

Table S2 Hepatic pathways enriched in rHeps and iHeps cells, related to Figure 3.

| Enriched pathways | rHeps | | iHeps | |
|---|-------------|----------|-------------|----------|
| | FDR q-Val | NES | FDR q-Val | NES |
| Adipocytokine signaling pathway | 0.0499851 | 2.087687 | 0.05410332 | 2.318348 |
| Arginine and proline metabolism | 0.001199262 | 4.188258 | 0.1385875 | 1.618363 |
| Bile secretion | 0.01472299 | 2.83033 | 0.06067794 | 2.198905 |
| Biosynthesis of unsaturated fatty acids | 0.001199262 | 4.210528 | 0.03064826 | 3.081796 |
| Drug metabolism - cytochrome P450 | 0.00000 | 6.549075 | 0.04944426 | 2.656177 |
| Fatty acid elongation | 0.0499851 | 2.089091 | 0.05410332 | 2.545572 |
| Fatty acid metabolism | 0.00000 | 7.716632 | 0.1121858 | 1.750578 |
| Glutathione metabolism | 0.00000 | 5.779929 | 0.001500476 | 5.237071 |
| Glycerophospholipid metabolism | 0.0288329 | 2.448261 | 0.1947902 | 1.360305 |
| Glycosaminoglycan biosynthesis - chondroitin sulfate / dermatan sulfate | 0.1112854 | 1.567521 | 0.2107233 | 1.304257 |
| Glycosaminoglycan biosynthesis - keratan sulfate | 0.1219354 | 1.514257 | 0.1003299 | 1.828563 |
| Peroxisome | 0.00000 | 7.269767 | 0.06362403 | 2.132557 |
| PPAR signaling pathway | 0.00000 | 6.63638 | 0.04944426 | 2.640003 |
| Primary bile acid biosynthesis | 0.001710999 | 3.97593 | 0.1219661 | 1.703811 |
| Steroid biosynthesis | 0.05909453 | 1.951556 | 0.06425409 | 2.114037 |
| Synthesis and degradation of ketone bodies | 0.04186058 | 2.20043 | 0.1003299 | 1.835649 |
| Sulfur metabolism | 0.06346566 | 1.878367 | 0.01875716 | 3.441163 |
| Metabolism of xenobiotics by cytochrome P450 | 0.00000 | 7.766024 | 0.05410332 | 2.334036 |