

<u>Supplemental Figure 2</u>: Higher doses of olaparib are sufficient to inhibit PAR formation in *BRCA1*-mutant SUM-149 cells. At higher concentrations of olaparib (1 $\mu$ M), combination treatment of PARP1 inhibition and radiation decreases PAR in a comparable manner to lower doses of olaparib (20nM) in SUM-149 cells.