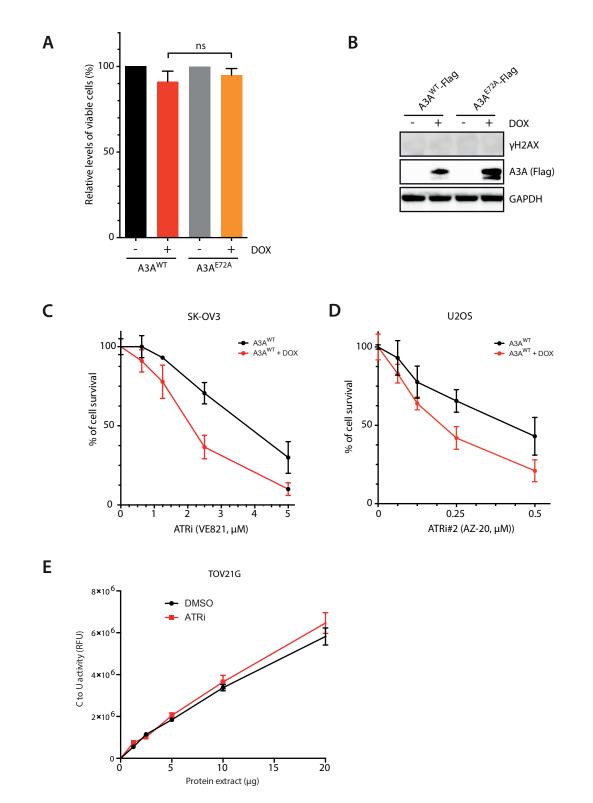
Supplementary Figure S3



Supplementary Figure S3. Effects of APOBEC3A expression in proliferating cells. A. Inducible A3A^{WT} or A3A^{E72A}-expressing U2OS cells were induced or uninduced and cultured for 5 days. Relative levels of viable cells were determined. Error bar: S.D. (n=3). Significance was determined by t-test. ns; not significant. **B.** Levels of γH2AX in A3A^{WT} or A3A^{E72AT}-expressing cells were analyzed by Western blot. **C.** A3A^{WT} was inducibly expressed in SKOV3 cells, and cell survival was analyzed after 5 days of continuous ATRi (VE-821) treatment. Error bar: S.D. (n=3). **D.** U2OS-derived cells were left uninduced or induced to express A3A^{WT}. Cell survival was analyzed after 5 days of continuous AZ20 treatment. Error bar: S.D. (n=3). **E.** TOV21G cell were treated with DMSO or ATRi (3 μM) for 8h. A3A-A3B activity was measured using increasing amounts of cell extracts. Error bar: S.D. (n=3).