

Supplementary Table 3. Significantly deregulated genes in Liver from rats on HCD or SD.

Gene	Name	Fold change	P value	Corrected P value
Dbp	D-box binding PAR bZIP transcription factor	2.89	1.47e-39	1.53e-35
Mfsd2a	major facilitator superfamily domain containing 2A	1.63	3.51e-34	1.82e-30
Il6r	interleukin 6 receptor	1.09	4.15e-22	1.44e-18
Por	cytochrome p450 oxidoreductase	1.02	1.79e-18	4.32e-15
Usp2	ubiquitin specific peptidase 2	1.55	2.47e-18	4.32e-15
Per1	period circadian regulator 1	1.50	2.49e-18	4.32e-15
Nr1d1	nuclear receptor subfamily 1, group D, member 1	1.01	1.46e-17	2.17e-14
Herpud1	homocysteine inducible ER protein with ubiquitin like domain 1	1.11	3.08e-16	3.56e-13
Rnf125	ring finger protein 125	-1.18	6.00e-14	6.23e-11
Per3	period circadian regulator 3	2.20	2.34e-12	2.03e-09
Osgin1	oxidative stress induced growth inhibitor 1	-1.18	3.34e-12	2.67e-09
Creld2	cysteine-rich with EGF-like domains 2	1.05	5.15e-12	3.82e-09
RGD1562310	RIKEN cDNA 2410131K14 gene	1.10	3.38e-11	2.19e-08
Angptl4	angiopoietin-like 4	-1.00	1.67e-10	8.91e-08
Cxcl10	C-X-C motif chemokine ligand 10	-1.12	8.41e-10	4.16e-07
Ciart	circadian associated repressor of transcription	2.46	1.01e-09	4.75e-07
Srms	src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites	-1.25	9.98e-09	3.58e-06
Cib2	calcium and integrin binding family member 2	-1.17	1.27e-08	3.96e-06
Zfp354a	zinc finger protein 354A	1.64	1.29e-08	3.96e-06
Nim1k	NIM1 serine/threonine protein kinase	-1.30	1.01e-07	2.47e-05
Mybl1	MYB proto-oncogene like 1	-1.01	1.02e-07	2.47e-05
Gtse1	G-2 and S-phase expressed 1	1.16	1.52e-07	3.50e-05