



Figure S1 related to Figure 1. Nutlin effects on gene expression are TP53-dependent.

(A) Western blot showing time course of TP53 and CDKN1A (p21) protein accumulation in Nutlin-treated HCT116 cells.

(B) Volcano plots of the differentially expressed genes as detected by RNA-seq in TP53^{+/+} and TP53^{-/-} HCT116 cells treated with 10 μ M Nutlin for 12 hours. Statistics: DESeq2, genes with p(adj) < 0.05 are labeled in red. FC: fold change.