

A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- Reference	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 41.53% (2049 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 10.11% (499 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	-	-	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 6.26% (309 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	-	-	-	-	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 5.98% (295 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	A	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	- 3.95% (195 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	C	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	- 3.77% (186 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	-	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 2.31% (114 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 1.56% (77 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	T	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	- 1.22% (60 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	-	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 1.13% (56 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	-	-	-	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 1.09% (54 reads)	
A	A	C	A	G	A	T	C	T	C	-	-	-	-	-	-	-	-	-	-	-	-	-	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 1.05% (52 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	-	-	-	-	-	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.95% (47 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	G	C	T	A	- 0.75% (37 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	-	-	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.63% (31 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	-	-	-	-	-	-	-	-	-	-	-	-	-	T	G	A	A	T	G	T	C	G	C	T	A	- 0.53% (26 reads)		
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	C	T	-	-	-	-	-	-	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.51% (25 reads)
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	C	-	-	-	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.49% (24 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	-	-	-	-	-	-	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.39% (19 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	-	-	-	-	-	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.30% (15 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	-	-	-	-	-	-	-	G	A	A	T	G	T	C	G	C	T	A	- 0.26% (13 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	-	-	-	-	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.24% (12 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	-	-	-	-	-	-	-	-	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.24% (12 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	G	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	- 0.24% (12 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	-	-	-	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.24% (12 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	-	-	-	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.22% (11 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	-	-	-	-	C	T	C	T	G	T	T	A	T	G	A	A	T	G	T	C	G	C	T	A	- 0.22% (11 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	T	-	-	-	-	-	-	-	-	-	-	A	A	T	G	T	C	G	C	T	A	- 0.22% (11 reads)	
A	A	C	A	G	A	T	C	T	C	G	T	T	A	C	C	A	T	G	-	-	-	-	-	-	-	-	-	-	-	A	A	T	G	T	C	G	C	T	A	- 0.20% (10 reads)	

**bold**
Substitutions

Insertions

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Deletions

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Predicted cleavage position