



5'		-3'	obs	
			exp	
agaguauccugggucuucaugucugcuuuggga	ggguuccuggcgugcugauuugugacuuagauaaaaucacauugccagggauuaccaccagggccagaccugccagcu			
agaguauccugggucuucaugucugcuuuggga	ggguuccuggcgugcugauuugugacuuagauaaaaucacauugccagggauuaccaccagggccagaccugccagcu			
.....((((.....((((.....((((.....((((.....((((.....)))))))).)))))))).))))))..		reads	mm	sample
.....cuuucaugucugcuCuggga.....		1	1	s02
.....uuucaugucugcuCuggga.....		2	1	s02
.....ggguuccuggcgugcugauu.....		2	0	s02
.....ggguuccuggcgugcugauuu.....		5	0	s02
.....ggguuccuggcgugcugauuuU.....		2	1	s02
.....aaucacauugccagggauu.....		1	0	s02
.....aaucacauugccagggauuacc.....		3	0	s02
.....aucacauugccagggauu.....		26	0	s02
.....aucacGuugccagggauu.....		1	1	s02
.....aucacauugccagggauA.....		2	1	s02
.....aucacauugccagggauAa.....		2	1	s02
.....aucacauugccagggauua.....		4	0	s02
.....aucacauugccagggauuCc.....		2	1	s02
.....Nucacauugccagggauuac.....		1	1	s02
.....aucacauugccagggauuGc.....		2	1	s02
.....aucacauugccagggauuaG.....		1	1	s02
.....aucacauugccagggauuac.....		60	0	s02
.....aucacauugccagggauuaU.....		1	1	s02
.....aucacauugccagggUuuac.....		2	1	s02
.....aucacauugccagggauuaA.....		4	1	s02
.....aucacCuugccagggauuac.....		1	1	s02
.....aucacauugccagggGuuac.....		1	1	s02
.....aucacauugccCagggauuacc.....		5	1	s02
.....aucacauugccagggauuCcc.....		2	1	s02
.....aucacauuAccagggauuacc.....		1	1	s02
.....aucacauugccagggauCacc.....		1	1	s02
.....aucacauugccagggGuuacc.....		2	1	s02
.....aucacauugccagggUuuacc.....		5	1	s02
.....aucacauugccagggCuuacc.....		1	1	s02
.....aucacauugccagggaAuacc.....		1	1	s02
.....Nucacauugccagggauuacc.....		1	1	s02
.....aucacauugccagggauuaGc.....		1	1	s02
.....aucacauugccagggauuacA.....		5	1	s02

Star

Mature

agagauaccuggucuuuaucaugucugcuuugggaagguuuccuggcugcugauuuugugacuuaagauaaaaucauauugccagggauuaccaccagggcagaccuccagccagcu

