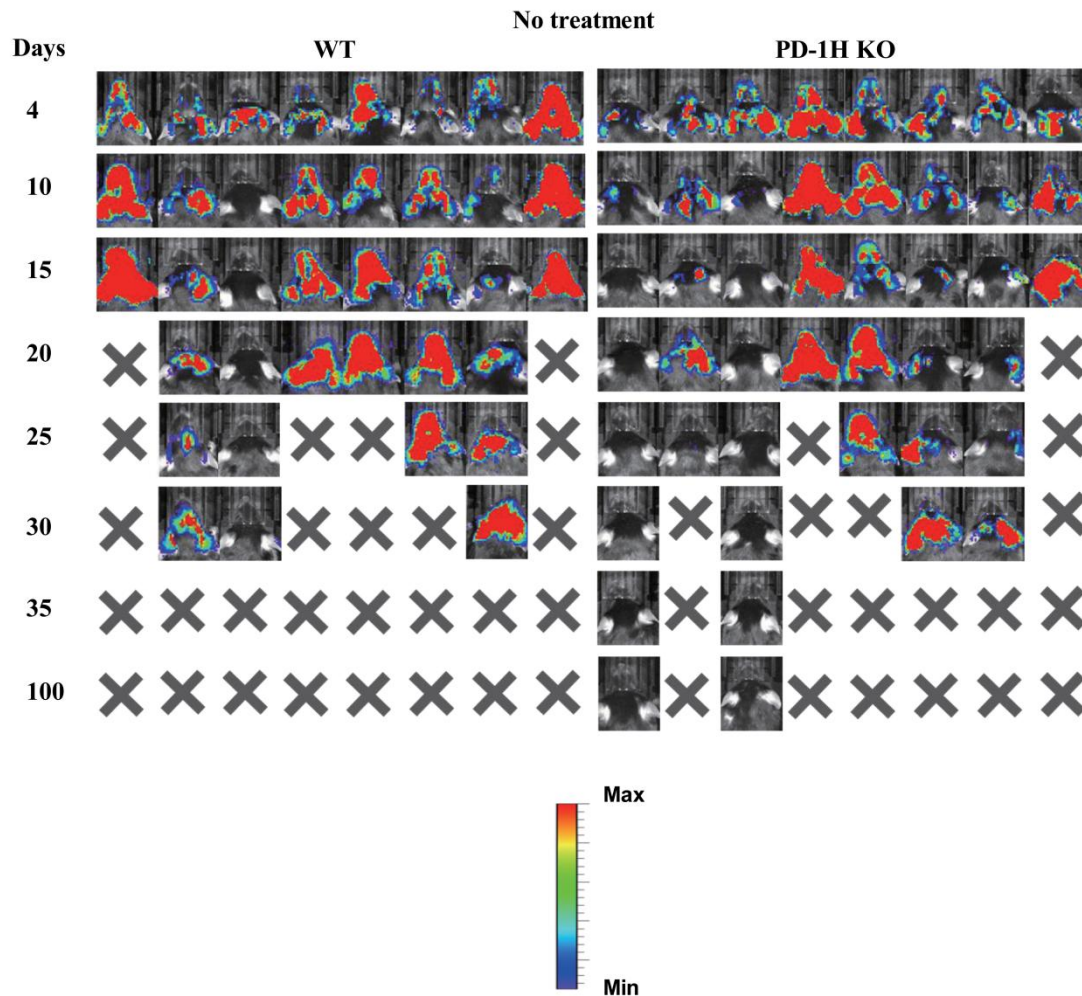
