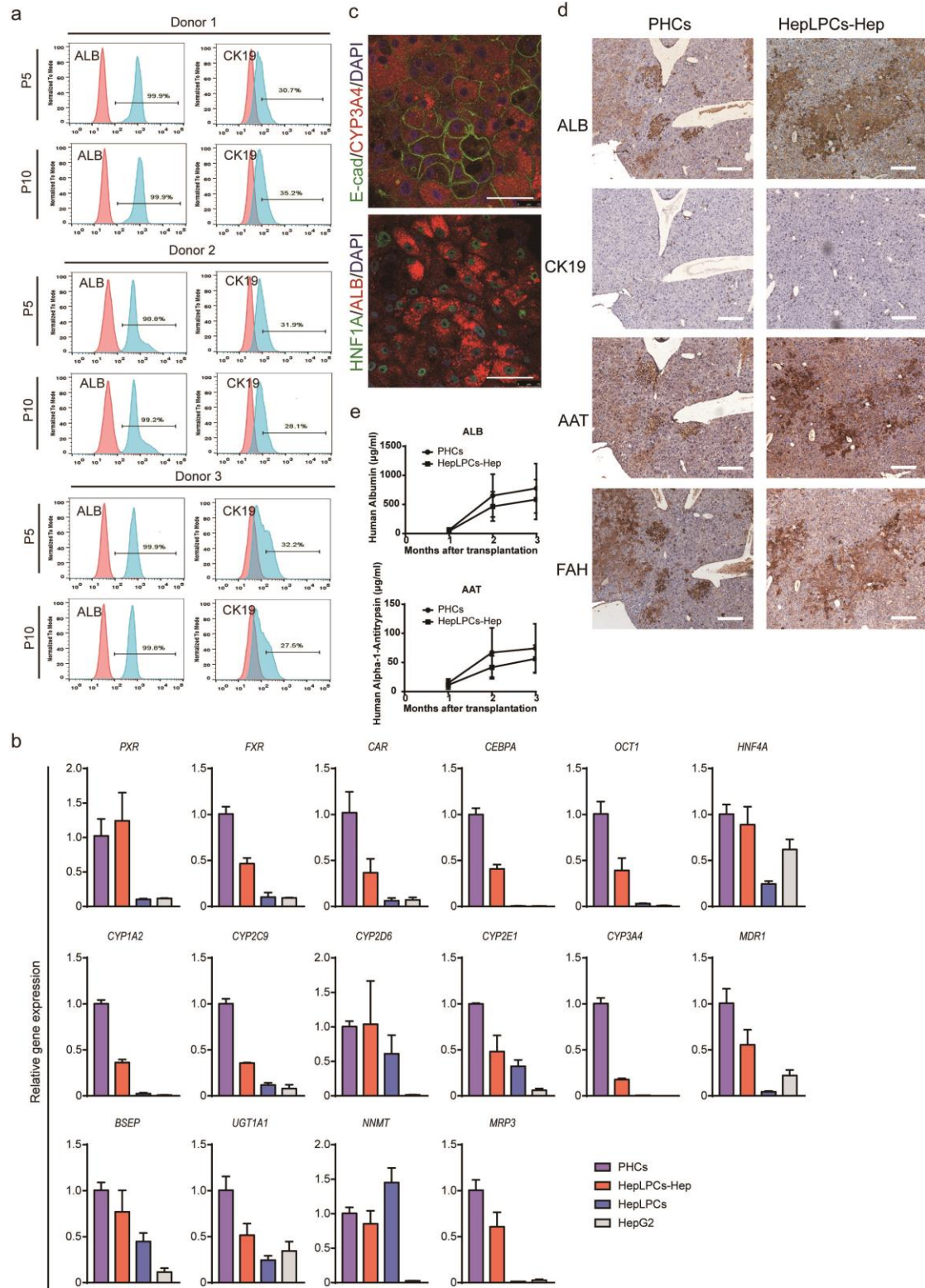


Fig. S7



Supplementary information, fig. S7 Expression changes of hepatic markers during hepatic differentiation of HepLPCs, related to fig. 4. (a) Flow cytometric analysis showing the proportion of ALB or CK19 positive cells in HepLPCs-Hep differentiated from HepLPCs at passage 5 or 10 from 3 individual donors. Blue, positive cells; red, negative controls. (b) QPCR analyses for the expression of liver function related genes in PHCs (freshly isolated), HepLPCs-Hep, HepLPCs and HepG2. Error bars represent s.d.; n = 3 donors. (c) Immunofluorescence images of E-cadherin, CYP3A4, HNF1A and ALB in HepLPCs-Hep. Scale bars, 50 μ m. (d) Immunohistochemical staining of human ALB, CK19, AAT and FAH. Scale bars, 100 μ m. (e) Serum levels of human serum albumin and alpha-1-antitrypsin in mice transplanted with HepLPCs.