

**Fig. S5.** Effect of P4HA1 depletion on adhesion of WM239 cells in serum-free media. (A) Western blot analysis of P4HA1 protein expression in cell extracts of parental WM239, control (ctrl), and P4HA1-knockout (P4HA1-KO) cells. Alpha-tubulin was used as a loading control. (B-E) Effect of P4HA1 depletion on cell adhesion. (B and D) WM239 control and P4HA1-knockout cells were plated in serum-free media and photographed after 2h, 24h, 48h, and 72h incubation. Scale bars = 100  $\mu$ m. (C and E) The percentage of attached, spread cells. Data are expressed as means  $\pm$  SD of three replicates. \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001.

