



**Supporting information Figure S3. Inhibition of hRAD51 foci formation of K1435R mutant cBRC3 versus wild-type cBRC3**

HeLa cells transfected with wild-type or mutant cBRC3 or empty vector were irradiated (15 Gy) and then allowed to recover for the times indicated. Images containing at least 100 cells were captured by a computer, and the number of cells containing at least 10 foci were recorded and plotted as a percentage of the total number of cells. Plots were generated from 3 independent experiments. The results are given as the mean ( $\pm$  standard error) ( $n = 3$ ). Significance was examined by student's *t*-test. Asterisks indicate significant difference between irradiated cells transfected with wild-type and with K1435R mutant cBRC3 at the same time point (\* $p < 0.05$ , \*\* $p < 0.01$ ).