



**S1 Fig.** Central fibrosis and tumor-associated fibrosis. (A, B) *BRAF* V600E-mutated adenocarcinoma with central fibrosis. Fibrosis was located in the central region of the tumor (H&E staining). (C, D) Tumor-associated fibrosis. The desmoplastic reaction occurred along with the tumor cells. Stromal cells, including fibroblasts, lay side by side between carcinoma cells. VE1 was negative in the tumor cells (H&E staining). Scale bars=1 mm (A, C), 200  $\mu$ m (B, D).