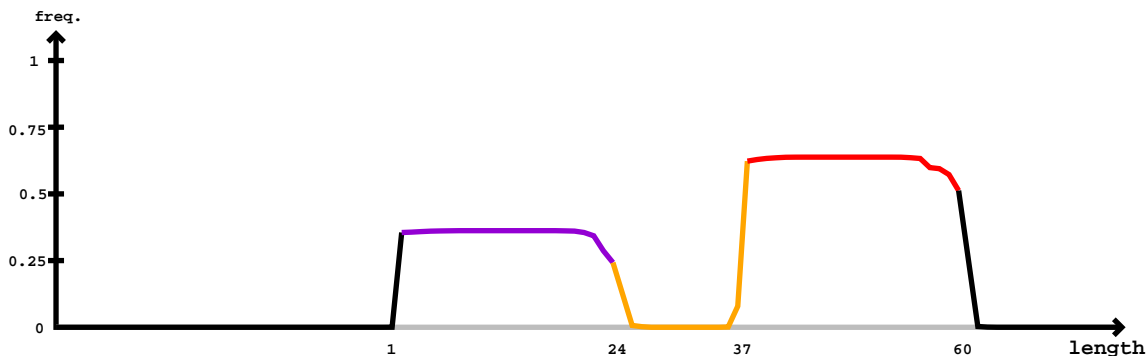
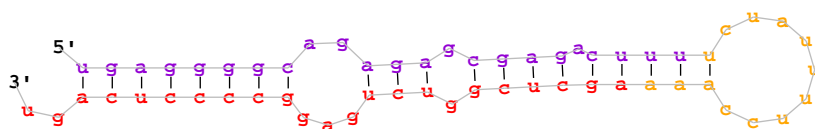


Provisional ID : ESP_181_27597
 Score total : 615197.9
 Score for star read(s) : 3.9
 Score for read counts : 615190.3
 Score for mfe : 2.1
 Score for randfold : 1.6
 Score for cons. seed :
 Total read count : 1206681
 Mature read count : 769682
 Loop read count : 0
 Star read count : 436999



Star

Mature

5' -	-3'	obs	mm	sample
ggagaaacuugugaggaaaauaaggaaguuaggc	Ucuauuuuuccaaaagcucggucugaggcccccagucucuuuccuaccccg	reads		
ggagaaacuugugaggaaaauaaggaaguuaggc	Ucuauuuuuccaaaagcucggucugaggcccccagucucuuuccuaccccg	exp		
.....(((((((.....)))))).....				
.gagaaacuugugaggaaaauaaggaaguuaggc.....		1	0	seq
.agaaacuugugaggaaaauaaggaaguuaggc.....		1	0	seq
.....acuugugaggaaaauaaggaaguuaggc.....		2	0	seq
.....cuugugaggaaaauaaggaaguuaggc.....		1	1	seq
.....gugaggaaaauaaggaaguuaggc.....		1	0	seq
.....ggaaaauaaggaaguuaggc.....		1	1	seq
.....gaaaauaaggaaguuaggc.....		4	0	seq
.....aaaauaaggaaguuaggc.....		4	0	seq
.....aaaauaaggaaguuaggc.....		1	1	seq
.....aaauaaggaaguuaggc.....		1	0	seq
.....aaaggaaguuaggcugaggggAa.....		1	1	seq
.....aaggaaguuaggcugagggg.....		1	0	seq
.....Ucugaggggcagagagc.....		1	1	seq
.....Ucugaggggcagagagcagacu.....		5	1	seq
.....gGugaggggcagagagcagacu.....		1	1	seq
.....Ucugaggggcagagagcagacu.....		4	1	seq
.....Ucugaggggcagagagcagacuuu.....		7	1	seq
.....Ucugaggggcagagagcagacuuu.....		1	1	seq
.....cugaggggcagagagcga.....		2	0	seq
.....cugaggggcagagagcagaga.....		2	0	seq
.....cugaggggcagagagcagagaA.....		1	1	seq
.....cugaggggcagagagcagagac.....		5	0	seq
.....cugaggggcagagagcagagacu.....		2	1	seq
.....cugaggggcagagagcagagacu.....		1	1	seq
.....cugaggggcagagagcagagacuA.....		3	1	seq
.....cugaggggcagagagcagagacu.....		28	0	seq
.....cugaggggcagagagcagagacu.....		13	0	seq
.....Gugaggggcagagagcagagacu.....		1	1	seq
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.....cugaggggcagagagcagagacuuA.....		4	1	seq
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Star

