

Supplemental Figure 2. Irradiation induces denser FAP expression on CAFs in transplanted mouse tumors. (A) Scheme of TS/A or TS/A+CAF co-injection followed by no treatment or hypofractionated radiotherapy (RT, blue arrows) and subsequent tumor harvest at day 15 for flow cytometry and at day 16 for RT-PCR and multiplex studies (n=5-9 mice/group). Pooled data from two independent experiments. (B) Plot showing FAP expression by IHC in TS/A-derived tumor model, without CAF inoculation. (C) RT-PCR-evaluated FAP mRNA expression relative to housekeeping TATA-binding protein mRNA expression (TBP) in TS/A±CAF-derived tumors undergoing radiotherapy or untreated. Each symbol indicates one mouse and the mean  $\pm$  SEM is shown for each group (One-way ANOVA), \*\*p < .01. (D) The full composite and individual marker images in multiplex immunofluorescence of TS/A+CAF-derived tumors, using the following markers: FAP,  $\alpha$ SMA and collagen type VI. The nuclei were counterstained with DAPI. Treatments are indicated on the left. Representative images (scale bar, 50 µm).