

**Supplementary information, Fig. S7 Analysis of HHyPs in the human hepatoblast differentiation pathway. a** Projection of human HHyPs (black circle) onto the developmental pathway of human hepatoblasts. Arrows indicate the directions of hepatocyte (blue) and cholangiocyte (red) differentiation. **b** PCA plots showing the expression levels of HHyP-related markers in human (H) hepatobiliary cells, HHyPs, and mouse (M) hepatobiliary cells.