Mature

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.....cugaggggagagAagcagagacuuuu.....	1	1	seq
.....cugaggggagagagcagagacuuuu.....	27	0	seq
.....cugaggggagagagcagagacuuuuU.....	4	1	seq
.....ugGggggagagagcga.....	1	1	seq
.....ugaggggagagGgagcga.....	3	1	seq
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.....ugaggggagagCgagcga.....	67	1	seq
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.....ugaggggagagagcag.....	822	0	seq
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.....ugaggggagagagGgagcag.....	4	1	seq
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.....ugaggggagagagcagag.....	1	1	seq
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Star

Mature

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Star

Mature

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.....ugaCgggcCagagagcgagacuu.....	1	1	seq
.....ugaggggcCaAagagcgagacuu.....	9	1	seq
.....ugaggggcCagaUagcgagacuu.....	1	1	seq
.....ugagCggcCagagagcgagacuu.....	1	1	seq
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.....ugaggggcCagagagcgGgacuu.....	13	1	seq
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.....ugaggggcUgagagcgagacuu.....	2	1	seq
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.....ugaggggcCagagagUgagacuu.....	11	1	seq
.....ugagggAcaCagagagcgagacuu.....	5	1	seq
.....ugaggggcCagagagcgaCacu.....	43	1	seq
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Star

Mature

Sequence	Count	Category	Type
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.....ugUggggcagagagcgagacuu.....	2	1	seq
.....ugagUggcagagagcgagacuu.....	6	1	seq
.....ugaggggUagagagcgagacuu.....	4	1	seq
.....ugagggcCagagagcgagacuu.....	2	1	seq
.....ugaggggcagagagcgagUcuuu.....	2	1	seq
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.....ugaggggcagagagcgagacGuu.....	14	1	seq
.....ugaggggGagagagcgagacuuu.....	33	1	seq
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.....ugaggggcagagagcgaAacuuu.....	193	1	seq
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.....Agaggggcagagagcgagacuuu.....	9	1	seq
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.....ugaggggcagUgagcgagacuuu.....	10	1	seq
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.....uAaggggcagagagcgagacuuu.....	9	1	seq

Star

Mature

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.....ugaggggagagagcgUgacuuu.....	12	1	seq
.....ugaggggagagagcgagacuuu.....	187053	0	seq
.....ugagAggagagagcgagacuuu.....	14	1	seq
.....ugaggggagagagcgagacuCu.....	10	1	seq
.....ugaggggagagagcAagacuuu.....	81	1	seq
.....ugaggggagagagcgagacuuuA.....	3670	1	seq
.....ugagCggagagagcgagacuuu.....	1	1	seq
.....ugaggggCgagagcgagacuuu.....	2	1	seq
.....ugaggggagagacCgagacuuu.....	5	1	seq
.....ugaggggagUgagcgagacuuu.....	2	1	seq
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Star

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Star

Mature

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.aaagcucggucugagggcccccucagu	43	0	seq
.Caagcucggucugagggcccccucagu	3	1	seq
.aaaAcucggucugagggcccccucagu	1	1	seq
.aaagcucggucugagggcccccA	9	1	seq
.aaagcucggucugagggcccccU	10	1	seq
.aaagcucggucugagggccUcua	1	1	seq
.aaagcucggucugagggcccccUa	1	1	seq
.aaagcucggucugagggcccccucC	2	1	seq
.aaagcucggucugaAgcccccua	1	1	seq
.aaagcucggucugCggcccccua	4	1	seq
.aaagcucggucugagggcccccua	212	0	seq
.aaagcucggucugagggcccccU	76	1	seq
.aaagcucggucugagggcccccAa	5	1	seq
.aaagcucggucugagggcGccua	2	1	seq
.aaagcucggucugagggcccccucG	8	1	seq
.Caagcucggucugagggcccccua	2	1	seq
.aaagcucggucugagggcccccGua	6	1	seq
.aaagcucggucCgagggcccccua	1	1	seq
.Caagcucggucugagggcccccucag	2	1	seq
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.aaagcucggucugagggcccccucagu	15	0	seq
.aaagcucggucugagggcccccucagA	7	1	seq
.aaagcucggucugagggcccccuaUu	8	1	seq

