RNA sequence analysis of rat acute experimental pancreatitis with and without fatty liver: a gene expression profiling comparative

study.

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Running title: gene expression profiling of rat acute pancreatitis with fatty liver

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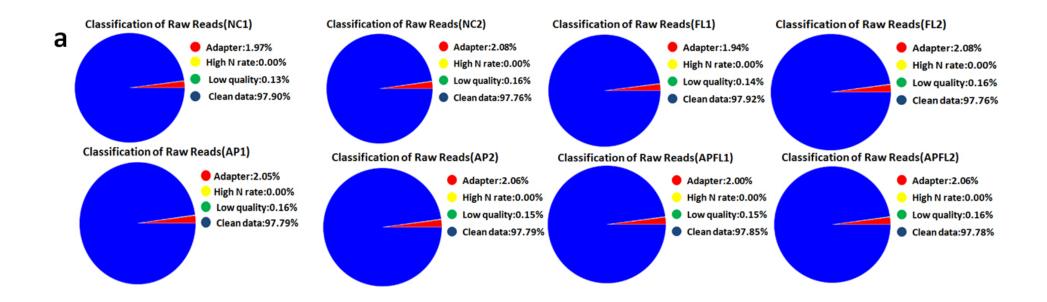
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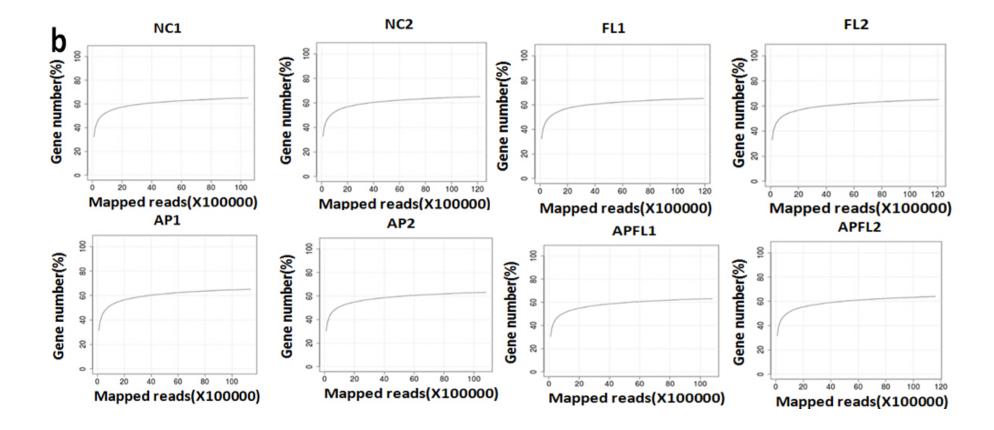
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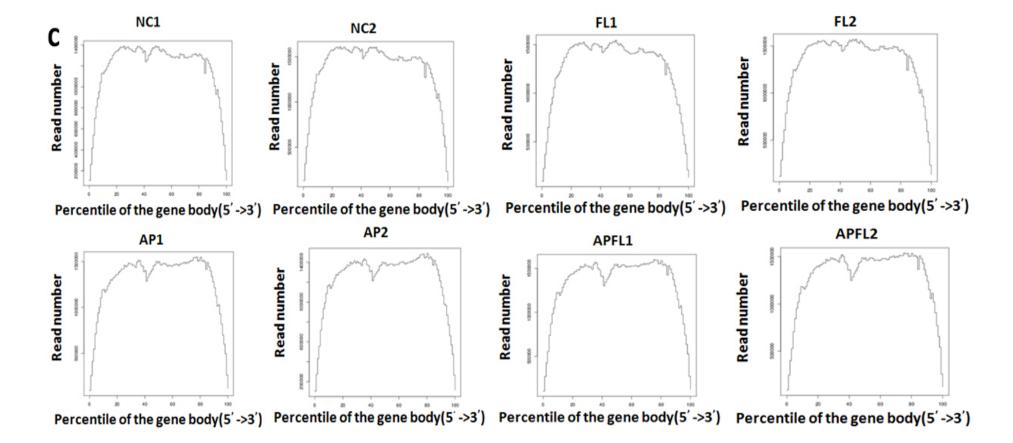
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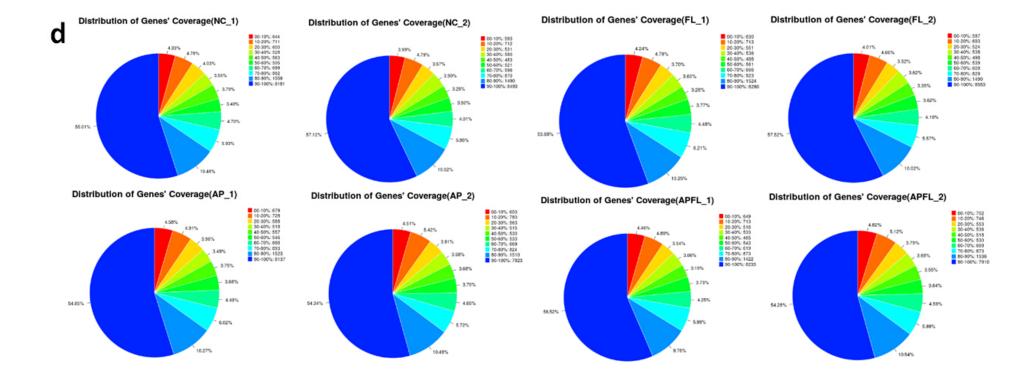
Supplementary Figure S1

