

Supplemental Digital Content

Table S1. Primer sequences for qRT-PCR.

| Gene | | Sequence 5'---3' |
|----------------|---------|------------------------|
| TNF- α | forward | TATGGCTCAGGGTCCAACCTC |
| | reverse | GGAAAGCCCATTGAGTCCT |
| IL-1 β | forward | GCACTACAGGCTCCGAGATGAA |
| | reverse | GTCGTTGCTTGGTTCTCCTTGT |
| β -actin | forward | GGAATGGGTCAGAAGGACTC |
| | reverse | CATGTCGTCCCAGTTGGTAA |

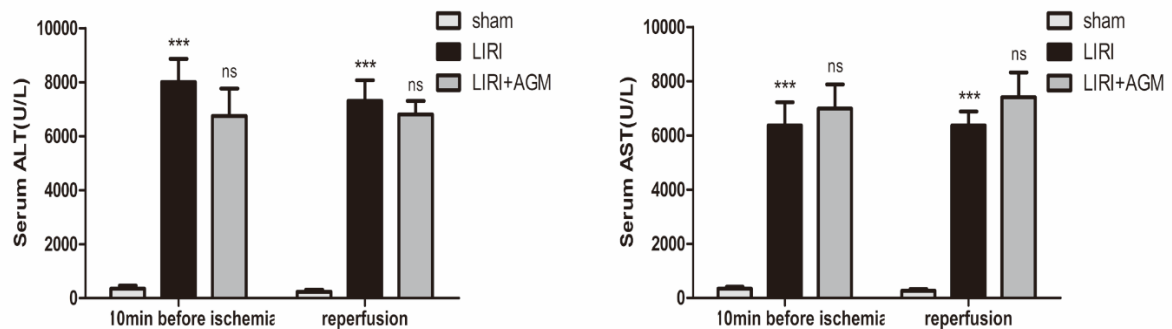


Figure S1. Serum ALT and AST levels of the preliminary studies. At the beginning of this study, we chose to use AGM at a dose of 100mg/kg 10 min before hepatic ischemia or at the same time with reperfusion. But there were no significant effects when AGM was injected for once. Serum ALT (left) and AST (right) levels of sham, LIRI and LIRI+AGM groups were shown. (n=4 mice per group). The experiments were repeated at least thrice. The data represent the mean \pm SEM. *** $P < 0.001$ versus the sham group.

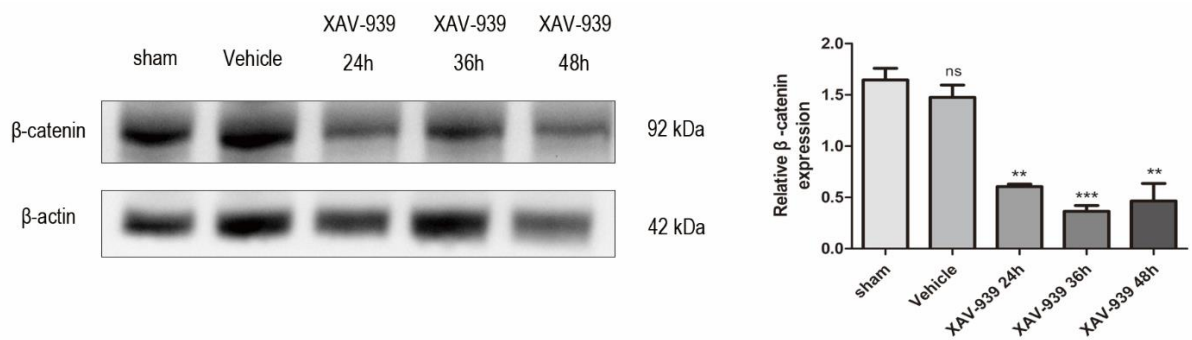


Figure S2. Expression of β-catenin in liver tissues at different time points after using XAV-939. (n=4 mice per group). The experiments were repeated at least thrice. The data represent the mean ± SEM. ** $P < 0.01$ and *** $P < 0.001$ versus the sham group.

