



5'	obs	-3'	exp	known	reads	mm	sample
ggugucagucggcugcugcuugguacuuggagagagguggucgucggcgcuucgcuuuuuuauuggcgacacuuacacggucgaccucuugcagaucauaauccc							
ggugucagucggcugcugcuugguacuuggagagagguggucgucggcgcuucgcuuuuuuauuggcgacacuuacacggucgaccucuugcagaucauaauccc							
ggugucagucggcugcugcuugguacuuggagagagguggucgucggcgcuucgcuuuuuuauuggcgacacuuacacggucgaccucuugcagaucauaauccc							
((((((((.....)))..))))).((((((..((((((.....(((.....))))..))....))))).))))))....							
.....Caggugguccguggcgcgguucg.....					1	1	hsa
.....aggugguccguggcgcggu.....					9	0	hsa
.....Cggugguccguggcgcggu.....					1	1	hsa
.....aggugguccguggcgcgguU.....					2	1	hsa
.....aggCgguccguggcgcgguuc.....					1	1	hsa
.....aggugguccguggcgcgguuc.....					22	0	hsa
.....agguAguccguggcgcgguuc.....					1	1	hsa
.....aggugUuccguggcgcgguucg.....					1	1	hsa
.....aggugguccgCggcgcgguucg.....					1	1	hsa
.....aggugguccguggcgcgguucg.....					179	0	hsa
.....aggugguccguggUgcguucg.....					2	1	hsa
.....aggugguccguggcgcgguucU.....					10	1	hsa
.....aggugguccgugAcgcgguucg.....					1	1	hsa
.....agguggucUguggcgcgguucg.....					2	1	hsa
.....aggugguccguggcgUguucg.....					1	1	hsa
.....aggugguccUuggcgcgguucg.....					1	1	hsa
.....aggUCguccguggcgcgguucg.....					1	1	hsa
.....aggCgguccguggcgcgguucg.....					1	1	hsa
.....aggugguccguggcgcgguucA.....					3	1	hsa
.....aUgugguccguggcgcgguucgc.....					1	1	hsa
.....agguggucAguggcgcgguucgc.....					1	1	hsa
.....aggugguccguggcgcgguucgA.....					5	1	hsa
.....aggugguccguggcgcgguucgc.....					34	0	hsa
.....aggugguccguggcgcgguucGU.....					25	1	hsa
.....aggugguccguggcgcgguucgcu.....					14	0	hsa
.....aggugguccguggcgcgguucGUu.....					1	1	hsa
.....aggugguccguggcgcgguucgc6.....					1	1	hsa
.....aggugguccguggcgcgguucgAu.....					2	1	hsa
.....aggugguccguggcgcgguucgAuu.....					1	1	hsa
.....aggugguccguggcgcgguucGUuu.....					2	1	hsa
.....cgacacuuacacggucgaccucu.....					4	0	hsa
.....cgacacuuacacggucgaccucuA.....					1	1	hsa

Star

Mature

ggugucagucggcugcugcuugguacuuggagagaggugguccguggcgcguucgcuuuuuuuuuggcgcacauuacacggucgaccucuugcaguaucuaauccc

