

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Sister chromatid exchanges mapping to common fragile sites. Supplemental Dataset 1 corresponds to Figure 3C and Supplemental Figure S4. Genomic coordinates are indicated of fragile site, and the SCEs that map within these fragile sites, along with cell line and treatment information. WT refers BRCA2-proficient cells, DEF refers to BRCA2-deficient cells.

File Name: Supplementary Data 2

Description: Proteomics analysis of mitotic interactors of DNA ends. Supplemental Dataset 2 corresponds to Figure 5A/B. *Xenopus leavis* and *Homo sapiens* protein names are indicated.