

















Supplementary Figure 1. Pleural effusion levels of diagnostic biomarkers in metastatic adenocarcinoma patients. Levels of Galectin-1, HGF, Mesothelin, MMP-7, Osteopontin, shed SDC-1, TIMP-1, VEGF are significantly higher in pleural effusion from metastatic adenocarcinoma (AD) patients (n = 36) comparing with benign (BE) patients (n = 40) (**A–H**). (**I**). NRG1-β1 has significantly lower level in AD patients comparing with BE. Significance was assessed by two-tailed t-test at $p \le 0.05$.