### Additional file 1: PCR primers for RFLP analyses

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| *Pfmdr-1* 86 & 184  1st round | MDR-A1: 5’TGTTGAAAGATGGGTAAAGAGCAGAAAGAG3’  MDR-A3: 5’TACTTTCTTATTACATATGACACCACAAACA3’ |
| *Pfmdr-1* 86 & 184  2nd round | MDR-A4: 5’AAAGATGGTAACCTCAGTATCAAAGAAGAG3’  MDR-A2: 5’GTCAAACGT GCA TTTTTTATTAATGACCAT TTA3’ |
| *Pfmdr-1* 1034, 1042 & 1246  1st round | MDR-01: 5’AGAAGATTATTTCTGTAATTTGATACAAAAAGC3’  MDR-02: 5’ATGATTCGATAAATTCATCTATAGCAGCAA3’ |
| *Pfmdr-1* 1246  2nd round | 1246F: 5’ATGATCACATTATATTAAAAAATGATATGACAAAT3’  MDR-02: 5’ATGATTCGATAAATTCATCTATAGCAGCAA3’ |
| Pfcrt 76  1st round | 76-A: 5’GCG CGCGCATGGCTCACGTTTAGGTGGAG3'  76-B: 5'GGGCCCGGCGGATGTTACAAAACTATAGTTACC3' |
| Pfcrt 76  2nd round | CQR-A: 5’TGTGCTCATGTGTTTAAACTT3’  CQR-B: 5’CAAAACTATAGTTACCAATTTTG3’ |