



gcuaaaaggaacgaucguugugauaugaguuguuuccuaacaauacacagugauuuuccuuuaaagcgc

...aaaaggaacgaucguuAugauaug.....	5	1	seq
...aaaaggaacgaucUuugugauuug.....	1	1	seq
...aaaaggaacgaucguuugugauAaug.....	1	1	seq
...aaGaggaacgaucguuugugauaug.....	2	1	seq
...aaaaggGacgaucguuugugauuug.....	1	1	seq
...aaaaggaacgaucGugugauuug.....	2	1	seq
...aaaaggaacgaucguuugCgauaug.....	1	1	seq
...aaaaggaacgaucguuugUauaug.....	2	1	seq
...aaaaggaacgaucguuugCuauug.....	2	1	seq
...aaaaggaacgaucguuugugauuugU.....	1	1	seq
...aaaaggaacgaucguuugugauuuga.....	4	0	seq
...aaaggaacgaucguuugug.....	3	0	seq
...aaaggaacgaucguuugugau.....	14	0	seq
...aaGggaacgaucguuugugaua.....	3	1	seq
...aaaggaacgaucguuUugaua.....	8	1	seq
...aaaggaacgaucguuugAgaua.....	1	1	seq
...aaaggaacgaucguuugCgaua.....	2	1	seq
...aaaggaacgaucguuugugauC.....	2	1	seq
...aaaggaacgaucguuugugUua.....	7	1	seq
...aaaaggaacgaGcguuugugaua.....	2	1	seq
...aaaaggaacgaucGAugugaua.....	1	1	seq
...aaaggaacgGucguuugugaua.....	1	1	seq
...aaaaggaacgaucGugugaua.....	3	1	seq
...aaaggaacgaCcgguuugugaua.....	2	1	seq
...aaaggGacgaucguuugugaua.....	2	1	seq
...aaaGaaacgaucguuugugaua.....	3	1	seq
...aaCggaacgaucguuugugaua.....	4	1	seq
...aaaggaacgaucguuugugauG.....	5	1	seq
...aaaaggaGcgaucguuugugaua.....	1	1	seq
...aaaggCacgaucguuugugaua.....	1	1	seq
...aaaggaAaggaucguuugugaua.....	1	1	seq
...aaaaggaacgaucguGugugaua.....	2	1	seq
...aaagUaacgaucguuugugaua.....	1	1	seq
...aaaggaacgaucguuugGgaua.....	1	1	seq
...aaaaggaacgaucguuugGua.....	1	1	seq
...aaaaggaacgaucguuugugaua.....	683	0	seq
...aaaggaacgaucUuugugaua.....	4	1	seq
...aaaaggaacgaucguuUugauuu.....	5	1	seq
...aaaggaGcgaucguuugugauuu.....	12	1	seq
...aaaggGacgaucguuugugauuu.....	6	1	seq
...aaaaggaacgaucguuugUuuuu.....	42	1	seq
...aaaaggaacgaGcguuugugauuu.....	7	1	seq
...aaaggaacgaucguuAugauuu.....	20	1	seq
...aaaaggCacgaucguuugugauuu.....	7	1	seq
...aaaggaacCaucguuugugauuu.....	1	1	seq
...aaaggaacgaucguuugugauuC.....	13	1	seq
...aaaaggaAaggaucguuugugauuu.....	16	1	seq
...aaaaggaacgaucguuAugugauuu.....	2	1	seq
...aaaAgaacgaucguuugugauuu.....	13	1	seq
...aCaggaacgaucguuugugauuu.....	1	1	seq
...aaaggaacgGucguuugugauuu.....	7	1	seq
...aaaggaacGgaucguuugugauuu.....	1	1	seq
...aaaaggaacgaucguuugUuuuu.....	9	1	seq
...aaaaggaUggaucguuugugauuu.....	3	1	seq
...aaaggaacgauUgguuugugauuu.....	13	1	seq
...aaaaggaacgaucGugugauuu.....	9	1	seq
...aaaaggaacgaucguuugugauGu.....	7	1	seq
...aaaaggaacgauAuguugugauuu.....	5	1	seq
...aaaaggaacgaucguuugugauuA.....	3	1	seq
...aaaaggaacUaucguuugugauuu.....	4	1	seq
...aaaaggaacgaucAuugugauuu.....	19	1	seq
...aaaaggaacgaucCuugugauuu.....	1	1	seq
...aaaUgaacgaucguuugugauuu.....	3	1	seq
...Gaaggaacgaucguuugugauuu.....	5	1	seq
...aaaaggaacgaucguuugUuuuu.....	4	1	seq
...aaaaggaacgaCcgguuugugauuu.....	7	1	seq
...aaaaggaacgaucguuugCgauuu.....	20	1	seq
...aaCggaacgaucguuugugauuu.....	18	1	seq
...aaGggaacgaucguuugugauuu.....	14	1	seq

