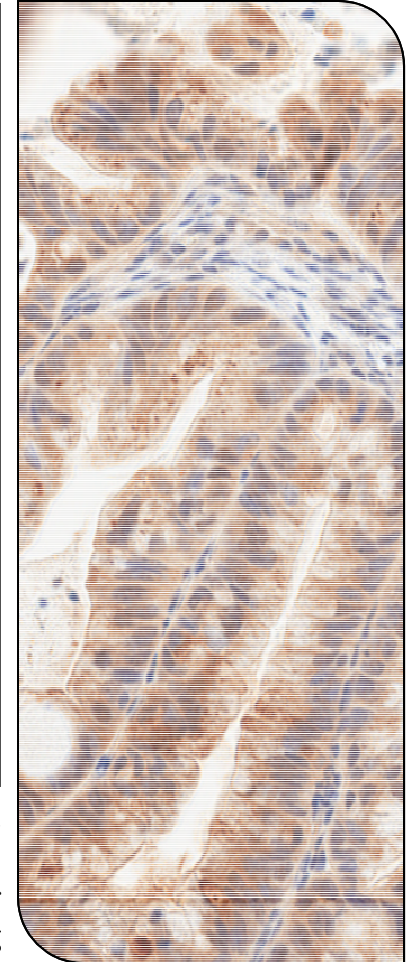
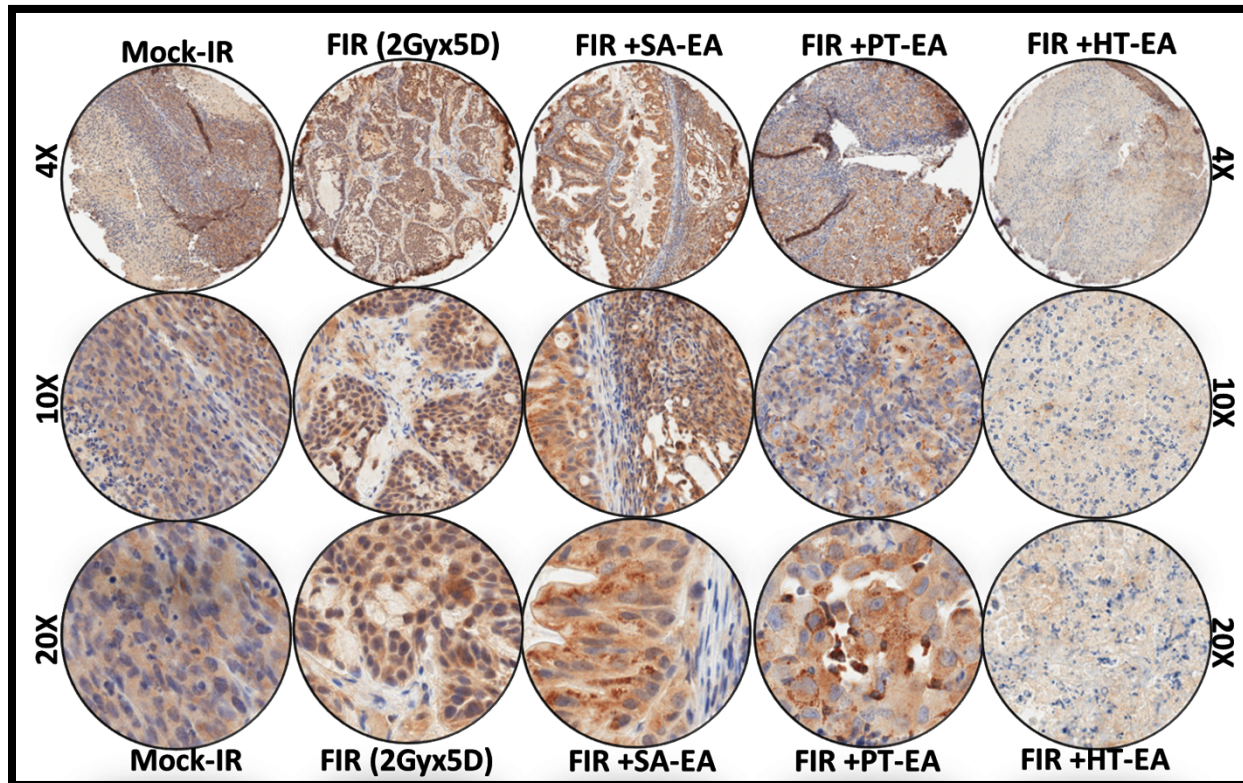




Additional File 4. Representative microphotographs from *PIK3R1*-stained PC tissue micro array (TMA) constructed with xenografts (established from *MiaPaCa-2*) exposed to mock-irradiation or fractionated irradiation, with or without SA-EA, PT-EA, and HT-EA fractions. **Pullout** shows the staining pattern (20x magnification).