



Supplementary Figure 1. Spearman's correlation analysis between level of oncoproteins CEA, CA 19-9, CA 72-4 (x-axis), and total circulating cfDNA (a-c) and tumor derived cfDNA yield (d-f). Moderate positive correlation was determined between levels of CEA (ng/ml) and total cfDNA yield ($R = 0.44, p = 0.02$)