gcuaaaaggaacgaucguugugauaugaguuguuuccuaacaauacacagugauuuuccuuuaaagcgc

...aaaggaacgaucguugugGuaau.....	16	1	seq
...aaaggaacgaucguugugauuu.....	6185	0	seq
...aaaggaacgaucguugugauCu.....	15	1	seq
...aaUggaacgaucguugugauuu.....	1	1	seq
...aaaggaacgaucguuCugauuu.....	4	1	seq
...aaaggaCcgauucguugugauuu.....	5	1	seq
...aaaggaacgaucGcugugauuu.....	28	1	seq
...aaaggaacAaucguugugauuu.....	10	1	seq
...aaagUaacgaucguugugauuu.....	7	1	seq
...aaagAaacgaucguugugauuu.....	4	1	seq
...aaaggaacGcucguugugauuu.....	5	1	seq
...aaaggaacgaucguugugaCau.....	7	1	seq
...aaaggaacgaucGAugugauuu.....	1	1	seq
...aGaggaacgaucguugugauuu.....	3	1	seq
...aaaggaacgaucguugugCuau.....	22	1	seq
...aaaggaacgaucguugugauUu.....	1	1	seq
...aaaggaacgaucguugGgauuu.....	7	1	seq
...aaaggaacgaucGuugugauuu.....	15	1	seq
...aaaggaacgaucUuuugugauuu.....	10	1	seq
...aaagCaacgaucguugugauuu.....	2	1	seq
...aaaggaacgaucguugugaGau.....	2	1	seq
...aaaggaacgaucGuugugauuu.....	14	1	seq
...aaaCgaacgaucguugugauuu.....	2	1	seq
...aaaggaacUaucguugugauuuug.....	8	1	seq
...aaaggaacgaucAuuugugauuuug.....	26	1	seq
...aaaggaacgaGcguugugauuuug.....	4	1	seq
...aaaggaacgaucUuuugugauuuug.....	13	1	seq
...aGaggaacgaucguugugauuuug.....	8	1	seq
...aaagAaacgaucguugugauuuug.....	25	1	seq
...aaaggaacgaucGuugugauuuug.....	10	1	seq
...aaaggaacCaucguugugauuuug.....	1	1	seq
...aaaggaacgaucGAugugauuuug.....	1	1	seq
...aaaggaacgaucguuGuAuuug.....	16	1	seq
...aaaggaacgaucguuugAgauuuug.....	8	1	seq
...aaaggCacgaucguugugauuuug.....	5	1	seq
...aaaggaacgaucguugugauuuAg.....	2	1	seq
...aaaggaacgaucguuugugGuauuug.....	20	1	seq
...aaaggGacgaucguugugauuuug.....	14	1	seq
...Uaaggaacgaucguugugauuuug.....	1	1	seq
...aaaggaacgaCcgugugauuuug.....	12	1	seq
...aaUggaacgaucguugugauuuug.....	1	1	seq
...Gaaggaacgaucguugugauuuug.....	18	1	seq
...aaaggaacgaucguuugugauuuuA.....	27	1	seq
...aaCggaacgaucguugugauuuug.....	33	1	seq
...aaaCgaacgaucguugugauuuug.....	7	1	seq
...aaaggaUcgaucguugugauuuug.....	1	1	seq
...aaaggaacgaucGcugugauuuug.....	23	1	seq
...aaaggaacgaucguugugaCaug.....	16	1	seq
...aaaggaacgaucCuugugauuuug.....	6	1	seq
...aaaggaacAaucguugugauuuug.....	20	1	seq
...aaaggaCcgauucguugugauuuug.....	2	1	seq
...aaaggaacgaucguuugugauuuGg.....	7	1	seq
...aaaggaacgaucGuugugauuuug.....	3	1	seq
...aaaggaacgaucguugugauUuug.....	4	1	seq
...aaaggaacgaucguuugugauuuC.....	4	1	seq
...aUaggaacgaucguugugauuuug.....	1	1	seq
...aaaUgaacgaucguugugauuuug.....	1	1	seq
...aaaggaacgaucguuugugauuuCug.....	35	1	seq
...aaaggaacgauAguugugauuuug.....	6	1	seq
...aaaggaacgaucguugGgauuuug.....	53	1	seq
...aaGggaacgaucguuugugauuuug.....	10	1	seq
...aaaggaGcgaucguuugugauuuug.....	15	1	seq
...aaaggaacgaucguuCugauuuug.....	2	1	seq
...aaaggUacgaucguuugugauuuug.....	1	1	seq
...aaaggaacgaucguuugugauuuU.....	34	1	seq
...aaaggaacgaucguuugugaAaug.....	2	1	seq
...aaaggaacgauGguuugugauuuug.....	3	1	seq
...aaaggaacgauUguuugugauuuug.....	9	1	seq
...aaaggaacgaucGugugauuuug.....	12	1	seq