Star

Mature

ggagaaaauugugaggaaaauaaaggaaguuaggcugaggggcagagagcgagacuuuucuauuuuccaaaagcucggucugaggccccucagucuuugcuuccuaccccg			
.....aaagcucggucugaggccccucaAu.....	18	1	seq
.....Caagcucggucugaggccccucagu.....	46	1	seq
.....aaagcucggucugaggccccucaUuc.....	1	1	seq
.....aaagcucggucugaggccccucaguU.....	1	1	seq
.....aagcucggucugCggcc.....	17	1	seq
.....Cagcucggucugaggcc.....	2	1	seq
.....aagcucggucugaggcc.....	275	0	seq
.....aagcucggGcugaggcc.....	1	1	seq
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.....aagcucggUugaggccc.....	1	1	seq
.....aagcucggucugCggccc.....	8	1	seq
.....aagcucggucugaggccU.....	25	1	seq
.....aagcucggucugaggccc.....	290	0	seq
.....aagcucggucugaggccA.....	24	1	seq
.....aagcucggucugaggcccG.....	3	1	seq
.....aagcucggucugaCgcccc.....	1	1	seq
.....aagcucggucugaggcccc.....	975	0	seq
.....Cagcucggucugaggccc.....	7	1	seq
.....aagcucggCcugaggcccc.....	1	1	seq
.....aagcucggucugaggcccA.....	3	1	seq
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.....aagcucggucugCggcccc.....	60	1	seq
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.....aagcCcgucugaggccccu.....	5	1	seq
.....aagcucggucugaggcUccu.....	1	1	seq
.....aagcucggucugaUgccccu.....	1	1	seq
.....aagAucggucugaggccccu.....	1	1	seq
.....aagcucggucugaggccUcu.....	1	1	seq
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.....aagcucggucugaggcccGu.....	1	1	seq
.....aagcucggucugaggccccG.....	158	1	seq
.....aagcucggucUaggccccu.....	1	1	seq
.....aagGucggucugaggccccu.....	6	1	seq
.....Cagcucggucugaggccccu.....	31	1	seq
.....aagcucggucUaggccccu.....	1	1	seq
.....aagcucggucugaggcccAcu.....	7	1	seq
.....aagcucggucugaggcccUu.....	3	1	seq
.....aagcucgAucugaggccccu.....	1	1	seq
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.....aagcucggCcugaggccccu.....	3	1	seq
.....aagcucggucugUggccccu.....	4	1	seq
.....aagcucggucugaggUcccu.....	3	1	seq
.....aGgcucggucugaggccccu.....	2	1	seq
.....aagcucggucugaggccccA.....	23	1	seq
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.....aagcucggucugCggccccu.....	719	1	seq
.....aagcucggucugaggCccccu.....	1	1	seq
.....aagcucggucugaggAcccu.....	12	1	seq
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.....aagcucgUucugaggccccu.....	1	1	seq
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.....aagUucggucugaggccccu.....	1	1	seq
.....aagcucggAcugaggccccu.....	1	1	seq
.....aagcucggucugaCgccccu.....	1	1	seq
.....aagcucggucugaggcccAu.....	3	1	seq
.....aaUcucggucugaggccccu.....	2	1	seq
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.....aagcucggucugaggccccu.....	11553	0	seq
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.....aagcuAggucugaggccccu.....	2	1	seq
.....aaAcucggucugaggccccu.....	2	1	seq
.....aagcucggUugaggccccu.....	1	1	seq
.....aagcucggucugaggccccuU.....	169	1	seq
.....aagcucggucugaggccccuA.....	75	1	seq
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Star

