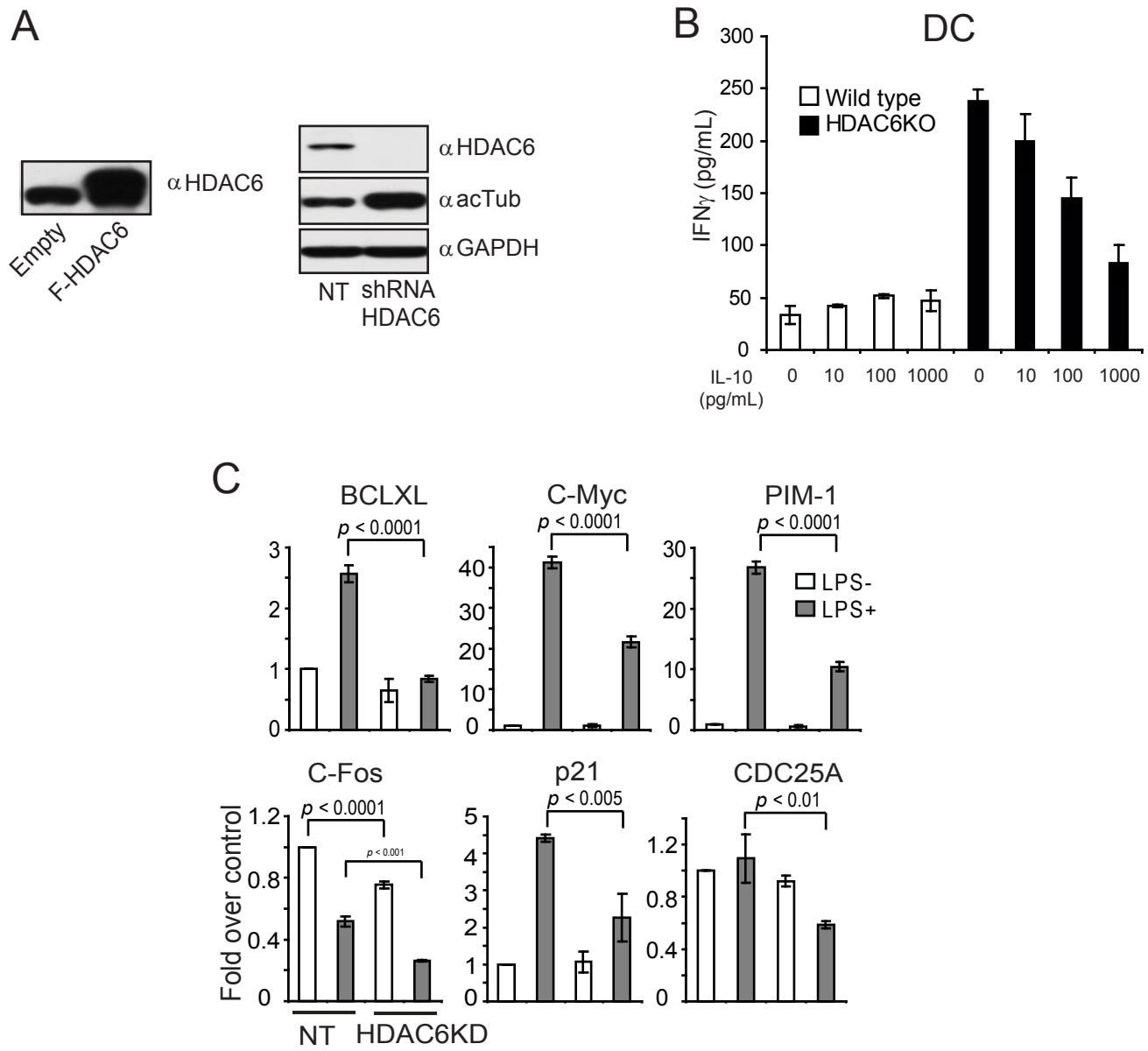
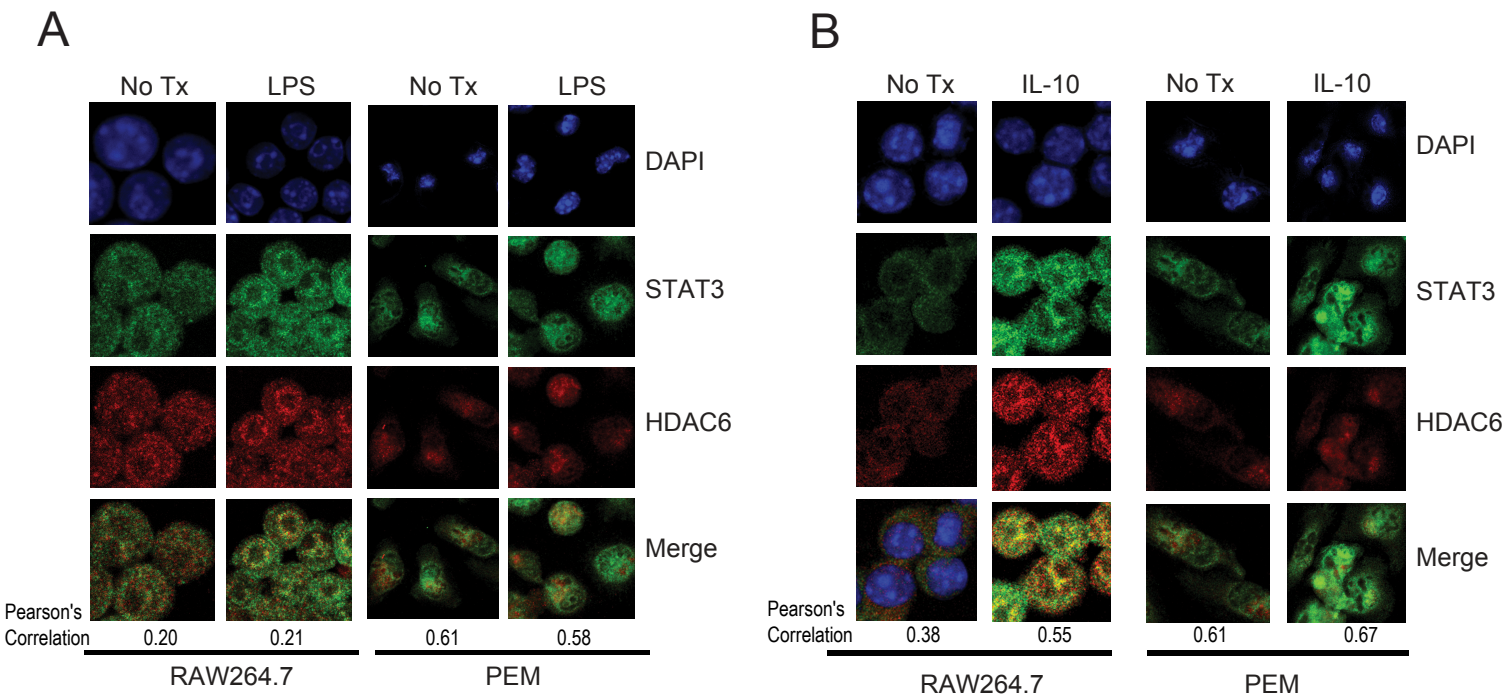
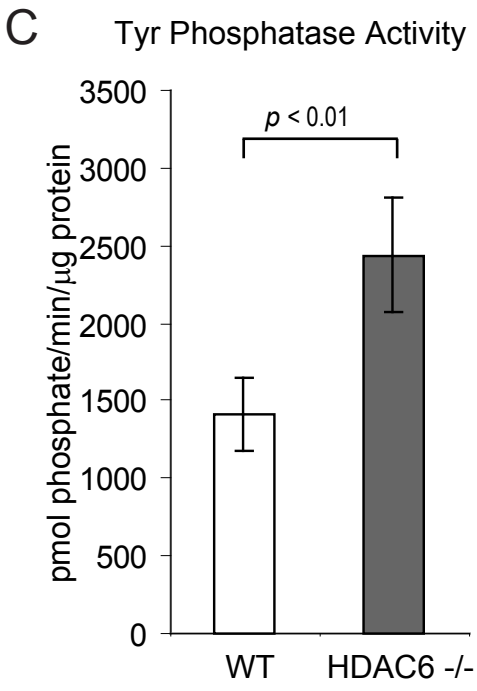
Supplementary Figure 1



