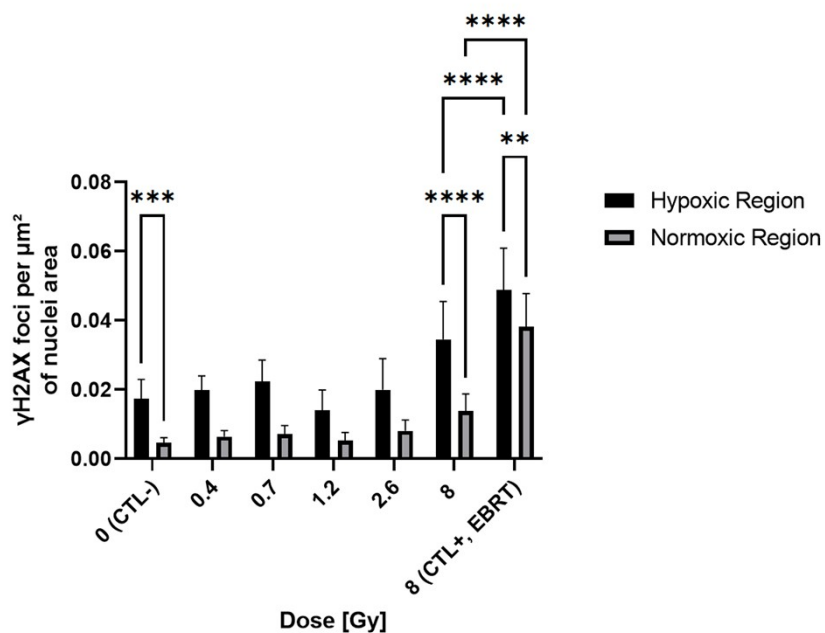


Double-strand DNA breaks in normoxic vs hypoxic regions of FaDu spheroids after treatment



Supplemental Figure 1. Raw density of γ -H2AX foci per nuclei area in normoxic and hypoxic regions of FaDu spheroids, 30 min after irradiation. Mean \pm s.d., N=3, n>10. There is a statistical difference between normoxic and hypoxic regions at 0 Gy, 8 Gy BT and 8 Gy EBRT ($p < 0.01$), as well as between BT and EBRT for both regions ($p < 0.0001$). Results indicate that hypoxic regions consistently harbor more DNA damages than normoxic regions of FaDu spheroids.