Supplementary Figure S1

Optimal probe melting temperature is consistent in exons, introns, and intergenic regions

Mean $D_{score}$ is plotted by probe melting temperature in exons, introns, and intergenic regions; vertical lines indicate 95% confidence intervals. Probes with an approximately 66°C melting temperature consistently provided the best performance.
Supplementary Figure S2

CGH data reproducibility

CGH scatterplots for individual CNV events are displayed for replicate hybridizations from independent labeling reactions demonstrating data reproducibility. CNV events from three separate parasite clones are displayed: (A) Dd2; (B) HB3; (C) SC05. The CNV breakpoints are precisely identified between hybridizations.
Supplementary Figure S3

CNV detection in a WGA field sample

CGH scatterplot for a CNV event detected in a WGA field sample, M1064. Four genes (PFE1150w, PFE1155c, PFE1160w, and PFE1165c) are affected by this CNV including the *P. falciparum* multidrug resistance gene, *pfmdr1*.