Table S1: The related chracteristics of liver tissue samples of human subjects without steatosis, with simple steatosis and with NASH

Clinical Features	No steatosis n=8	Simple steatosis n=6	NASH n=28
Age (years)	39.55±11.14	35.50 ±10.47	34.03 ± 9.08
Gender			
Male	4	4	15
Female	4	2	13
Body mass index (kg/m2)	22.00±1.13	25.88±0.81	28.93±2.21
Insulin (U/L)	5.2 ± 2.5*	23.20 ± 12.58	33.26 ± 19.65
Triglycerides (mg/dL)	108.02±6.26	131.25±16.48	209.89±34.03
ALT (U/L)	22.82±2.92	29.86±5.02	85.89±13.87
AST (U/L)	19.70±1.42	22.31±1.75	52.43±11.92
γ-GT (U/L)	32.60±7.03	69.25±13.06	100.02±26.30
Steatosis (%)			
Grade 0	8 (100%)		
Grade 1		6 (100%)	
Grade 2			7(25%)
Grade 3			21 (75%)
Ballooning (%)			
Grade 0	8 (100%)		
Grade 1		6 (100%)	
Grade 2			7 (25%)
Grade 3			21(75%)
Lobular inflammation (%)			
Grade 0	8 (100%)		
Grade 1		6 (100%)	
Grade 2			7 (25%)
Grade 3			21 (75%)

Table S2

Kit	
Mouse IL-1 beta Platinum ELISA kit	R&D Systems, MLB00C
Mouse TNFα Platinum ELISA kit	R&D Systems, MTA00B
Mouse IL-6 Platinum ELISA kit	R&D Systems, M6000B
Mouse IL-8 Platinum ELISA kit	R&D Systems, D8000C
Mouse IL-17 Platinum ELISA kit	R&D Systems, M1700
Mouse IL-18 Platinum ELISA kit	R&D Systems, 7625

Table S3

Antibody		
IKKα	CST	2628S
Phospho-IKKα	CST	2697S
IKKβ	abcam	ab55404
P65	CST	8242S
Phospho-P65	CST	3033S
SOCS2	CST	2779S
NLRP3	abcam	ab214185
Caspase-1-P20	Proteintech	22915-1-AP
β-actin	Proteintech	66009
Bax	CST	14796S
Bcl-2	CST	3498S

Table S4

Gene	Species	Forward Primer	Reverse Primer
IL-1b	Mus	GCAACTGTTCCTGAACTCAACT	ATCTTTTGGGGTCCGTCAACT
TNFa	Mus	CCCTCACACTCAGATCATCTTCT	GCTACGACGTGGGCTACAG
IL-6	Mus	CCAAGAGGTGAGTGCTTCCC	CTGTTGTTCAGACTCTCTCCCT
IL-8	Mus	CAAGGCTGGTCCATGCTCC	TGCTATCACTTCCTTTCTGTTGC
IL-17	Mus	TTTAACTCCCTTGGCGCAAAA	CTTTCCCTCCGCATTGACAC
IL18	Mus	CAAGGCTGGTCCATGCTCC	TGCTATCACTTCCTTTCTGTTGC
SOCS2	Mus	AGTTCGCATTCAGACTACCTACT	TGGTACTCAATCCGCAGGTTAG
β-actin	Mus	GGCTGTATTCCCCTCCATCG	CCAGTTGGTAACAATGCCATGT
SOCS2	Ho	TTAAAAGAGGCACCAGAAGGAAC	AGTCGATCAGATGAACCACACT
IL-1b	Ho	ATGATGGCTTATTACAGTGGCAA	GTCGGAGATTCGTAGCTGGA
TNFa	Ho	CCTCTCTCTAATCAGCCCTCTG	GAGGACCTGGGAGTAGATGAG
IL-6	Ho	ACTCACCTCTTCAGAACGAATTG	CCATCTTTGGAAGGTTCAGGTTG
IL-8	Ho	ACTGAGAGTGATTGAGAGTGGAC	AACCCTCTGCACCCAGTTTTC
IL-17	Ho	GAGCCCCAAAAGCAAGAGGAA	TGCGGGCATACGGTTTCATC
IL18	Ho	TCTTCATTGACCAAGGAAATCGG	TCCGGGGTGCATTATCTCTAC
CCL8	Ho	TGGAGAGCTACACAAGAATCACC	TGGTCCAGATGCTTCATGGAA
GCNT3	Ho	TCTGGGCTGCTATATGCTGC	GTTGATAGACCTCTTTGCTGGAA
CCL3	Ho	AGTTCTCTGCATCACTTGCTG	CGGCTTCGCTTGGTTAGGAA
CISH	Ho	GAACTGCCCAAGCCAGTCAT	GCTATGCACAGCAGATCCTCC
ADAM19	Ho	GGGAGCCTGGATGGACAAG	AGCTTTGAGTGGATGCTTTTCTC
RC3H1	Ho	TCCACAATGGACGGATTTCCT	AACCCAAACTGATGGGCTTTC
FOSB	Ho	GCTGCAAGATCCCCTACGAAG	ACGAAGAAGTGTACGAAGGGTT
CLCF1	Ho	TTTCAACGAGCCAGACTTCAAC	GAGGCCACGCAAGTAACACA
PANX2	Ho	TTCGCCGCCATCATGTACG	GGTAACAGTTGTCGATCTCCTG
HAS2	Ho	TCCTGGATCTCATTCCTCAGC	TGCACTGAACACACCCAAAATA
PRICKLE4	Ho	CTGCTTCGAGAACCGCTACTC	GTCCCTTCCTTCAGTTCGGTC
PDP1	Ho	CCTGCAAATGCACCCATTGAG	CTGCCTGGGAACAAGCACAA
β-actin	Ho	CATGTACGTTGCTATCCAGGC	CTCCTTAATGTCACGCACGAT