



Supplementary Figure 1. Doxorubicin-induced senescence of H1299 cells. Numbers denote days of culture with doxorubicin (100 nM). **A. Upper panel:** The level of p53 analyzed by Western blotting in untreated and in doxorubicin treated cells. Cell lysate from HCT116 p53 +/+ cells was used as a positive control. **Lower panel:** The level of key DDR proteins after doxorubicin treatment analyzed by Western blotting. GAPDH was used as a loading control **B. Upper panel:** SA-β-Gal activity (analyzed by cytochemical staining) in untreated cells as well as in cells treated with doxorubicin for 5 days. Representative images from one of three independent experiments, magnification 100x. **Lower panel:** DNA content, analyzed by flow cytometry, in untreated cells and on subsequent days after doxorubicin treatment (day 1 and 5). Representative histograms from one of three independent experiments