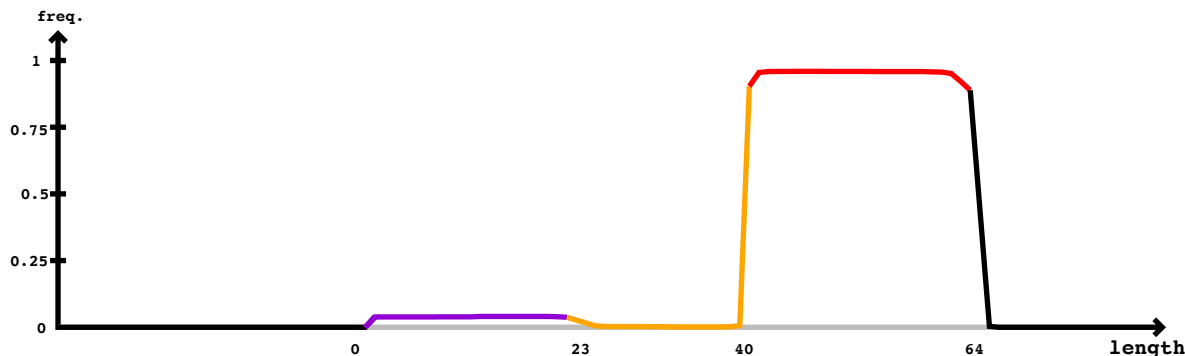
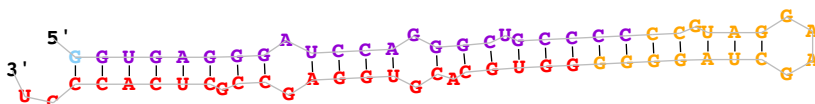
aaaugaauccggaagguugguuccagagucgggguuuuggggcgagaugagcuauguaauauccaacuggcccacaaaguccgcuuuugggucacuuug			
.....aacuggcccacaaaguccgcuC.....	3	1	seq
.....aacuggcccacaaaguccgcuC.....	1	1	seq
.....aacuggcccacaaaguccgcUA.....	3	1	seq
.....aacuggcccacaaaguccgcUG.....	1	1	seq
.....aacuggcccacaaaguccgcUG.....	3	1	seq
.....aacuggcccacaaaguccgcUAU.....	3	1	seq
.....aacuggcccacaaaguccgcUUU.....	1	1	seq
.....aacuggcccacaaaguccgcUUUU.....	26	0	seq
.....acuggcccacaaaguccgcUU.....	3	0	seq
.....acuggcccacaaaguccgcUUU.....	2	0	seq
.....acuggcccacaaaguccgcUUUU.....	1	0	seq
.....acuggcccacaaaguccgcUAU.....	1	1	seq

Star

Mature

cagcugcuggacagacuggguccucugugggcaucuuacuaagacagucuggauuuuuuggaucuacucuaaacacugucugguaacgauguuuaaagggugaaaccaaacacc			
.....uaaacacuguUugguaacgaugu.....	1	1	seq
.....uaaacacugucugguaaUgaugu.....	2	1	seq
.....uaaacacugGcugguaacgaugu.....	1	1	seq
.....uaaacacugucugguaacgauguCu.....	1	1	seq
.....uaaacacugucugguaacgaugA.....	12	1	seq
.....uaaacacugucugguaacgaugu.....	569	0	seq
.....uaaacacuAucugguaacgauguu.....	1	1	seq
.....uaaacacugucuggGaacgauguu.....	2	1	seq
.....uaaacacugucuggGacgauguu.....	2	1	seq
.....uaaacacugucugguaacgUuguu.....	1	1	seq
.....uaacaGugucugguaacgauguu.....	1	1	seq
.....uaaacacuUucugguaacgauguu.....	1	1	seq
.....Gaacacugucugguaacgauguu.....	2	1	seq
.....uaaacacugucugguaaAgauguu.....	1	1	seq
.....uaaacacugucuggCaacgauguu.....	1	1	seq
.....uaaacacugucUuaacgauguu.....	1	1	seq
.....uaaacacugCcugguaacgauguu.....	1	1	seq
.....uaaacacugucugguaacgauguu.....	841	0	seq
.....Aaacacugucugguaacgauguu.....	1	1	seq
.....uaaacacugucugguaacgauguA.....	9	1	seq
.....uaaacacugucugguaacgauguuA.....	13	1	seq
.....uaaacacugucugguaacgauguuC.....	4	1	seq
.....uaaacacugucugguaacgauguCu.....	3	1	seq
.....uaaacacugucugguaacgauguuu.....	64	0	seq
.....uaaacacugucugguaacgauguuCa.....	1	1	seq
.....uaaacacugucugguaacgauguuuU.....	2	1	seq
.....aacacugucugguaacgauguuuU.....	1	1	seq

Provisional ID : mun-novel5
 Score total : 1328.9
 Score for star read(s) : 3.9
 Score for read counts : 1321.6
 Score for mfe : 2.5
 Score for randfold : 1.6
 Score for cons. seed : -0.6
 Total read count : 2604
 Mature read count : 2502
 Loop read count : 1
 Star read count : 101



