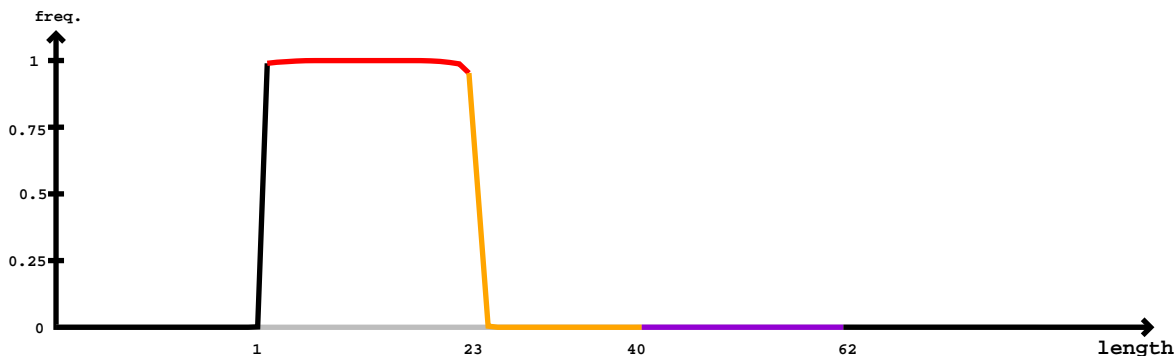
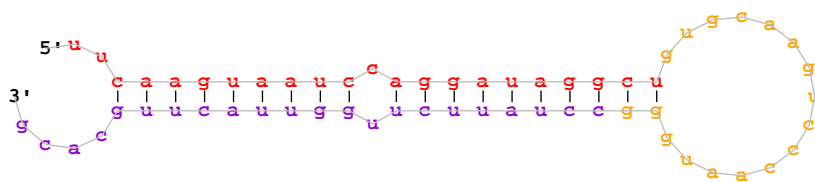


Provisional ID : ESP_12_4017
 Score total : 260314
 Score for star read(s) : 3.9
 Score for read counts : 260306.1
 Score for mfe : 2.4
 Score for randfold : 1.6
 Score for cons. seed :
 Total read count : 510591
 Mature read count : 510475
 Loop read count : 0
 Star read count : 116



Mature **Star**

5'	obs	reads	mm	sample
uggcgaaggccguggccucg <u>uucaaguaauccaggauaggcugugcaagucccauuggg</u> ccuauucugguuacuugcacgggacgcgggccuggacgccggcauccgggc	-3'			
uggcgaaggccguggccucg <u>uucaaguaauccaggauaggcugugcaagucccauuggg</u> ccuauucugguuacuugcacgggacgcgggccuggacgccggcauccgggc	exp			
(((((.....)))))).....				
.....cuGguucaaguaauccaggauaggcu.....		1	1	seq
.....uGguucaaguaauccaggauaggcu.....		1	1	seq
.....Cuucaaguaauccaggau.....		36	1	seq
.....Cuucaaguaauccaggau.....		1	1	seq
.....Cuucaaguaauccaggau.....		40	1	seq
.....Cuucaaguaauccaggauag.....		1	1	seq
.....Cuucaaguaauccaggauagg.....		28	1	seq
.....Cuucaaguaauccaggauaggc.....		28	1	seq
.....Cuucaaguaauccaggauaggcu.....		593	1	seq
.....uucaaguaauccaggau.....		1	1	seq
.....Gucaaguaauccaggau.....		2	1	seq
.....uucGaguaauccaggau.....		1	1	seq
.....uucaaguaauccaUgau.....		1	1	seq
.....uucaaguaauccaggau.....		506	0	seq
.....uucaaguaauccaggau.....		41	1	seq
.....uucaaguaCuccaggau.....		1	1	seq
.....Gucaaguaauccaggau.....		2	1	seq
.....uucaaguaauccaggGua.....		1	1	seq
.....uucaaguaaaAccaggau.....		1	1	seq
.....uucaaguaauccaggau.....		3	1	seq
.....uucGaguaauccaggau.....		1	1	seq
.....uucaaguaauccaggau.....		862	0	seq
.....uucaaguaauccaggauU.....		2	1	seq
.....uucaaguaauccaggauAaggau.....		3	1	seq
.....uucaaguaauccaggauC.....		2	1	seq
.....uucaagCaauccaggau.....		1	1	seq
.....uucaaguaauccaggauG.....		1	1	seq
.....uucaGguaauccaggau.....		1	1	seq
.....uucaagGaauccaggau.....		1	1	seq
.....uucaaguaauccaggau.....		45	1	seq
.....uucaaguaaaCccaggau.....		1	1	seq
.....uucaagGaauccaggauag.....		2	1	seq
.....uucaaguaauccaggauag.....		2	1	seq

