



Figure S2. Modulation of γ H2Ax DNA repair focus formation by DNAPKi and ATRi in combination with radiation.

Nuclear γ H2Ax foci were imaged by confocal microscopy. Fixed samples were collected at the time points and treatments indicated in HCT116 p53+/+ and p53-/- isogenic cell lines. 250 nM was used for both AZD6738 and KU-0060648, added 1 h before radiation. γ H2Ax foci were quantified by automated image quantification and expressed as the average foci per nucleus with nuclear segmentation and counting based on DAPI staining. Data represent a minimum of 3 independent independent experiments \pm SEM. Statistical analysis performed between indicated conditions by unpaired t-test * = $P < 0.05$.