



Figure S1

Results of Ingenuity Pathway Analysis (IPA) using a stringent cutoff on expression level of DEGs.

a) Genes within the areas of $\text{Log}_2[\text{expression level}] > 8$ and $|\text{log}_2[\text{fold change}]| > 0.5$ (red) on the M-A plots, used in IPA analysis. **b)** Top biological functions identified among the DEGs. Red line indicates $-\log_{10}(\text{P-value})$ and bars indicate the numbers of DEGs associated with respective pathways. Bar color indicates the activation z-score; red for activation with z score ≥ 2 , blue for inhibition with z score ≤ -2 . **c)** Top diseases and functions identified among the DEGs by IPA hepatotoxicity analysis, showing liver cancer being the mostly affected disease(s).