

**Supplement Figure 1.** A and B, RT-qPCR analysis for the expression of miR-143-3p in 106 OS specimens. \*\*P<0.01. C, Scatter plots showing the negative linear correlation between the mRNA expression of PCAT6 and miR-143-3p in OS tissues. \*P<0.05. D-F, CCK-8 and clone formation assays were performed to determine the proliferation capacity of MG-63 and U2OS cells transfected with shPCAT6 in the presence or absence of the miR-143-3p inhibitor. \*P<0.05, \*\*P<0.01.