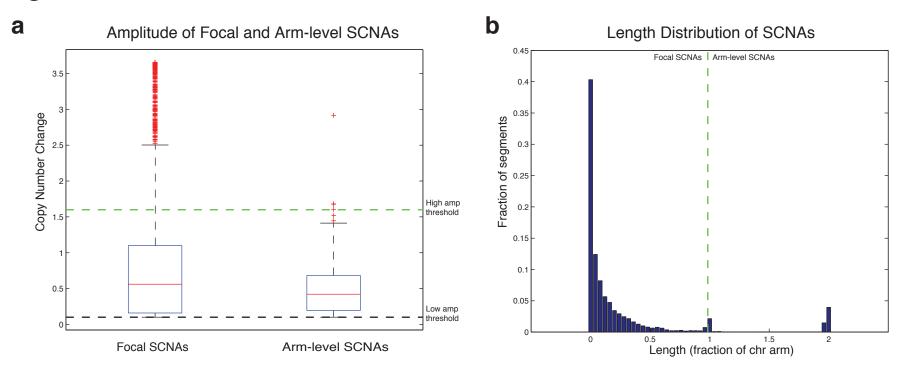


Figure 2



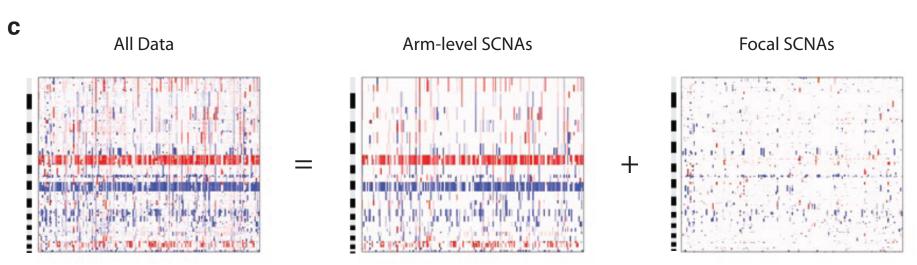
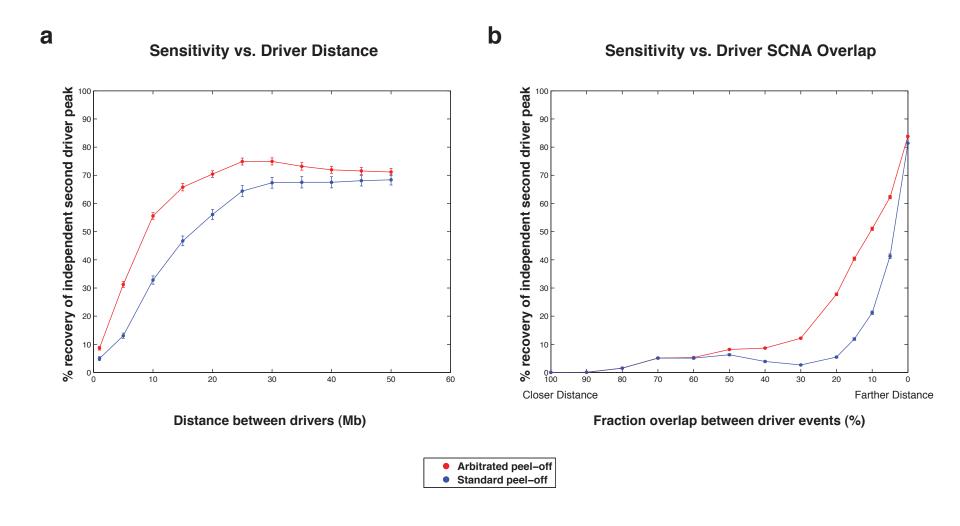
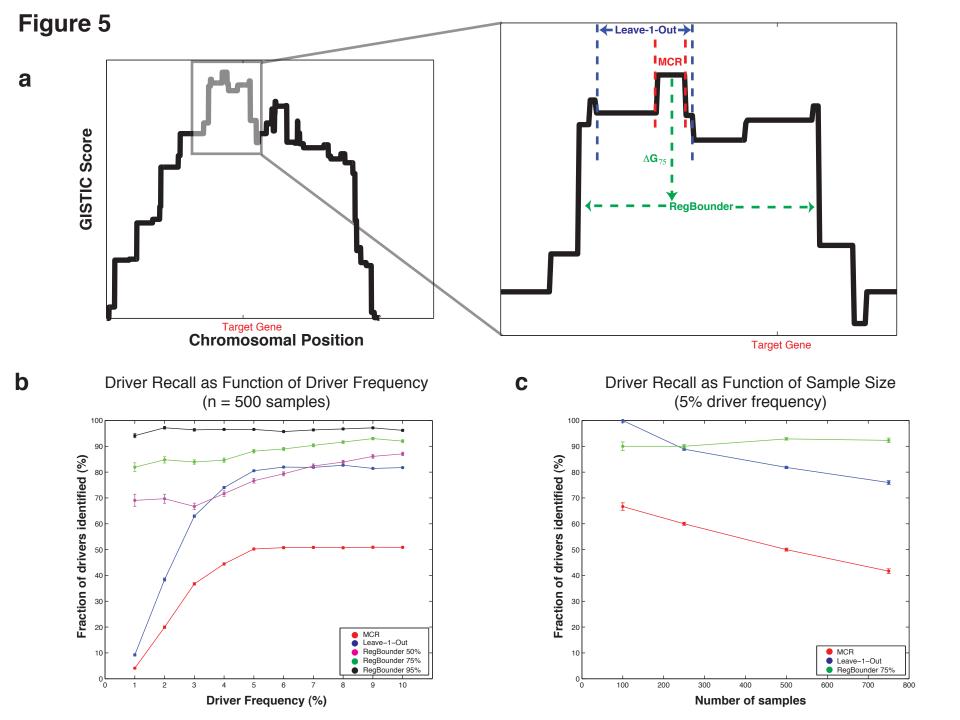


