Supplementary Figure 7. RAD18 is not required for RAD51 assembly at DSB sites in the absence of BRCA1 and 53BP1. A-B, RAD18<sup>−/−</sup> HCT116 cells transfected with the indicated siRNAs were irradiated with 2 Gy and analyzed for RAD51 and γH2AX immunofluorescence at 6 h post-ionizing radiation. Representative images. Scale bar, 25 µm (A). The quantification of cells with >5 RAD51 foci (mean ± s.d., N = 3) (B). C. HCT116 (WT) and RAD18<sup>−/−</sup> HCT116 cells transfected with indicated siRNAs were subjected to western blotting for the indicated proteins. The expression level of BRCA1 and 53BP1 was similar in and RAD18<sup>−/−</sup> HCT116 cells.