

**Supplementary Table S4.** Primers used in this study.

Primer	Oligonucleotide sequence (5' → 3')	Description	Lab name
p1	ccttcgattgtttccttctttaAcatttgataatttaataaccagc	SDM PfCRT S326N F	p1765
p2	GCTGGTTATTAAATTATCACAAATGTTAAAGAAGGAAAACAATGCGAAGG	SDM PfCRT S326N F	p1766
p3	GTTAGTTGTATACAAGGTCCAGCAATAGCAATTGCTTATTAC	SDM PfCRT T356I F	p5633
p4	GTAATAAGCAATTGCTATTGCTGGACCTTGTATACAACACTAAC	SDM PfCRT T356I R	p5634
p5	TCAAACATGACAAGGGAAATAGT	<i>pfcr</i> t exon 5 F	p2427
p6	CCAAGAATAAACATGCGAAACC	<i>pfcr</i> t exon 7 R	p3806
p7	CTTGAATTTCGACCTTAACAGATGGCTCAC	<i>pfcr</i> t exon 2 F	p3264
p8	CTTATCGATAAGCAGAAGAACATATTAATAGGAATACTTAATTG	<i>pfcr</i> t exon 3 R	p3265
p9	CTTGGGCCCAAGTTGTAAGTCTTCTAAGC	<i>pfcr</i> t gDNA 5' UTR F	p3404
p10	CTCGAGATGGTTGGTTCGCTAAACTGC	<i>hDHFR</i> F	p3315
p11	TTGACCCTTATATATTCCACCCA	<i>pfcr</i> t gDNA 3' UTR R	p3403
p12	GAGGCGCCTATTTCAAAAATCTTAGCATAAGGATT	<i>pbcr</i> t 3' UTR R	p1644

SDM, site-directed mutagenesis; F, forward; R, reverse; gDNA, genomic DNA; *pbcr*t, *P. berghei* chloroquine resistance transporter; UTR, untranslated region.