

Table 8. Result of selected pathogenic nsSNPs according to all prediction tools used.

TOOLS Mutation		SIFT		PolyPhen		SNAP2		PROVEAN		MutPred2		SNPs&GO		PHD-SNP		Consurf		I-Mutant		Mu-Pro		SAAFEC-SEQ		CLICK		Cumulative score
		P	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	
rs375095163	E308K	1	0	1	0.999	1	37	1	-3.281	1	0.882	1	0	1	7	1	9	1	-0.55	1	-0.78	1	-0.27	1	0.39	12
rs52804924	P299L	1	0	1	1	1	64	1	-9.027	1	0.839	1	2	1	7	1	9	1	-0.95	1	-0.40	1	-0.43	1	0.27	12
rs760199460	D298H	1	0	1	0.999	1	69	1	-6.188	1	0.874	1	1	1	5	1	9	1	-0.73	1	-1.55	1	-0.20	1	0.55	12
rs1057517991	C271R	1	0	1	1	1	78	1	-11.629	1	0.952	1	1	1	9	1	9	1	-0.52	1	-0.63	1	-1.08	1	0.55	12
rs1435358988	P260L	1	0	1	1	1	74	1	-9.700	1	0.843	1	2	1	8	1	9	1	-0.90	1	-1.04	1	-1.21	1	0.24	12
rs1333658154	T246N	1	0	1	0.999	1	61	1	-4.899	1	0.885	1	0	1	7	1	9	1	-1.03	1	-0.06	1	-0.23	1	0.52	12
rs868309222	G243R	1	0	1	0.999	1	87	1	-7.813	1	0.956	1	1	1	7	1	8	1	-0.49	1	-1.19	1	-0.37	1	0.59	12
rs1191554117	C196Y	1	0	1	1	1	90	1	-9.587	1	0.914	1	2	1	5	1	8	1	-1.76	1	-0.61	1	-0.30	1	0.55	12
rs1159323398	W174C	1	0	1	0.998	1	66	1	-12.394	1	0.946	1	3	1	8	1	9	1	-0.69	1	-1.19	1	-1.03	1	0.64	12
rs768916374	Y157S	1	0	1	1	1	88	1	-8.844	1	0.915	1	2	1	8	1	9	1	-1.05	1	-0.46	1	-0.70	1	0.55	12
rs766665118	T150I	1	0	1	1	1	45	1	-5.376	1	0.834	1	3	1	6	1	9	1	-2.53	1	-1.44	1	-1.84	1	0.52	12
rs768806551	D126Y	1	0	1	1	1	83	1	-8.860	1	0.925	1	1	1	5	1	9	1	-1.91	1	-0.77	1	-0.25	1	0.40	12
rs1598932350	D90G	1	0	1	1	1	91	1	-6.681	1	0.918	1	1	1	7	1	9	1	-3.27	1	-1.84	1	-0.44	1	0.48	12

S: Score; P: Prediction. The values in P: 0 indicates neutral; 1 indicated damaged.