

Supplementary Figure 1: (A) Representative photomicrographs (100 X magnifications) of H&E staining, p65 and cMYC levels in non-targeted heart in mice exposed to 2Gy, 10Gy or 2Gyx5D. **(B)** Representative photomicrographs of total cell population (DAPI) and DNA fragmentation in non-targeted heart in mice exposed to 2Gy, 10Gy or 2Gyx5D. Each tissue section was analyzed for fluorescence intensity in at least 10 areas.