gcuaaaaggaacgaucguugugauaugaguuguuuccuaacaauacacagugauuuuccuuuaaagcgc

...aaaggaUgaucguugugauaug.....	6	1	seq
...aaaggaacgaucguugugauGaug.....	5	1	seq
...aaaggaacgaucguugugUauaug.....	46	1	seq
...aaaggaacgaucguugugCuaug.....	38	1	seq
...aaaggaacgaucguuUugauaug.....	5	1	seq
...aaaggaacgGucguugugauaug.....	9	1	seq
...aaaggaacgaucguuLuugauaug.....	13	1	seq
...aaaggaacgaucguugugauGug.....	10	1	seq
...aaaggaacgCucguugugauaug.....	4	1	seq
...aaaggaacgaucguugugauaCg.....	22	1	seq
...aaaggaacgaucguCguugauaug.....	20	1	seq
...aaaggaacgUucguugugauaug.....	2	1	seq
...aaaggaAGgaucguugugauaug.....	1	1	seq
...aaagUaacgaucguugugauaug.....	6	1	seq
...Caaggaacgaucguugugauaug.....	2	1	seq
...aaaAgaacgaucguugugauaug.....	30	1	seq
...aaaggaacgaucguugugauaug.....	10712	0	seq
...aaaggaacgaucguugugUauaug.....	16	1	seq
...aCaggaacgaucguugugauaug.....	2	1	seq
...aaaggaacgaucguugGgauaug.....	12	1	seq
...aaagCaacgaucguugugauaug.....	2	1	seq
...aaaggaacgaucguugugCauaug.....	11	1	seq
...aaaggaAgaucguugugauaug.....	18	1	seq
...aaaggaacgaucguugugauaugU.....	18	1	seq
...aaaggaacgaucguugugauauga.....	35	0	seq
...aaaggaacgaucguugugauuAa.....	6	1	seq
...aaaggaacgGucguugugauauga.....	1	1	seq
...aaaggaacgCucguugugauauga.....	1	1	seq
...aaaggaacgaucguugugauaugC.....	4	1	seq
...aaggaacgaucguugugaua.....	8	0	seq
...aaggaacgaucgGugugaua.....	1	1	seq
...aaggaacgaucgCugugauau.....	1	1	seq
...aaggGacgaucguugugauau.....	1	1	seq
...aaggaacgaucguugugauaC.....	1	1	seq
...aaggaacgaucguugugauau.....	76	0	seq
...aaggaacgaucguugugauuA.....	3	1	seq
...aaggaacgaucguugugauaug.....	107	0	seq
...aaggaacgCucguugugauaug.....	1	1	seq
...aaggaacgaucguugugauCug.....	1	1	seq
...aaggaacgaucguugCgauaug.....	1	1	seq
...aaUgaacgaucguugugauaug.....	1	1	seq
...aaggaacgaucguugugauuU.....	2	1	seq
...aaggaacgaucguCguugauaug.....	1	1	seq
...aagUaacgaucguugugauaug.....	1	1	seq
...aaggaacgaucguugugauaugC.....	1	1	seq
...aaggaacgaucguugugauauga.....	1	0	seq
...aggaacgaucguugugauau.....	13	0	seq
...aggaacgaucguugugauCug.....	1	1	seq
...aggaacgaucguugugauaug.....	22	0	seq
...aggaacgaucguugugauuA.....	4	1	seq
...aggaacgaucguugugauaugU.....	1	1	seq
...aggaacgaucguugugauaugaA.....	1	1	seq
...ggaacgaucguugugauau.....	2	0	seq
...ggaacgaucguugugauaug.....	5	0	seq
...gaacgaucguugugauau.....	1	0	seq
...gaacgaucguugugauaug.....	1	0	seq
.....ugaguuguuuccuUacaua.....	1	1	seq
.....ugaguuguuuccuaacaua.....	1	0	seq
.....auauAacagugauuuuccuuuu.....	1	1	seq
.....auaucacagugauuuuccuuuu.....	2	0	seq
.....auaucacagugauuuuccuuuuaua.....	13	0	seq
.....uaucaacagugauuuuccuuu.....	4	0	seq
.....uaucaacaguguuuuuccuuua.....	1	1	seq
.....uaucaacagugauuuuccuuua.....	34	0	seq
.....uaucaacagugauuuAccuuua.....	1	1	seq
.....uaucaacagugauuuuccCuuu.....	1	1	seq
.....Aaucacagugauuuuccuuua.....	2	1	seq
.....uaucaacaUugauuuuccuuua.....	4	1	seq
.....uaucaacagugauuuuccuAua.....	1	1	seq

