Supplementary Materials: Expression of epsilon-globin HBE1 enhances radiotherapy resistance via the downregulation of BCL11A in colorectal cancer cells

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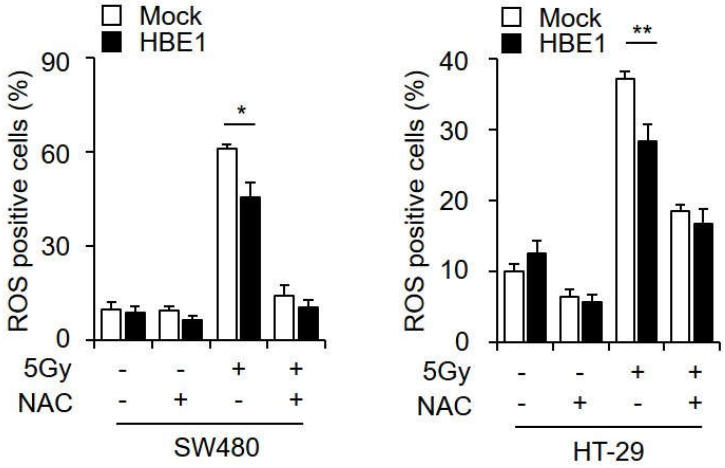

Figure S1. Mock and HBE1 expressing cells were treated with or without NAC and Radiation induced intracellular ROS levels measured by flow cytometry using CM-H2DCFDA at 48 hr after exposure to 5 Gy of irradiation. * $p < 0.05$, ** $p < 0.01$.

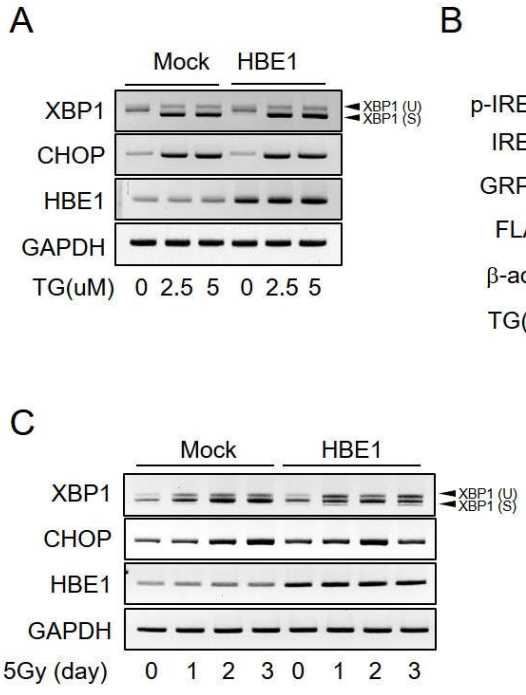

Figure S2. (**A**) Total RNAs were harvested from thapsigargin (TG) treated mock and HBE1 expressing cells and XBP1, CHOP, HBE1, GAPDH mRNA expression levels were evaluated by conventional RT-PCR. (**B**) and then protein expression for p-IRE1a, IRE1a, GRP78, FLAG β-actin was determined by Western immunoblot analysis. β-actin served as the standard. (**C**) radiation induced ER-stress was assed via Activation of XBP-1 and CHOP mRNA expression analysis by RT-PCR. GAPDH served as the standard.