

## Supplemental figure legends

**SFigure 1.** (A) Real-time PCR analysis of CYP2E1 mRNA levels. (B) Percentage of the survival mice after CCl<sub>4</sub> injection.

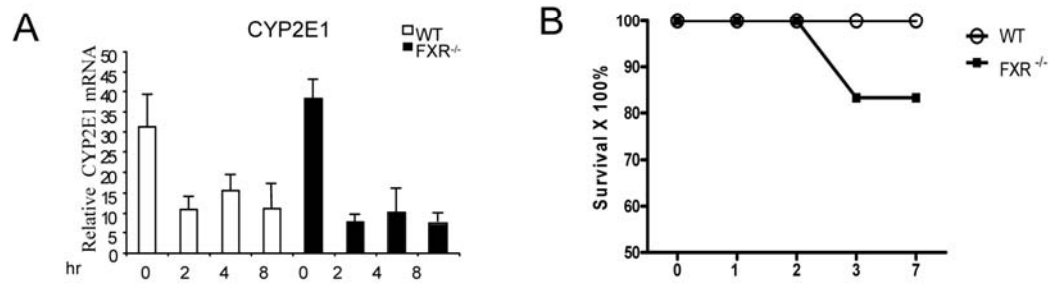
**SFigure 2.** (A) Real-time PCR analysis of VP16, FXR, and SHP in the wild-type mice treated with adenovirus by tail-vein injection. \*,  $p < 0.05$ . (B) Serum ALT and BAs in the FXR<sup>-/-</sup> mice infected with adenovirus. \*,  $p < 0.05$ .

**SFigure 3.** Real-time PCR analysis of hepatic IL-6 expression in 1% CA and control diet feeding mice after 70% PH (A), and after CCl<sub>4</sub> treatment (B), and in 4% Resin diet feeding mice after CCl<sub>4</sub> treatment (C), and in adenovirus-treated FXR<sup>-/-</sup> mice after CCl<sub>4</sub> treatment (D).

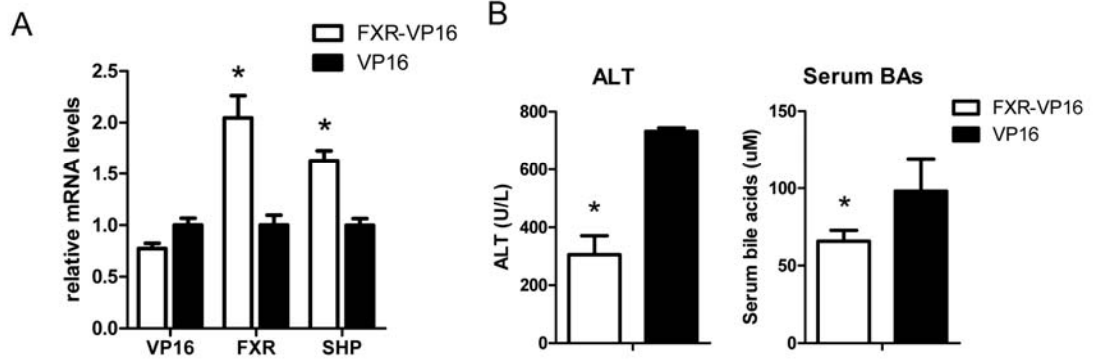
**SFigure 4.** (A)&(B) Quantification of phospho-STAT3 in 1% CA-containing food feeding mice with CCl<sub>4</sub> treatment and 70% PH, respectively. (C) Immunoblot analysis of gp130 protein levels and p38 $\alpha$  phosphorylation in 1% CA-containing-diet feeding mice after 70% PH.

**SFigure 5.** (A) Serum ALT and BAs in the wild-type mice fed with 0.2% CA- or 2% Resin-containing diet after CCl<sub>4</sub> treatment. \*,  $p < 0.05$ . ALT is shown as the average value of 4 mice for each group. (B) Real-time PCR analysis of FoxM1B and Cyclin D1. The relative mRNA levels are shown as the average value of 4 mice for each group. (C) & (D) Representative figures of TUNEL and H&E staining. (E) Representative figures of BrdU staining. (F) Quantification of proliferating and apoptotic cells in the liver of wild-type mice. \*,  $p < 0.05$ .