Mature

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.....aagcucggucugaggccccuc.....	971	0	seq
.....aagcucggucugaggAcccuc.....	2	1	seq
.....aagcucggucugaggccccuc.....	1	1	seq
.....Cagcucggucugaggccccuc.....	4	1	seq
.....aagcucggucugaggccccuG.....	26	1	seq
.....aagcucggucugaggccccAc.....	1	1	seq
.....aagcucggucugGggccccuc.....	2	1	seq
.....aagcucggucugCggccccuc.....	60	1	seq
.....aagcucggucugaggGcccuc.....	2	1	seq
.....aagcucggucugaggccUcua.....	5	1	seq
.....aagcucggucugaggccAcua.....	10	1	seq
.....aagcucggucugaggccccuU.....	1226	1	seq
.....aagAcggucugaggccccuca.....	1	1	seq
.....aagcucggucugGggccccuca.....	2	1	seq
.....aagcucggucugagUccccuca.....	1	1	seq
.....aagcucggucugaggccccuG.....	44	1	seq
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.....aagcucggucucAgaggccccucag.....	2	1	seq
.....aagcucggucugaggccccucag.....	4210	0	seq
.....aagcucggucugaggAcccucag.....	9	1	seq
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.....aagcucggucugaggccAcucag.....	11	1	seq
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.....aagcucggucugaUgccccucag.....	1	1	seq
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.....aagcucggucugaggccccucaA.....	338	1	seq
.....aagcucggucugaggccccucaU.....	192	1	seq
.....aGgcucggucugaggccccucag.....	1	1	seq
.....aagcucggucucCaggccccucag.....	1	1	seq
.....aagcucggucugaggccccucUg.....	1	1	seq
.....aagcucggucucGaggccccucag.....	2	1	seq
.....aagcucggucugCggccccucag.....	257	1	seq
.....Cagcucggucugaggccccucag.....	48	1	seq
.....aagcucggucugagUccccucag.....	1	1	seq
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Star

Mature

ggagaaa <u>cuugag</u> gagaa <u>aaagg</u> aguu <u>aggcugagggg</u> cagagagagacuuu <u>ucuauuu</u> uccaaa <u>aagcucggucugaggg</u> ccccucaguc <u>uugcuuccu</u> acccg			
.....Uagcucggucugagggccccucagu.....	1	1	seq
.....aagcucggucugagggccccucCgu.....	1	1	seq
.....aagcucggucCgagggccccucagu.....	9	1	seq
.....Cagcucggucugagggccccucagu.....	505	1	seq
.....aagcucggucugagggcccGucagu.....	1	1	seq
.....aagcucggucugagAccccucagu.....	1	1	seq
.....aaUcucggucugagggccccucagu.....	9	1	seq
.....aGgcucggucugagggccccucagu.....	8	1	seq
.....aagcucggucGugagggccccucagu.....	4	1	seq
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.....aagcucggucugagggUccucagu.....	8	1	seq
.....aagcucggucugagggccccucaCu.....	31	1	seq
.....aagcucgAucugagggccccucagu.....	7	1	seq
.....aagcucggucugagggUccucagu.....	12	1	seq
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.....aagcucggucugagggccccCcagu.....	7	1	seq
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.....aagcucggucugagggccccucagA.....	6516	1	seq
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.....aagcAcggucugagggccccucagu.....	3	1	seq
.....aagcucggucugagggccUcucagu.....	23	1	seq
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.....aagcucggucugaUgccccucagu.....	7	1	seq
.....aagcCggucugagggccccucagu.....	4	1	seq
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.....aaCcucggucugagggccccucagu.....	2	1	seq
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.....aagcucUgucugagggccccucagu.....	2	1	seq
.....aagcucggucugaCgccccucagu.....	2	1	seq
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.....aagcuUggucugagggccccucagu.....	5	1	seq
.....aagcucggucNagggccccucagu.....	4	1	seq
.....aaAcucggucugagggccccucagu.....	7	1	seq
.....aagcucggucugUggccccucagu.....	5	1	seq
.....Gagcucggucugagggccccucagu.....	6	1	seq
.....aagcucggucAagggccccucagu.....	6	1	seq
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Star

Mature

ggagaaaauugugaggaaaauaaaggaaguuaggcugaggggcagagagcgagacuuuucuauuuuccaaaagcucggucugaggccccucagucuuugcuuccuaccccg

