

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

sgRNA

C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-47.00% (47 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	-4.00% (4 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	-4.00% (4 reads)
A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	T	G	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-3.00% (3 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	A	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	-3.00% (3 reads)
A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	A	G	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-2.00% (2 reads)
A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	G	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-2.00% (2 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	-2.00% (2 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	G	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	-2.00% (2 reads)
A	T	C	C	C	T	T	C	T	G	C	A	T	C	A	T	G	A	G	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-1.00% (1 reads)
A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	C	G	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-1.00% (1 reads)
A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	A	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-1.00% (1 reads)
A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	G	C	A	C	C	T	G	G	T	T	C	G	C	T	T	T	T	C	C	G	A	G	-1.00% (1 reads)
A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	T	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	C	G	C	A	G	C	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	C	C	A	G	C	G	A	A	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	A	A	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	A	G	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	A	G	A	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	C	C	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	G	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	A	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T	C	C	G	-1.00% (1 reads)
C	A	T	G	G	A	A	T	C	C	C	T	T	C	T	G	C	A	G	C	A	C	T	G	C	T	G	G	A	T	C	G	C	T	T	T	T				

bold Substitutions

Insertions

- Deletions

----- Predicted cleavage position