**Figure S1.** Ionizing radiation (IR) induces activation of the JAK2/STAT3/Bcl2/Bcl-XL survival signaling pathway in various human lung cancer cells. A549 and H358 cells were with 2Gy of IR. Cells were harvested for total cell lysates as indicated time points. Levels of pJAK2 (Tyr1007/1008), pSTAT3 (Tyr705), Bcl2, Bcl-XL and Mcl-1 were analyzed by Western blot.