gcuaaaaggaacgaucgugugauaugaguuguuuuccuaacauaucacaguuuuccuuuaaacgc

.....uauca	cag	uuu	C	ccuu	uu	.....	3	1	seq							
.....uCuca	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....Aauca	cag	uuu	u	ccuu	uu	.....	219	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	.....	4	1	seq							
.....uauca	cag	uuu	u	ccu	C	uu	.....	1	1	seq						
.....uauca	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	.....	5	1	seq							
.....uauca	cag	uuu	u	A	c	uuu	.....	3	1	seq						
.....uauca	cag	uuu	u	ccu	C	au	.....	1	1	seq						
.....uauca	cag	uuu	u	ccuu	uu	.....	4	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	.....	7	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	.....	2114	0	seq							
.....uauca	c	G	g	uuu	u	ccuu	.....	1	1	seq						
.....uauca	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....uauca	cag	uuu	u	G	c	uuu	.....	2	1	seq						
.....uauca	U	ag	uuu	u	ccuu	uu	.....	2	1	seq						
.....uauA	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....Gauca	cag	uuu	u	ccuu	uu	.....	11	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	U	.....	1	1	seq						
.....uauca	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....uau	U	a	cag	uuu	u	ccuu	.....	1	1	seq						
.....uauca	ca	U	ag	uuu	u	ccuu	.....	2	1	seq						
.....uauca	G	ag	uuu	u	ccuu	uu	.....	1	1	seq						
.....uauca	cag	uuu	u	ccuu	uu	.....	3	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	a	C	.....	1	1	seq					
.....u	G	u	c	a	c	a	g	uuu	u	ccuu	uu	.....	1	1	seq	
.....uauca	cag	uuu	u	ccuu	uu	.....	3	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	.....	2	1	seq							
.....uauca	ca	A	u	g	uuu	u	ccuu	uu	.....	1	1	seq				
.....uauca	c	G	u	g	uuu	u	ccuu	uu	.....	2	1	seq				
.....ua	A	c	a	c	a	g	uuu	u	ccuu	uu	.....	1	1	seq		
.....uauca	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	C	u	.....	8	1	seq					
.....uauca	A	ag	uuu	u	ccuu	uu	.....	2	1	seq						
.....Cauca	cag	uuu	u	ccuu	uu	.....	26	1	seq							
.....uauca	cag	uuu	u	C	u	ccuu	uu	.....	7	1	seq					
.....uauca	cag	uuu	u	G	u	ccuu	uu	.....	1	1	seq					
.....uauca	cag	uuu	u	A	u	ccuu	uu	.....	4	1	seq					
.....uauca	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	.....	1	1	seq							
.....uauca	cag	uuu	u	ccuu	uu	G	u	.....	1	1	seq					
.....uauca	cag	uuu	u	ccuu	uu	C	u	.....	3	1	seq					
.....ua	C	c	a	c	a	g	uuu	u	ccuu	uu	.....	3	1	seq		
.....ua	G	c	a	c	a	g	uuu	u	ccuu	uu	.....	5	1	seq		
.....uauca	cag	uuu	u	G	u	ccuu	uu	.....	1	1	seq					
.....u	G	u	c	a	c	a	g	uuu	u	ccuu	uu	a	.....	1	1	seq
.....uauca	cag	uuu	u	ccuu	uu	u	a	.....	5	1	seq					
.....uauca	cag	uuu	u	ccuu	uu	u	a	.....	7	1	seq					
.....uauca	cag	uuu	u	ccuu	uu	u	.....	1	1	seq						
.....uauca	c	G	g	uuu	u	ccuu	uu	u	a	.....	7	1	seq			
.....uauca	cag	uuu	u	A	u	ccuu	uu	u	a	.....	3	1	seq			
.....uauca	cag	uuu	u	A	c	uuu	u	u	a	.....	4	1	seq			
.....Cauca	cag	uuu	u	ccuu	uu	u	a	.....	26	1	seq					
.....uauca	cag	uuu	u	ccuu	uu	u	a	.....	3608	0	seq					
.....ua	A	c	a	c	a	g	uuu	u	ccuu	uu	u	a	.....	1	1	seq
.....A	a	c	a	c	a	g	uuu	u	ccuu	uu	u	a	.....	228	1	seq
.....uauca	cag	uuu	u	C	u	ccuu	uu	u	a	.....	5	1	seq			
.....uauca	cag	uuu	u	G	c	uuu	u	u	a	.....	1	1	seq			
.....uauca	ca	U	ag	uuu	u	ccuu	uu	u	a	.....	9	1	seq			
.....uauca	cag	uuu	u	ccuu	uu	u	u	a	.....	2	1	seq				
.....uauca	cag	uuu	u	C	c	uuu	u	u	a	.....	4	1	seq			
.....ua	C	c	a	c	a	g	uuu	u	ccuu	uu	u	a	.....	7	1	seq
.....uauca	cag	uuu	u	A	u	ccuu	uu	u	a	.....	2	1	seq			
.....uauca	cag	uuu	u	ccuu	uu	u	G	.....	3	1	seq					
.....uauca	cag	uuu	u	ccuu	uu	u	G	a	.....	1	1	seq				
.....uauca	cag	uuu	u	ccuu	uu	C	u	a	.....	10	1	seq				
.....uauca	cag	uuu	u	ccuu	uu	u	.....	2	1	seq						
.....uauca	c	G	g	uuu	u	ccuu	uu	u	a	.....	4	1	seq			

