Supplementary Figure 5. Depletion of 53BP1 rescues RAD51 assembly at DSB sites in BRCA1-depleted human cells. A-B, HCT116 cells transfected with the indicated siRNAs were irradiated with 2 Gy and analyzed for RAD51 and gH2AX immunofluorescence at 6 h post-irradiation. Representative images. Scale bar, 25 µm (A). The quantification of cells with >5 RAD51 foci (mean ± s.d., N = 3) (B). C, HCT116 cells transfected with the indicated siRNAs were subjected to western blotting for the indicated proteins.