



Supplemental Material to:

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**An SCF complex containing Fbxl12 mediates DNA
damage-induced Ku80 ubiquitylation**

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Supplementary Figure 1

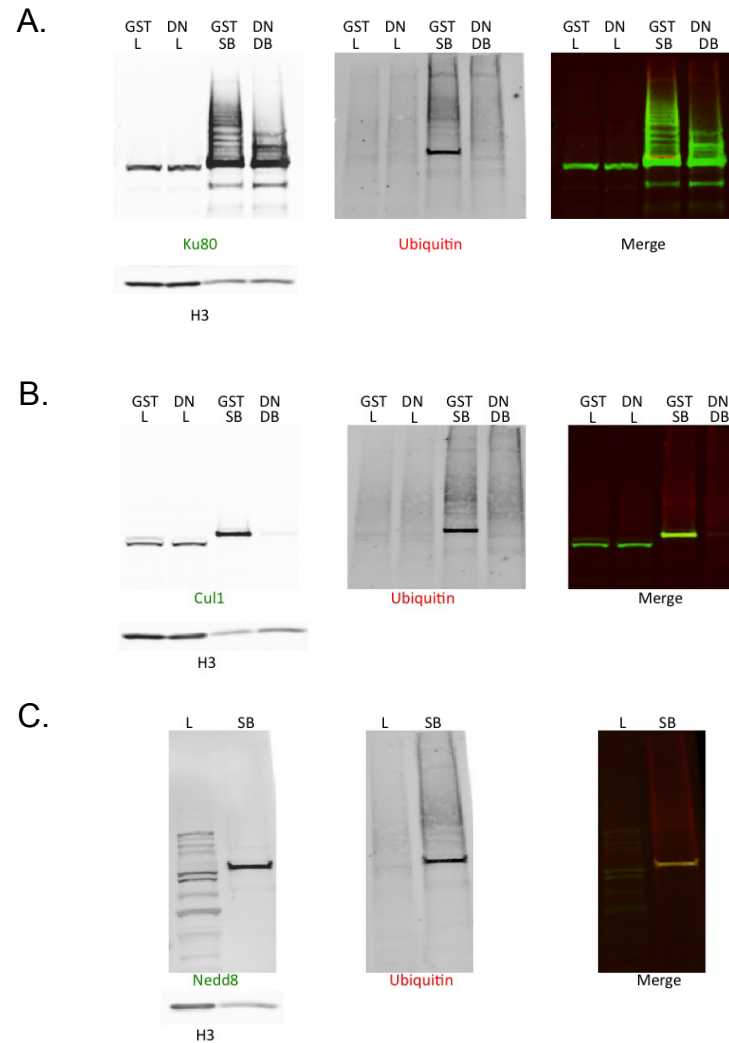


Figure S1. Cul1 is neddylated on DNA beads. SB- and DB-DNA beads were incubated in extract containing GST as a control or GST-DN-Cul (DN), and proteins co-isolating with DNA beads were probed by immunoblot. The images of two antibodies with distinct infra-red labels were merged using an Odyssey imaging system and the LI-COR software. **A.** Anti-Ku80 was merged with anti-ubiquitin probes on the same immunoblot, indicating that a strong anti-ubiquitin-staining band does not co-migrate with bands representing modified Ku80. **B.** In a parallel experiment, anti-Cul1 antibodies were probed with anti-ubiquitin, revealing that the strong anti-ubiquitin band does co-migrate with Cul1. **C.** This anti-ubiquitin band also co-migrates with an anti-Nedd8 band. L: load.

Supplementary Figure 2

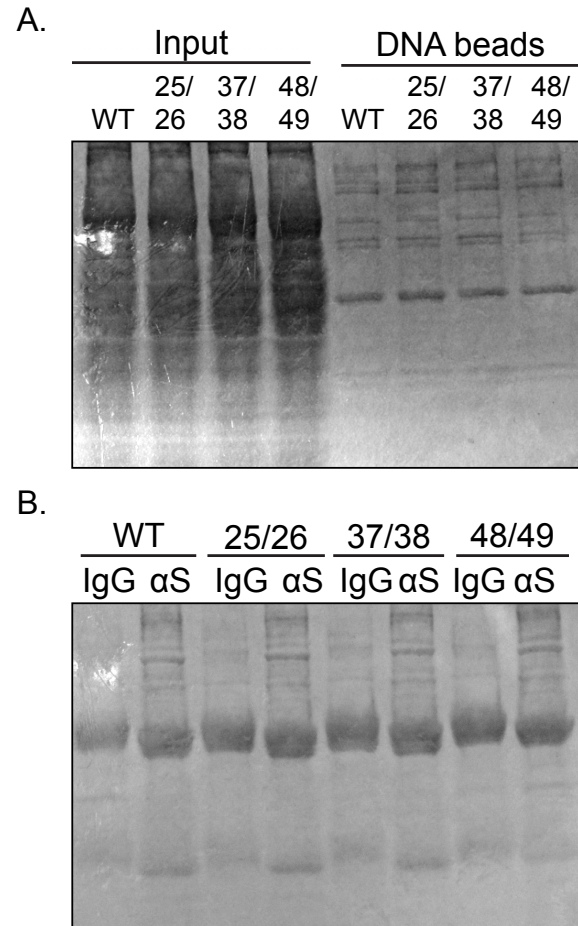


Figure S2. Coomassie staining of Fbxl12 point mutant gels. Coomassie staining of gels analyzed by phosphorimager in (A) Fig. 3D and (B) Fig. 3E to indicate equal loading of samples.