gcacauuacacggucgac	2	0	hsa
gcacauuacacggucgacA	1	1	hsa
gcacauuacacggucgacc	24	0	hsa
gcacauuacacggucgaccu	74	0	hsa
gcacauuacacUgucgaccu	1	1	hsa
gcacauuacacggucgaccC	1	1	hsa
gcacauuacacgg6cgaccu	1	1	hsa
gcacauuacacgUucgaccuc	1	1	hsa
gcacauuacacggucgaccuA	3	1	hsa
gUacauuacacggucgaccuc	1	1	hsa
gcacauuacacggucgaccuc	67	0	hsa
gcacauuacacggucgacAuc	1	1	hsa
gcacauuacacggucgacUucu	3	1	hsa
gcacauuacacgCucgaccucu	1	1	hsa
gAacauuacacggucgaccucu	1	1	hsa
gcacauuacacggucCaccucu	1	1	hsa
gcacauuGcacggucgaccucu	1	1	hsa
gcaca6uacacggucgaccucu	1	1	hsa
gcacauCacacggucgaccucu	3	1	hsa
gcacauuacacggucgCccucu	1	1	hsa
gcacauuacacggucg6ccucu	1	1	hsa
gcacauuUacggucgaccucu	5	1	hsa
gcacauuacacggucgaccCcu	1	1	hsa
gcacauuacacggucgaccucu	2900	0	hsa
gcacauuacacggucAaccucu	8	1	hsa
gcacauuacacggucgaAcucu	4	1	hsa
gcacauuacacgg6cgaccucu	8	1	hsa
gUacauuacacggucgaccucu	9	1	hsa
gcacauuacacggucgaccucA	21	1	hsa
gcacauuCcacggucgaccucu	2	1	hsa
gcacUuuacacggucgaccucu	1	1	hsa
gcaUuuuacacggucgaccucu	6	1	hsa
gc6cauuacacggucgaccucu	1	1	hsa
gcacauuacacggucgaUcucu	7	1	hsa
gcacauuAacggucgaccucu	1	1	hsa
gcagauuacacggucgaccucu	1	1	hsa
gcacauuacacggUgaccucu	7	1	hsa
gcacauuac6cgucgaccucu	1	1	hsa
gcacauuacacgUucgaccucu	4	1	hsa
gcacauuacacggucgUccucu	1	1	hsa
gcCcauuacacggucgaccucu	2	1	hsa
gcacauuacacggucUaccucu	2	1	hsa
gcacauuacacggucgaccuc6	1	1	hsa
gcacauuacacggAgaccucu	8	1	hsa
gcacauuacacggucgac6ucu	1	1	hsa
gcacauuacacggucgaccuAu	3	1	hsa
gcac6uuacacggucgaccucu	1	1	hsa
gcacauuacacggucgaccucC	9	1	hsa
gcacCuuacacggucgaccucu	1	1	hsa
gcacauuacaUggucgaccucu	5	1	hsa
gcacauuacacggCcgaccucu	14	1	hsa
gcacauuacacggucgaccuUu	4	1	hsa
gcacauuacacggUAgaccucu	3	1	hsa
gcacauuacacUgucgaccucu	5	1	hsa
gcacauuacCcgucgaccucu	3	1	hsa
Ucacauuacacggucgaccucu	3	1	hsa
gcacauuacacAgucgaccucu	3	1	hsa
gcacauuacacggucgacAucu	2	1	hsa
gcacauuacacggucgaccAcu	1	1	hsa
Ncacauuacacggucgaccucu	4	1	hsa
Acacauuacacggucgaccucu	12	1	hsa
gcacauuacacggucgaccucuA	25	1	hsa
gcacauuacacggucgaccucuu	13	0	hsa
gcacauuacacggucgaccucuAu	2	1	hsa
gcacauuacacggucgaccucuU6	1	1	hsa
cacauuacacggucgaUc	1	1	hsa
cacauuacacggucgacc	44	0	hsa
cacauuacacggucUaccu	1	1	hsa
cacauuacacggCcgaccu	1	1	hsa
cacauuacacggUgaccu	1	1	hsa

Star

Mature

ggugucagucggcugcugcuugguacuuggagagaggugguccguggcgcguucgcuuuuuuuuuggcgcacauuacacggucgaccucuugcaguaucuaauccc

