**Supplementary Figure 1.** Setup for irradiation of Hepa 1–6 tumors implanted in C57BL/6 mice. (A) A treatment plan for making 30x7 cm field size. (B) Cross-sectional dose distribution. (C) Photo image showing that tumor-bearing right hind legs were located within the irradiation field. (D) Schematic diagram illustrating position of two tumors and a tumor-draining inguinal lymph node. A primary tumor implanted into a right leg was exposed to X-ray irradiation, but the left leg harboring secondary tumor and the inguinal lymph node were not included in the radiation field.