

Supplementary Material:

PARP1-TDP1 coupling for the repair of topoisomerase I-induced DNA damage

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Supplementary Figure 1: SUMOylation-deficient TDP1 (TDP1^{K111R}) binds PARP1. Flag-tagged TDP1 constructs (FLAG-TDP1^{WT} or FLAG-TDP1^{K111R}) were ectopically expressed in HCT116 cells. After CPT treatment (10 μ M for 2 h), ectopic TDP1 was immunoprecipitated using anti-Flag antibody and the immune complexes were probed with anti-PARP1 antibody. Both TDP1^{K111R} and TDP1^{WT} show similar affinity for PARP1. Blots were subsequently stripped and probed with anti-TDP1 antibody.

