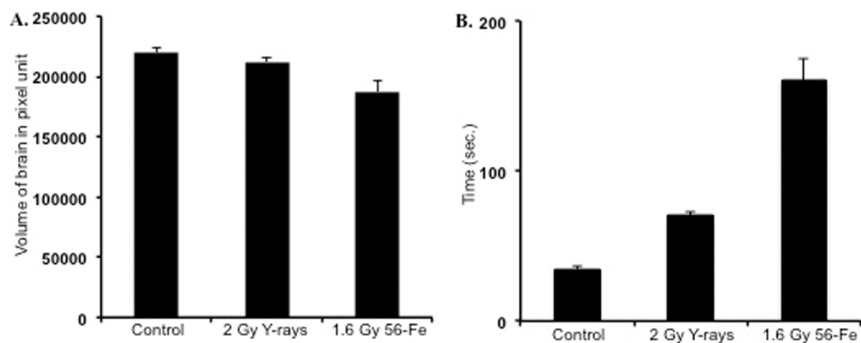


SUPPLEMENTARY FIGURE



Supplementary Figure 1. Radiation exposure caused decreased brain volume and increased time to cross a barrier. A) Volumetric measurement of brain performed using magnetic resonance imaging (MRI) showed decrease brain volume after radiation exposure. Brain volume was decreased more after ⁵⁶Fe radiation. B) Activity experiment performed using a physical barrier showed increased time required by the irradiated mice to climb the barrier. ⁵⁶Fe irradiated mice needed more time to come out of the barrier. Data presented as mean \pm SEM.