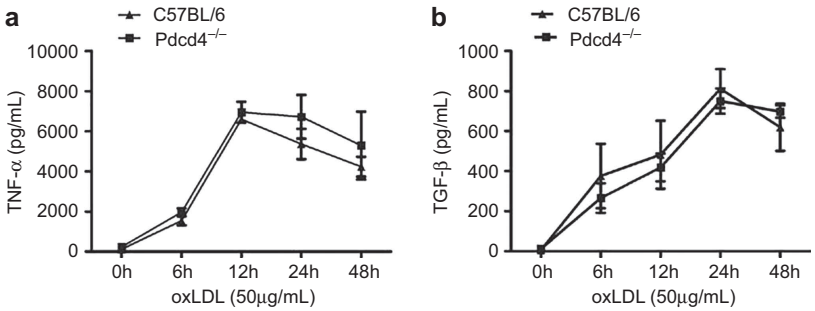
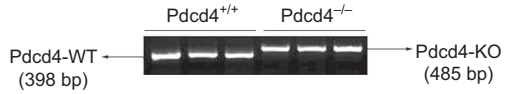
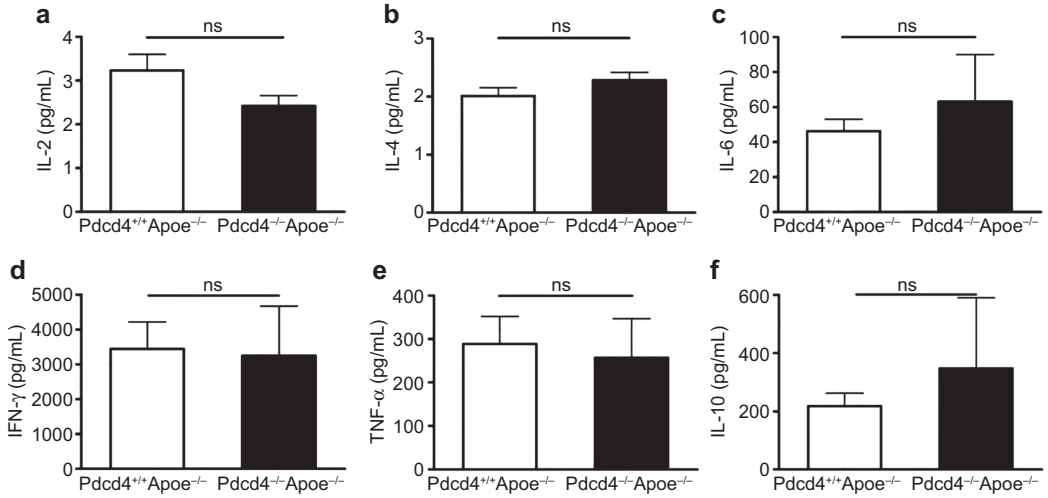


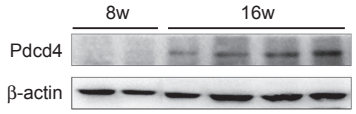
Supplementary Figure 1 The concentration of TNF-α and TGF-β in cultured supernatant of macrophages stimulated with oxLDL. Peritoneal macrophages of C57BL/6 and Pdcd4$^{-/-}$ mice were collected, cultured in vitro and stimulated with oxLDL (50μg/mL) for the indicated time points. The concentration of TNF-α (**a**) and TGF-β (**b**) in cultured supernatant in C57BL/6 and Pdcd4$^{-/-}$ macrophages was detected by ELISA.



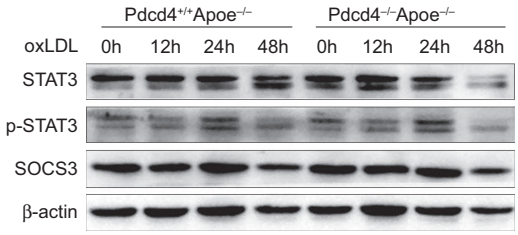
Supplementary Figure 2 The genotype of Pdcd4 deficiency mice. The genomic DNA as template was extracted from a small piece of tail from $Pdcd4^{+/+}Apoe^{-/-}$ and $Pdcd4^{-/-}Apoe^{-/-}$ mice aged 8 weeks old. The genotype of Pdcd4 was identified by PCR using specific primers for Pdcd4-WT and Pdcd4-KO.



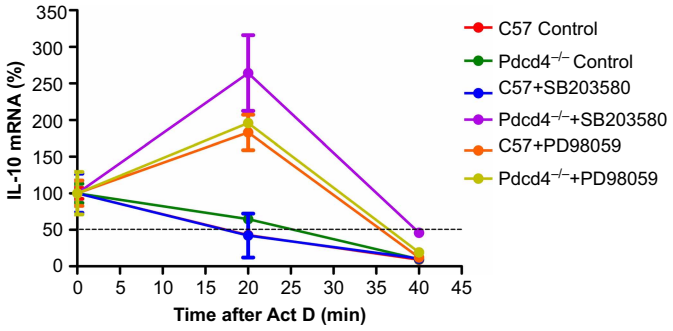
Supplementary Figure 3 Pdcd4$^{+/+}$Apoe$^{-/-}$ and Pdcd4$^{-/-}$Apoe$^{-/-}$ mice were fed a high-fat diet from the age of 8 weeks to 16 weeks. Splenocytes were stimulated with anti-CD3 monoclonal antibody (5μg/mL) in vitro for 3 days. The concentrations of IL-2, IL-4, IL-6, IFN-γ, TNF-α, IL-17 and IL-10 in cultured supernatant were detected by BD CBA Mouse Th1/Th2/Th17 Cytokine Kit. (**a-f**) The concentrations of IL-2 (a), IL-4 (b), IL-6 (c), IFN-γ (d), TNF-α (e) and IL-10 (f) between two genotype mice were analyzed by unpaired *t* test.



Supplementary Figure 4 The expression of Pdcd4 during the development of lesions in Apoe$^{-/-}$ mice. Protein was extracted from aortic arch and thoracic-abdominal aorta at 8 and 16 weeks old, respectively, and used for detection of the Pdcd4 expression by western blot.



Supplementary Figure 5 Peritoneal macrophages of Pdcd4$^{+/+}$Apoe$^{-/-}$ and Pdcd4$^{-/-}$Apoe$^{-/-}$ mice were collected, cultured in vitro and stimulated with oxLDL (50μg/mL) for 12h, 24h and 48h. The phosphorylated activation of STAT-3 and SOCS3 in macrophages were detected by Western blotting.



Supplementary Figure 6 Detection of IL-10 mRNA stability. WT and Pdcd4$^{-/-}$ peritoneal macrophages were treated with actinomycin D (10 μg/ml) for various times (0min, 20min, 40min) and IL-10 mRNA levels were analyzed by qPCR and normalized to 18S in absence or in presence of inhibitor of ERK (SB203580) and of P38 (PD98059) (20 μM).