

Table S1. Types of variants with moderate or high impact according to SnpEff [32].

Moderate Impact Variants	High Impact Variants
inframe insertion	exon loss variant
disruptive inframe insertion	duplication
inframe deletion	inversion
disruptive inframe deletion	frameshift
missense	feature ablation
splice region variant	gene fusion
3 prime UTR truncation + exon loss	bidirectional gene fusion
5 prime UTR truncation + exon loss variant	rearranged at DNA level
Sequence feature + exon loss variant	protein-protein contact
	structural interaction variant
	rare amino acid variant
	splice acceptor variant
	splice donor variant
	stop lost
	start lost
	stop gained

Source: Cingolani, P. SnpEff & SnpSift Documentation. Available online: http://pcingola.github.io/SnpEff/ss_casecontrol/ (accessed on 08/10/2021)