

T T A G T T T T C T C G C A C T T A A G C T C T G G T T C G G A C A G A A A T A																														Reference												
sgRNA																																										
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	G	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	60.38% (32351 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	-	-	-	-	-	-	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	10.16% (5444 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	-	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	3.48% (1866 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	-	-	-	-	-	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	2.28% (1220 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	G	-	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	1.77% (946 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	-	-	-	-	-	-	-	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	1.65% (882 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	-	-	-	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	1.55% (830 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	-	-	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	1.42% (763 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	-	-	-	-	-	-	-	-	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.74% (398 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	G	A	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.70% (376 reads)	
T	T	A	G	T	T	T	T	C	T	C	G	C	-	-	-	-	-	-	-	-	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.66% (355 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58% (310 reads)		
T	T	A	G	T	T	T	T	C	T	C	-	-	-	-	-	-	-	-	-	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.49% (264 reads)		
T	T	A	G	T	T	T	T	C	T	C	-	-	-	-	-	-	-	-	-	-	-	-	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.36% (195 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	G	T	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.35% (190 reads)	
T	T	A	G	T	T	T	T	C	T	C	T	C	A	C	T	T	A	A	G	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.29% (156 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	G	C	T	C	T	G	G	T	T	C	T	G	A	C	A	G	A	A	A	T	A	0.24% (129 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	G	-	-	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.22% (117 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	-	-	-	-	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.22% (116 reads)		
T	T	A	G	T	T	T	T	C	T	C	-	-	-	-	-	-	-	-	-	-	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.21% (115 reads)		
T	T	A	G	T	T	T	T	C	T	C	G	C	A	C	T	T	A	A	G	-	-	-	-	-	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.21% (111 reads)		
T	T	A	G	T	C	T	T	C	T	C	G	C	A	C	T	T	A	A	G	C	T	C	T	G	G	T	T	C	G	G	A	C	A	G	A	A	A	T	A	0.21% (110 reads)		

**bold**

Substitutions

Insertions

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Deletions

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Predicted cleavage position