.....aagcucggucugaggccccucaAuc.....	1	1	seq
.....Cagcucggucugaggccccucaguc.....	2	1	seq
.....aagcucggucugCggccccucaguc.....	2	1	seq
.....aagcucggucugaggccccucaguU.....	4297	1	seq
.....aagcucggucugaggccccucaguG.....	66	1	seq
.....aagcucggucugCggccccucagucU.....	1	1	seq
.....aagcucggucugaggcccGcucagucU.....	1	1	seq
.....aagcucggucugaggcccAcucagucU.....	1	1	seq
.....aagcucggucugaggccccucagucU.....	23	0	seq
.....aagcucggucugaggccccucaguAu.....	123	1	seq
.....aagcucggucugaggccccucaguGu.....	7	1	seq
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.....aagcucggucugaggccccucaguUuu.....	20	1	seq
.....aagcucggucugaggccccucaguUuug.....	1	1	seq
.....agcuUggucugaggccc.....	2	1	seq
.....agcucggucugaggcccG.....	6	1	seq
.....agcucggucugaggcccA.....	148	1	seq
.....agcucggucugUggccc.....	1	1	seq
.....agcucggucugaggAcc.....	1	1	seq
.....agcucggucugaggCccc.....	1	1	seq
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.....agcucggucugaggcccU.....	36	1	seq
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.....agcucggucugaggcAc.....	1	1	seq
.....agcucggucAgaggccc.....	1	1	seq
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.....agcucggucugaggcUcc.....	1	1	seq
.....agcuGggucugaggcccc.....	2	1	seq
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.....agcucggucugaggcccG.....	21	1	seq
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.....Ggcucggucugaggcccc.....	1	1	seq
.....agcucggucugaggCcccc.....	1	1	seq
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.....agcAcggucugaggcccc.....	2	1	seq
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.....agcucggucugaggccccu.....	24932	0	seq
.....agcucggucugaAgccccu.....	2	1	seq
.....agcuUggucugaggccccu.....	2	1	seq
.....agcucggucugaggcccUcu.....	2	1	seq
.....agcucggucugaggccccG.....	314	1	seq
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.....agcucggucugaggcGccu.....	7	1	seq
.....agcucggUugaggccccu.....	2	1	seq
.....agcucggucugaggccccC.....	16	1	seq
.....agcucggucCaggccccu.....	2	1	seq
.....agcucggucugaggcccGu.....	39	1	seq
.....agcucggucugagAccccu.....	2	1	seq
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.....agcAcggucugaggccccu.....	2	1	seq
.....agcGcggucugaggccccu.....	13	1	seq
.....agcucggucGgaggccccu.....	1	1	seq
.....agcucggucugaggCccccu.....	5	1	seq

Star

Mature

ggagaaaauugugagggaaaauaaaggaaguuaggcugaggggcagagagcgagacuuuucuauuuuccaaaagcucggucugaggccccucagucuuugcuuccuaccccg			
.....agcucggucugUggccccc.....	7	1	seq
.....agcucggucugCggccccc.....	1944	1	seq
.....agcucggucugaUgcccc.....	2	1	seq
.....agcucggucugaggUccu.....	3	1	seq
.....agcucAgucugaggccccc.....	2	1	seq
.....agcucggucCgaggccccc.....	2	1	seq
.....agcucggGcugaggccccc.....	12	1	seq
.....agcucggCcugaggccccc.....	9	1	seq
.....agcCggucugaggccccc.....	3	1	seq
.....agcucgAucugaggccccc.....	2	1	seq
.....agcucggucugGggccccc.....	16	1	seq
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.....agcucggucugaggcAccu.....	4	1	seq
.....agcucggucuaAaggccccc.....	1	1	seq
.....agcucggAcugaggccccc.....	2	1	seq
.....Ugcucggucugaggccccc.....	1	1	seq
.....agcucggucugaggcccUu.....	4	1	seq
.....agcucggucugaggcccAu.....	33	1	seq
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.....agcucggucugaggAcccu.....	13	1	seq
.....agcucggucugagNccccc.....	1	1	seq
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.....agcucggGcugaggcccccuc.....	2	1	seq
.....agcucggucugaggcccccG.....	83	1	seq
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.....agcucggucugaggcccccua.....	24	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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Star