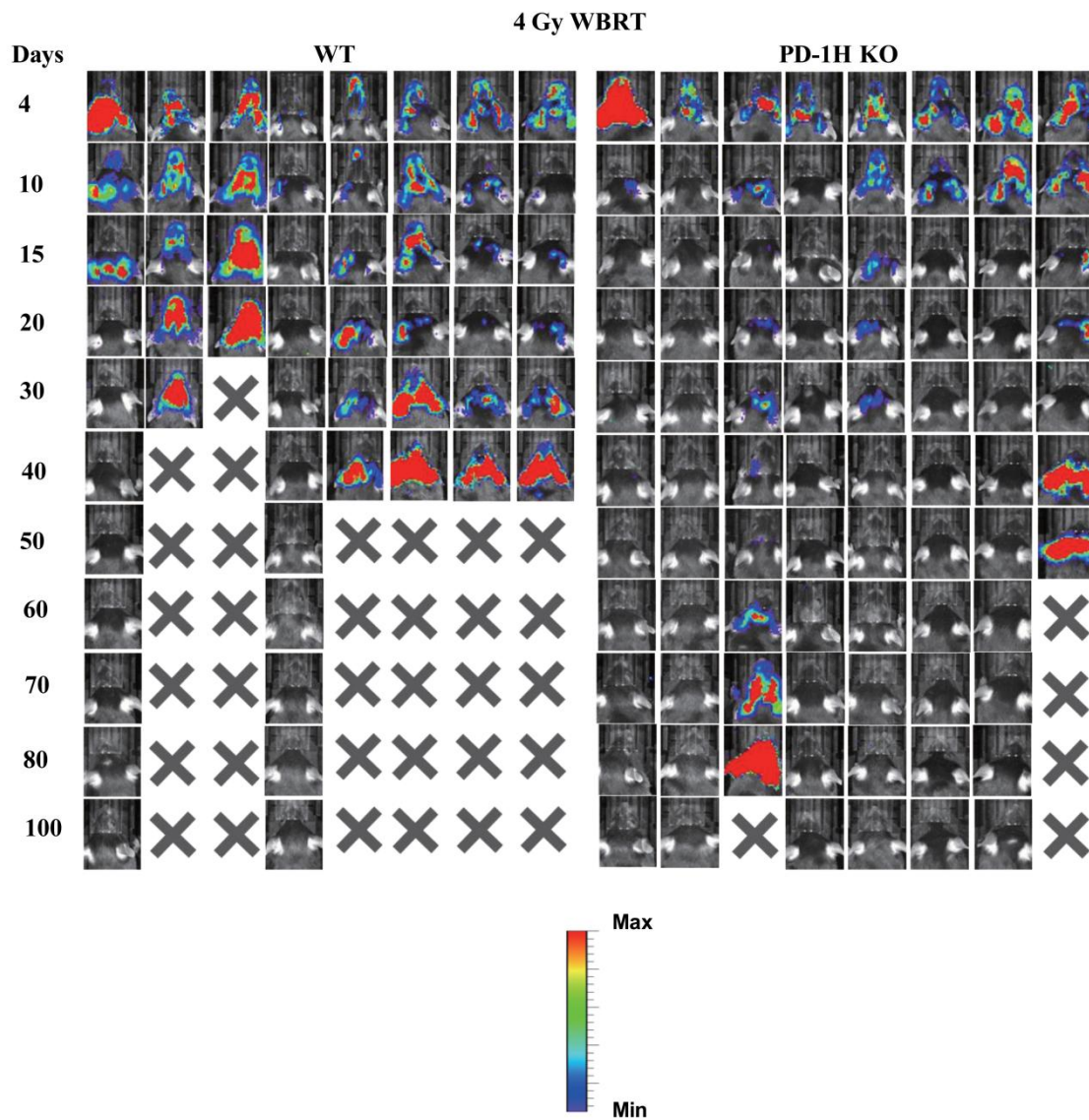


