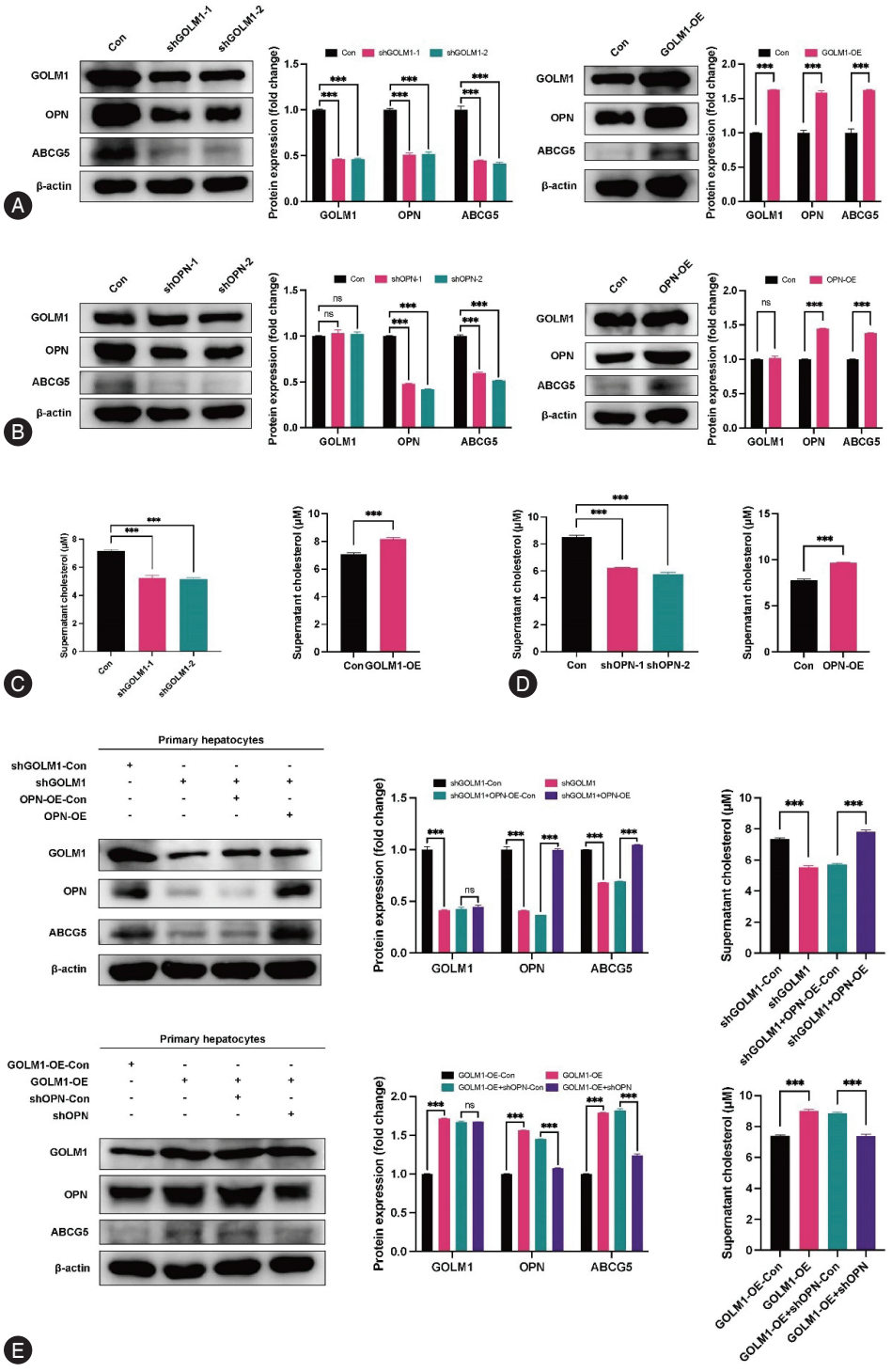

Supplementary Figure 6. GOLM1 promotes cholesterol efflux through OPN in primary hepatocytes. (A) GOLM1, OPN, and ABCG5 protein expressions in H-shGOLM1-1/-2 and H-GOLM1 cells. (B) GOLM1, OPN, and ABCG5 protein expressions in H-shOPN-1/-2 and H-OPN cells. (C) Supernatant cholesterol concentration in H-shGOLM1-1/-2 and H-GOLM1 cells. (D) Supernatant cholesterol concentration in H-shOPN-1/-2 and H-OPN cells. (E) GOLM1, OPN, and ABCG5 protein expressions and supernatant cholesterol concentration in shGOLM1, shGOLM1+OPN-OE, GOLM1-OE, and GOLM1-OE+shOPN primary hepatocytes. ns, nonsignificant; ***P<0.005. ABCG5, ATP binding cassette transporter subfamily G member 5; GOLM1, Golgi membrane protein 1; H-GOLM1 cells, GOLM1-overexpressing primary hepatocytes; H-OPN cells, OPN-overexpressing primary hepatocytes; H-shGOLM1 cells, GOLM1-knockdown primary hepatocytes; H-shOPN cells, OPN-knockdown primary hepatocytes; OPN, osteopontin.