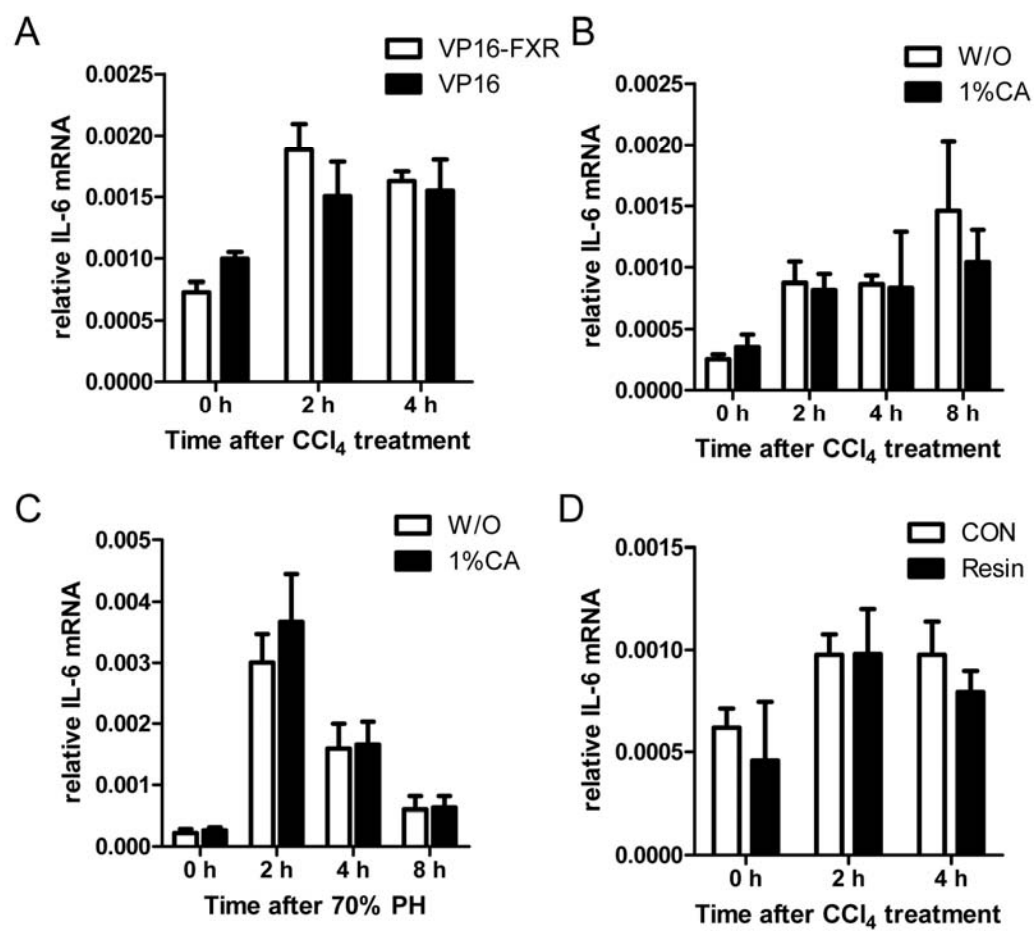
**SFigure 1**



**SFigure 2**

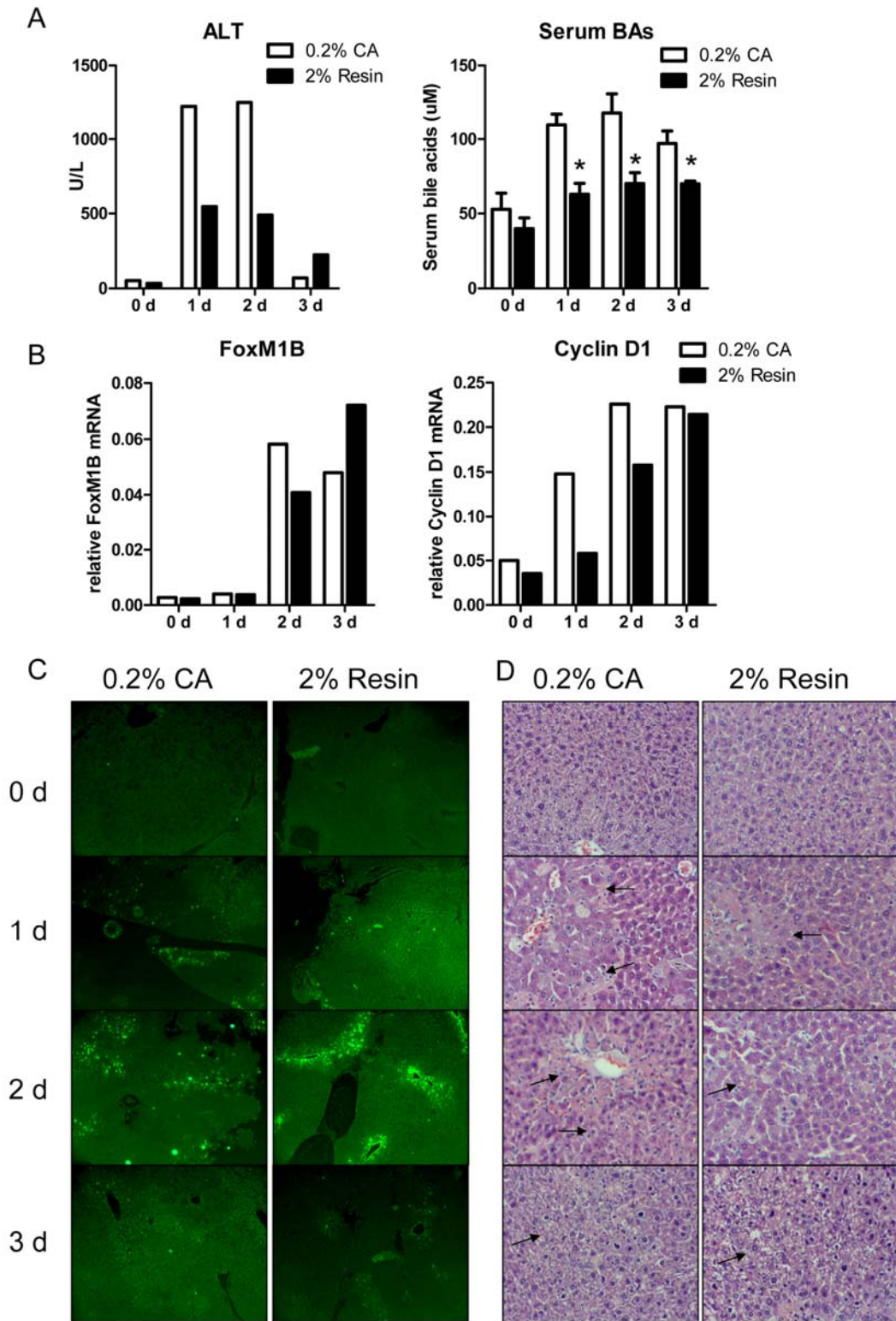


