**Table S1. Primer sequences for mutagenesis PCR**

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| **Mutation** | **Sequence** |  |
| E122K | GGTCCCGCATCGCCTTCACTAAGCACGAGCGGCGCCGGCAC | F |
|  | GTGCCGGCGCCGCTCGTGCTTAGTGAAGGCGATGCGGGACC | R |
| S269W | CATCTCGCTGCTGCTGTGCCTGTGGGGCATGTTCAGCGGCCTCAAC | F |
|  | GTTGAGGCCGCTGAACATGCCCCACAGGCACAGCAGCAGCGAGATG | R |
| L330F | GTACTGGTCAACACCACGTTCACCATCCTGCTGGACGAC | F |
|  | GTCGTCCAGCAGGATGGTGAACGTGGTGTTGACCAGTAC | R |
| E357K | GGCATCGTCATCTTCGGAAAAATCGTGCCCCAAGCCATC | F |
|  | GATGGCTTGGGGCACGATTTTTCCGAAGATGACGATGCC | R |