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Star

Mature

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.....ucggucugaggccGcucagu.....	1	1	seq
.....ucggucugaggUccucagu.....	3	1	seq
.....ucggCcugaggccccucagu.....	3	1	seq
.....ucggucugaggccccucaguG.....	4	1	seq
.....ucggucugaggccccucaguA.....	140	1	seq
.....ucggucugaggccccucaguU.....	144	1	seq
.....ucggucugaggccccucaguUu.....	8	1	seq
.....ucggucugaggccccucagucu.....	1	0	seq
.....ucggucugaggccccucaguAu.....	5	1	seq
.....ucggucugaggccccucaguAuu.....	1	1	seq
.....cggucugaggccccuca.....	84	0	seq
.....cggucugaggcAccuca.....	1	1	seq
.....cggucugaggccccuGa.....	1	1	seq
.....cggucugCggccccuca.....	8	1	seq
.....cggucugaggccccucG.....	1	1	seq
.....cggucugaggccccucC.....	1	1	seq
.....cggucugaggccccucU.....	6	1	seq
.....cggucugaggccAccuca.....	1	1	seq
.....cggucugaggccccuAa.....	1	1	seq
.....cggucugGggccccucag.....	1	1	seq
.....cggucugaggccccucag.....	263	0	seq
.....cggucugaggcGccucag.....	1	1	seq
.....cggucugaggccccucaU.....	2	1	seq
.....cggucugaggccccucaA.....	10	1	seq
.....cggucugCggccccucag.....	10	1	seq
.....cggucugaggccccucagG.....	5	1	seq
.....cggucugaggccccucaUu.....	1	1	seq
.....cggucAgaggccccucagu.....	1	1	seq
.....cggucugGggccccucagu.....	6	1	seq
.....cggucugaggccccucaAu.....	4	1	seq
.....cggucugaggccAccucagu.....	1	1	seq
.....cggucugaggccccucagA.....	48	1	seq
.....cggucugaggUccucagu.....	2	1	seq
.....cggucugaggcGccucagu.....	4	1	seq
.....cggucugaggccccucagu.....	1455	0	seq
.....cggucugCggccccucagu.....	80	1	seq
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.....cggucugagUcccccucagu.....	1	1	seq
.....cggucugaggGccccucagu.....	1	1	seq
.....cggucugaggccGucagu.....	1	1	seq
.....cggucugaUgccccucagu.....	1	1	seq
.....cggucugaggAccucucagu.....	3	1	seq
.....cggucugaggcAccucucagu.....	1	1	seq
.....cggucugaggccccucaguA.....	113	1	seq
.....cggucugaggccccucaguG.....	1	1	seq
.....cggucugaggccccucaguU.....	110	1	seq
.....cggucugaggccccucaguUu.....	3	1	seq
.....cggucugaggccccucaguAu.....	3	1	seq
.....ggucugaggccccucCg.....	1	1	seq
.....ggucugCggccccucag.....	1	1	seq
.....ggucugaggccccucGag.....	1	1	seq

Star

Mature

ggagaaa <u>cu</u> gugagga <u>aa</u> aaagga <u>gu</u> agg <u>cu</u> gagggg <u>cg</u> agag <u>cg</u> agacuu <u>u</u> cu <u>auuu</u> uc <u>caaa</u> ag <u>cu</u> gg <u>cu</u> gag <u>gcc</u> cc <u>cu</u> cag <u>cu</u> u <u>g</u> cu <u>ucc</u> ua <u>cccc</u> g			
.....ggucugaggccccucag.....	71	0	seq
.....ggucugaggccccucaU.....	1	1	seq
.....ggucugUggccccucag.....	1	1	seq
.....ggucugaggccccucaA.....	1	1	seq
.....ggucugaggcAcucucagu.....	1	1	seq
.....ggucugaggccccucagA.....	12	1	seq
.....ggucuuaggccccucagu.....	1	1	seq
.....ggucugaggccccucaAu.....	3	1	seq
.....ggGcugaggccccucagu.....	1	1	seq
.....ggucuuAaggccccucagu.....	1	1	seq
.....ggucugaggccccucCgu.....	8	1	seq
.....ggucugaggAcucucagC.....	2	1	seq
.....ggucugaggccccucagC.....	1	1	seq
.....ggucugCggccccucagu.....	14	1	seq
.....ggucugaggccccucagu.....	310	0	seq
.....ggucugaggccccucaguU.....	30	1	seq
.....ggucugaggccccucaguA.....	33	1	seq
.....ggucugaggccccucaguUu.....	2	1	seq
.....ggucugaggccccucaguAuu.....	1	1	seq
.....gucugaggccccGcagu.....	1	1	seq
.....gucugaggccccucagu.....	143	0	seq
.....gucugaggcAcucucagu.....	1	1	seq
.....gucugagAccccucagu.....	1	1	seq
.....gucugGggccccucagu.....	1	1	seq
.....gucugaggccccucagG.....	1	1	seq
.....gucugaggccccucagA.....	5	1	seq
.....gucugaggccccucaguc.....	1	0	seq
.....gucugaggccccucaguU.....	13	1	seq
.....gucugaggccccucaguA.....	6	1	seq
.....ucugaggccccucaguU.....	8	1	seq
.....ucugaggccccucaguA.....	8	1	seq