



Supplementary Figure S7. Endogenous APOBEC3A and APOBEC3B render cancer cells susceptible to ATRi. **A.** Cell-cycle profiles of the cancer cell lines analyzed. The indicated cell lines were pulse labeled with EdU and analyzed by FACS. S-phase cells are colored in red. **B.** TOV21G cells were transfected with control or A3A-A3B siRNA and treated with ATRi (6 μ M) for 8h. Levels of chromatin-bound RPA and γ H2AX in 2,500 cells were quantified. **C.** The three cell lines with low overall A3A-A3B activity were transfected with control or A3A-A3B siRNA as indicated, and treated with ATRi (6 μ M) for 8 h. TUNEL signals were quantified for each condition.