Mature

Star

Sequence	Count	Count	Category
uggcgaaggccgugggccucg <u>uucaaguaauccaggauaggcugugcaaguccaauggg</u> ccuauuc <u>uugguuacuugcaggggacgcgggccuggacgccggcauccgggc</u>			
.....uucaaCuaa <u>uccaggauag</u>	1	1	seq
.....uucaaguaa <u>uccCggauag</u>	33	1	seq
.....uucaaguaa <u>uccagCauag</u>	1	1	seq
.....uucaagCaa <u>uccaggauag</u>	1	1	seq
.....uucaaguaa <u>uccaggauGg</u>	1	1	seq
.....uucaaguaa <u>uccGggauag</u>	3	1	seq
.....uucaaguaa <u>uccGaggauag</u>	1	1	seq
.....uucaaguaa <u>uccaggauag</u>	1932	0	seq
.....uucaaguaa <u>uccAaggauag</u>	1	1	seq
.....uuGaaguaa <u>uccaggauag</u>	1	1	seq
.....Gucaaguaa <u>uccaggauag</u>	1	1	seq
.....uucaagGaa <u>uccaggauagg</u>	2	1	seq
.....uucaNguaa <u>uccaggauagg</u>	1	1	seq
.....uucaagAaa <u>uccaggauagg</u>	3	1	seq
.....uucaaguCau <u>ccaggauagg</u>	1	1	seq
.....uucaaguaa <u>uccaggCuagg</u>	63	1	seq
.....uucaagCaa <u>uccaggauagg</u>	1	1	seq
.....uuUaaguaa <u>uccaggauagg</u>	1	1	seq
.....uucaaguaa <u>uccaggauagg</u>	1	1	seq
.....uucaaguaa <u>uccGggauagg</u>	1	1	seq
.....uucaaguaa <u>uccaggauagA</u>	5	1	seq
.....uucaaguaa <u>uccaggGuagg</u>	5	1	seq
.....uucaaAuaa <u>uccaggauagg</u>	1	1	seq
.....uucaaguaa <u>uccaggauagg</u>	1	1	seq
.....uucaaguaa <u>uccaggauagg</u>	1	1	seq
.....uucaaguaa <u>uccaggauagg</u>	1	1	seq
.....uucaaguaa <u>uccaggauagg</u>	2454	0	seq
.....uucaaUaa <u>uccaggauagg</u>	1	1	seq
.....uucaaguaa <u>uccaggauagU</u>	9	1	seq
.....uucaaguaa <u>uccCggauagg</u>	58	1	seq
.....uucaaguaa <u>uccUggauagg</u>	1	1	seq
.....Gucaaguaa <u>uccaggauagg</u>	4	1	seq
.....uucaaguGau <u>ccaggauaggc</u>	6	1	seq
.....uucaaguaa <u>uccaggauaggc</u>	3	1	seq
.....uuUaaguaa <u>uccaggauaggc</u>	1	1	seq
.....uucaaguaa <u>uccaggaGaggc</u>	1	1	seq
.....uucaaguaa <u>uccaggauaggU</u>	33	1	seq
.....uucaaguaa <u>uccaggauaggc</u>	1	1	seq
.....uucaaguaa <u>uccaggauaAgc</u>	1	1	seq
.....uucaGguaa <u>uccaggauaggc</u>	2	1	seq
.....uucaaguaa <u>uccaggauCggc</u>	2	1	seq
.....uucaaguaa <u>uccaggauagAc</u>	3	1	seq
.....uucaaguaa <u>uccaggauaggc</u>	2	1	seq
.....Gucaaguaa <u>uccaggauaggc</u>	6	1	seq
.....uucaaguaa <u>uccaggUuaggc</u>	3	1	seq
.....uucaaguaa <u>uccaggGuaggc</u>	15	1	seq
.....uucaaguaa <u>uccaggaCaggc</u>	1	1	seq
.....uucaaguUa <u>uccaggauaggc</u>	1	1	seq
.....uucaaguaa <u>uccaggauaggc</u>	3	1	seq
.....uCaaguaa <u>uccaggauaggc</u>	1	1	seq
.....uucGaguaa <u>uccaggauaggc</u>	5	1	seq
.....uucaaguaa <u>uccaggauaggA</u>	4	1	seq
.....uucaagAaa <u>uccaggauaggc</u>	3	1	seq
.....uucaaguaa <u>uccaggauaggc</u>	1	1	seq
.....Cucaaguaa <u>uccaggauaggc</u>	2	1	seq
.....uucaaguaa <u>uccaggauaggc</u>	1	1	seq
.....uucaaguaa <u>uccaggauGggc</u>	4	1	seq
.....uucaaguaa <u>uccaggCuaggc</u>	359	1	seq
.....uucaCguaa <u>uccaggauaggc</u>	1	1	seq
.....uucaaguaa <u>uccaggauaggc</u>	16434	0	seq
.....uAcaaguaa <u>uccaggauaggc</u>	1	1	seq
.....uucaaguaa <u>uccCggauaggc</u>	407	1	seq
.....uucaagGaa <u>uccaggauaggc</u>	4	1	seq
.....uucaUguaa <u>uccaggauaggc</u>	1	1	seq
.....uucaaguaa <u>uccUggauaggc</u>	3	1	seq
.....uuAaaguaa <u>uccaggauaggcu</u>	4	1	seq
.....uucaaguaa <u>uccaggauGggcu</u>	545	1	seq
.....uucaaguaa <u>uccaggauaggAu</u>	7	1	seq
.....uucaaguaa <u>uccaggauaggcu</u>	3	1	seq
.....uucaaguaa <u>uccaggauaggcA</u>	305	1	seq
.....uucaaguaa <u>uccaggauaggcu</u>	9	1	seq

