

Supplementary Figure S1. Models of constant positive selection do not fit the temporal pattern of allele frequency change at chloroquine resistance loci. Allele frequencies (with 95%CI) of the resistance alleles of genes crt (codon 76T) are shown on the top row, and mdr1 (codon 86Y) on the bottom row, plotted on a time scale assuming 2 parasite life cycle generations per year (50 generations from 1984 to 2008). Models of constant positive selection are shown with dashed lines for selection coefficients of s = 0.10 (left column) and s = 0.13 (right column).