

TGCGGCGCAAGACTTGAGCATGTGATGGCAAGGAAGGAAGG-Reference

Guessed sgRNA

T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	43.22% (102 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	T	G	A	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	22.46% (53 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	G	-	-	-	-	-	-	-	-	-	A	G	G	A	A	A	G	G	A	A	G	-	3.39% (8 reads)		
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	-	-	-	-	-	-	-	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	2.54% (6 reads)		
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	-	-	-	-	-	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	2.12% (5 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	-	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	1.69% (4 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	G	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	A	G	G	A	A	-	1.69% (4 reads)
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	-	-	-	-	-	-	-	-	-	A	A	G	G	A	A	A	G	G	A	A	G	-	1.27% (3 reads)		
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	-	-	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	1.27% (3 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	T	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	A	G	G	A	A	-	1.27% (3 reads)
T	G	G	G	G	C	C	C	A	G	A	C	T	G	-	-	-	-	-	-	-	-	-	-	-	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	0.85% (2 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	-	-	-	-	-	-	A	G	A	G	G	A	A	A	G	G	A	A	G	-	0.85% (2 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	G	A	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	0.85% (2 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	C	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	A	G	G	A	A	-	0.85% (2 reads)
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	T	T	G	A	T	G	G	C	A	A	A	G	G	A	A	A	A	G	G	A	A	-	0.85% (2 reads)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42% (1 reads)		
T	G	G	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42% (1 reads)		
T	G	G	G	G	C	C	C	A	G	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	-	-	-	-	-	-	-	-	-	-	-	-	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	-	-	-	-	-	-	T	G	A	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	-	-	-	-	-	-	-	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)		
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	-	-	-	-	-	-	-	-	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)		
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	-	-	-	-	T	G	A	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	-	-	-	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	-	-	-	G	A	T	G	G	-	-	-	-	-	-	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	-	-	T	G	A	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	-	G	T	G	A	T	G	G	C	T	G	A	G	G	A	A	A	A	G	G	A	A	G	-	0.42% (1 reads)
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	A	T	CCTCCTATCTGACATATCTGA																			-	0.42% (1 reads)		
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	-	-	-	-	-	-	-	-	-	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)		
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	-	-	-	-	-	-	-	-	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	-	-	-	-	-	-	-	-	C	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	-	A	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	-	A	T	G	G	C	A	G	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	-	G	A	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	A	C	G	T	G	A	T	G	G	C	A	A	A	G	G	A	A	A	G	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	A	T	G	A	T	G	G	C	A	G	A	G	G	A	A	A	A	G	G	A	A	-	0.42% (1 reads)
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	G	G	A	T	G	G	C	A	A	A	G	G	A	A	A	G	G	A	A	G	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	G	T	C	T	T	T	G	T	A	G	T	C	G	C	T	C	G	A	G	A	-	0.42% (1 reads)	
T	G	G	G	G	C	C	C	A	G	A	C	T	G	A	G	C	A	C	G	G	T	G	A	T																		

bold Substitutions

Insertions

- Deletions

----- Predicted cleavage position