



**Supplementary Figure 6.** S1PR2 knockdown obviously alleviates liver injury in cholestatic liver fibrosis mice. AST (A) and ALT (B) levels in serum of WT mice and S1PR2<sup>-/-</sup> mice. Pro-inflammatory factors including TNF- $\alpha$  (C), IL-6 (D) in serum on ELISA. S1PR2, sphingosine 1-phosphate receptor 2; DDC, 3,5-diethoxycarbonyl-1,4-dihydrocollidine; AST, aspartate aminotransferase; ALT, alanine aminotransferase. \*\*\*P<0.005 compared with the control group. \*P<0.05 compared with the DDC model group.