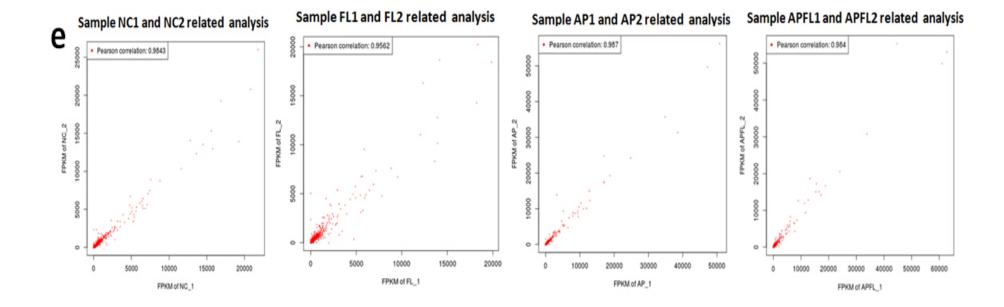
RNA sequencing quality assessment. Sequence reads quality assessment (a); Sequencing saturation analysis (b); Distribution of reads on reference genes of sample (c); Statistics of gene coverage (d); Correlations of expression values between replicates (e).











Supplementary Table S1

ACADM

ACADSB

ALDH1B1

HADH

Supplementary Table S1 Primers for commonlydysregulated genes involved in PPAR and lipid metabolismfrom mRNA expression profiling results for quantitative RT-PCR validation.	
Gene	Primer sequences(5'-3')
PPARα	ForwardGGCAATGCACTGAACATCGAG
	ReverseGCCGAATAGTTCGCCGAAAG
ACSL1	ForwardTTCGCAGTGGCATCGTCAG
	Reverse TGTGATCATCAGCCGGACTTTC
CPT1A	Forward AGGTCGGAAGCCCATGTTGTA
	ReverseGCTGTCATGCGCTGGAAGTC
EHHADH	ForwardCTCGCCCAGAGCACATTGA
	ReverseACCCAACTGAGGCAGCATAGAAC
ACAA1A	ForwardGCATCTCACGGCAGAAGCAA

Reverse TACGATCTCAGCACGGAAGCAG

Forward AATGCCCTATGTTTCGCACCTC
Reverse TGCTTCAACTTCAATGCCCATC
ForwardACATGGGTCAGTGCTGCTGTG

ReverseACCTGAGGTCCCTGTTGAGTGTC
ForwardAGCACAGACCTGGTGGTGGA

ReverseAGACGTGTTGCTGGCAAAGATG

ForwardGCGTGACAGAACCCTCAGCA Reverse TCCACGATGAATCCGGTGAA