Supplemental Figure 1. (A) RAW26.7 cells in which HDAC6 was over-expressed (left) or knocked down (right) were assayed by immunoblot using specific antibodies for HDAC6, acetylated tubulin (ac-Tub) or GAPDH. **(B)** DCs isolated from WT or HDAC6KO mice were treated with increasing concentrations of IL-10 (pg/ml). Then, their antigen-presenting function was evaluated as described in Methods and IFN-γ production by antigen-specific $CD4^+$ T-cells was determined by ELISA. Three experiments were performed with similar results. Error bars represent standard deviation from triplicates. **(C)** Non-target (NT) or HDAC6KD RAW264.7 cells were stimulated with LPS (1.0 μg/ml) for 2 h. Then, total RNA was isolated and analyzed by qRT-PCR for expression of *Bcl-xL, c-Myc, Pim-1, c-Fos, p21 and CDC25a*. *GAPDH* expression was used as the control. The results are expressed as a fold over untreated cells and calculated by the Pfaffl equation. Three experiments were performed with similar results. Error bars represent standard deviation from triplicates.

Supplementary Figure 2





Supplemental Figure 2. RAW264.7 cells and PEM were stimulated with LPS (1.0 μg/mL) **(A)** or IL-10 (10ng/mL) **(B)** and then analyzed by confocal microscopy with an α-HDAC6 antibody (red) and α-STAT3 antibody (green). Shown is a representative set of pictures of four experiments with similar results. **(B)** PEM were isolated from WT or HDAC6KO mice and tyrosine phosphatase activity was detected using a tyrosine phosphatase assay system (Promega, WI) following manufacture's protocol.