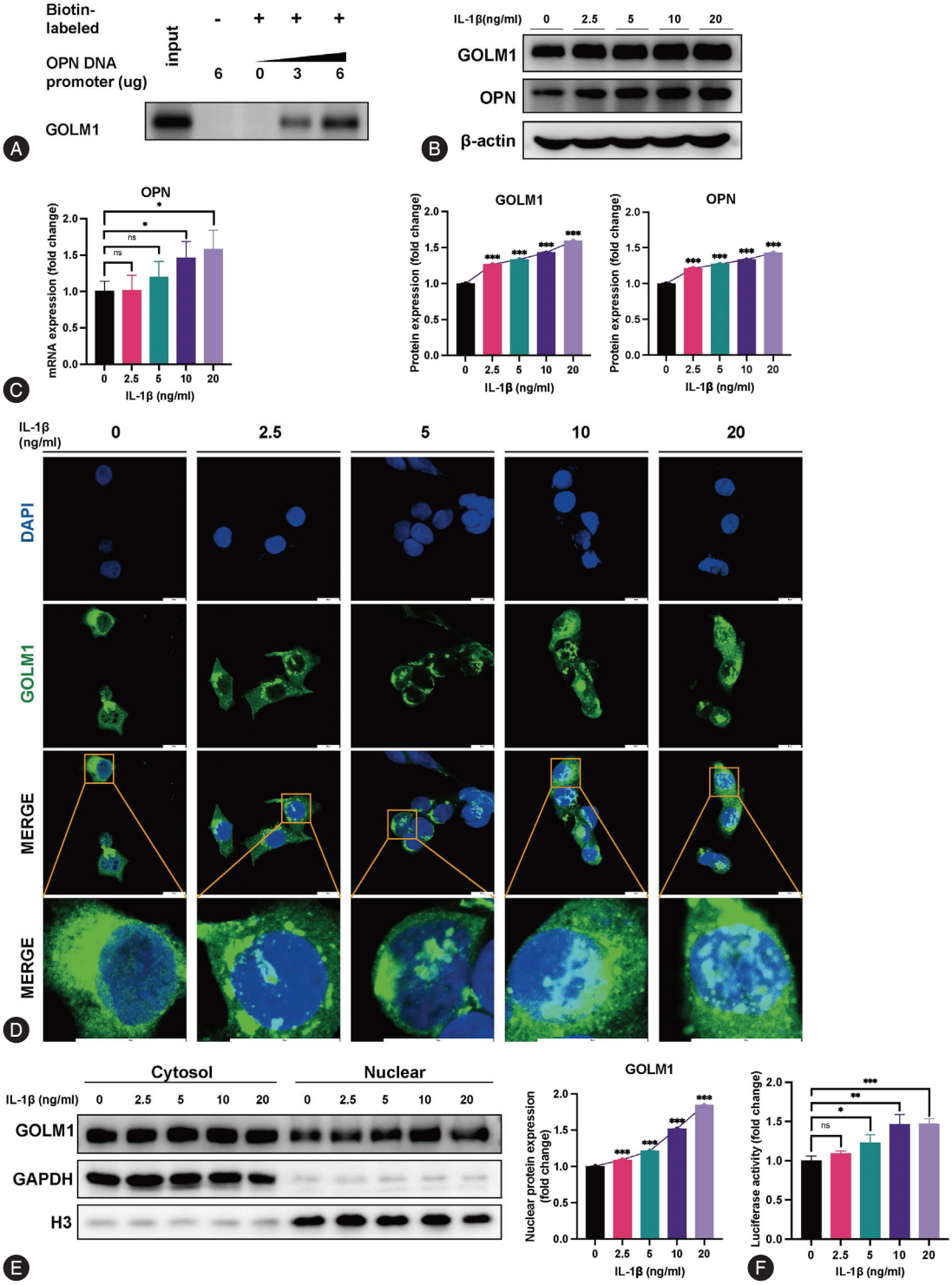

Supplementary Figure 9. IL-1β promotes GOLM1 expression and nuclear translocation. (A) DNA pull-down assay detecting the enrichment of GOLM1 protein in OPN promoter. (B) The effect of IL-1β on the protein expressions of GOLM1 and OPN in HepG2-GOLM1 cells. (C) The effect of IL-1β on OPN mRNA expression in HepG2-GOLM1 cells. (D) IF analysis showed the effect of IL-1β on GOLM1 localization in HepG2-GOLM1 cells. Scale bar, 20 μm. (E) GOLM1 expression in nucleus and cytoplasm of HepG2-GOLM1 cells supplemented with indicated concentrations of IL-1β. (F) Dual luciferase reporter assay of the luciferase activity of HepG2-GOLM1 cells supplemented with indicated concentrations of IL-1β. ns, nonsignificant; **P*<0.05, ***P*<0.01, ****P*<0.005. GOLM1, Golgi membrane protein 1; HepG2-GOLM1 cells, GOLM1-overexpressing HepG2 cells; IL-1β, interleukin-1β; OPN, osteopontin.

 https://doi.org/10.3350/cmh.2024.0657