

Supplementary Materials: Establishment and Validation of CyberKnife Irradiation in a Syngeneic Glioblastoma Mouse Model

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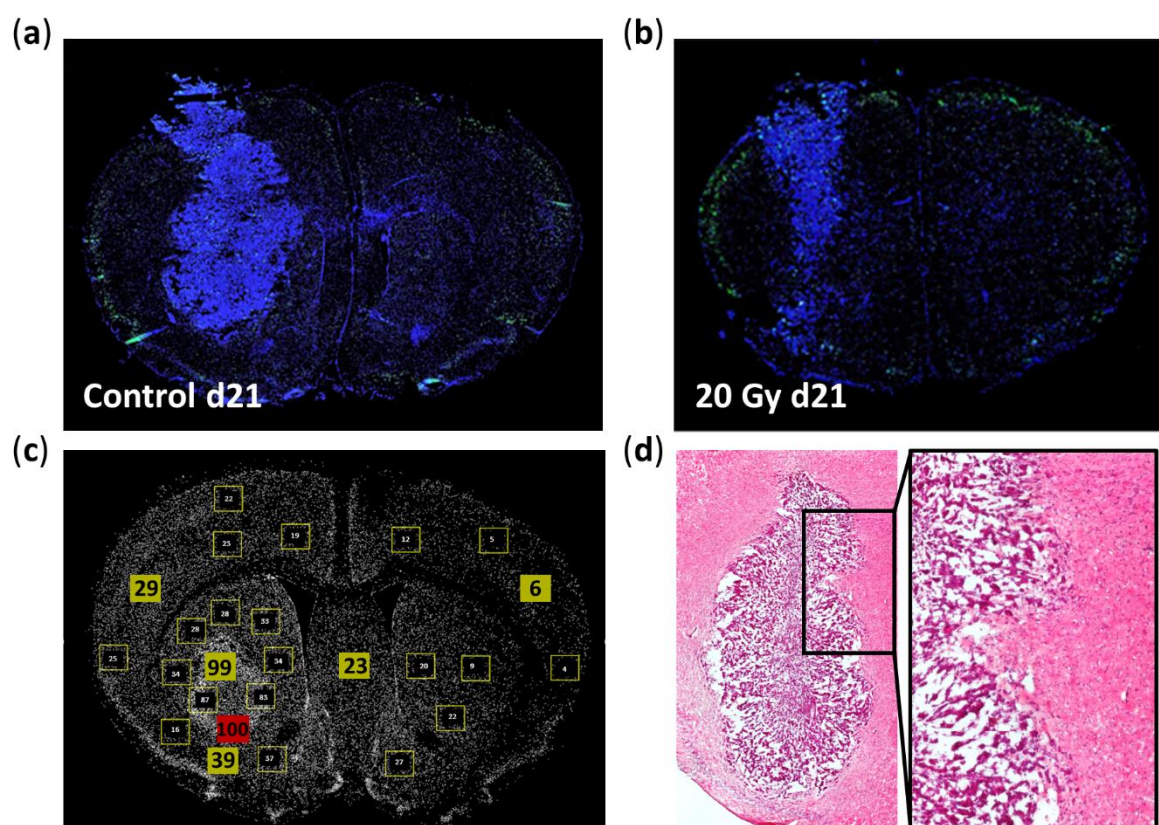


Figure S1. Demonstration of γ -H2AX staining and tumor growth characteristics of GL261. (a) Representative γ -H2AX immunostaining image of the non-irradiated tumor (control) on day 21. Unspecific γ -H2AX staining is observed in the cortical and subcortical regions (γ -H2AX: green, DAPI: blue). (b) Representative γ -H2AX immunostaining image on day 21 showing no specific DNA damage in the irradiated area 6 days after irradiation (γ -H2AX: green, DAPI: blue). (c) γ -H2AX intensity was measured 1 h after irradiation in the defined regions of interest (yellow rectangle) and expressed as percentage of the reference intensity (red rectangle). (d) Representative HE staining image of the non-irradiated tumor on day 21 showing the non-infiltrative character of GL261 tumors.