.....cacaauacacggucgaUcu.....	1	1	hsa
.....cacaauacacggGcgaccu.....	1	1	hsa
.....cacaauacacUgucgaccu.....	1	1	hsa
.....Uacaauacacggucgaccu.....	1	1	hsa
.....cacGuuacacggucgaccu.....	1	1	hsa
.....cacaauacacggucgaccu.....	173	0	hsa
.....cacaauacacggucgaccuc.....	110	0	hsa
.....cacaauacacggucgacAuc.....	1	1	hsa
.....cacaauacacggGcgaccuc.....	1	1	hsa
.....cacaauacacggucgaccCc.....	3	1	hsa
.....cacaauacacggucUaccuc.....	1	1	hsa
.....cacaauacacggucgaccuU.....	3	1	hsa
.....cacaauacacggucgaccucG.....	6	1	hsa
.....cacaauacacggUgaccucu.....	5	1	hsa
.....cacaauacaUggucgaccucu.....	3	1	hsa
.....cacaauacacggGcgaccucu.....	5	1	hsa
.....cacaauacacgUucgaccucu.....	9	1	hsa
.....cacaauacacUgucgaccucu.....	16	1	hsa
.....cacaauacacggUaAccucu.....	7	1	hsa
.....cacaauacCcggucgaccucu.....	2	1	hsa
.....Nacaauacacggucgaccucu.....	16	1	hsa
.....cacaauacacggucgacUucu.....	9	1	hsa
.....cacaauacacggucgaccAcu.....	1	1	hsa
.....cacaauacacggCcggaccucu.....	11	1	hsa
.....cacaauaUacggucgaccucu.....	10	1	hsa
.....cacaauacacggNcgaccucu.....	1	1	hsa
.....cacGuuacacggucgaccucu.....	2	1	hsa
.....cacaauacacggucgaccCcu.....	3	1	hsa
.....Gacaauacacggucgaccucu.....	3	1	hsa
.....cacaauacacCgucgaccucu.....	3	1	hsa
.....cacaauCcacggucgaccucu.....	3	1	hsa
.....cacaauacacggucgaUcucu.....	5	1	hsa
.....cacaauacacgCucgaccucu.....	2	1	hsa
.....caGauuacacggucgaccucu.....	1	1	hsa
.....cGcauuacacggucgaccucu.....	1	1	hsa
.....cacaauacacggucgaAcucu.....	3	1	hsa
.....cacaauacacggAcgaccucu.....	7	1	hsa
.....cacaauacacggucgaccucC.....	20	1	hsa
.....cacaauacacAgucgaccucu.....	6	1	hsa
.....cacaauacacggucgaccucA.....	38	1	hsa
.....cacaauacacggucCaccucu.....	2	1	hsa
.....Uacaauacacggucgaccucu.....	9	1	hsa
.....cacaauacacggucgCccucu.....	3	1	hsa
.....cacaauacacggucgaccuUu.....	6	1	hsa
.....cacaauacacgAucgaccucu.....	2	1	hsa
.....cacaauacGcggucgaccucu.....	1	1	hsa
.....cacaauacacggucUaccucu.....	14	1	hsa
.....cCcauuacacggucgaccucu.....	1	1	hsa
.....cacaauacacggucgCccucu.....	1	1	hsa
.....cacaauacacggUAgaccucu.....	1	1	hsa
.....cacaauacacggucgaccucu.....	4724	0	hsa
.....caUauuacacggucgaccucu.....	8	1	hsa
.....cacCuuaacacggucgaccucu.....	1	1	hsa
.....cacaauacUcggucgaccucu.....	1	1	hsa
.....cacaauGcacggucgaccucu.....	3	1	hsa
.....cacaauacacggucgacAucu.....	4	1	hsa
.....cacaCuacacggucgaccucu.....	2	1	hsa
.....cacauCacacggucgaccucu.....	4	1	hsa
.....cacaauacacggucAaccucuu.....	1	1	hsa
.....cacaauacacggucgaccucuC.....	1	1	hsa
.....cacaauacacggucgaccucCu.....	1	1	hsa
.....cacaauacacggucgaccucuu.....	43	0	hsa
.....cacaauacacggucgaccucuA.....	96	1	hsa
.....cacaauacacggucgaccucuuA.....	4	1	hsa
.....cacaauacacggucgaccucuAu.....	17	1	hsa
.....acaauacacggucgaccuc.....	1	0	hsa
.....Gcauuacacggucgaccucu.....	2	1	hsa
.....acaauacacggucgaccucu.....	21	0	hsa
.....acaauacacggucgacUucu.....	1	1	hsa
.....acaauacacgUucgaccucu.....	1	1	hsa

Star

Mature

ggugucagucggcugcugcuugguacuuggagagaggugguccguggcgcuucgcuuuuuuuuagggcgacauuacacgggucgaccucu	uuugcaguaucuaauccc			
.....acaauacacgggucgaccucuC.....	1	1	1	hsa
.....acaauacacgggucgaccucuAu.....	1	1	1	hsa