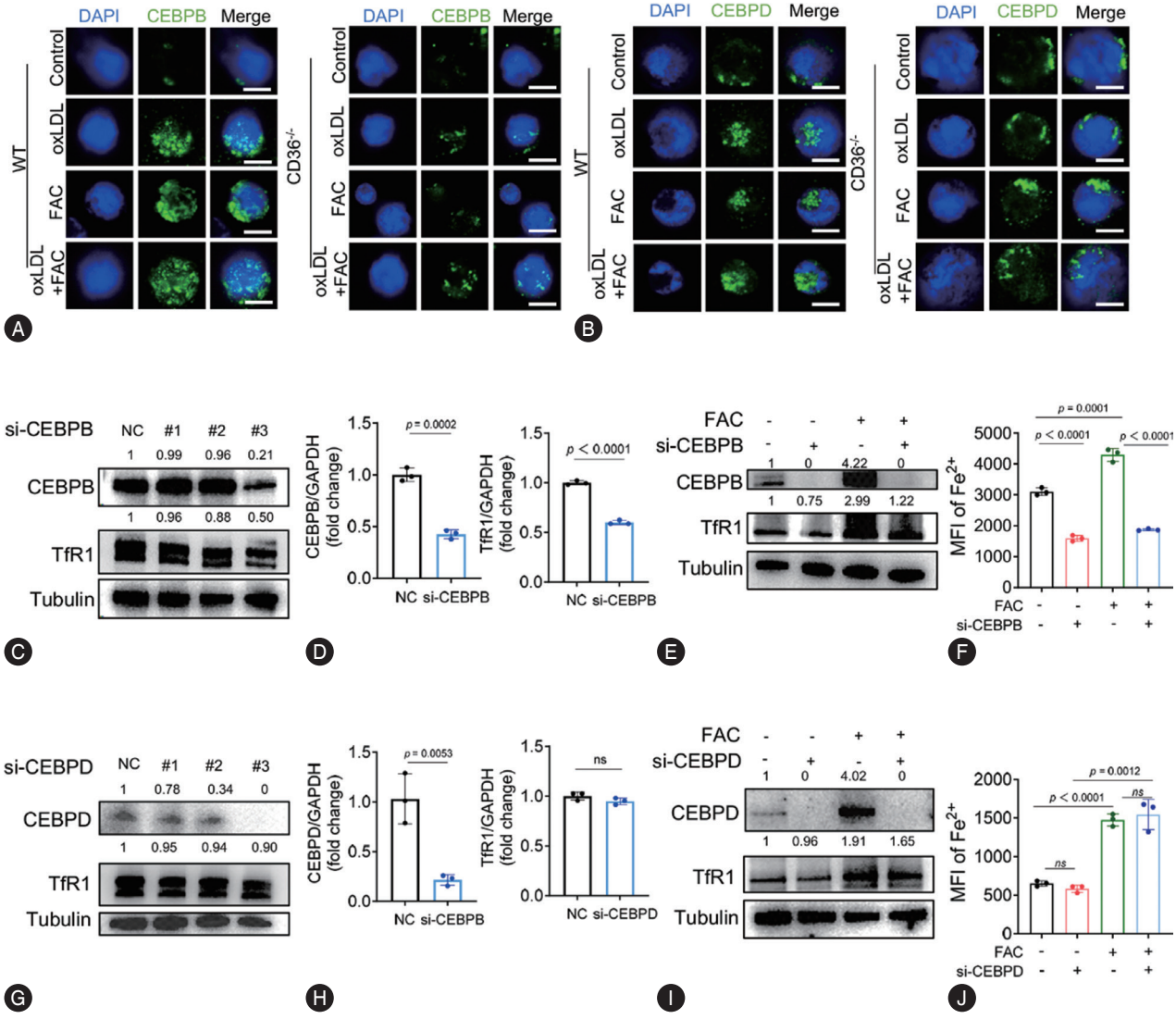

Supplementary Figure 13. CEBPB mediates TfR1 upregulation. Immunofluorescence staining of CEBPB (A) and CEBPD (B) in WT $CD8^+$ T and $CD36^{-/-}$ $CD8^+$ T cells treated with either vehicle control, oxLDL (50 μg/mL), FAC (5 mM), or the combination of oxLDL and FAC. Scale bar: 5 μm. (C) WT $CD8^+$ T cells were transfected with siCEBPB and the expression levels of TfR1 were analyzed by western blotting. (D) The mRNA levels of CEBPB and TfR1 in WT $CD8^+$ T cells transfected with siCEBPB. (E) WT $CD8^+$ T cells were transfected with siCEBPB treated with or without FAC and the expression levels of TfR1 were analyzed by western blotting. (F) Levels of Fe^{2+} were analyzed by flow cytometry. (G) WT $CD8^+$ T cells were transfected with siCEBPD and the expression levels of TfR1 were analyzed by western blotting. (H) The mRNA levels of CEBPD and TfR1 in WT $CD8^+$ T cells transfected with siCEBPD. (I) WT $CD8^+$ T cells were transfected with siCEBPD treated with or without FAC and the expression levels of TfR1 were analyzed by western blotting. (J) Levels of Fe^{2+} were analyzed by flow cytometry.

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