Supplemental Figure 1



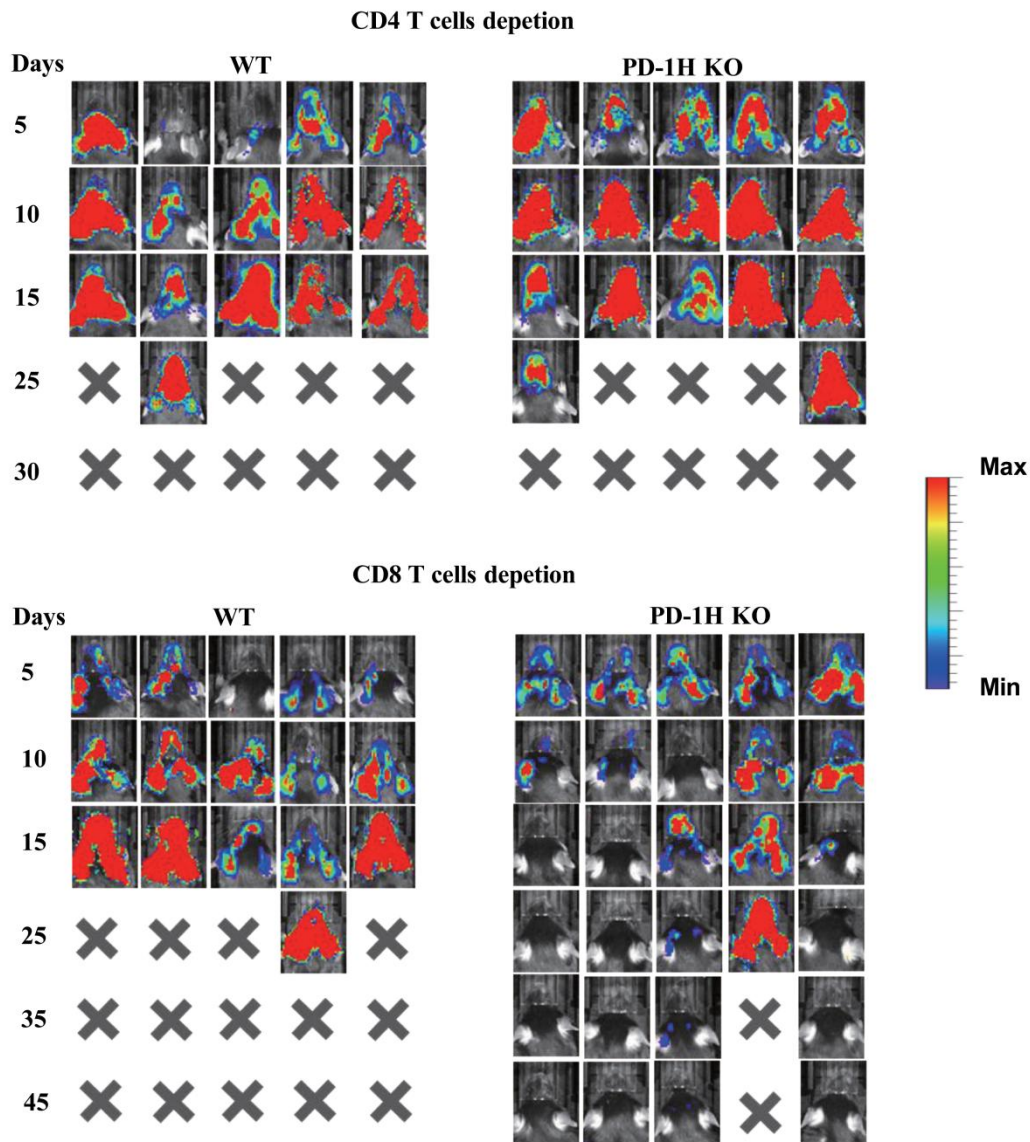
Supplemental Figure 1. 3×10^5 GL261-luc cells in 20 μ l of PBS were injected into the left hemisphere of the brains of PD-1H KO mice or control littermates. Growth of GL261 tumors in individual mice was monitored by Lumina XR imaging system every 5 days. Bioluminescence images of individual mice are shown at indicated time points.

Supplemental Figure 2



Supplemental Figure 2. 3×10^5 GL261-luc cells in 20 μ l of PBS were injected into the left hemisphere of the brain of PD-1H KO mice or control littermates. All mice were treated with 4 Gy whole brain radiotherapy on day 5 after tumor inoculation. Growth of GL261 tumors in individual mice was monitored by Lumina XR imaging system every 5 days. Bioluminescence images of individual mouse are shown at indicated time points.

Supplemental Figure 3



Supplemental Figure 3. 3×10^5 GL261-luc cells in 20 μ l of PBS were injected into the left hemisphere of the brain of PD-1H KO mice or control littermates. All mice were treated with 4 Gy whole brain radiotherapy on day 5 after tumor inoculation. CD4⁺ T cells or CD8⁺ T cells were depleted by intraperitoneal injection of anti-CD4 (GK1.5) or anti-CD8 α (53-6.72) antibody every 5-7 days beginning five days before tumor inoculation. Growth of GL261 tumors in mice was monitored by Lumina XR imaging system every 5 days. Bioluminescent images of individual mice are shown at indicated time points.