.....aucacauugccagggauu6cc.....	3	1	s02
.....aucacauugccagggau6acc.....	1	1	s02
.....aucacau6gccagggauuacc.....	1	1	s02
.....aucacCuugccagggauuacc.....	3	1	s02
.....aucacauugccagggauuacU.....	5	1	s02
.....aucacauugccagggauuacc.....	530	0	s02
.....aucacauugccagggau6uacc.....	2	1	s02
.....aucac6uugccagggauuacc.....	3	1	s02
.....aucacauAgccagggauuacc.....	3	1	s02
.....6ucacauugccagggauuacc.....	1	1	s02
.....aucacauuUccagggauuacc.....	1	1	s02
.....aucacauuCccagggauuacc.....	1	1	s02
.....aucacaCugccagggauuacc.....	1	1	s02
.....aucUcauugccagggauuacc.....	2	1	s02
.....aucacauuUccagggauuacca.....	3	1	s02
.....au6acauugccagggauuacca.....	1	1	s02
.....aucacauugccaggg6uuacca.....	2	1	s02
.....aucCcauugccagggauuacca.....	1	1	s02
.....aucacauugccaAgggauuacca.....	1	1	s02
.....aucacauugccagggauuacca.....	525	0	s02
.....aucacauugCcagggauuacca.....	1	1	s02
.....aucaUauugccagggauuacca.....	1	1	s02
.....aucacauugccagggauuCcca.....	7	1	s02
.....aucacauugccagggauuaccU.....	6	1	s02
.....aucacGuugccagggauuacca.....	6	1	s02
.....aucacauugccagUgauuacca.....	3	1	s02
.....aucacauugccagggauuaccAa.....	2	1	s02
.....aucacauAgccagggauuacca.....	1	1	s02
.....aucacauugccCgggauuacca.....	3	1	s02
.....aucacauugccagggauCuacca.....	1	1	s02
.....aucacauugccagggUuuacca.....	3	1	s02
.....aucUcauugccagggauuacca.....	3	1	s02
.....auc6cauugccagggauuacca.....	1	1	s02
.....aucacauugcGagggauuacca.....	1	1	s02
.....aucacCuugccagggauuacca.....	2	1	s02
.....aucacauugccagggauuaccC.....	1	1	s02
.....aucacauugccagggauu6cca.....	4	1	s02
.....aucacauugccagggauu6cca.....	1	1	s02
.....aucacauug6cagggauuaccac.....	1	1	s02
.....aucacauugccagggauuaccac.....	463	0	s02
.....aucacauugccagggauuaccCc.....	1	1	s02
.....aucacauugccagggauuaccU.....	12	1	s02
.....aucacauugccagggUuuaccac.....	5	1	s02
.....aucacauugccagUgauuaccac.....	1	1	s02
.....aucUcauugccagggauuaccac.....	5	1	s02
.....aucacauugccagggau6uaccac.....	1	1	s02
.....aucacauugccagggauCaccac.....	1	1	s02
.....aucacauugccagggauu6cac.....	1	1	s02
.....aucacauugccCgggauuaccac.....	2	1	s02
.....aucacaCugccagggauuaccac.....	1	1	s02
.....aucacCuugccagggauuaccac.....	2	1	s02
.....aucacauuUccagggauuaccac.....	3	1	s02
.....aucacauuAccagggauuaccac.....	2	1	s02
.....aucacauugccagggauuaccUc.....	1	1	s02
.....Uucacauugccagggauuaccac.....	1	1	s02
.....aucacauugccagggauuUcac.....	1	1	s02
.....Cucacauugccagggauuaccac.....	1	1	s02
.....aucacauugccagggauuacUac.....	1	1	s02
.....aucacauugccagggauuAAcac.....	1	1	s02
.....aucacauugccagggauuCccac.....	5	1	s02
.....aucacauugccagggauuaccaA.....	5	1	s02
.....aucacauuCccagggauuaccac.....	1	1	s02
.....aucacGuugccagggauuaccac.....	3	1	s02
.....aucCcauugccagggauuaccac.....	2	1	s02
.....aucacauugccagggauuacca6.....	1	1	s02
.....aucacauugccagggauu6ccac.....	1	1	s02
.....auUacauugccagggauuaccac.....	1	1	s02
.....aucacauugccagggCuuaccac.....	1	1	s02
.....aucacauugccagggauuaccacA.....	38	1	s02
.....aucacCuugccagggauuaccacc.....	1	1	s02

Star

Mature

agaguauccuggucuuucaugucugcuuuggga**ggguuccuggcgugcugauuu**gugacuu**aagauaaa**aucacau**ugccagggauuaccacc**caggccagacc**cugccagcu**