gcuaaaaggaacgaucgugugauaugaguuguuuccuaacauacacaguguuuuccuuuauacgc

.....uacacagugaCuuuccuuua.....	5	1	seq
.....uacacaguguuuuccuGua.....	1	1	seq
.....uacacaguguuuuccuuCa.....	4	1	seq
.....uacacaguguuuuccuuuauC.....	11	1	seq
.....uacacaguguuuGccuuua.....	1	1	seq
.....uacacaAuguuuuccuuua.....	3	1	seq
.....uacGcaguguuuuccuuua.....	4	1	seq
.....uacacagugauCuuccuuua.....	6	1	seq
.....uacacaguUuuuuuccuuua.....	2	1	seq
.....uauUaguguuuuccuuua.....	4	1	seq
.....uacacaguguuuuccuCuua.....	3	1	seq
.....uaGcacaguguuuuccuuua.....	4	1	seq
.....uacacaguguuuucUuuua.....	4	1	seq
.....uauUacaguguuuuccuuua.....	2	1	seq
.....uauUcaguguuuuccuuua.....	1	1	seq
.....uacacagGguuuuuccuuua.....	1	1	seq
.....uacacaCuguuuuccuuua.....	1	1	seq
.....Gaucacaguguuuuccuuua.....	4	1	seq
.....uacacaguguuuucAuuua.....	2	1	seq
.....uacacaguguuuuccuCa.....	2	1	seq
.....uauAacaguguuuuccuuua.....	1	1	seq
.....uacacagAguuuuuccuuua.....	2	1	seq
.....uacacaguguuuuccuuUua.....	1	1	seq
.....uacacaguguuuuccCuua.....	7	1	seq
.....uauCcaguguuuuccuuua.....	7	1	seq
.....uacacaguguuuuccuuGua.....	3	1	seq
.....Aaucacaguguuuuccuuua.....	6	1	seq
.....uacacagugUuuuuccuuua.....	1	1	seq
.....uacacaguguuuuccuuuaC.....	2	1	seq
.....uaCcacaguguuuuccuuua.....	1	1	seq
.....uacacaguguuuuccuuua.....	117	0	seq
.....uacacaUuguuuuccuuua.....	1	1	seq
.....uacacaguguuuuccuuuaU.....	4	1	seq
.....Caucacaguguuuuccuuua.....	1	1	seq
.....uacacaguguuuuccuuuaA.....	1	1	seq
.....uacacaguguuuuccuuua.....	4	1	seq
.....aucacaguguuuuccuu.....	1	0	seq
.....aGcacaguguuuuccuuua.....	1	1	seq
.....aucacaguguuuuccuuua.....	9	0	seq
.....aAcacaguguuuuccuuua.....	1	1	seq
.....aucacaguguuuuccuuua.....	1	1	seq
.....aucacagugauCuuccuuua.....	1	1	seq
.....aucacagGguuuuuccuuua.....	1	1	seq
