



Additional file 4. Association between percent survival RSA_{0-3h} and clearance time. Correlation between clearance time on the x-axis and percent survival RSA_{0-3h} on the y-axis. Each dot represents an isolate. Samples represented by color were used for *in vitro* drug testing and for *pfmdr1* copy number variation determination—green for ART sensitive; blue for discordant; and red for ART resistant parasites. The grey dot marks the isolate with an E270K mutation. The dotted lines represent the cut off used to discriminate between resistant and sensitive parasites (1% for RSA_{0-3h}, 4 or 5% for clearance).