



Supplementary Figure 3. Decreased hepatic fibrogenesis and bile duct reaction in JCAD-KO-BDL mice. (A) Representative micrographs of Ki67 in livers of all groups. Images were taken at original magnification (100×). Scale bars=200 μm. (B) CK19 and Ki67-positive cells were counted. N=6 in each group. Images were taken at original magnification (100×) and the mean of 5 fields of view was calculated for each mouse. (C) Morphometrical quantitation of Masson and Sirius Red staining positive area (n=6). Images were taken at original magnification (100×) and the mean of 5 fields of view was calculated for each mouse. (D) Relative mRNA levels of *Ctgf* and *Col-1a1* in mouse liver were determined by quantitative RT-PCR analysis. Data are expressed as mean±SD, N=6 in each group. ****P<0.05, 0.01, and 0.001 vs. WT-Sham mice; #####P<0.05, 0.01, and 0.001 vs. WT-BDL mice.