**Table S-1.** PCR primers used for site-directed mutagenesis of POR cDNAs

|  |  |
| --- | --- |
| Mutations | Primers(F, forward; R, reverse) |
| K49N  | **F:** ttcctcttcagaaaCaaaaaagaagaagtc**R:** gacttcttcttttttGtttctgaagaggaa |
| A115V  | **F:** gaggcatgtcagTggaccctgagg**R:** cctcagggtccActgacatgcctc |
| Y181D | **F:** ggaacaagaccGacgagcacttc**R:** gaagtgctcgtCggtcttgttcc |
| S244C | **F:** ggcgaggagtccTgcattcgccagtac**R:** gtactggcgaatgcAggactcctcgcc |
| A287P | **F:** gaatccgttcctgCctgcagtcaccac**R:** gtggtgactgcagGcaggaacggattc |
| G413S | **F:** cctcctcctccAgcgagggcaaggagc**R:** gctccttgccctcgcTggaggaggagg |