



Fig. S10. Histochemical analysis of xenograft tumors derived from WM239 control and P4HA1-knockdown cells. (A-I) H&E staining in control (ctrl shRNA) and P4HA1-KD (P4HA1 shRNA) tumors. (A-D) Examples of hemorrhage (marked with asterisks) and necrosis (arrows) in P4HA1-KD tumors. (B) and (D) are higher magnifications of the boxed areas in (A) and (C), respectively. (E-H) Examples of muscle tissue invasion in control tumors. (F) is a higher magnification of the boxed area in (E). (H) Higher magnification of striated muscle invasion shown previously in the main Fig. 7C. (I) Fat tissue invasion in control tumors (a higher magnification of the main Fig. 7E). (J-K) Masson's trichrome staining in P4HA1-KD tumors. (J) is a higher magnification of the main Fig. 7J. Blood vessels are marked with asterisks. Note the red blood cells leaking from ruptured vessels (arrows). Scale bars = 200 μ m (A-D), 500 μ m (E), 200 μ m (F,G), 50 μ m (H-J), 100 μ m (K).