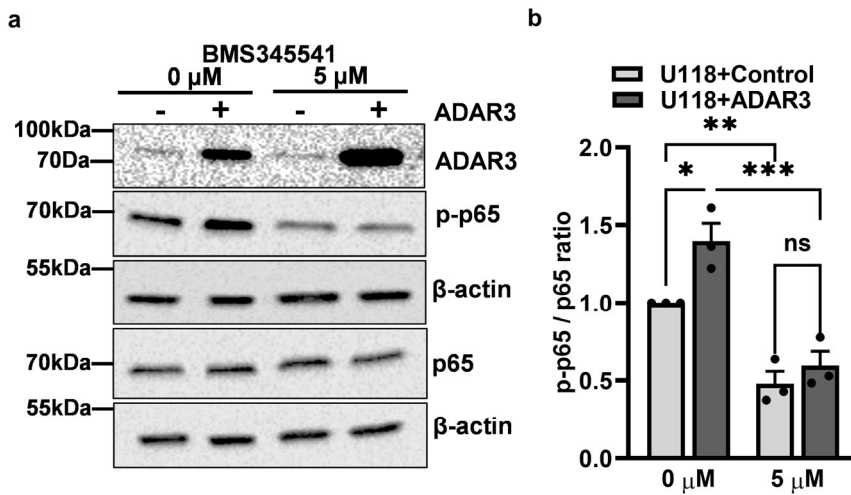


Figure S3



Supplementary Figure S3. ADAR3 expression leads to increased p65 phosphorylation in U118 glioblastoma cells. (a) Control and ADAR3-expressing U118 cells were treated with 0 (DMSO only) or 5 μM of BMS345541 for 24 h. An equivalent amount of cell lysates was subjected to quantitative immunoblotting with antibodies against p65, phosphorylated S356 p65 (p-p65), and β-actin. Blot is a representative image (replicate 1) of three biological replicates and the original images are included in supplementary information file. (b) The ratio of p-p65 to total p65 relative to β-actin was quantified and normalized to U118 control cells with 0 μM BMS345541 treatment. The mean of three biological replicates is plotted with error bars representing SEM. Statistical significance was determined using two-way ANOVA Tukey's multiple comparisons test. * $p \leq 0.05$, ** $p \leq 0.005$ *** $p \leq 0.0005$, ns indicates no significant difference.