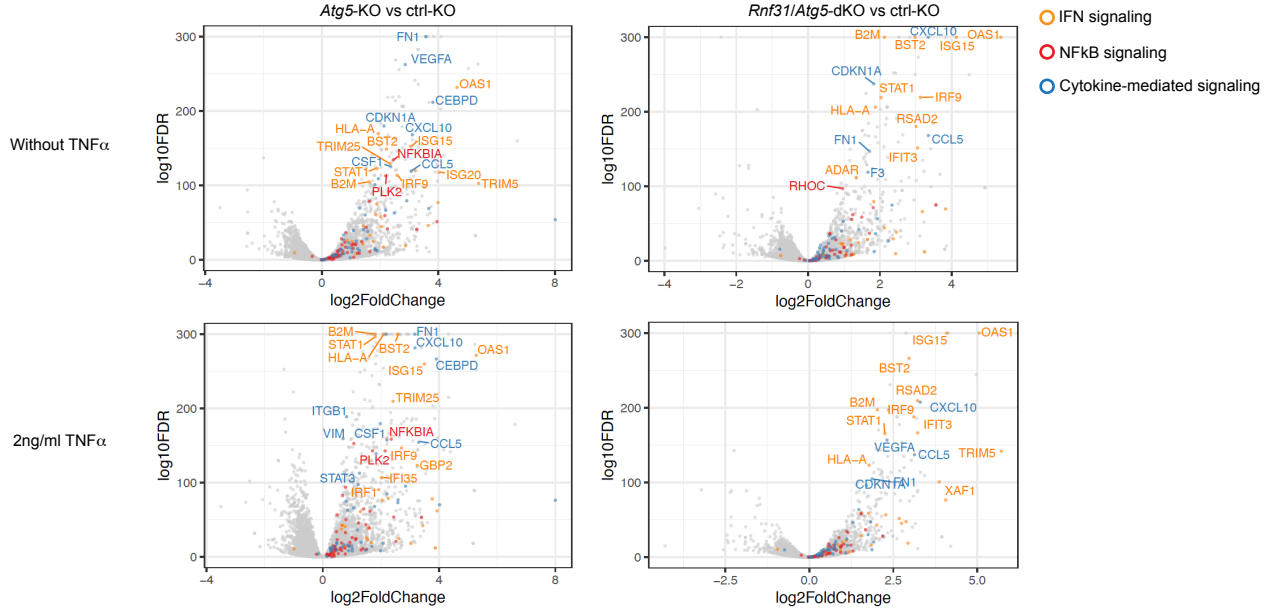


Comparison of gene expression by RNA sequencing



Supplementary Fig. S4. Differentially expressed genes revealed by RNA-seq analysis.

Volcano plots of differentially expressed genes by RNA-seq analysis. B16 *B2m*^{-/-} ctrl-KO cells, B16 *B2m*^{-/-} *Atg5*-KO cells, and B16 *B2m*^{-/-} *Rnf31/Atg5*-dKO cells were cultured for 24h with or without 2ng/ml TNF α . False discovery rate (FDR) (\log_{10} adjusted FDR) was plotted against \log_2 fold change of gene expression levels (B16 *B2m*^{-/-} exp-KO cells / B16 *B2m*^{-/-} ctrl-KO cells).