

Figure S7

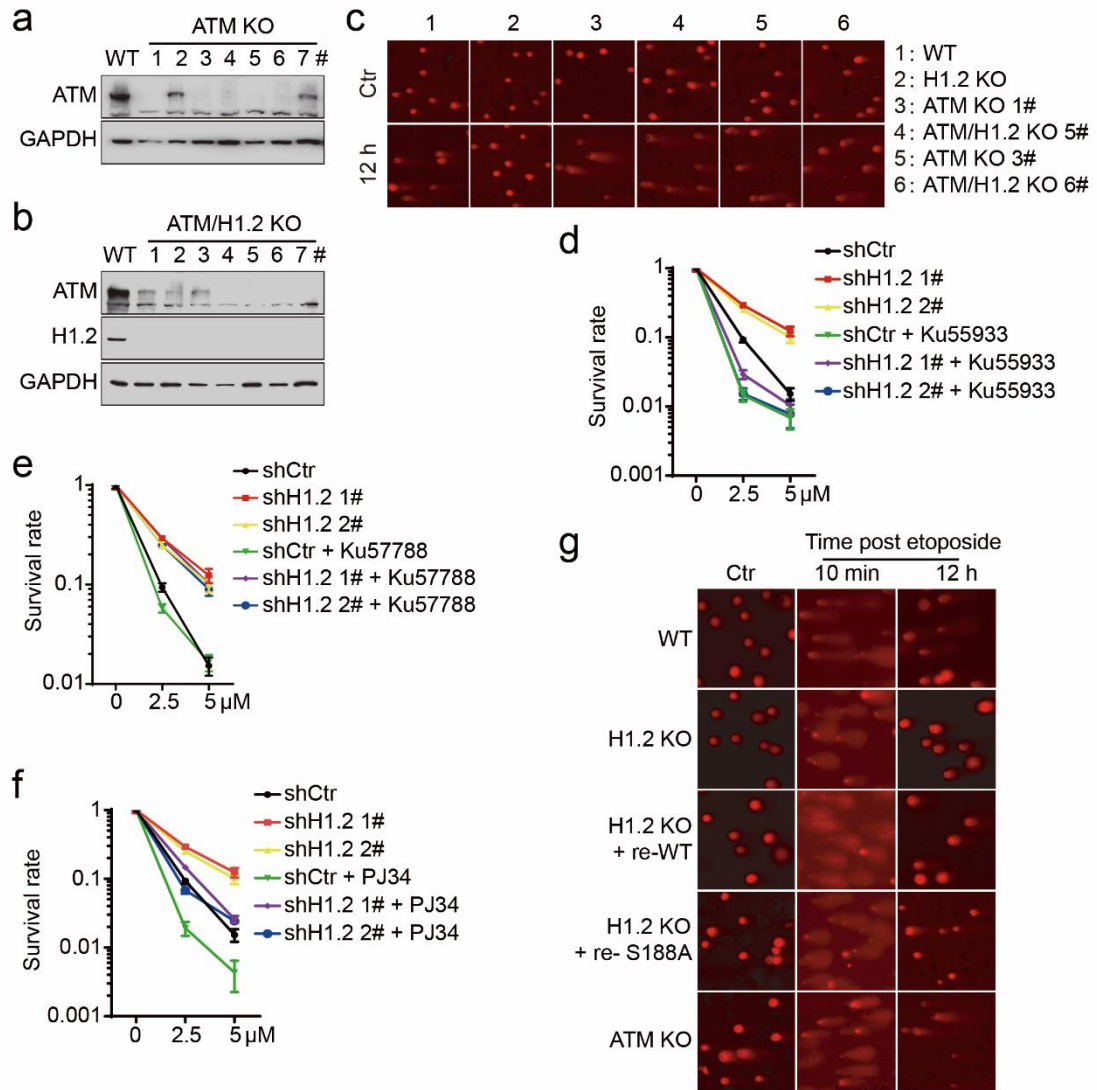


Figure S7. Linker histone H1.2 dissociation and destabilization is indispensable for DNA repair and cell survival

a Verification of ATM KO (KO) via CRISPR-Cas9 targeting in WT HeLa cells by immunoblotting, and efficiencies of clone 2# and 7# were poor. **b** Verification of ATM KO in H1.2 KO (1#) HeLa cells using CRISPR-Cas9 targeting by immunoblotting, and efficiencies of clone 1-3# were poor. **c** Representative images of the comet assay detailed in Figure 7e. **d-f** H1.2 stable-knockdown (1# and 2#) or control knockdown HeLa cells were treated with different doses of etoposide for 2 h with or without prior treatment with 20 μ M Ku55933, 2 μ M Ku57788 or 5 μ M PJ34 for 1 h and then subjected to colony formation assay. The data represent the mean \pm SD. **g** Representative images of the comet assay detailed in Figure 7g.