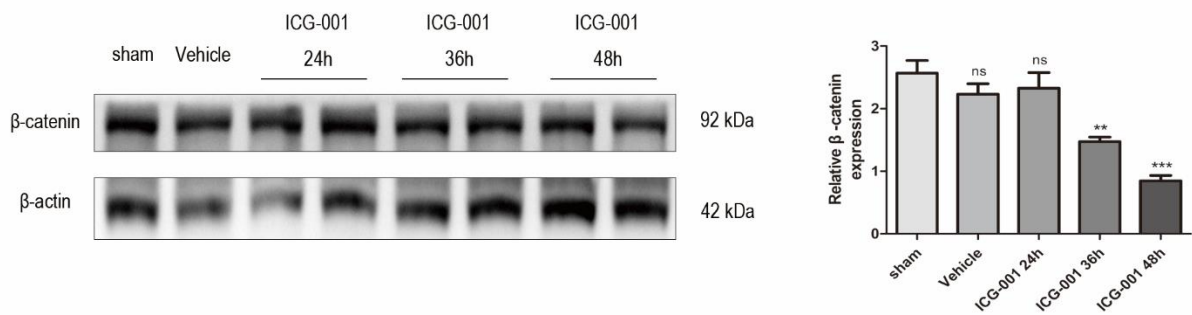


Figure S3. Expression of β-catenin in liver tissues at different time points after using ICG-001. (n=4 mice per group). The experiments were repeated at least thrice. The data represent the mean ± SEM. ** $P < 0.01$ and *** $P < 0.001$ versus the sham group.

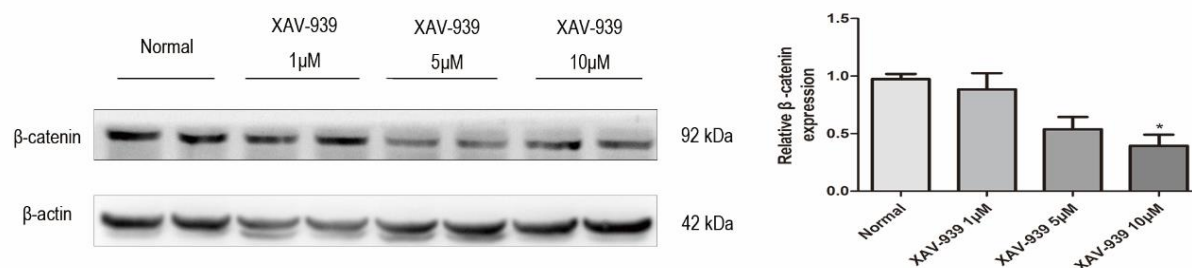


Figure S4. The protein levels of β-catenin in AML12 cells treated with different

concentrations of XAV-939. (n=3 samples per group). The experiments were repeated at least thrice. The data represent the mean \pm SEM. * $P < 0.05$ versus the normal group.

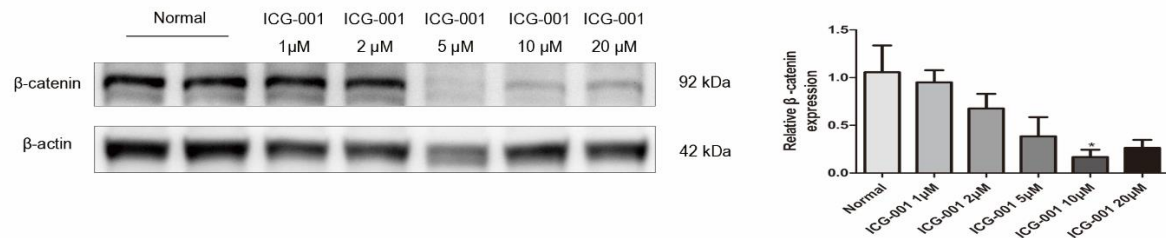


Figure S5. The protein levels of β -catenin in AML12 cells treated with different concentrations of ICG-001. (n=3 samples per group). The experiments were repeated at least thrice. The data represent the mean \pm SEM. * $P < 0.05$ versus the normal group.