



Base Pair Location	Original Codon	Mutant Codon	Resulting Amino Acid Mutation
500	CGG	CAG	R167N
817	GAG	AAG	E273K
758	CGT	CAT	R253H
788	TGT	TAT	C263Y
907	GAG	AAG	E306K
1270	CAC	TAC	H424Y
1275	ATG	ATA	M425I
1289	AGT	AAT	S430N
316	GGC	AGC	G106S
1447	CTT	TTT	L483F
190	CCC	TCC	P64S
1478	ACA	ATA	T493I
1487	CCA	CAA	P496Q
1832	AGA	AAA	R611K

Supplemental Figure S2