



Exon	First coding nt	Last coding nt	Exon length (nts)	Exon in frame or out	PVS1 Strength for skipping	Rationale
1	1	62	62	Out of frame	PVS1	Fs, PTC, NMD
2	63	138	76	Out of frame	PVS1	Fs, PTC, NMD
3	139	204	66	In frame	PVS1_ Moderate	33 amino acids, ~3.4% of total
4	205	277	73	Out of frame	PVS1	Fs, PTC, NMD
5	278	342	65	Out of frame	PVS1	Fs, PTC, NMD
6	343	477	135	In frame	PVS1_ Moderate	45 amino acids, ~6.9% of total
7	478	622	145	Out of frame	PVS1	Fs, PTC, NMD
8	623	752	130	Out of frame	PVS1	Fs, PTC, NMD
9	753	878	126	In frame	PVS1_ Moderate	42 amino acids, ~6.4% of total
10	879	1077	199	Out of frame	PVS1	Fs, PTC, NMD
11	1078	1182	105	In frame	PVS1_ Moderate	35 amino acids, ~5.3% of total
12	1183	1269	87	In frame	PVS1_ Moderate	29 amino acids, ~4.4% of total
13	1270	1332	63	In frame	PVS1_ Moderate	21 amino acids, ~3.2% of total
14	1333	1434	102	In frame	PVS1_ Moderate	34 amino acids, 5.2% of total
15	1435	1532	98	Out of frame	PVS1	Fs, PTC, NMD
16	1533	1605	73	Out of frame	PVS1	Fs, PTC, NMD
17	1606	1678	73	Out of frame	PVS1	Fs, PTC, NMD
18	1679	1751	73	Out of frame	PVS1	Fs, PTC, NMD
19	1752	1827	76	Out of frame	PVS1	Fs, PTC, NMD
20	1828	1968	141	In frame	PVS1_ Moderate	7 amino acids, ~7.2% of total

Abbreviations: Fs=frameshift, PTC=premature termination codon, NMD=nonsense mediated decay, nt=nucleotide, nts=nucleotides