Star

Mature

5' -	uguggcucgaggggugcagaagauccugcag	gugagggauccagggcugcccc	ccguaggaagcuaggggggugcacguggagccgcucacccu	cuccccccguguucugcuc	-3'	obs		
	uguggcucgaggggugcagaagauccugcag	gugagggauccagggcugcccc	ccguaggaagcuaggggggugcacguggagccgcucacccu	cuccccccguguucugcuc		exp		
	.(.(.(((.((((.(.....))))).(((((((.((((.((((.((((.(.....)))))))))).).))))).))))).....))))).))..)				reads	mm	sample	
	.....gugagggauccagggcugc.....				3	0	seq	
	.....gugagggauccagggcugcc.....				5	0	seq	
	.....gugagggauccagggcugcca.....				1	1	seq	
	.....gugagggauccagggcugccU.....				3	1	seq	
	.....gugagggauccagggcugccc.....				3	0	seq	
	.....gugagggauccagggcugcccU.....				2	1	seq	
	.....gugagggauccagggcugcccc.....				64	0	seq	
	.....gugagggauccagggcugccccA.....				4	1	seq	
	.....gugagggauccagggcugcccc.....				1	0	seq	
	.....gugagggauccagggcugccccU.....				9	1	seq	
	.....gugagggauccagggcugccccA.....				1	1	seq	
	.....gugagggauccagggcugccccU.....				4	1	seq	
	.....gugagggauccagggcugccccU.....				1	1	seq	
	.....auccagggcugcccccguaagg.....				1	0	seq	
	.....agggcugcccccguaagga.....				1	0	seq	
	.....agggcugcccccguaagga.....				1	0	seq	
	.....agggcugcccccguaagga.....				1	0	seq	
	.....agggcugcccccguaaggaag.....				1	0	seq	
	.....agggcugcccccguaaggaag.....				1	0	seq	
	.....cguaggaagcuaggggggugcacguggag.....				1	0	seq	
	.....cguaggaagcuaggggggugcacguggag.....				1	0	seq	
	.....ggggugcacguggagccgcucacc.....				2	0	seq	
	.....gggugcacguggagccgcucacc.....				4	0	seq	
	.....gggugcacguggagccgcucacU.....				2	1	seq	
	.....gggugcacguggagccgcucacc.....				1	0	seq	
	.....gggugcacguggagccgcucaccG.....				1	1	seq	
	.....gggugcacguggagccgcucaccu.....				1	0	seq	
	.....Cggugcacguggagccgcucaccu.....				2	1	seq	
	.....ggugcacguggagccgcuc.....				2	0	seq	
	.....ggugcacguggagccgcuca.....				1	0	seq	
	.....ggugcacguggagccgcucU.....				1	1	seq	
	.....ggugcacguggagccgcucac.....				10	0	seq	
	.....ggugcacguggagccgcUac.....				1	1	seq	
	.....ggugcacguggagccgcuca.....				1	1	seq	

Star

Mature

uguggcucgaggggugcagaagaucugcag	gugagggauccagggcugcccccguaaggaagcuaggggggugcagcugggagccgcucacccu	cucccccguguucugcuc		
.....	ggugcagcugggagccgcucacU.....		19	1
.....	ggugcagcugggagccgcucacc.....		40	0
.....	ggGcagcugggagccgcucaccc.....		1	1
.....	ggugcagcugggagccgcucaccc.....		66	0
.....	ggugcagcugggagccgcucaccU.....		7	1
.....	gUugcagcugggagccgcucacccu.....		1	1
.....	Cgugcagcugggagccgcucacccu.....		1	1
.....	ggugcagcugggagcUgucacccu.....		1	1
.....	ggugcagcuggaUccgcucacccu.....		1	1
.....	ggugcaUgugggagccgcucacccu.....		1	1
.....	ggugAacgugggagccgcucacccu.....		1	1
.....	ggUcagcugggagccgcucacccu.....		1	1
.....	Agugcagcugggagccgcucacccu.....		2	1
.....	ggugcagcugggagccgUucacccu.....		1	1
.....	ggugcaAgugggagccgcucacccu.....		1	1
.....	ggugcagcugggagccgcucacccu.....		2040	0
.....	ggugcagcugggagccgcUacccu.....		1	1
.....	ggugcagcUugggagccgcucacccu.....		1	1
.....	ggugcagcugggGccgcucacccu.....		1	1
.....	ggugcagcugggagccgcucacccA.....		64	1
.....	ggugcGcugggagccgcucacccu.....		2	1
.....	gAugcagcugggagccgcucacccu.....		1	1
.....	Uugcagcugggagccgcucacccu.....		2	1
.....	ggugcagcugggagccgcucacccG.....		38	1
.....	ggugcagcugCagccgcucacccu.....		1	1
.....	ggCgcagcugggagccgcucacccu.....		2	1
.....	ggugcagcugggagccgcucacccC.....		14	1
.....	ggGgcagcugggagccgcucacccu.....		1	1
.....	ggugcagcugggagcAgcucacccu.....		1	1
.....	ggugcagcugggagccgcucacccuc.....		1	0
.....	ggugcagcugggagccgcucacccuU.....		9	1
.....	ggugcagcugggagccgcucacccuUu.....		3	1
.....	gugcagcugggagccgcuc.....		1	0
.....	gugcagcugggagccgcucac.....		1	0
.....	gugcagcugggagccgcucacU.....		4	1
.....	gugcagcugggagccgcucacc.....		6	0
.....	gugcagcugggagccgcucaccU.....		2	1
.....	gugcagcugggagccgcucaccc.....		9	0
.....	gugcagcugggagccgcucacccA.....		3	1
.....	gugcagcugggagccgcucacccu.....		94	0
.....	gugcagcugggagccgcucacccG.....		1	1
.....	gugcagcugggagccgcucacccuA.....		1	1
.....	gugcagcugggagccgcucacccuU.....		8	1
.....	gugcagcugggagccgcucacccuUu.....		5	1
.....	ugcagcugggagccgcucacc.....		1	0
.....	ugcagcugggagccgcucacccu.....		7	0
.....	ugcagcugggagccgcucacccuUu.....		1	1
.....	gcagcugggagccgcucacccu.....		2	0
.....	acgugggagccgcucaccc.....		1	0