



**Supplementary Figure 1 Increased levels of cytokines and mtDNA are associated with acute liver failure diagnosis.** A positive correlation was demonstrated for IL-6 (A and B), IL-10 (C and D), TNF $\alpha$  (E and F) IL-8 (G), IFN $\gamma$  (H), and mtDNA (I and J) with hepatic encephalopathy (HE) and coagulopathy (INR). All cytokines were detected in picograms per milliliter (pg/mL), and the mtDNA was detected in nanograms per 100 microliter (ng/100  $\mu$ L) of the plasma samples. INR: International normalized ratio; HE: Hepatic encephalopathy; IL-6: interleukin 6; IFN $\gamma$ : Interferon gamma; TNF $\alpha$ : Tumor necrosis factor alpha.