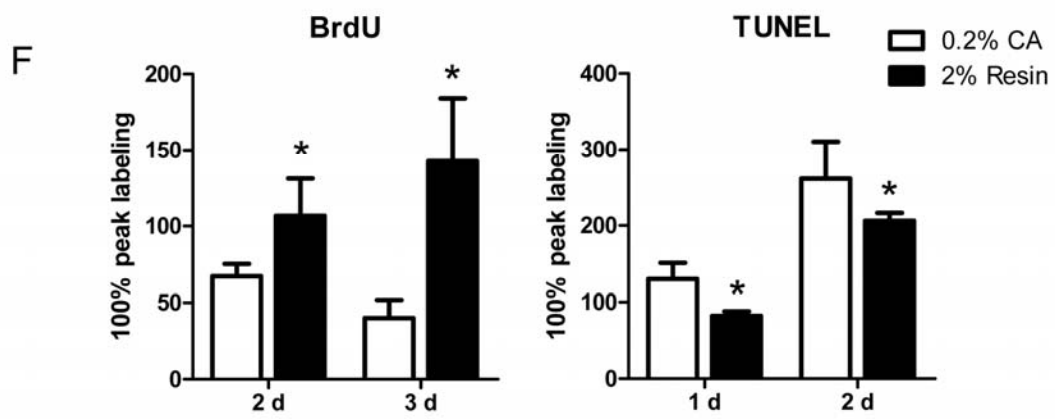
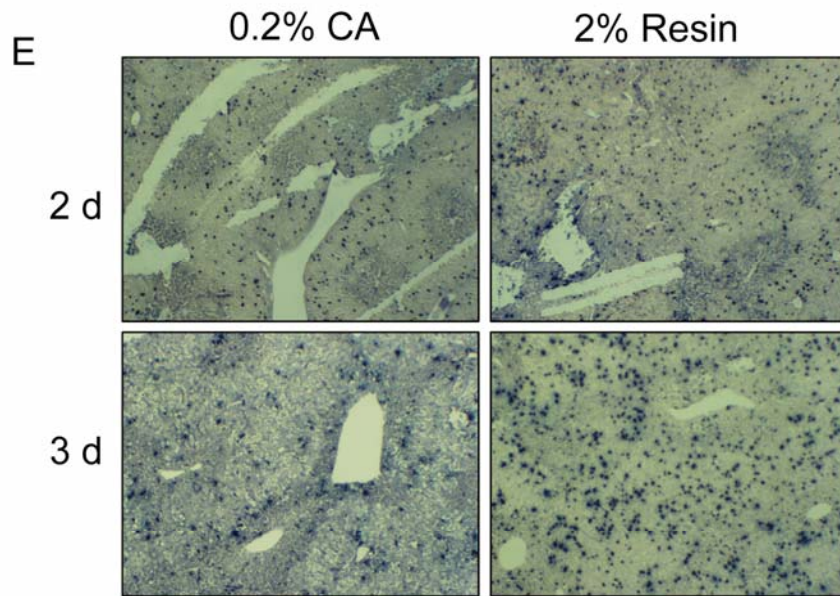
**SFigure 3**





