

**Figure S2. TGF-\beta-related gene INHBB was highly expressed in non-pCR patients.** (A) Dotplot indicating the correlation between INHBB and KEGG\_TGF\_ BETA\_SIGNALING\_PATHWAY in cohort 1. (B) Dotplot indicating the correlation between INHBB gene expression level and percentage of residual tumor in cohort 1. (C) Dotplot indicating the correlation between CD274 gene expression level and percentage of residual tumor in cohort 1. (D) Expression of CD274 between high and low INHBB groups in cohort 1. (E) Representative mIF images of patients in cohort 2. Nuclei (DAPI, blue), PANCK (green), INHBB (red). (F) Proportion of different cells in patients with different therapeutic responses in cohort 2. \*, \*\*, and \*\*\* represent P < 0.05, P < 0.01, and P < 0.001, respectively.