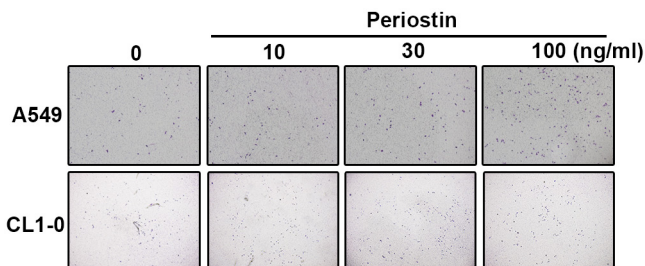
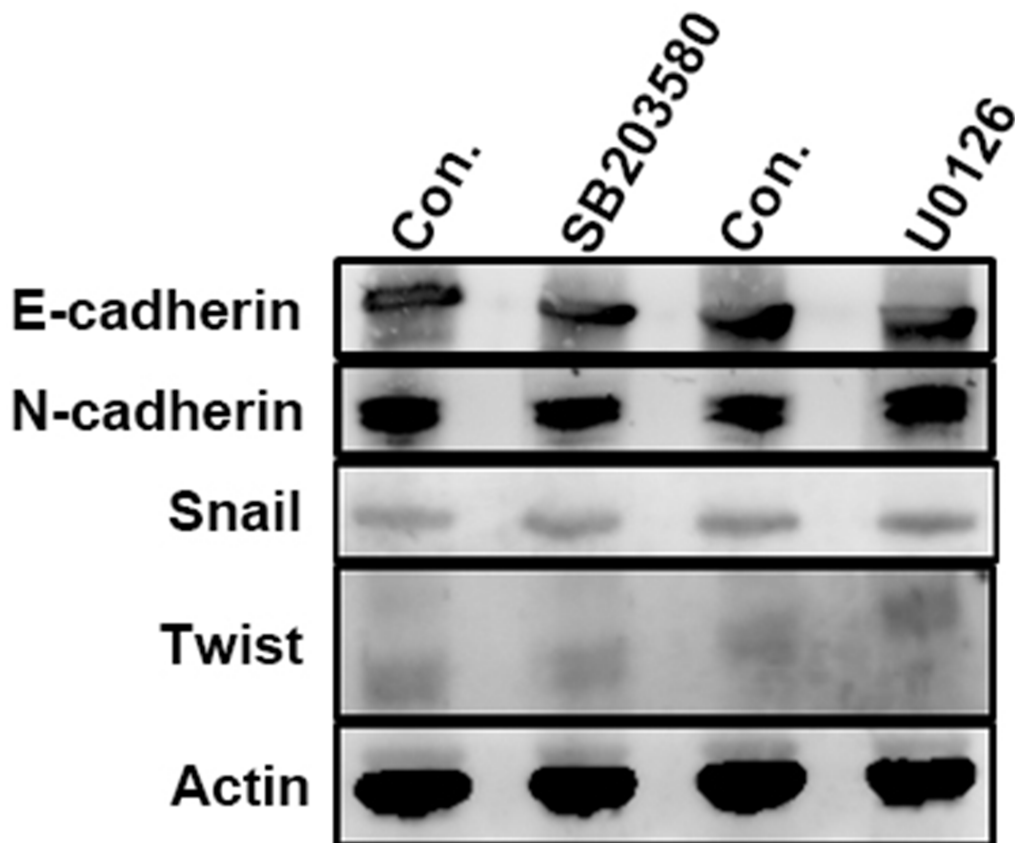


## Periostin promotes epithelial-mesenchymal transition via the MAPK/miR-381 axis in lung cancer

### SUPPLEMENTARY MATERIALS



**Supplementary Figure 1: Periostin induces EMT in lung cancer cells.** A549 and CL1-0 cells were treated with periostin (0-100 ng/ml) for 24 h, after which the Transwell assay was used to measure in vitro migration.



**Supplementary Figure 2: The efficacy of p38 and ERK inhibitors on EMT markers expression.** The A549 cells were treated with U0126 (10  $\mu$ M) and SB203580 (10  $\mu$ M) for 24 h, and expression levels of E-cadherin, N-cadherin, Snail and Twist were examined by Western Blot.