**Supplementary Table 1. Primers used in this study to generate point mutations.**

|  |  |  |
| --- | --- | --- |
| Name | Primer-Forward | Primer-Reverse |
| Y745F | CGTGGTCTTCTTCATCGCCTTCCTCCTGCTGTTTGCCT | GGAAGGCGATGAAGAAGACCACGTTCCAGGAGAAGACC |
| D802I | GAACGTTATGATCACCCTGGGACTCTTCTACTTCATAG | GTCCCAGGGTGATCATAACGTTCCATAGGTCGGTGAAA |
| Y836A | CTGTCTGGATGCCATTATATTCACGCTAAGGCTCATCCAC | GAATATAATGGCATCCAGACAGAAAATGACGCGC |
| R842K | ATTCACGCTAAAGCTCATCCACATTTTCACCGTCAGCA | TGTGGATGAGCTTTAGCGTGAATATAATGTAATCCAGA |
| I846V | GCTCATCCACGTTTTCACCGTCAGCAGGAACTTGGGAC | TGACGGTGAAAACGTGGATGAGCCTTAGCGTGAATATA |