



5' -		-3'	exp	
agacgacuaacucagaaccuggggucguuuaaaagccuacau	ggaucacgcuuuccaugau	ggacacguggaagauuuacagauugugucgau	uggaaaacaaaccguuuucuu	
((((((((..(((((...))))))))))))).((((((((.(((((((((.....))))))))).((((((((.....))))))))))	reads	mm	sample	
.....aUguggaagauuuacagauugugucgauugg.....	2	1	s72	
.....Auggaagauuuacagauugugucgau.....	2	1	s72	
.....Auggaagauuuacagauugugucgauugga.....	1	1	s72	
.....Auggaagauuuacagauugugucgauuggaa.....	1	1	s72	
.....uggaagauuuacagauugugucgauugg.....	1	0	s72	
.....aUguggaagauuuacagauugugucgauugg.....	4	1	s23	
.....Auggaagauuuacagauugugucgau.....	6	1	s23	
.....Auggaagauuuacagauugugucgauugga.....	3	1	s23	
.....Auggaagauuuacagauugugucgauuggaa.....	3	1	s23	
.....ggaagauuuacagauugugucgau.....	1	0	s23	
.....Auggaagauuuacagauugugucgau.....	6	1	s52	
.....Auggaagauuuacagauugugucgauugg.....	1	1	s52	
.....Auggaagauuuacagauugugucgauugga.....	1	1	s52	
.....Auggaagauuuacagauugugucgauuggaa.....	2	1	s52	
.....aUguggaagauuuacagauugugucgauugg.....	2	1	s13	
.....Auggaagauuuacagauugugucgau.....	13	1	s13	
.....Auggaagauuuacagauugugucgauugga.....	1	1	s13	
.....Auggaagauuuacagauugugucgauuggaa.....	1	1	s13	
.....uggaagauuuacagauugugucgau.....	2	0	s13	
.....uggaagauuuacagauugugucgauuggaa.....	1	0	s13	
.....Auggaagauuuacagauugugucgau.....	1	1	s09	
.....Auggaagauuuacagauugugucgau.....	3	1	s85	
.....Auggaagauuuacagauugugucgauugga.....	1	1	s85	
.....aUguggaagauuuacagauugugucgauugg.....	2	1	s35	
.....acguggaagauuuacagauugugucgauugg.....	1	0	s35	
.....Auggaagauuuacagauugugucgau.....	4	1	s35	
.....Auggaagauuuacagauugugucgauugga.....	1	1	s35	
.....Auggaagauuuacagauugugucgauuggaa.....	3	1	s35	

Star

Mature

agacgacuacucagaaccugggggucguuuaaaagccuacauggauacaagcuguuccaugaauggacacguggaagauuuacaguugugucgauuggaaaacaaaccguuuucu

.....aUguggaagauuuacaguugugucgauugg.....	1	1	s60
.....Auggaagauuuacaguugugucgau.....	6	1	s60
.....Auggaagauuuacaguugugucgauugg.....	2	1	s60
.....Auggaagauuuacaguugugucgauuggaa.....	2	1	s60
.....uggaagauuuacCguugugucgau.....	1	1	s60