

Supplementary Data



Figure S1. Representative photographs of the devices for a human-size liver graft (left) and the liver perfusion culture system in an incubator (right).



Figure S2. Decellularized whole liver scaffold from a 30kg pig following a standardized human-scale whole-liver decellularization protocol. The macrographs of liver (A) before and (B) after decellularization. Scale bars: 10 cm. (C) H&E staining of decellularized liver. Scale bar: 100  $\mu$ m.