



Supplementary Figure 6. Hepatic stellate cell-specific deletion of JCAD attenuated liver fibrosis in mice. (A) The semi-quantitative determination of α -SMA protein expression. β -Actin was used as a loading control ($n=3$). (B) Gene expression of WT and JCAD conditional knockout mouse (HSC-JCAD-KO) liver after BDL. (C) Primary HSCs were isolated from normal mice, JCAD-KO and HSC-JCAD-KO mice that underwent respectively 0, 5, and 14 days after BDL. mRNA levels were analyzed by quantitative RT-PCR analysis. HSCs from 3 livers were pooled to increase the yield and was seen as one *ex vivo* experiment, repeated 6 times ($n=6$). All data were expressed as mean \pm SD. **** $P<0.05$, 0.01, and 0.001 compared to WT-Sham or primary HSC isolated from WT mice at day 0. ##### $P<0.05$, 0.01, and 0.001 compared to WT-BDL or primary HSC isolated from WT mice at day 5 or 14.