.....aucaAaguguuuuccuuua.....	1	1	seq
.....aucacagugUuuuuccuuua.....	1	1	seq
.....aucacaguguuuucUuuua.....	1	1	seq
.....Guacacaguguuuuccuuua.....	1	1	seq
.....aucacaAuguuuuccuuua.....	3	1	seq
.....aucacaguguuuuccuuua.....	1	1	seq
.....aCcacaguguuuuccuuua.....	1	1	seq
.....aucacaguguuuuccuuGu.....	1	1	seq
.....aucacagugauAuuccuuua.....	1	1	seq
.....auAacaguguuuuccuuua.....	5	1	seq
.....aucCcaguguuuuccuuua.....	1	1	seq
.....aucacaguguuuuccuuua.....	449	0	seq
.....aucacaguguuuuccuuuaC.....	2	1	seq
.....aucacaguguuuuccCuua.....	1	1	seq
.....aucacaguguuuuccuuua.....	1	1	seq
.....aucacaguguuuucUuuua.....	1	1	seq
.....aucGcaguguuuuccuuua.....	1	1	seq
.....aucacaUuguuuuccuuua.....	3	1	seq
.....aucacagugaCuuccuuua.....	1	1	seq
.....aucacaguAuuuuccuuua.....	1	1	seq
.....auAacaguguuuuccuuua.....	5	1	seq
.....aucacaguguuuuccuCa.....	1	1	seq
.....aucacaAuguuuuccuuua.....	2	1	seq
.....aucacagCguuuuuccuuua.....	1	1	seq
.....aCcacaguguuuuccuuua.....	2	1	seq
.....aucacaguguuuuccuuua.....	407	0	seq

dme-miR-5-5p\_MIMAT0000110

dme-miR-5-3p\_MIMAT0020786

gcuaaaaggaacgaucguugugauaugaguuguuuccuaacaauacacagugauuuuccuuuuuaacgc

.....aucacagGgauuuuccuuuuuaa....	3	1	seq
.....aucacagugGuuuuccuuuuuaa....	1	1	seq
.....aucacagugUuuuuuccuuuuuaa....	1	1	seq
.....aucacaAugauuuuccuuuuuaa....	1	1	seq
.....aucacagugauuuuccuuuuuaa....	20	0	seq
.....ucacagugauuuuccuuuuuaa....	22	0	seq
.....Acacagugauuuuccuuuuuaa....	1	1	seq
.....Acacagugauuuuccuuuuuaa....	2	1	seq
.....ucacagugauuuuccuuuuuaa....	25	0	seq
.....uUacagugauuuuccuuuuuaa....	1	1	seq
.....ucacagugauuuuccuuuuuaa....	2	0	seq
.....ucacagugauuuuccuuuuuaaac..	1	0	seq
.....cacagugauuuuccuuuuuaa....	1	0	seq
.....cacagugauuuuccuuuuuaa....	4	0	seq
.....cagugauuuuccuuuuuaa....	1	0	seq