**SFigure 5**





**STABLE 1**

<b>Real-time PCR primers</b>	<b>Sequences</b>
mBcl-xl-F	CTTTCGGGATGGAGTAAACTGG
mBcl-xl-R	CCCGTAGAGATCCACAAAAGTG
mBSEP-F	GGATGGTTTGACTGCACTTCTG
mBSEP-R	AGAGGACTGACAGCGAGAATCA
mc-Fos-F	ACTTCGACCATGATGTTCTCGG
mc-Fos-R	AAAGTTGGCACTAGAGACGGAC
mc-Jun-F	AGTGACGGACCGTTCTATGACTG
mc-Jun-R	TGAGAAGGTCCGAGTTCTTGGC
mc-Myc-F	CTTACAATCTGCGAGCCAGGAC
mc-Myc-R	GTACGGAGTCGTAGTCGAGGTC
mCyclinD1-F	TACTTCAAGTGCGTGCAGAAGG
mCyclinD1-R	CAAGGGAATGGTCTCCTTCATC
mCYP7A1-F	GACGAATTCATGATGAGCATTCTTTGATC
mCYP7A1-R	CATGCGGCCCGCCCTCTTCTTCCAACCACATAT
mFoxM1B-F	GGATTCCAAGAGAGCAGAGGTG
mFoxM1B-R	CCGATTCTGCTCCAGGTGACAA
mFXR-F	CTGCGTGATGGACATGTACATG
mFXR-R	CCTGCAAACTTGGTTGTGGAGG
mIL-6-F	CAAAGCCAGAGTCCTTCAGAG
mIL-6-R	TGGTCCTTAGCCACTCCTTC
mMRP2-F	CCAGTGCACGGTCATCACTATC
mMRP2-R	GGACCCATATTGGACAGCAGTT
mMRP3-F	ACCATCCGTACCCAGTTTGAAC
mMRP3-R	GGCCATCCCATAGAAGATGC
mMRP4-F	CCTCTTTTACAAGATGGTTTCAGCA
mMRP4-R	TCCATTGGAGGTGTTTCATAACC
mNTCP-F	ATCTGACCAGCATTGAGGCTCT
mNTCP-R	CCGTCTAGATTCCCTTTGCTGT
mOATP1-F	CCTGTTTACATTGGGGAAGCTCTG
mOATP1-R	GGGAGAAAGCTTGATCCTCTCA
mSHP-F	GTCTTTCTGGAGCCTTGAGCTG
mSHP-R	GTAGAGGCCATGAGGAGGATTC
mSOCS3-F	GTAGACTTCACGGCTGCCAAC
mSOCS3-R	AACTTGCTGTGGGTGACCAT
mTNFa-F	CGCCCTTCCAGAACTCCAGGCG
mTNFa-R	TGCTACGACGTGGGCTACAG
VP16-F	CTCGACGACTTGGGCTTTAG
VP16-R	TTTACACTCCCGGTACAGGTC