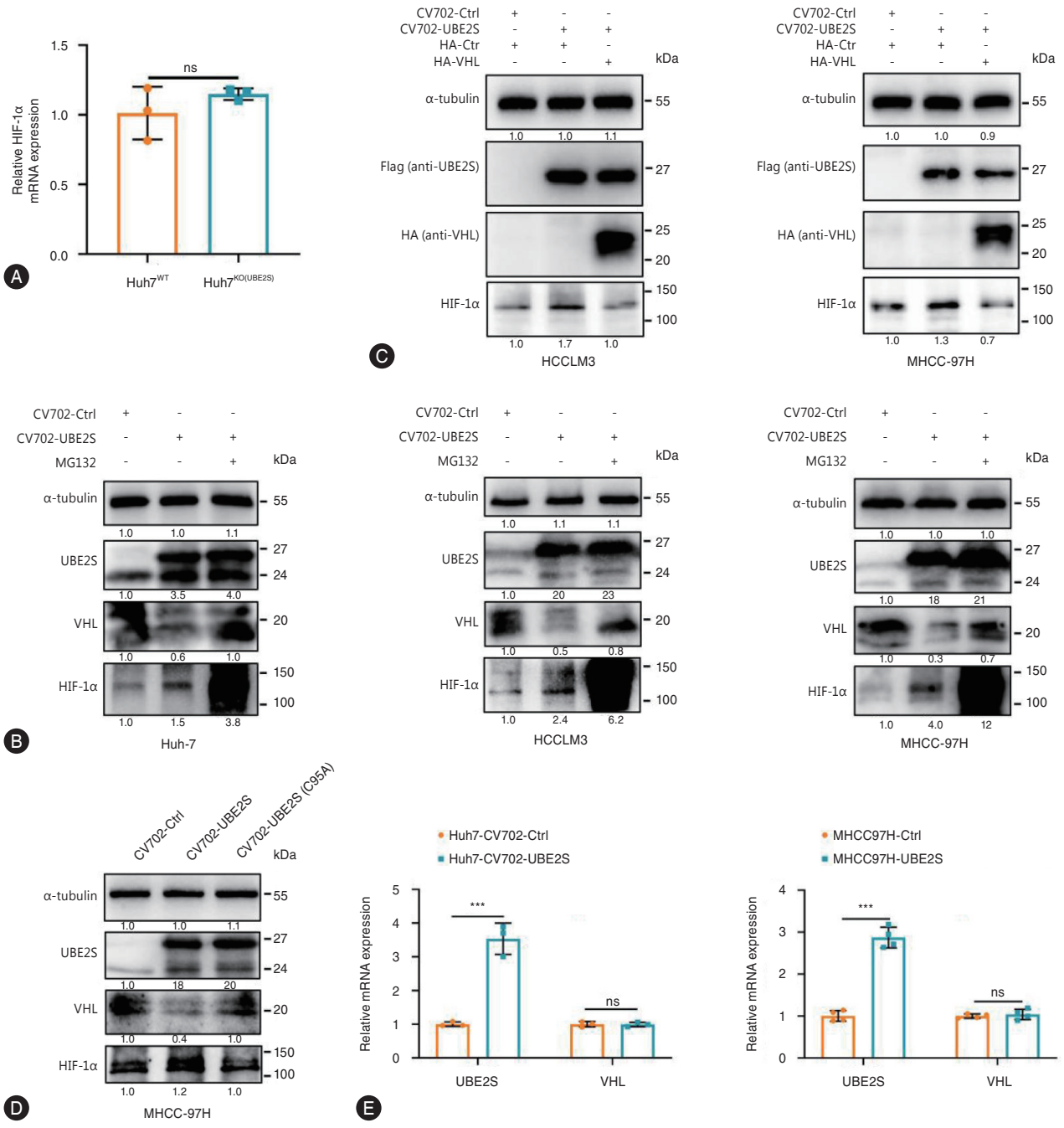

Supplementary Figure 6. The regulatory effects of UBE2S on HIF-1α and VHL. (A) RNA expression of HIF-1α was determined by qPCR assays after UBE2S knockout in Huh-7 cells. Data were analyzed by Student's *t*-test. (B) The expression of VHL and HIF-1α was assessed by Western blotting in HCC cells with UBE2S overexpression after MG132 treatment (10 μM, 12 h). (C) The expression of HIF-1α was assessed by Western blotting in HCC cells with UBE2S and VHL overexpression. (D) The expression of VHL and HIF-1α was assessed by Western blotting in MHCC-97H cells with wild or mutant UBE2S overexpression. (E) RNA expression of VHL was determined by qPCR assays in HCC cells with UBE2S overexpression. Data were analyzed by Student's *t*-test. ***P<0.001. UBE2S, ubiquitin conjugating enzyme E2 S; HIF-1α, hypoxia inducible factor-1α; VHL, von Hippel-Lindau tumor suppressor; ns, no statistical difference.

 https://doi.org/10.3350/cmh.2024.0236