

G T G T T C A C T A G C A A C C T C A A A C A G A C A C C A T G G T G C A T C T - Reference
sgRNA

G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	A	C	A	G	A	C	A	C	C	A	T	G	G	T	G	C	A	T	C	T	-80.90% (20225 reads)		
G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	A	A	A	C	A	G	A	C	A	C	C	A	T	G	G	T	G	C	A	T	C	-5.03% (1257 reads)	
G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	A	A	C	A	G	A	C	A	C	C	A	T	G	G	T	G	C	A	C	C	-2.89% (723 reads)		
G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	A	A	A	C	A	G	A	C	A	C	C	A	T	G	G	T	G	C	A	C	C	-2.05% (512 reads)	
G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	A	A	A	C	A	G	A	C	A	C	C	A	T	G	G	T	G	C	A	T	T	-0.58% (144 reads)	
G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	-	-	C	A	G	A	C	A	C	C	A	T	G	G	T	G	C	A	T	C	T	-0.32% (81 reads)	
G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	A	A	C	A	G	G	C	A	C	C	A	T	G	G	T	G	C	A	T	C	T	-0.27% (67 reads)	
G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	A	A	C	A	G	A	C	A	C	C	A	T	G	G	C	G	C	A	T	C	T	-0.24% (60 reads)	
G	T	G	T	T	C	A	C	T	A	G	C	A	A	C	C	T	C	A	A	A	A	A	C	A	G	A	C	A	C	C	A	T	G	G	T	G	C	A	T	C	T	-0.22% (54 reads)
G	T	G	T	T	C	A	C	T	A	G	C	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	C	T	-0.20% (50 reads)		

bold Substitutions

Insertions

- Deletions

----- Predicted cleavage position