Average normalized signals from replicates for each parasite

Signal ratio relative to that of 3D7

Compare predicted calls under different conditions with known SNP to derive calling parameters

Sequencing verification

ROC curve and Z-score

Segmentation and copy number analyses: minimum number of probes 15; P-value 0.00001; signal/noise ratio 0.5; segment size ≥ 300 bp and mean ratios > 1.5 fold

Call SFP: signal cutoff ratio 5, 3-23 position, remove probes with low/high GC, remove calls with single probe and with probe call ratio < 75%

Tabulate and plot results