

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Gene analysis of CRISPR/Cas9 screen in Atm<sup>+/+</sup> cells

File Name: Supplementary Data 2

Description: Gene analysis of CRISPR/Cas9 screen in Atm<sup>-/-</sup> cells

File Name: Supplementary Data 3

Description: Pathway analysis of CRISPR/Cas9 screen in Atm<sup>+/+</sup> cells

File Name: Supplementary Data 4

Description: Pathway analysis of CRISPR/Cas9 screen in Atm<sup>-/-</sup> cells

File Name: Supplementary Data 5

Description: Gene analysis of CRISPR/Cas9 screen in HT-29 cells

File Name: Supplementary Data 6

Description: Phospho proteome in response to CPT treatment