Figure S1. HCT-116 p53 (-/-) cells plated on the coverslip were treated with Dox and released as described previously. At indicated time, cells were stained with anti-MPM2/TRITC and hoechst 33342 for

immunoflurescence microscope observation.

release from Dox (h) - 0 24 42 48
hoechst 33342
MPM2

Figure S2. HCT-116 p53 (-/-) cells as described above were stained with anti-phospho-Ser10-Histone H3/TRITC, anti- $\gamma$ -H2AX/FITC antibodies and hoechst 33342 after release from Dox for 48hr.

