

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

## sgRNA

T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	A	T	A	G	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	76.14% (67410 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	G	A	T	A	G	G	G	A	C	A	A	G	A	C	A	A	A	T	T	G	C	-	2.44% (2160 reads)
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	-	A	T	A	G	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	0.71% (625 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	-	-	A	T	A	G	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	0.64% (563 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	-	-	-	-	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	0.45% (398 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	-	-	-	-	-	-	-	-	-	-	-	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	0.39% (348 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	-	T	A	G	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	0.33% (291 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	-	-	-	-	-	-	-	-	-	T	A	G	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	0.31% (272 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	-	-	-	-	-	-	-	-	-	-	-	-	A	C	A	A	T	T	G	C	A	-	0.30% (265 reads)
T	T	T	T	G	T	G	C	C	A	G	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	A	A	T	T	G	C	A	-	0.25% (225 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	A	T	A	A	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	0.25% (221 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	-	-	-	-	-	-	-	-	-	-	G	A	C	A	A	T	T	G	C	A	-	0.25% (219 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	-	-	-	-	-	-	-	-	-	-	-	-	C	A	A	T	T	G	C	A	-	0.24% (215 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	T	T	G	C	A	-	0.23% (204 reads)		
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	-	-	-	-	-	A	T	A	G	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	A	-	0.23% (200 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	C	G	A	A	T	A	G	G	G	A	C	A	A	G	A	C	A	A	T	T	G	C	-	0.21% (188 reads)	
T	T	T	T	G	T	G	C	C	A	G	A	G	T	C	C	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	C	A	-	0.21% (186 reads)	

## bold Substitutions

## Insertions

- Deletions

----- Predicted cleavage position