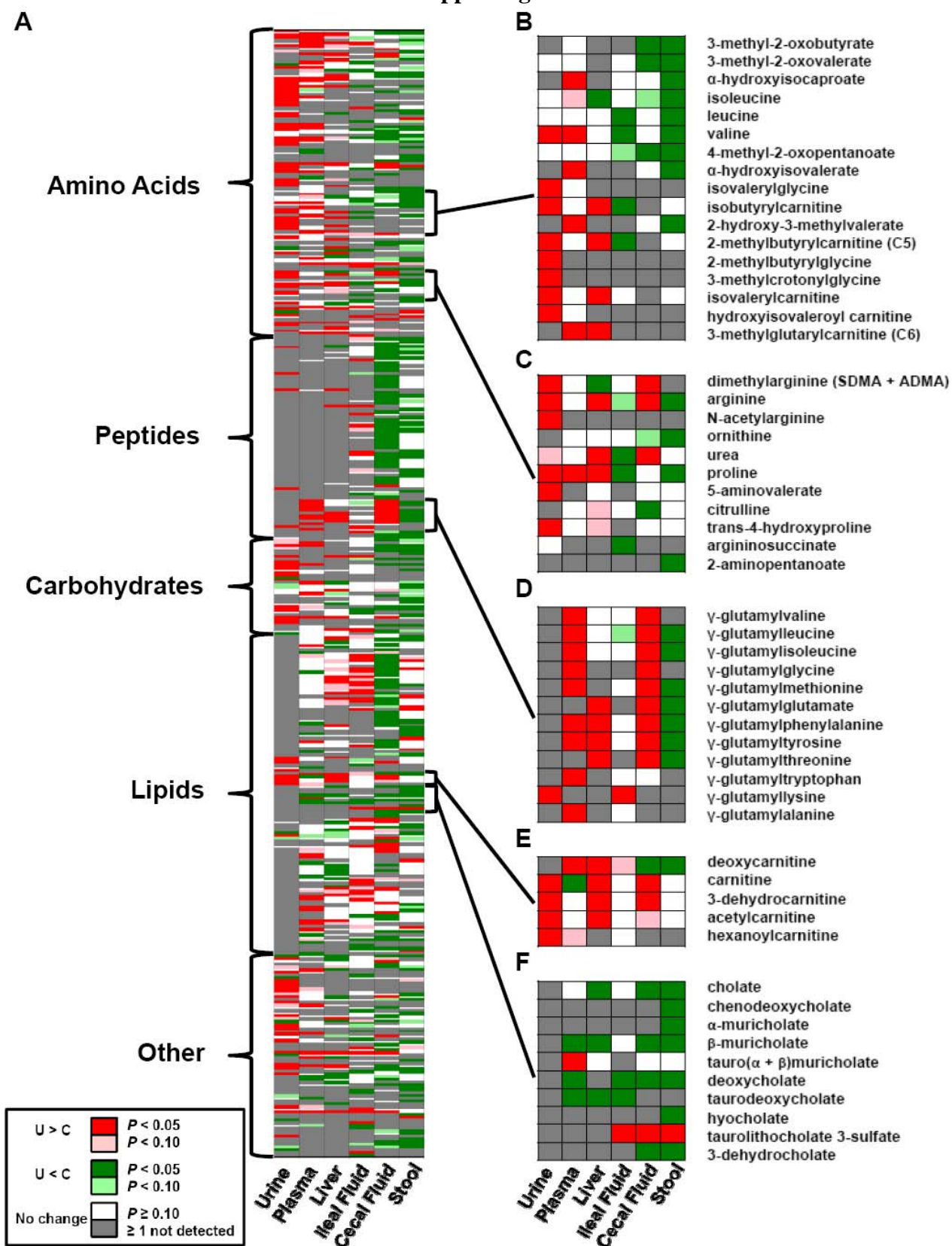


Online Supporting Material



Supplemental Figure 2. Urine, plasma, liver, ileal fluid, cecal fluid, and stool metabolites showing change in U compared to C mice at d 16 of age. Global heat map (A), BCAA catabolism (B), urea cycle metabolites (C), γ -glutamyl peptides (D), carnitine metabolism (E), bile acids (F); $n = 8$ (pools of 4 littermate pups). BCAA, branched-chain amino acid; C, control pups; U, pups separated from their dams for 4 h at 5-d-old, 8 h at 6-d-old, and 12 h at 7- to 15-d-old.