

G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	G	C	G	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	Reference	
sgRNA																																									
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	G	-	-	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	18.61% (1542 reads)	
G	A	G	G	C	A	G	A	G	A	G	A	C	C	G	G	G	C	C	G	C	T	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	10.54% (873 reads)	
G	A	G	G	C	G	A	A	G	A	G	A	C	C	G	G	G	C	C	G	C	T	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	9.12% (756 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	-	-	-	-	-	-	-	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	6.17% (511 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	G	C	T	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	5.53% (458 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	-	-	-	-	-	-	-	-	-	A	A	G	G	A	A	A	G	G	T	A	C	3.92% (325 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	G	C	G	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	3.73% (309 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	-	C	G	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	3.58% (297 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	G	G	C	G	G	A	G	G	C	C	A	A	G	G	A	A	A	A	G	G	T	A	3.10% (257 reads)
G	A	G	G	C	G	A	A	G	A	G	A	C	C	G	G	G	C	C	-	-	-	-	-	-	-	-	-	A	A	G	G	A	A	A	G	G	T	A	C	2.38% (197 reads)	
G	A	G	G	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	A	A	G	G	A	A	A	G	G	T	A	C	1.58% (131 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.53% (127 reads)		
G	A	G	G	C	A	G	A	G	A	G	A	C	C	G	G	G	C	C	-	-	-	-	-	-	-	-	-	A	A	G	G	A	A	A	G	G	T	A	C	1.40% (116 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	-	-	-	G	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	1.32% (109 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	-	-	-	-	-	-	-	-	-	-	-	-	-	A	G	G	A	A	A	G	G	T	A	C	1.30% (108 reads)		
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	G	-	G	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	1.28% (106 reads)	
G	A	G	G	C	G	A	A	G	A	G	A	C	T	G	-	-	-	-	-	-	-	-	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	1.19% (99 reads)	
G	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	G	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.93% (77 reads)	
G	A	G	G	C	A	G	A	G	A	G	A	C	C	G	G	G	C	C	G	-	-	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.68% (56 reads)	
G	A	G	G	C	G	A	A	G	A	G	A	C	C	G	G	G	C	C	G	-	-	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.53% (44 reads)	
G	A	G	G	C	A	G	A	G	A	G	A	C	C	G	G	G	C	C	-	C	T	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.48% (40 reads)	
G	A	G	G	C	A	G	A	G	A	G	A	C	T	G	-	-	-	-	-	-	-	-	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.47% (39 reads)	
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	G	-	-	-	-	-	-	-	-	A	G	G	A	A	A	G	G	T	A	C	0.47% (39 reads)		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.46% (38 reads)	
G	A	G	G	C	G	A	A	G	A	G	A	C	C	G	G	G	C	G	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	C	T	C	0.46% (38 reads)	
G	A	G	G	C	A	G	A	G	A	G	A	C	C	G	G	G	C	C	T	-	-	G	A	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.43% (36 reads)	
G	A	G	G	C	A	G	A	G	A	G	-	-	-	-	-	-	-	-	-	-	-	-	-	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.39% (32 reads)		
G	A	G	G	C	A	G	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	G	G	A	A	A	G	G	T	A	C	0.37% (31 reads)		
G	A	G	G	C	A	A	A	G	A	G	A	C	C	G	G	G	C	C	G	C	G	G	G	A	A	G	A	G	G	C	C	A	A	G	G	A	A	A	G	0.37% (31 reads)	
G	A	G	G	C	A	A	A	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G	G	C	C	A	A	G	G	A	A	A	G	G	T	A	C	0.36% (30 reads)		
G	A	G	G	C	A	A	A	G	A	G	A</																														