

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	-Reference
sgRNA																																								
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	-60.12% (10412 reads)
A	G	A	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	-3.93% (680 reads)
A	G	A	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	-3.90% (676 reads)
A	G	A	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	-3.87% (670 reads)
A	G	A	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	-2.48% (429 reads)
A	G	A	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	-1.44% (250 reads)
A	G	A	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	-1.28% (222 reads)
A	G	A	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	-1.26% (218 reads)
A	G	A	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	-0.81% (140 reads)
A	G	A	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	-0.76% (131 reads)
A	G	A	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	-0.74% (129 reads)
A	G	A	T	A	G	G	T	G	G	A	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	A	A	C	T	G	C	C	G	C	T	A	-0.61% (106 reads)
A	G	A	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	-0.59% (102 reads)
A	G	A	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	-0.55% (96 reads)
A	G	A	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	-0.49% (84 reads)
A	G	A	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	-0.38% (66 reads)
A	G	A	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	-0.35% (61 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	A	-	-	-	-	-	-	-	-	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	-0.34% (59 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	A	T	G	-	-	-	T	C	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	-0.33% (58 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	A	T	G	-	-	-	-	-	-	-	-	-	A	C	G	A	A	C	T	G	C	C	G	C	T	A	-0.32% (55 reads)	
A	G	A	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	-0.31% (54 reads)
A	G	A	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	-0.29% (50 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	A	-	-	-	-	-	-	-	A	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	-0.27% (46 reads)
A	G	A	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	-0.25% (44 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	G	C	G	A	A	C	T	G	C	C	G	C	T	A	-0.25% (44 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	A	T	G	-	-	-	-	-	-	A	T	G	G	A	C	G	A	A	C	T	G	C	C	G	C	T	A	-0.21% (36 reads)

bold

Substitutions

Insertions

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Deletions

Predicted cleavage position