.aucacGuuuccagggaauuaccacc.	1	1	s02
.aucacauuuccagggaauuaccacG.	4	1	s02
.aucacauuuccagggaauuaccacc.	16	0	s02
.aucacauuuccagggaauuaccacU.	773	1	s02
.aucacauuuccagggaauuaccaccA.	4	1	s02
.aucacauuuccagggaauuaccaccU.	2	1	s02
.ucacauuuccagggaauuacc.	1	0	s02
.ucacauuuccagggaauuacca.	2	0	s02
.ucacauuuccagggaauuaccac.	4	0	s02
.ucacauuuccagggaauuaccacA.	1	1	s02
.ucacauuuccagggaauuaccacU.	12	1	s02
.acauuuccagggaauuacc.	1	0	s02
.acauuuccUgggaauuacca.	1	1	s02
.acauuuccagggaauuacca.	1	0	s02
.acauuuccagggGuuaccac.	1	1	s02
.acauuuccagggaauuaccac.	1	0	s02
.acauuuccagggaauuaccacU.	1	1	s02
.uuucaugucugcuCuggga.	1	1	s01
.uuucaugucugcuuuggga.	1	0	s01
.uucauguUugcuuuggga.	1	1	s01
.ggguuccGggcgugcugauuu.	1	1	s01
.ggguuccuggcgugcugauuu.	1	0	s01
.aaucacauuuccagggaauuacc.	4	0	s01
.aaucacauuuccagggaauuaccacU.	1	1	s01
.aucacauuuccagggaauu.	2	0	s01
.aucacauuuccagggaaua.	2	0	s01
.aucacauuuccagggaauCc.	1	1	s01
.aucacauuuccagggaauuac.	4	0	s01
.aucacauuuccagggUuuacc.	1	1	s01
.aucacauuuccagggaauuacc.	112	0	s01
.aucacauuuccagggaGuacc.	1	1	s01
.aucacauuuccagggaauGcca.	3	1	s01
.aucacauuuccagggaauCcCa.	2	1	s01
.aucacauuuccagggCuuacca.	1	1	s01
.aucacauuuccagUgauuacca.	1	1	s01
.aucacauuuccagggaauuaccC.	1	1	s01
.aucacauuuccagggaauuaccU.	2	1	s01
.aucacauuuccagggaauuacca.	159	0	s01
.aucacauGgccagggaauuacca.	1	1	s01
.aucacauuuccagggaCuaccac.	1	1	s01
.aucacauuuccagggaauaGcac.	3	1	s01
.aucacauuuccagggaauacAac.	1	1	s01
.aucacauuGccagggaauuaccac.	1	1	s01
.aucacauuUccagggaauuaccac.	1	1	s01
.aucacauuuccagggaauuaccaA.	2	1	s01
.aucacGuuuccagggaauuaccac.	1	1	s01
.aucacauuuccagggGuuaccac.	1	1	s01
.aucacauGgccagggaauuaccac.	1	1	s01
.aucacauuuccagggaauuaccac.	271	0	s01
.aucacauuGAcagggaauuaccac.	1	1	s01
.aucacauuuccagggaauuaccaU.	2	1	s01
.aucacauuuccagggaauCcCa.	1	1	s01
.aucUcauuccagggaauuaccac.	1	1	s01
.aucacauuuccagUgauuaccac.	1	1	s01
.aucacauuuccagggUuuaccac.	2	1	s01
.aucacauuuccagggaauuaccaGc.	1	1	s01
.aucacauuuccCGgggaauuaccacc.	1	1	s01
.aucacauuuccagggaauaGcacc.	1	1	s01
.aucacauuuccagggaauuaccacA.	16	1	s01
.aucacauuuccagggaauuaccacc.	8	0	s01
.aucacauuuccagggaauuaccacU.	136	1	s01
.aucacauuuccagggaauuaccaccA.	1	1	s01
.ucacauuuccagggaauuacca.	2	0	s01
.ucacauuuccagggaauuaccac.	1	0	s01
.ucacauuuccagggaauuaccacA.	1	1	s01
.ucacauuuccagggaauuaccacU.	3	1	s01
.acauuuccagggaauuaccaA.	1	1	s01
.acauuuccagggaauuaccacA.	1	1	s01