



Supplementary Fig. S3. Olaparib increases residual DNA DSBs in hypoxic tumor cells of A549 xenografts following radiation. Mice bearing established A549 xenografts (100 mm³) were treated with olaparib or vehicle 30 min prior to 0 Gy or 10 Gy radiation. Tumors were collected 24 h post-radiation for CA9 and γ H2AX IHC staining. (A) Representative CA9 staining in A549 tumors. Scale bar, 50 μ m. (B) Representative γ H2AX (brown)/ CA9 (red) staining. Scale bars, 20 μ m. (C) Quantitative analysis of the average γ H2AX foci per nucleus in CA9 positive and negative tumor subregions (mean \pm SEM). ns: not significant, * P <0.05, *** P <0.001.