

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	-	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	T	C	C	G	C	T	A	-	38.96% (3969 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	T	C	C	G	C	T	A	-	5.99% (610 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	T	C	C	G	C	T	A	-	5.83% (594 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	T	C	C	G	C	T	A	-	4.94% (503 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	T	C	C	G	C	T	A	-	2.59% (264 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	T	C	C	G	C	T	A	-	2.50% (255 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	-	2.18% (222 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	T	C	C	G	C	T	A	-	2.11% (215 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	T	C	C	G	C	T	A	-	1.31% (133 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	T	C	C	G	C	T	A	-	1.19% (121 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	T	C	C	G	C	T	A	-	1.12% (114 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	T	C	C	G	C	T	A	-	1.07% (109 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	T	C	C	G	C	T	A	-	0.96% (98 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	T	C	C	G	C	T	A	-	0.90% (92 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	T	C	C	G	C	T	A	-	0.80% (81 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	T	C	C	G	C	T	A	-	0.68% (69 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	T	C	C	G	C	T	A	-	0.68% (69 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	T	C	C	G	C	T	A	-	0.67% (68 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	T	C	C	G	C	T	A	-	0.64% (65 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	T	C	C	G	C	T	A	-	0.57% (58 reads)
A	G	A	T	A	G	G	T	G	G	A	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	A	A	C	T	T	C	C	G	C	T	A	-	0.47% (48 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	G	T	C	C	G	C	T	A	-	0.46% (47 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	T	C	C	G	C	T	-	0.36% (37 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	A	T	G	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	A	-	0.36% (37 reads)
A	G	A	T	A	G	G	T	G	G	-	-	-	-	-	-	-	-	-	T	C	A	A	T	G	G	A	C	G	A	A	C	T	T	C	C	G	C	T	A	-	0.27% (28 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	G	-	-	-	-	-	-	C	A	A	T	G	G	A	C	G	A	A	C	T	T	C	C	G	C	T	A	-	0.27% (27 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	T	C	C	G	C	T	A	-	0.26% (26 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	T	C	C	G	C	T	A	-	0.26% (26 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	T	C	C	G	C	T	A	-	0.25% (25 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	A	T	G	C	A	G	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24% (24 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	-	0.24% (24 reads)
A	G	A	T	A	G	G	T	G	G	A	C	T	A	T	G	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23% (23 reads)
A	G	A	T	A	G	G	T	G	G	A	-	-	-	-	-	-	-	-	-	-	-	A	T	G	G	A	C	G	A	A	C	T	T	C	C	G	C	T	A	-	0.22% (22 reads)

bold Substitutions

Insertions

- Deletions

----- Predicted cleavage position