Mature

Star

Sequence	Count	Category	Type
uggcgaagcgcgggcccug <u>uucaaguaa</u> uccaggauaggcu <u>gugcaagucc</u> caaugggccua <u>uu</u> cuugguu <u>uac</u> uugcagcgggacgcgggcccuggacgcggcauccgggc			
.....uucaGuaa <u>uccaggau</u> aggcu.....	38	1	seq
.....uucaagua <u>auccGggau</u> aggcu.....	72	1	seq
.....uucaagua <u>auccaUg</u> auaggcu.....	10	1	seq
.....uucaagua <u>auccaggCu</u> aggcu.....	9925	1	seq
.....uucaa <u>lu</u> aa <u>uccaggau</u> aggcu.....	5	1	seq
.....uucaagua <u>auccaggG</u> uaggcu.....	304	1	seq
.....uucaagua <u>auccaggNa</u> ggcu.....	5	1	seq
.....Cucaagua <u>auccaggau</u> aggcu.....	31	1	seq
.....uucaagua <u>auccUgg</u> auaggcu.....	15	1	seq
.....uucaagua <u>auccaggau</u> aggUu.....	13	1	seq
.....uucaagua <u>auccaggau</u> Cggcu.....	141	1	seq
.....uucaagua <u>auccaggA</u> aggcu.....	35	1	seq
.....uucaagua <u>auccaggau</u> gUcu.....	1	1	seq
.....uucaagua <u>auuAc</u> aggauaggcu.....	19	1	seq
.....uucaagua <u>Uucc</u> aggauaggcu.....	5	1	seq
.....uucaa <u>U</u> aa <u>uccaggau</u> aggcu.....	4	1	seq
.....uucaagua <u>aaAcc</u> aggauaggcu.....	62	1	seq
.....uucaagua <u>auccUag</u> gauaggcu.....	26	1	seq
.....uucaag <u>U</u> au <u>ccaggau</u> aggcu.....	5	1	seq
.....uucaagua <u>Gucc</u> aggauaggcu.....	13	1	seq
.....uucaagua <u>auccaNg</u> auaggcu.....	1	1	seq
.....uucaag <u>A</u> aa <u>uccaggau</u> aggcu.....	28	1	seq
.....uucaagua <u>auccaggau</u> Agcu.....	9	1	seq
.....uucaagua <u>auccaggau</u> aggG <u>u</u>	13	1	seq
.....uucaagua <u>aaCcc</u> aggauaggcu.....	37	1	seq
.....uucCagua <u>auccaggau</u> aggcu.....	4	1	seq
.....uCcaagua <u>auccaggau</u> aggcu.....	22	1	seq
.....uucaagua <u>auccaggau</u> aggcu.....	8	1	seq
.....uucaagua <u>auccagU</u> auaggcu.....	10	1	seq
.....uucaagua <u>auccaggau</u> AUgcu.....	7	1	seq
.....uucaag <u>U</u> au <u>ccaggau</u> aggcu.....	4	1	seq
.....uucaagua <u>Cucc</u> aggauaggcu.....	2	1	seq
.....uucaagua <u>auUc</u> aggauaggcu.....	22	1	seq
