

**Figure S1 Transfection efficiency.** (A) qRT-PCR was used to identify the effect of *HOTAIR* siRNA in A431 cells. (B) The mRNA level of *HOTAIR* in SCL-1 cells treated with *HOTAIR* over-expressing vector was detected by qRT-PCR. (C) qRT-PCR was used to identify the effect of miR-326 inhibitor in A431 cells. (D) The mRNA level of miR-326 was detected by qRT-PCR after transfection with miR-326 mimics. The data are presented as mean  $\pm$  s.d. \*P  $\leq$  0.05, Student's t-test.