**Additional Figure S7:** Validation of inhibitor activity. A) Validation of PARP inhibitor treatment by immunofluorescence analysis of PAR formation after a 10 min challenge with 500 μM H2O2 (right) of the cells that were pre-treated with DMSO, KU, or Olaparib for 72 h. Dapi was used to stain nuclei. B) Validation of ATM inhibition by Western blot analysis of p-ATM after a 1 h challenge with 125 μM H2O2 of the cells that were pre-treated with ATMi für 72 h. Tubulin serves as loading control.