Supplementary Table 1. Thirty-four Genes Included in the Institutional Neonatal Cholestasis Gene Panel

Gene	Disease
ABCB11	PFIC type 2
ABCB4	PFIC type 3
ABCC2	Dubin-Johnson syndrome
AKR1D1, *AMACR*, *CYP7B1*, *HSD3B7*, *CYP7A1*	Congenital bild acid synthesis defect
VPS33B	Arthrogryposis, renal dysfunction, and cholestasis 1
VIPAS39	Arthrogryposis, renal dysfunction, and cholestasis 2
ATP8B1	PFIC type I
BAAT	Bile acid conjugation defect I
CLDN1	Sclerosing cholangitis
CYP27A1	Cerebrotendinous xanthomatosis
DGUOK	Mitochondrial DNA deletion syndrome
DHCR7	Smith-Lemli-Opitz syndrome
FAH	Tyrosinemia
JAG1	Alagille syndrome type 1
TRMU	Liver failure, transient infantile
MPV17	Mitochondrial DNA deletion syndrome
NOTCH2	Alagille syndrome type 2
NPC1, *NPC2*	Niemann-Pick disease
NR1H4	PFIC type 5
PKHD1	Congenital hepatic fibrosis with ARPKD
POLG	Mitochondrial DNA deletion syndrome
PRKCSH	Polycystic liver disease
SERPINA1	α1-Antitrypsin deficiency
SLC10A1, *SLC10A2*	Bile acid malabsorption
SLC25A13	Citrin deficiency
SLCO1B1	Rotor syndrome
SLCO1B3	Rotor syndrome
TJP2	PFIC type 4

PFIC, progressive familial intrahepatic cholestasis; DNA, deoxyribonucleic acid; ARPKD, autosomal recessive polycystic kidney disease.