

Supplementary Material

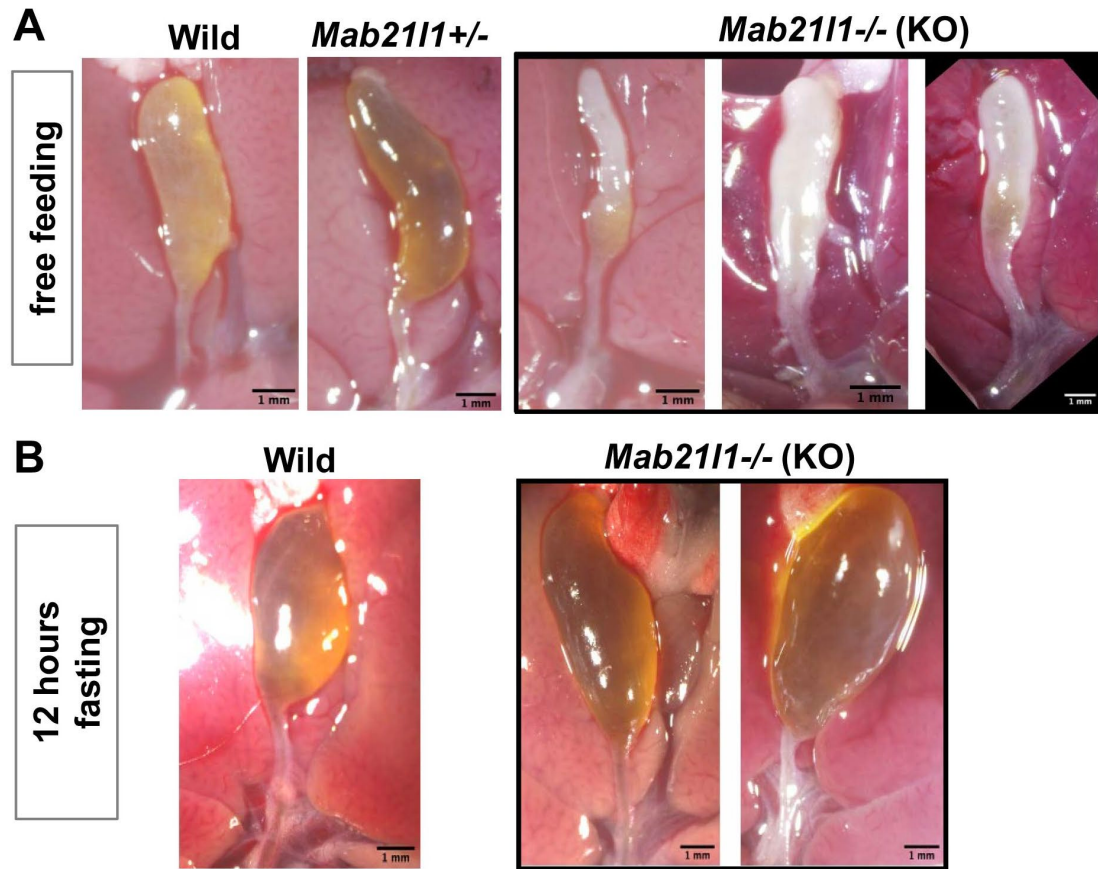


Figure S1

Fig. S1. Shrunk gallbladder appearance of free-feeding *Mab21l1*^{-/-} mice

The shape of the gallbladder in *Mab21l1*^{-/-} and their wild-type and *Mab21l1*^{+/-} littermates fed freely (A) and fasted for 12 hours (B). *Mab21l1*^{-/-} mice have a contracted gallbladder in a free-feeding state, but their gallbladders can normally expand after 12 hours of fasting. Scale bar: 1 mm.

Supplementary Movie S1.

FG cholangiography of the extrahepatic bile duct system in a newborn mouse. Video image (fast-forward ×64 in timescale). See [14].