

## Supplementary Table 1

**Supplementary Table I.** PCR primer sequences used in site-directed mutagenesis.

Mutations	Primer sequences
T193L	GGCTGTGTTAGACTGCCGTCCTTAAGTTATAAATG CATTTATAACTTAAGGACGGCAGTCTAACACAGCC
Q215F	CTAATTACTCGAGGTTGCGCGGATATAGGAAAATCATATCAAG CTTGATATGATTTTCCTATATCCGCGCAACCTCGAGTAATTAG
D275N/ R277T	CGACTCCCAAAGTTAATGAAACTTCAGATTATGCATC GATGCATAATCTGAAGTTTCATTAACCTTGGGAGTCG
F372L	CATAGTCCCTGGCTTTCAGACAGAAGGATG CATCCTTCTGTCTGAAAGCCAGGGACTATG
S408A	GACAAAATTACTGGGGGGCTGAAGGAAGGC GCCTTCCTTCAGCCCCCAGTAATTTTGTC
T426S	CTATATATATAACAAGATCTAGCAGTTGGCATAGCAAGTTAC GTAACCTGCTATGCCAACTGCTAGATCTTGTATATATATAG
T475S	CCAGATGGATGTATATCAGGAGTATATACTG CAGTATATACTCTGATATACATCCATCTGG
G529A	CAAAACACTCTCAGCTGCATATACAACAACGAGC GCTCGTTGTTGTATATGCAGCTGAGAGTGTTTTG