.....uucUagua <u>auccaggau</u> aggcu.....	14	1	seq
.....uucaagua <u>auccaggU</u> auaggcu.....	105	1	seq
.....uucaagua <u>auccaggau</u> aggcu.....	438292	0	seq
.....uuca <u>Ng</u> ua <u>uccaggau</u> aggcu.....	7	1	seq
.....uucaagua <u>auccaggau</u> AUgcu.....	1	1	seq
.....uucaagua <u>auccaggA</u> auaggcu.....	7	1	seq
.....uucaagua <u>auccaggau</u> gCcu.....	1	1	seq
.....uucaCgua <u>auccaggau</u> aggcu.....	4	1	seq
.....uucaagua <u>auccaggau</u> aggcu.....	43	1	seq
.....uucaagCaa <u>uccaggau</u> aggcu.....	32	1	seq
.....uGcaagua <u>auccaggau</u> aggcu.....	2	1	seq
.....uuGaagua <u>auccaggau</u> aggcu.....	10	1	seq
.....uAcaagua <u>auccaggau</u> aggcu.....	12	1	seq
.....uucaagGaa <u>uccaggau</u> aggcu.....	33	1	seq
.....Gucaagua <u>auccaggau</u> aggcu.....	116	1	seq
.....uucaagua <u>auccagC</u> auaggcu.....	5	1	seq
.....uucaUgua <u>auccaggau</u> aggcu.....	15	1	seq
.....uucaag <u>U</u> au <u>ccaggau</u> aggcu.....	56	1	seq
.....Aucaagua <u>auccaggau</u> aggcu.....	13	1	seq
.....uuUaagua <u>auccaggau</u> aggcu.....	16	1	seq
.....uucaagua <u>auccaggau</u> aggcC.....	47	1	seq
.....uucGagua <u>auccaggau</u> aggcu.....	91	1	seq
.....uucaagua <u>auccaAg</u> auaggcu.....	11	1	seq
.....uucaagua <u>auccaggA</u> ggcu.....	32	1	seq
.....uucaagua <u>auccaggau</u> aggcu.....	10351	1	seq
.....uucaagua <u>auccaggau</u> aggcG.....	1156	1	seq
.....uucaagua <u>auccaggA</u> ggcu.....	31	1	seq
.....uucaagua <u>auccaCg</u> auaggcu.....	8	1	seq
.....uucaagua <u>aaGcc</u> aggauaggcu.....	13	1	seq
.....uucaagua <u>auccaggau</u> Uggcu.....	62	1	seq
.....uucaagua <u>auccaggau</u> gAcu.....	9	1	seq
.....uucaaCua <u>auccaggau</u> aggcu.....	7	1	seq
.....uucaagua <u>auccaggau</u> aggcAg.....	15	1	seq
.....uucUagua <u>auccaggau</u> aggcug.....	1	1	seq
.....uucaagua <u>auccaggG</u> uaggcu.....	1	1	seq
.....uucaagua <u>auccaggCu</u> aggcug.....	47	1	seq
.....uucaagua <u>auccaggA</u> ggcug.....	1	1	seq

