

A G T A G C C C C G A C T C T T G T A C G G T C G G C A T C T G A G A C C A G T																														Reference											
sgRNA																																									
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	31.05% (1866 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	-	-	-	-	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	13.33% (801 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	C	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	9.75% (586 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	-	-	-	-	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	4.69% (282 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	T	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	2.21% (133 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	A	G	T	1.40% (84 reads)
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	-	-	-	-	-	-	-	A	T	C	T	G	A	G	A	C	C	A	G	T	1.36% (82 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	-	-	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	1.35% (81 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	A	G	A	C	C	A	G	T	1.26% (76 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	-	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	1.08% (65 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	-	-	-	-	-	-	-	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	1.08% (65 reads)	
A	G	T	A	G	C	C	C	C	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.97% (58 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	-	-	-	-	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.93% (56 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	-	-	-	-	-	-	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.78% (47 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	A	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	0.75% (45 reads)	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.75% (45 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	-	-	-	-	-	-	-	-	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.72% (43 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	-	C	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.70% (42 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	-	-	-	-	-	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.63% (38 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	0.57% (34 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	-	-	-	-	-	-	-	-	-	-	-	C	T	G	A	G	A	C	C	A	G	T	0.57% (34 reads)	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.48% (29 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	-	-	-	-	-	-	-	-	-	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.48% (29 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	C	A	T	C	T	T	G	G	T	C	G	G	C	A	T	C	T	G	A	G	0.47% (28 reads)	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	T	G	A	G	A	C	C	A	G	T	0.47% (28 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47% (28 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	-	-	-	-	-	-	-	-	-	T	G	A	G	A	C	C	A	G	T	0.43% (26 reads)		
A	G	T	A	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.42% (25 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40% (24 reads)		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	T	C	T	G	A	G	A	C	C	A	G	T	0.38% (23 reads)			
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	-	-	-	-	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.38% (23 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	-	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.37% (22 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	-	-	-	-	-	C	G	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	A	G	T	0.35% (21 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	-	-	-	-	-	-	-	-	T	C	T	G	A	G	A	C	C	A	G	T	0.35% (21 reads)		
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	G	T	A	C	A	A	G	A	G	T	C	G	G	C	A	T	C	T	G	A	G	A	C	C	0.33% (20 reads)	
A	G	T	A	G	C	C	C	C	G	A	C	T	C	T	T	-	-	-	C	G	G	T	C	G																	

**bold** Substitutions

Insertions

- Deletions

----- Predicted cleavage position