



Supplementary Fig. S4 Olaparib does not affect radiation-induced DNA damage repair and apoptosis in Calu-3 xenografts. Mice bearing Calu-3 xenografts were treated with olaparib or vehicle 30 min prior to 0 Gy or 10 Gy radiation. Tumors were collected 24 h or 72 h post-radiation for γ H2AX or CC3 IHC staining. (A) Representative γ H2AX staining at 24 h time point. Scale bars, 20 μ m. (B) Quantitative analysis of average γ H2AX foci per nucleus in Calu-3 tumors (mean \pm SEM). (C) Representative CC3 staining at 72 h time point. Scale bars, 50 μ m. (D) Quantitative analysis of the percentage of CC3 positive cells in Calu-3 tumors (mean \pm SEM). ns: not significant.