


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

G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	G	G	G	C	A	C	C	A	T	T	T	A	C	T	-	80.73% (182241 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	A	A	A	A	A	A	T	G	G	G	C	A	C	C	A	T	T	T	A	C	T	-	3.62% (8176 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	A	G	G	C	A	C	C	A	T	T	T	A	C	T	-	3.38% (7625 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	A	A	G	C	A	C	C	A	T	T	T	A	C	T	-	1.17% (2645 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	T	G	G	C	A	C	C	A	T	T	T	A	C	T	-	1.16% (2619 reads)
T	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	G	G	G	C	A	C	C	A	T	T	T	A	C	T	-	1.07% (2425 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	G	A	G	C	A	C	C	A	T	T	T	A	C	T	-	0.96% (2159 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	G	G	G	A	A	C	C	A	T	T	T	A	C	T	-	0.71% (1600 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	G	T	G	C	A	C	C	A	T	T	T	A	C	T	-	0.58% (1318 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	A	A	A	A	A	A	T	A	G	G	C	A	C	C	A	T	T	T	A	C	T	-	0.49% (1107 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	A	A	A	A	A	A	T	A	A	G	C	A	C	C	A	T	T	T	A	C	T	-	0.46% (1041 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	G	G	A	C	A	C	C	A	T	T	T	A	C	T	-	0.29% (665 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	A	G	G	G	C	A	C	C	A	T	T	T	A	C	T	-	0.25% (567 reads)
G	G	A	T	C	G	T	C	C	T	T	T	G	T	A	C	G	C	C	G	A	A	A	A	A	T	G	G	G	C	A	C	T	A	T	T	T	A	C	T	-	0.20% (456 reads)

bold Substitutions

 Insertions

- Deletions