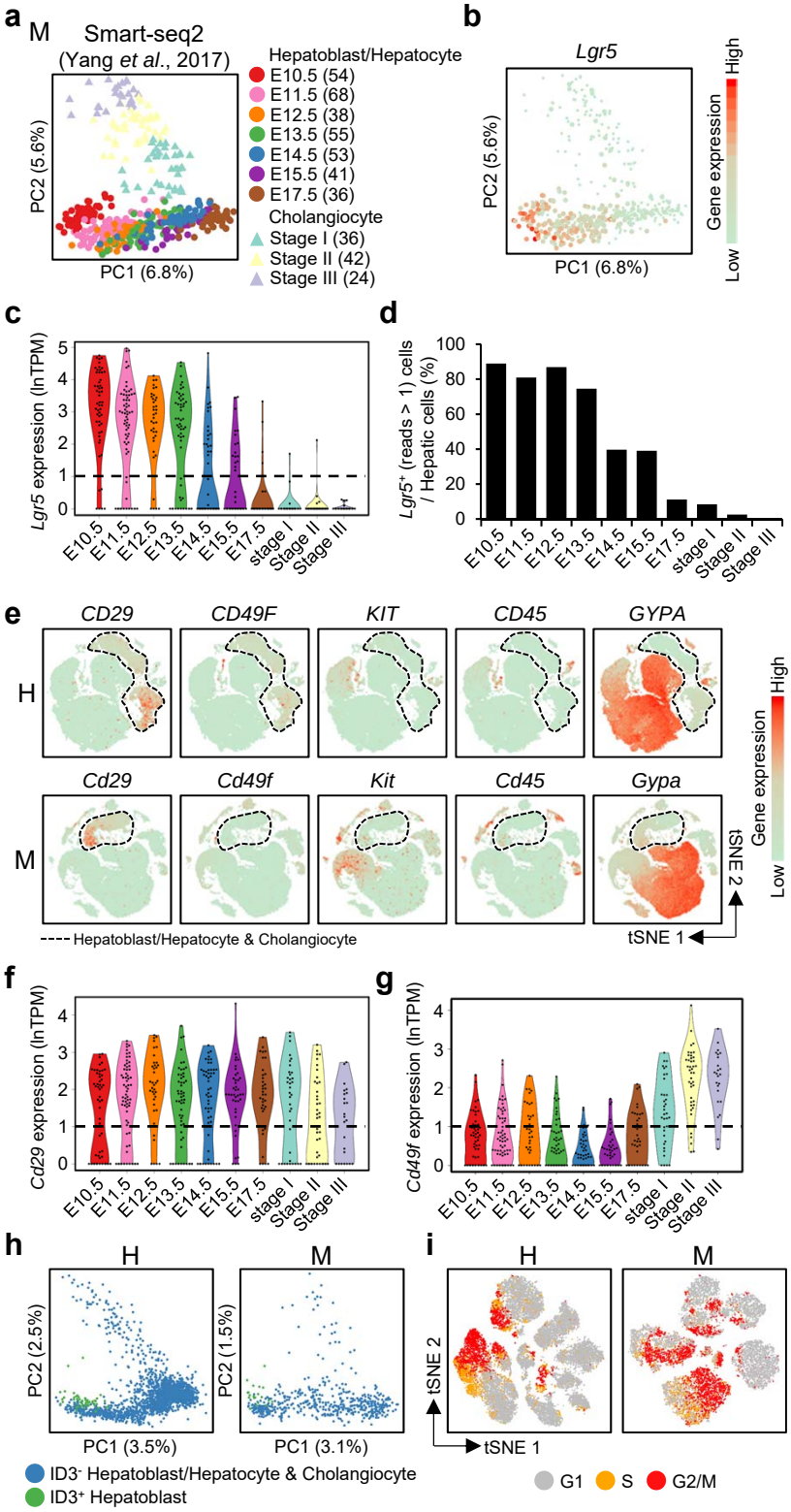
Wang/Xu Figure S5



Supplementary information, Fig. S5 Expressions of fetal liver progenitor markers.

a PCA plot of Smart-seq2 datasets showing the classifications and stages of hepatoblasts/hepatocytes and cholangiocytes[5]. **b** PCA plot showing *Lgr5* expression in the hepatoblasts/hepatocytes and cholangiocytes. **c** Violin plots showing the expression levels of *Lgr5* in the hepatoblasts/hepatocytes and cholangiocytes. Each dot represents a single cell. The dashed line indicates the threshold of *Lgr5* expression. **d** The proportion of *Lgr5*$^+$ cells in the hepatoblasts/hepatocytes and cholangiocytes based on the Smart-seq2 analysis. **e** t-SNE plots showing the expression patterns of several genes. Hepatoblasts/hepatocytes and cholangiocytes are enclosed in the dashed lines. **f, g** Violin plots showing the expression levels of *Cd29* (**f**) and *Cd49f* (**g**) in the hepatoblasts/hepatocytes and cholangiocytes based on the Smart-seq2 analysis. Each dot represents a single cell. The dashed lines indicate the threshold of *Cd29* and *Cd49f* expression. **h** PCA plots showing the distribution of ID3$^+$ hepatoblasts in the hepatoblast differentiation pathways of humans (H) and mice (M). **i** Identification of cell cycle phases in hepatobiliary cells from human (H) and mouse (M) fetal livers.