Mature

Star

Sequence	Count	Count	Category
uggcgaaagccgugggccucg	1	1	seq
.uucaaguaauccaggauUggcug	1	1	seq
.uucaaguaauccaggauCggcug	3	1	seq
.uucaaguaauccaggauaggcCg	57	1	seq
.uucaaguaauccaggauaggcug	1	1	seq
.uucaaguaauccaggauaggcug	669	1	seq
.uucaaguaauccaggauaggcuA	2153	1	seq
.uucGaguaauccaggauaggcug	1	1	seq
.uucaaguaauccaggauaggcGg	2	1	seq
.uucaaguaauccaggauaggcU	11667	1	seq
.uucaaguaauccaggauGggcug	3	1	seq
.uucaaguaauccaggauaggcug	2020	0	seq
.uucaaguaauccaggauaggcugu	5	1	seq
.uucaaguaauccaggauaggcugA	150	1	seq
.uucaaguaauccaggauaggcuUu	946	1	seq
.uucaaguaauccaggauaggcugC	12	1	seq
.uucaaguaauccaggauaggcugG	5	1	seq
.uucaaguaauccaggauaggcAgu	4	1	seq
.uucaaguaauccaggCuaggcugu	5	1	seq
.uucaaguaauccaggGuaggcugu	1	1	seq
.uucaaguaauccaggauaggcCu	20	1	seq
.uucaaguaauccaggauaggcugu	188	0	seq
.uucaaguaauccaggauaggcuAu	766	1	seq
.uucaaguaauccaggauaggcuguA	1	1	seq
.uucaaguaauccaggauaggcuAug	2	1	seq
.uucaaguaauccaggauaggcuUug	3	1	seq
.uucaaguaauccaggauaggcuguC	1	1	seq
.uucaaguaauccaggauaggcugU	1	1	seq
.uucaaguaauccaggauaggcugugca	3	0	seq
.ucaaguaauccaggaua	19	0	seq
.ucaaguaauccaggaua	1	1	seq
.ucaaguaauccaggauag	13	0	seq
.ucaaguaauccaggCuagg	5	1	seq
.ucaaguaaGccaggauagg	1	1	seq
.ucaaguaaAccaggauagg	1	1	seq
.ucaaguaauccaggauagg	38	0	seq
.ucaaguaauccaggauaggc	3	1	seq
.ucaaguaauccaggCuaggc	5	1	seq
.ucaaguaauccaggauaggc	66	0	seq
.uUaaguaauccaggauaggc	1	1	seq
.ucaaguaauccaggGuaggcu	5	1	seq
.ucaaguaauccaggauaggcu	33	1	seq
.ucaagGaaucaggauaggcu	2	1	seq
.ucGaguaauccaggauaggcu	1	1	seq
.ucaaguaauccaggauaggcu	2	1	seq
.ucaagCaaucaggauaggcu	1	1	seq
.ucaaguaauccaggUuaggcu	3	1	seq
.ucaaguaauccaggauGggcu	1	1	seq
.uUaaguaauccaggauaggcu	1	1	seq
.ucaaguaauccaggCuaggcu	42	1	seq
.ucaaguaauccaggauaggcG	1	1	seq
.ucaaguaauccaggGaggcu	1	1	seq
.ucaaguaauccaggauaggcu	1718	0	seq
.ucaaguaauccaggauaggcA	2	1	seq
.ucaCguauccaggauaggcu	1	1	seq
.ucaaguaauccaggauaggcuA	11	1	seq
.ucaaguaauccaggauaggcuU	49	1	seq
.ucaaguaauccaggauaggcug	38	0	seq
.ucaaguaauccaggauaggcug	1	1	seq
.ucaaguaauccaggCuaggcug	1	1	seq
.ucaaguaauccaggauaggcuC	5	1	seq
.ucaaguaauccaggauaggcuUu	2	1	seq
.ucaaguaauccaggauaggcugG	1	1	seq
.ucaaguaauccaggauaggcuAu	5	1	seq
.ucaaguaauccaggauaggcugu	4	0	seq
.caaguaauccaggauag	13	0	seq
.caaguaauccaggauagg	13	0	seq
.caaguaauccaggCuagg	2	1	seq
.caaguaauccaggauagg	1	1	seq
.caaguaauccaUgauaggc	1	1	seq

Mature

Star

uggcgaaggccgugggccucggucaaguaauccaggauaggcugugcaaguccaaugggcuuauucugguuacuugcaggggacgcgggcccuggacgccggcauccgggc

