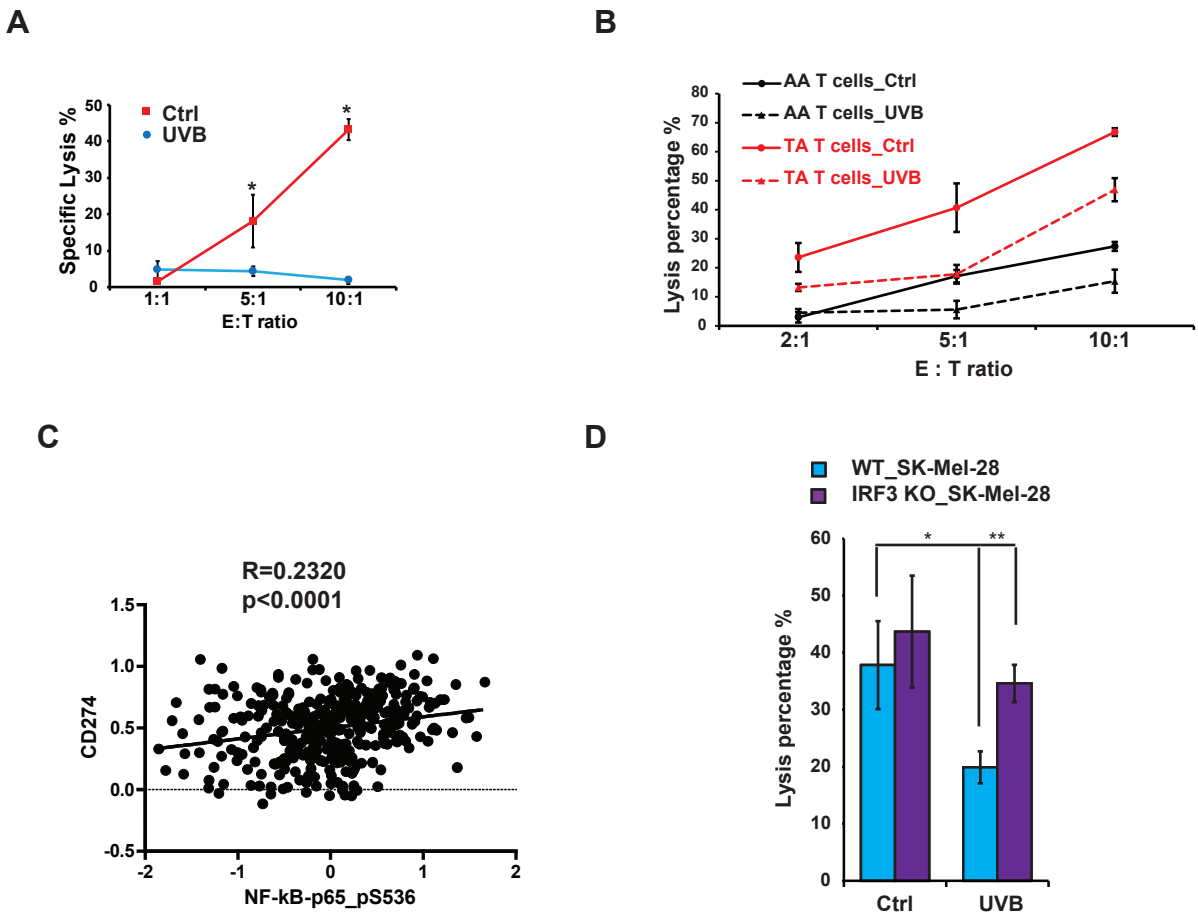
s-Figure 5



Supplemental Figure 5. (A) B16 cells were mock treated (Ctrl) or treated by UVB (UVB) as indicated. B16 cells (target, T) and activated mouse CD8+ T cells (effector, E) were incubated at indicated E:T ratio. Cytotoxicity was quantified by LDH assay. (B) Human CD8+ T cells were activated either by anti-CD3/CD28 antibodies (AA-T cells) or by incubation with inactivated SK-Mel-28 melanoma cells (TA T cells). SK-Mel-28 cells were mock treated or treated by UVB, and incubated at the indicated E:T ratios. Cytotoxicity was quantified by LDH assay. (C) Correlation between levels of CD274 (RNAseq) and NF-κB-p65_pS536 (RPPA) was determined with Pearson's correlation analysis. (D) T-cell killing assays as in (B) were performed using wildtype or IRF3-knockout (KO) SK-Mel-28 cells treated by UVB (50 mJ/cm2) or mock treated, and activated CD8+ T cells (E:T=5:1). *: p<0.05; **: p<0.01.