

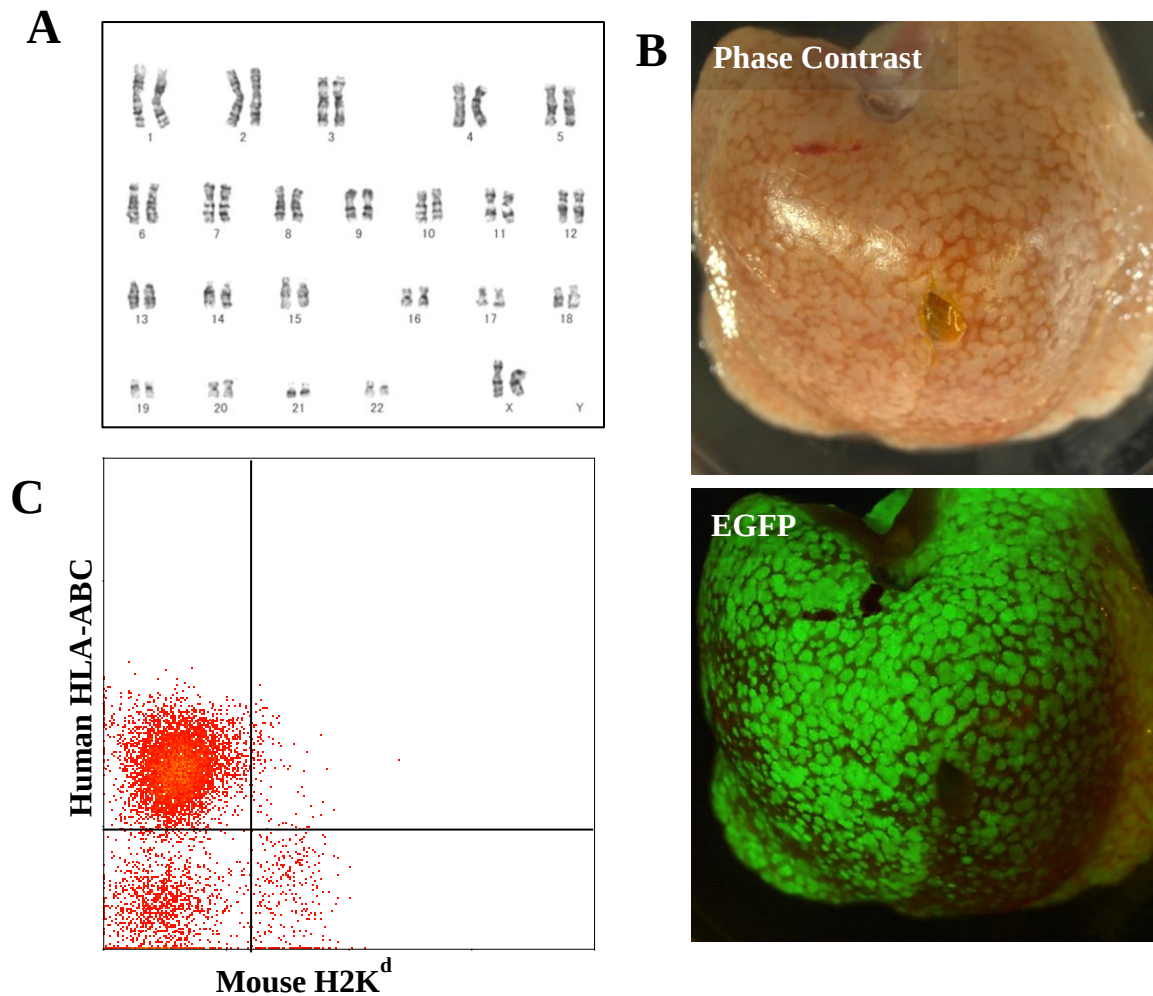


Figure S5. Assessment of in vivo engrafted human HpSCs in uPA-NOG mice, Related to Figure 6. A. Representative karyotyping image of expanded HpSC cultured for 50 days (P8), illustrating a normal chromosomal count ($n = 46$). B. Image of a macroscopic whole mouse liver 1 month after transplantation of human BMI1-overexpressing HpSCs. GFP fluorescence shows human EGFP-HpSCs. C. Flow cytometric analysis of mice liver engrafted with human HpSCs. Cells were analyzed with human HLA-ABC and mouse H2K^d expression in dissociated humanized livers of 1 month. The HLA antibody does not cross react with mouse cells ($n = 3$ independent experiments).