

Description of Additional Supplementary Files

Supplementary Data 1. Details of Agilent SureSelect Target Panel

Supplementary Data 2. cfDNA yield, tumor aneuploidy fraction, and ctDNA detection in A031201 cfDNA

Supplementary Data 3. Pathogenic mutations detected in A031201 ctDNA

Supplementary Data 4. DNA-seq coverage and log2 copy number ratios of targeted genes relative to control regions

Supplementary Data 5. Counts of ARGSRs detected in A031201 cfDNA

Supplementary Data 6. Breakpoint details of AR-GSRs detected in A031201 cfDNA