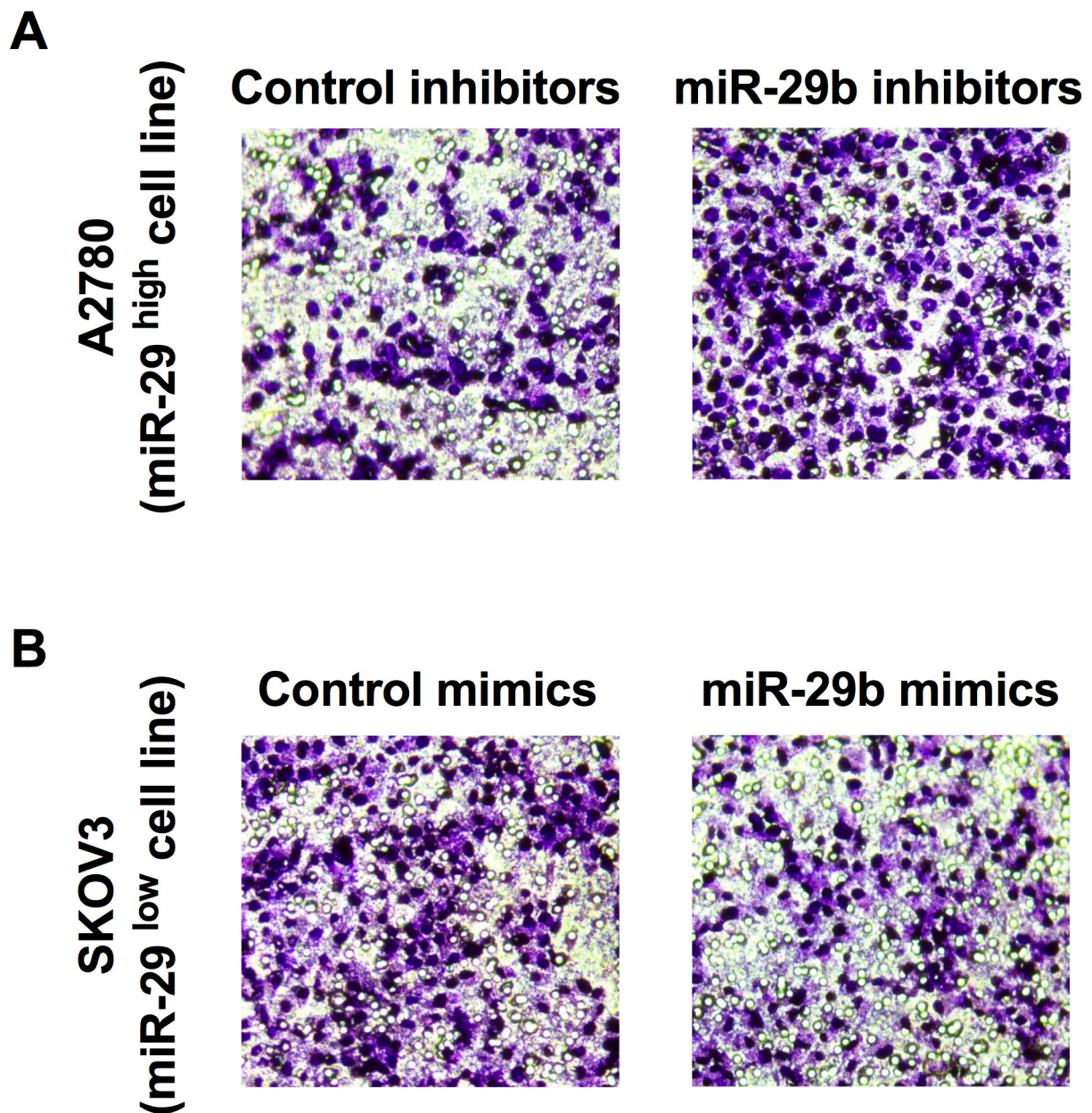
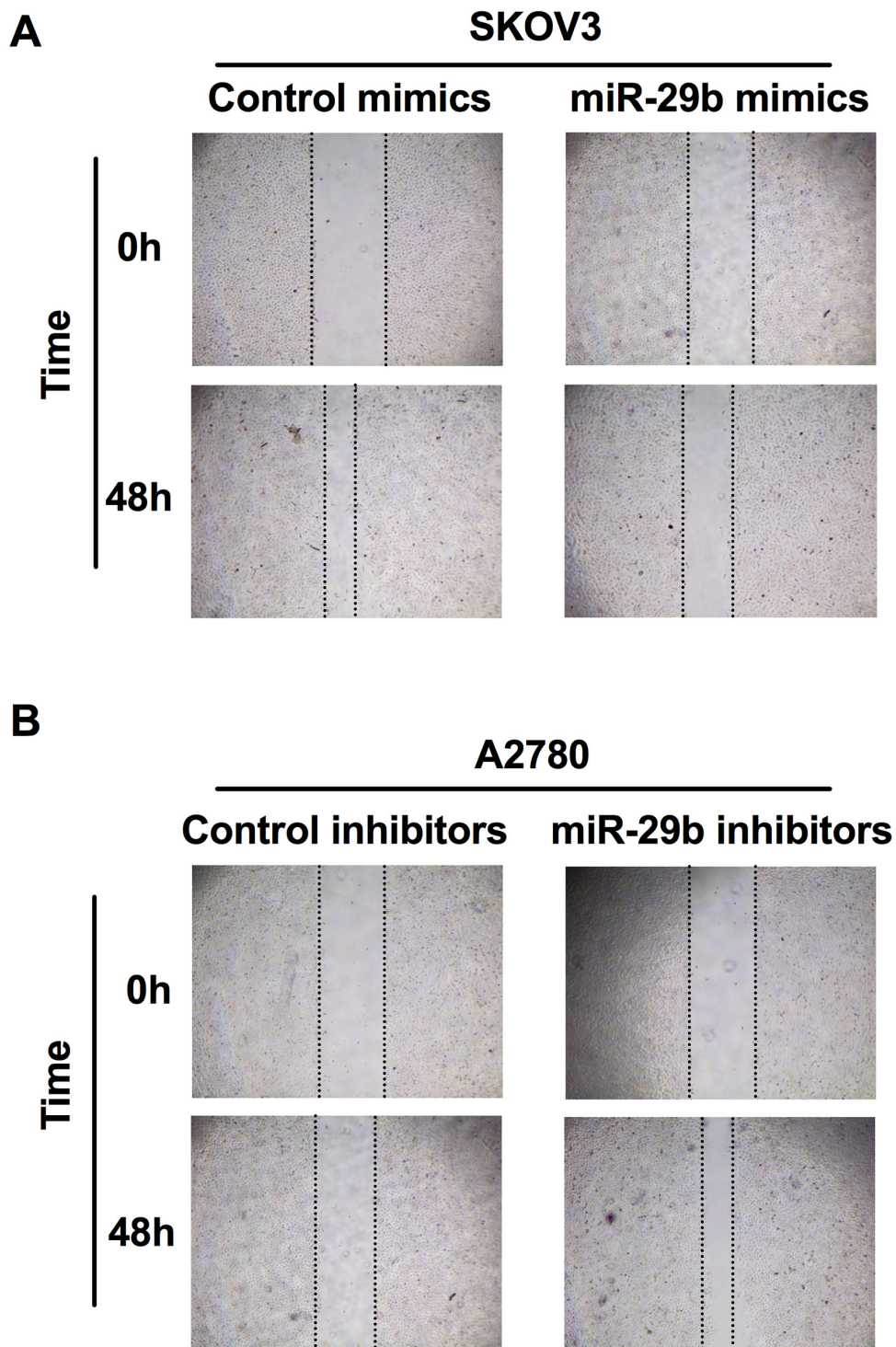


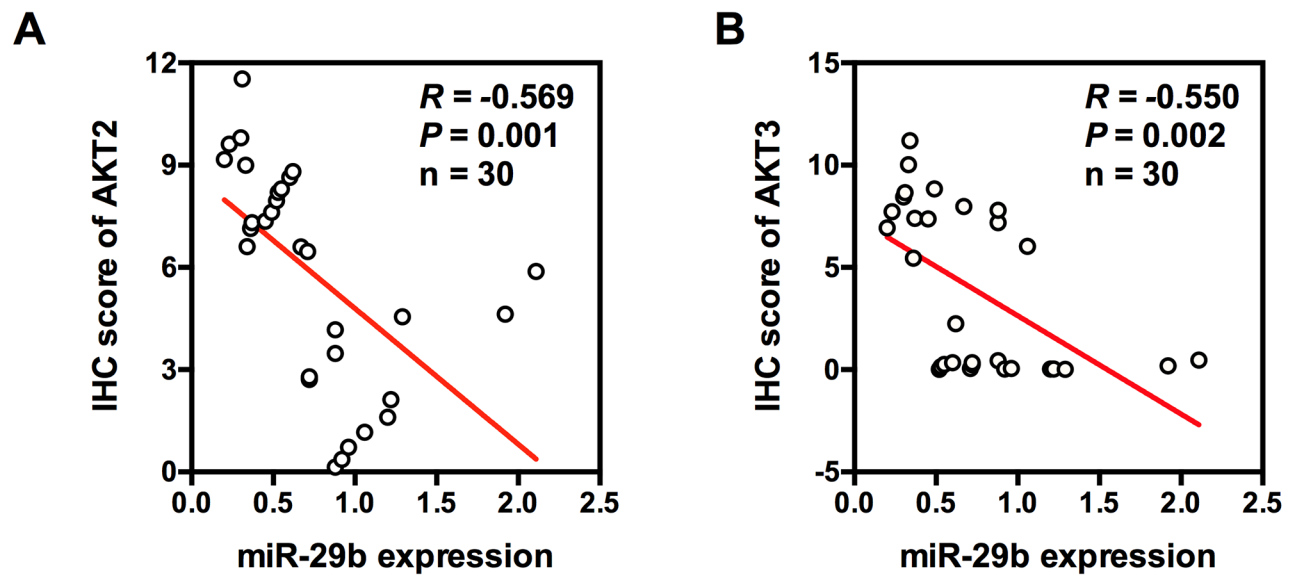
SUPPLEMENTARY FIGURES



Supplementary Figure S1: miR-29b expression negatively correlates with ovarian cancer cell migration capacity (Transwell migration assay). **A.** In a transwell migration assay, target inhibitors-mediated miR-29b knockdown in A2780 cells leads to a significant increase in migrating capacity. **B.** In a transwell migration assay, target mimics-mediated miR-29b overexpression in SKOV3 cells leads to a significant decrease in migrating capacity. The images of the transwell migration assays were photographed under 400× magnification.



Supplementary Figure S2: miR-29b expression negatively correlates with ovarian cancer cell migration capacity (Wound healing assay). **A.** Representative images of wound healing show that mimics-mediated miR-29b overexpression in SKOV3 cells slows the wound healing. **B.** Representative images of wound healing show that inhibitors-mediated miR-29b knockdown in A2780 cells increases wound healing rate. The images of the wound healing assays were photographed under 100× magnification.



Supplementary Figure S3: Association between expression of miR-29b and AKTs in ovarian cancer tissues. A. Association between expression of miR-29b and AKT2 in 30 ovarian cancer samples (correlation coefficient $R = -0.569$, $P = 0.001$). B. Association between expression of miR-29b and AKT3 (correlation coefficient $R = -0.550$, $P = 0.002$).