**Supplementary Table 3. Fold-change and *p*-value of mRNA gene expression in NASH as compared to healthy conditions at day 8 and day 10**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Gene** | **Day 8** | |  | **Day 10** | | **Gene description** |
| **Fold-change** | ***p*-value** | **Fold-change** | ***p*-value** |
| ABCB1 | 1.0 | 0.99 |  | 1.2 | 0.76 | ATP binding cassette subfamily B member 1 |
| ABCB11 | 1.6 | 0.39 |  | 2.1 | 0.005 | ATP binding cassette subfamily B member 11 |
| ABCC2 | -1.2 | 0.87 |  | 1.1 | 0.90 | ATP binding cassette subfamily C member 2 |
| ACTA2 | -2.9 | 4.93E-15 |  | -2.4 | 1.469E-11 | actin, alpha 2, smooth muscle, aorta |
| CCL2 | 4.1 | 8.72E-10 |  | 5.6 | 2.515E-20 | C-C motif chemokine ligand 2 |
| CD274 | 1.7 | 0.05 |  | 2.8 | 4.681E-10 | CD274 molecule |
| COL1A1 | -1.9 | 0.002 |  | -2.8 | 8.858E-12 | collagen type I alpha 1 chain |
| CXCL8 | 13.4 | 4.25E-45 |  | 14.6 | 2.934E-62 | C-X-C motif chemokine ligand 8 |
| CXCL10 | 10.6 | 3.89E-13 |  | 22.7 | 5.981E-33 | C-X-C motif chemokine ligand 10 |
| CYP3A4 | -1.3 | 0.80 |  | -1.8 | 0.10 | cytochrome P450 family 3 subfamily A member 4 |
| CYP7A1 | 1.9 | 0.23 |  | 3.2 | 3.545E-05 | cytochrome P450 family 7 subfamily A member 1 |
| ICAM1 | 2.2 | 0.06 |  | 3.1 | 3.342E-05 | intercellular adhesion molecule 1 |
| ICAM2 | 2.9 | 9.63E-08 |  | 7.1 | 1.334E-36 | intercellular adhesion molecule 2 |
| IL6 | 3.0 | 6.48E-05 |  | 1.9 | 0.006 | interleukin 6 |
| MAP3K5 | 1.7 | 3.08E-08 |  | 2.6 | 6.875E-26 | mitogen-activated protein kinase kinase kinase 5 |
| MMP2 | 1.5 | 0.16 |  | 2.0 | 0.0001 | matrix metallopeptidase 2 |
| MMP9 | 3.2 | 0.002 |  | 6.6 | 2.651E-13 | matrix metallopeptidase 9 |
| UGT1A1 | -1.3 | 0.82 |  | 1.2 | 0.66 | UDP glucuronosyltransferase family 1 member A1 |
| UGT2B7 | -1.2 | 0.94 |  | -1.0 | 0.97 | UDP glucuronosyltransferase family 2 member B7 |
| VCAM1 | 2.5 | 2.71E-07 |  | 3.0 | 9.886E-14 | vascular cell adhesion molecule 1 |

Fold-change of counts per million values and *p*-value calculated with DESeq2. Significant differentially-expressed genes are defined by *p*<0.05.

Abbreviation: ATP, adenosine triphosphate.