Figure 3 All Data Focal Data All Data b Low Amplitude Threshold High Amplitude Threshold Low Amplitude Threshold a C 0.1 0.2 0.4 0.8 ~AKT3 AKT3 Amplifications 10 10 11 12 12 13 13 13 14 15 21 22 27 Amplified Regions 41 Amplified Regions 55 Amplified Regions **Deletions** CDKN2A/2B CDKN2A/2B PTEN-PTEN wwox-20 15 Deleted Regions 31 Deleted Regions 36 Deleted Regions

Figure 4





## RegBounder vs. MCR and Leave-1-Out on Lung Adenocarcinoma Samples

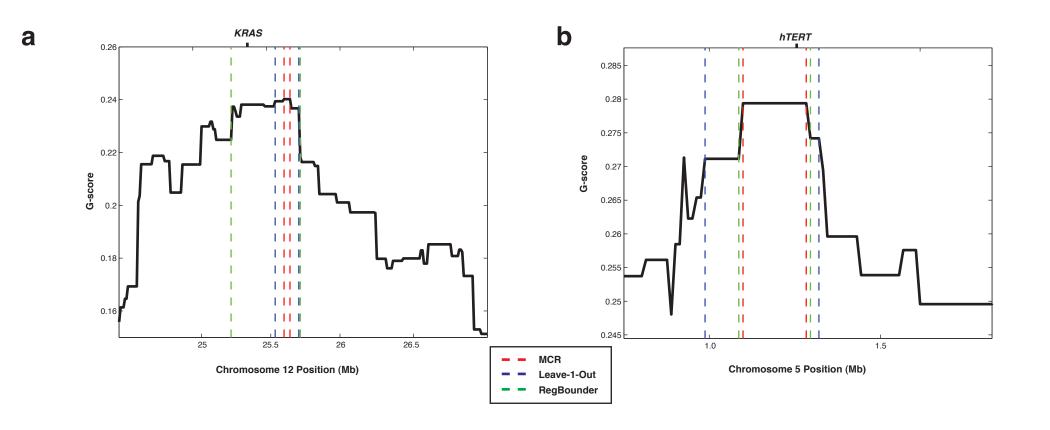


Figure 7 Peak Region Size As Function of Driver Frequency b Peak Region Size As Function of Sample Size (n = 500 samples)(5% Driver Frequency) a MCR Leave-1-Out MCR • Leave-1-Out RegBounder 75% RegBounder 75% Median Peak region size (markers) Median Peak region size (markers) 10 100 200 300 400 500 600 700 **Driver Frequency (%)** Sample Size RegBounder vs. Theoretically Optimal Peak Region C (n = 500 samples) Theoretical Minimum Peaks (75% confidence) RegBounder Peaks (75% confidence) 4096 Median Peak region size (markers)

10

**Driver Frequency (%)**