

Human Hepatotoxicity PCR Array

Cholestasis: ABCB1, ABCB4, ABCC2, ABCC3, ATP8B1, ICAM1, OSTALPHA, PDYN, RDX.

Steatosis:

Up-Regulated: CD36, FASN, LPL, SCD.

Down-Regulated: PPARA, SREBF1.

Phospholipidosis:

Up-Regulated: ASAH1, FABP1, HPN, LSS, MRPS18B, S100A8, SERPINA3, WIPI1

Down-Regulated: SLC2A3, TAGLN.

Regulated: ABCB1, FXC1.

Hepatotoxicity:

Up-Regulated: ALDOA, APEX1, BTG2, CCNG1, CDKN1A, DDX39A, KRT8, KRT18, MRPS18B, TXNRD1, YBDC.

Down-Regulated: AVPR1A, BHMT, CA3, CXCL12, CYP1A2, FADS1, FMO1, HAO2, IGFALS, MBL2, RB1,

Regulated: ABCB11, FXC1, MAOB, PYGL.

Nongenotoxic Hepatocarcinogenicity:

Up-Regulated: ALDOA, APEX1, BTG2, CCNG1, CDKN1A, DDX39A, KRT8, KRT18, MRPS18B, TXNRD1.

Necrosis:

Up-Regulated: CD68, COL4A1, IL6ST, IPO4, MAP3K6, NUS1, OSMR, PSME3, SERPINE1, SKIL, SLC39A6, TMEM2.

Down-Regulated: CDC14B, FAM158A, KIAA1370, L2HGDH, LGR5, MCM10, MLXIPL, RHBG.

Regulated: CDKN1A, DDX39A.