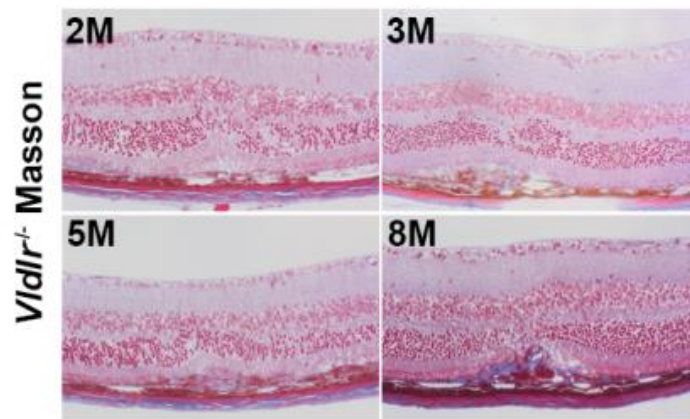


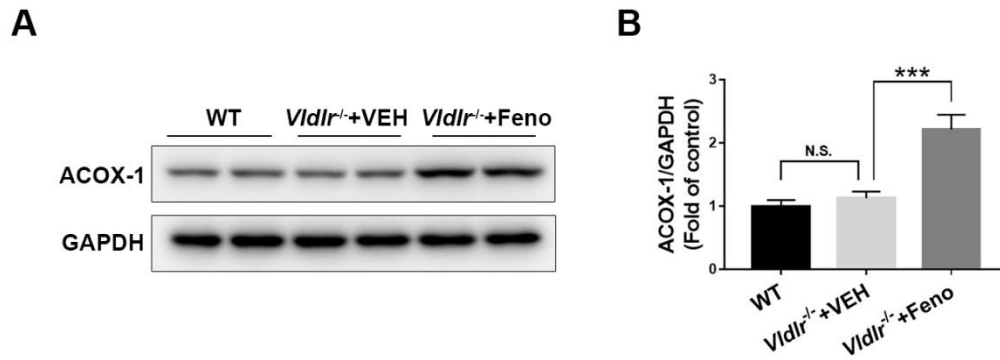
Supplemental Figures and Figure Legends

Supplemental Figure 1. Collagen deposition at different ages of *Vldlr*^{-/-} mice. Representative images of Masson staining of Collagen deposition in the lesion sites of *Vldlr*^{-/-} mice at ages of 2 months, 3 months, 5 months and 8 months.



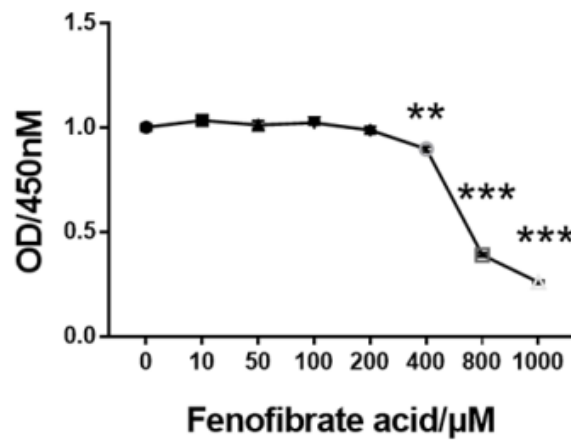
Supplemental figure 1

Supplemental Figure 2. Fenofibrate upregulates ACOX1 expression in the retina. (A, B) The protein expressions of ACOX-1 were measured in the retinas of WT mice and *Vldlr*^{-/-} mice fed with control chow (*Vldlr*^{-/-}+VEH) or fenofibrate chow (*Vldlr*^{-/-}+Feno) by Western blot analysis and quantified by densitometry. (mean±SEM; n=8. N.S.= non-significant, ***p<0.001)



Supplemental figure 2

Supplemental Figure 3. Different concentrations of fenofibric acid (FA) on viabilities of rMC-1 cells. The cell proliferation assay was performed in rMC-1 cells treated with different concentrations of FA as shown in the figure. No toxic effect of FA was observed at the concentrations of 10, 50, 100, 200 μ M. (mean \pm SEM; n=3. **P<0.01, ***p<0.001)



Supplemental figure 3