



Supplementary Figure 5. HSC-specific JCAD depletion mitigated liver fibrosis especially in the perisinusoidal area. (A) Second harmonic generation/two-photon excitation fluorescence (SHG/TPEF) microscopy technology detection schematic diagram. (B) Heatmap for collagen fiber quantitation on a continuous scale by SHG/TPEF microscopy. (C) Zonal fibrosis quantitation, as a percentage change of fibrosis area, reveals marked fibrosis reduction in the perisinusoidal area (n=3). All data were expressed as mean±SD. ***P*<0.05, and 0.01 vs. WT-Sham mice; #*P*<0.05 vs. WT-BDL mice.