

Figure S1. Validation of Peme-mediated radiosensitization in triple-negative breast cancer cells. (A) HCC70 cells were treated with Peme (0, 5 or 10 μ M) and/or IR (10 Gy) for 24 or 48 h. BRCA1, c-PARP, total PARP, c-caspase-3 and total caspase-3 protein levels were analyzed by immunoblotting. β -actin was used as a loading control. (B) Preliminary clonogenic survival assay using 1 Gy irradiation. MDA-MB-231 cells were treated with Peme (1 or 2 μ M) in the presence or absence of 1 Gy IR and colonies were stained. Peme, pemetrexed; IR, ionizing radiation; c-, cleaved; CTRL, control.