.....caaguaauccaggauaggc.....	56	0	seq
.....caaguaauccaggCuaggc.....	1	1	seq
.....caaguaauccaggauaggcA.....	2	1	seq
.....caaguaauccaggGaggcu.....	1	1	seq
.....caaguaauccCggauaggcu.....	11	1	seq
.....caaguaauccaggGuaggcu.....	1	1	seq
.....caagGaauccaggauaggcu.....	1	1	seq
.....caaguaauccaggauGggcu.....	1	1	seq
.....caagAaauccaggauaggcu.....	1	1	seq
.....caaguaauccaggauaggcu.....	918	0	seq
.....caaguaauccaggauaggcG.....	2	1	seq
.....caaguaauccaggCuaggcu.....	17	1	seq
.....caaguaauccaggauaggcuC.....	3	1	seq
.....caaguaauccaggauaggcuU.....	21	1	seq
.....caaguaauccaggauaggcuA.....	3	1	seq
.....caaguaauccaggauaggcug.....	8	0	seq
.....caaguaauccaggauaggcugu.....	2	0	seq
.....caaguaauccaggauaggcuUu.....	3	1	seq
.....caaguaauccaggauaggcuAu.....	1	1	seq
.....aaguaauccCggauagg.....	2	1	seq
.....aaguaauccaggauagg.....	1	1	seq
.....aaguaauccaggauagg.....	17	0	seq
.....aaguaauccaggCuagg.....	3	1	seq
.....aaguaauccaggCuaggc.....	1	1	seq
.....aaguaauccaggauaggc.....	19	0	seq
.....aaguaauccGggauaggcu.....	1	1	seq
.....aaguaauccaggauaggcG.....	2	1	seq
.....aaguaauccaggGuaggcu.....	2	1	seq
.....aaguaauccCggauaggcu.....	13	1	seq
.....aaguaauccaggauaggcu.....	1068	0	seq
.....aaguaauccaggauCggcu.....	2	1	seq
.....aaguaaCccaggauaggcu.....	1	1	seq
.....aaguaauccaggCuaggcu.....	8	1	seq
.....aaguaauccaggauaggcuU.....	26	1	seq
.....aaguaauccaggauaggcuA.....	6	1	seq
.....aaguaauccaggauaggcuC.....	2	1	seq
.....aaguaauccaggauaggcug.....	10	0	seq
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.....aguaauccaggCuaggcu.....	36	1	seq
.....aguaauccaggauaggcu.....	567	0	seq
.....aguaauccaggauaggcA.....	1	1	seq
.....aguaauccaggCuaggcu.....	2	1	seq
.....aguaaucGaggauaggcu.....	2	1	seq
.....aguaauccaggauaggcG.....	2	1	seq
.....aguaauccCggauaggcu.....	18	1	seq
.....aguaauccaggauaggcuA.....	7	1	seq
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.....aguaauccaggauaggcuU.....	25	1	seq
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.....aguaauccaggauaggcuAu.....	1	1	seq
.....guaauccaggauaggcu.....	122	0	seq
.....guaauccaggauGggcu.....	1	1	seq
.....guaauccaggCuaggcu.....	8	1	seq
.....guaauccGggauaggcu.....	1	1	seq
.....guaauccUggauaggcu.....	1	1	seq
.....guaauccCggauaggcu.....	15	1	seq
.....guaauccaggauaggcG.....	1	1	seq
.....guaauccaggauaggcug.....	2	0	seq
.....guaauccaggauaggcuU.....	6	1	seq
.....guaauccaggauaggcuUu.....	1	1	seq
.....uaauccaggauaggcuA.....	1	1	seq
.....uaauccaggauaggcug.....	2	0	seq
.....uaauccaggauaggcuU.....	2	1	seq
.....aauccaggauaggcuAu.....	1	1	seq
.....aauccaggauaggcugu.....	1	0	seq
.....aauccaggauaggcuUu.....	2	1	seq

Mature

Star

uggcgaaggcgcgugggccucg <u>uucaaguaauccaggauaggcugugcaaguccaauggg</u> ccuauuc <u>u</u> gggu <u>u</u> acuugc <u>acg</u> gggacgcgggcccuggacgcggcauccgggc			
.....ccuauucCgguuacuugca.....	3	1	seq
.....ccuauucCgguuacuugcac.....	12	1	seq
.....ccuauucCgguuacuugcacg.....	99	1	seq
.....cuauucCgguuacuugcacg.....	1	1	seq
.....uauucCgguuacuugcacg.....	1	1	seq
.....gggacgcgggcccuggacg.....	1	0	seq
.....gggacgcgggcccuggCcgC.....	1	1	seq
.....gggacgcgggcccuggacgc.....	1	0	seq
.....gggacgcgggcccuggacgcC.....	13	0	seq
.....gggacgcgggcccuggacgcCg.....	11	0	seq
.....gggacgcgggcccuggacgcCA.....	1	1	seq
.....gggacgcgggcccuggCcgCcg.....	1	1	seq
.....gggacgcgggcccuggacgcCGA.....	1	1	seq
.....gggacgcgggcccuggacgcCGGA.....	1	1	seq
.....gggacgcgggcccuggacgcCggcauccggg.....	1	0	seq
.....gggacgcgggcccuggCcgCcgcauccgggc.....	1	1	seq
.....acgcgggcccuggGcgcc.....	1	1	seq