

A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	Reference
sgRNA																																									
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	60.56% (46839 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	-	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	8.60% (6652 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	<b>G</b>	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	1.23% (950 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	<b>C</b>	A	A	G	C	A	A	A	C	T	A	G	G	-	1.17% (908 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	-	-	-	-	-	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	1.04% (801 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	-	-	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.95% (731 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	-	-	-	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.74% (569 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	<b>T</b>	C	T	A	G	G	-	0.70% (545 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	<b>C</b>	A	C	T	A	G	G	-	0.61% (475 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	<b>G</b>	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.55% (425 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	<b>C</b>	G	G	-	0.45% (345 reads)
A	G	T	T	A	A	T	C	C	A	G	A	<b>C</b>	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.44% (343 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	-	-	-	-	-	-	-	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.43% (332 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	<b>T</b>	G	C	A	A	A	C	T	A	G	G	-	0.36% (282 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	<b>T</b>	A	A	C	T	A	G	G	-	0.33% (257 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	<b>G</b>	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.32% (247 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	-	-	-	-	-	-	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.30% (230 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	-	G	G	T	T	G	G	A	<b>C</b>	A	A	G	C	A	A	A	C	T	A	G	G	-	0.28% (214 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	<b>G</b>	G	C	A	A	A	C	T	A	G	G	-	0.25% (197 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	<b>T</b>	G	-	0.25% (197 reads)
-	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.22% (170 reads)
A	G	T	T	A	A	T	<b>A</b>	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.22% (170 reads)
<b>G</b>	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.22% (169 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	T	T	<b>T</b>	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	-	0.21% (166 reads)
A	G	T	T	A	A	T	C	C	A	G	A	A	G	A	G	T	C	<b>G</b>	T	G	G	T	T	G	G	A	A	A	A	G	C	A	A	A	C	T	A	G	G	-	0.21% (163 reads)

**bold** Substitutions

Insertions

- Deletions

----- Predicted cleavage position