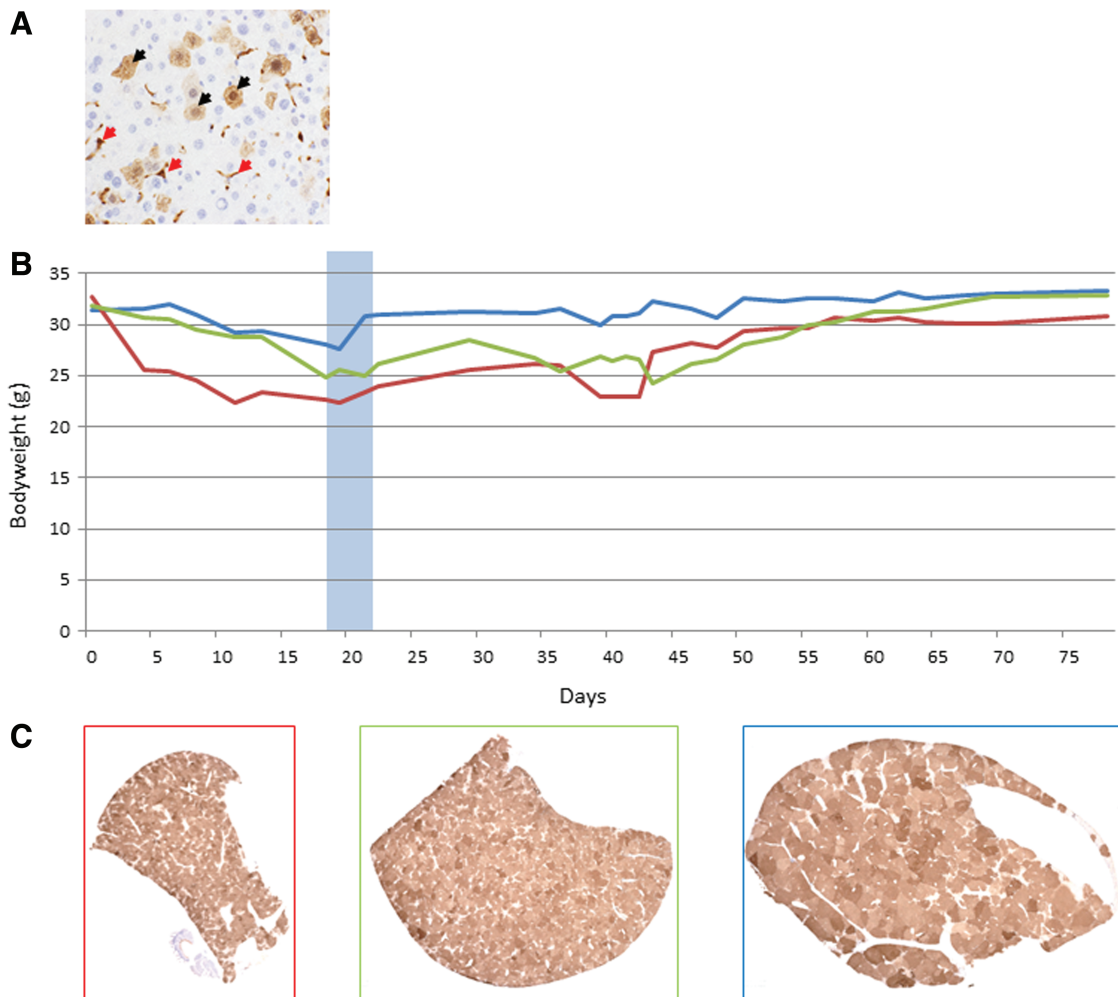


Supplementary Data



Supplementary Figure 1. Transduction and expression of lentiviral vectors in wild type and fumarylacetoacetate hydrolase (Fah)^{-/-} mice. **(A)** Immunohistochemistry of wild type mouse liver 1 week after intravenous administration of 1×10^9 TU (4×10^{10} TU/kg) of a lentiviral vector expressing green fluorescent protein under cytomegalovirus promoter to demonstrate initial transduction into hepatocytes (black arrows) as well as Kupffer cells (red arrows). **(B)** Body weight gains in two Fah^{-/-} mice administered LV-FAH at 7×10^{10} TU/kg (green and red lines) and one Fah^{-/-} mouse administered LV-FAH at 3×10^{11} TU/kg showing a single administration of NTBC (shaded blue bar) prior to achieving 2-(2-nitro-4-trifluoromethylbenzoyl)-1,3-cyclohexanedione (NTBC)-free growth. **(C)** Immunohistochemistry of FAH showing expression of transgene in liver repopulated with FAH-positive hepatocytes (colored outlines correspond to bodyweight graph above).