

G A G T A G G T G G A C T A T G C A G T C A A T G G A C G A A C T G C C G C T A - Reference																																									
sgRNA																																									
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 38.82% (10704 reads)	
A	G	T	T	A	G	G	T	G	G	A	C	T	C	T	G	C	A	G	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 34.77% (9587 reads)	
A	G	A	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 4.21% (1162 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	-	-	-	-	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 2.01% (553 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	-	-	-	-	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 1.95% (539 reads)
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	-	-	-	-	-	-	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 1.55% (427 reads)
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	-	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.90% (249 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	-	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.63% (174 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	-	-	-	-	-	-	-	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.62% (170 reads)
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	-	-	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.58% (160 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	-	-	-	-	-	-	-	-	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.45% (124 reads)
A	G	T	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.45% (123 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	C	T	G	C	A	G	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.39% (107 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	-	-	-	-	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.37% (101 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	T	-	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.36% (100 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	-	-	-	-	-	-	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.30% (83 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	-	-	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.28% (76 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	-	-	-	-	-	-	-	-	-	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.27% (74 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	T	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	- 0.26% (73 reads)	
A	G	A	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	T	C	A	A	T	G	G	A	C	G	A	A	C	T	T	C	C	G	C	T	A	- 0.24% (67 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	T	-	-	-	-	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.24% (66 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	-	-	-	-	-	-	-	-	-	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.23% (64 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	-	-	-	-	-	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.21% (59 reads)	
G	A	G	T	A	G	G	T	G	G	A	C	-	-	-	-	-	-	-	-	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	- 0.21% (57 reads)	

**bold**

Substitutions

Insertions

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Deletions

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Predicted cleavage position