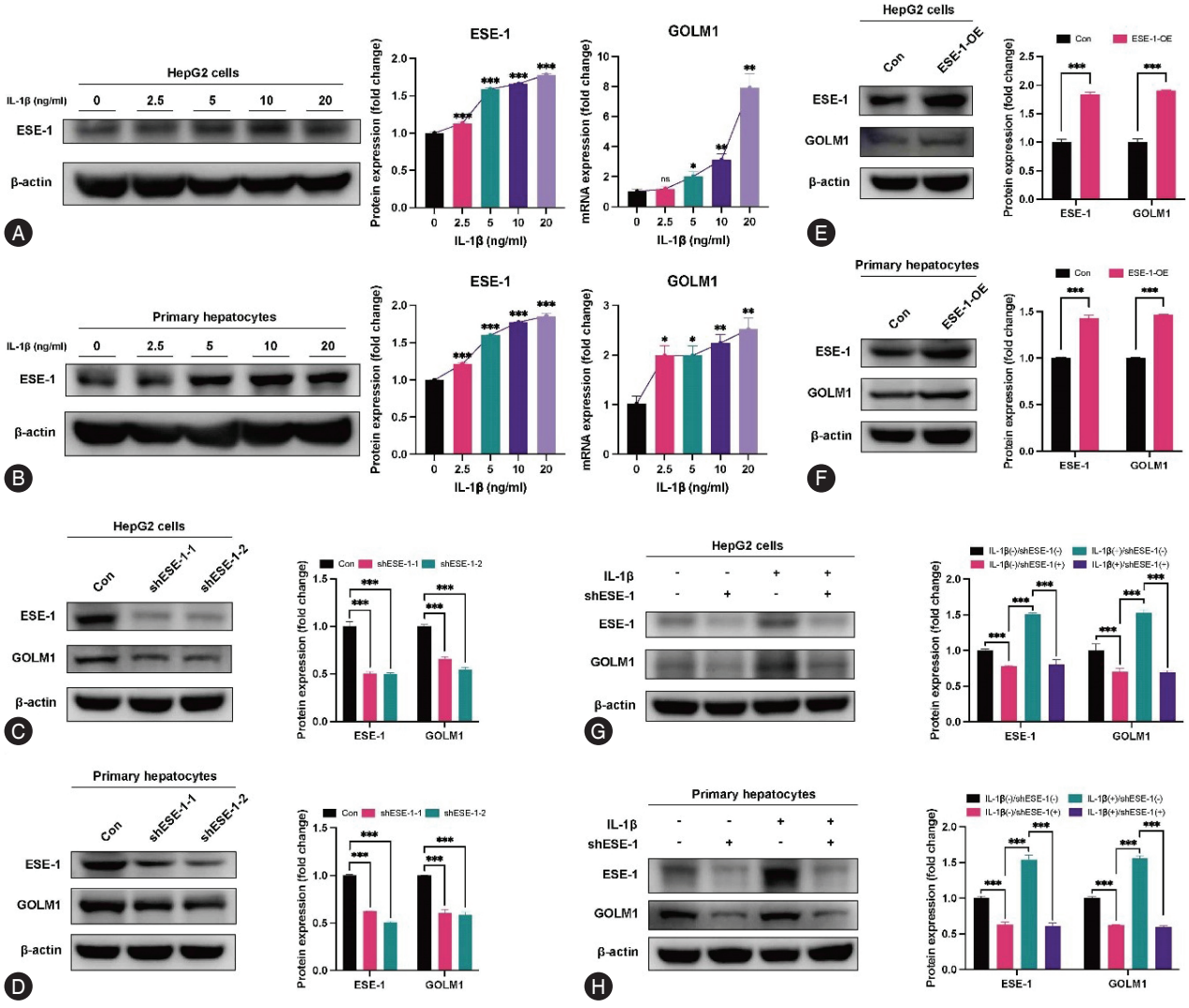

Supplementary Figure 11. IL-1β promotes GOLM1 expression through ESE-1. (A) The effect of IL-1β on the expressions of ESE-1 and GOLM1 in HepG2 cells. (B) The effect of IL-1β on the expressions of ESE-1 and GOLM1 in primary hepatocytes. (C) ESE-1 and GOLM1 protein expressions in HepG2-shESE-1-1/-2 cells. (D) ESE-1 and GOLM1 protein expressions in H-shESE-1-1/-2 cells. (E) ESE-1 and GOLM1 protein expressions in HepG2-ESE-1 cells. (F) ESE-1 and GOLM1 protein expressions in H-ESE-1 cells. (G) ESE-1 and GOLM1 protein expressions in IL-1β (-)+shESE-1 (-), IL-1β (-)+shESE-1 (+), IL-1β (+)+shESE-1 (-), and IL-1β (+)+shESE-1 (+) HepG2 cells. (H) ESE-1 and GOLM1 protein expressions in IL-1β (-)+shESE-1 (-), IL-1β (-)+shESE-1 (+), IL-1β (+)+shESE-1 (-), and IL-1β (+)+shESE-1 (+) primary hepatocytes. ns, nonsignificant; *P<0.05, **P<0.01, ***P<0.005. ESE-1, epithelium-specific ets transcription factor 1; GOLM1, Golgi membrane protein 1; H-ESE-1 cells, ESE-1-overexpressing primary hepatocytes; H-shESE-1, ESE-1-knockdown primary hepatocytes; HepG2-ESE-1 cells, ESE-1-overexpressing HepG2 cells; HepG2-shESE-1 cells, ESE-1-knockdown HepG2 cells; IL-1β, interleukin-1β.

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