

Erratum

In the article “lncRNA HOTAIR Regulates CCND1 and CCND2 Expression by Sponging miR-206 in Ovarian Cancer” [Cell Physiol Biochem 2018;49:1289-1303, DOI: 10.1159/000493408] by Chang et al., incorrect representative images were included for Figure 2C NC, Figure 2E 0h NC and Figure 5F Mimics+CCND1 due to inadequate file classification during image capture.

The corrected Figure 2 and Figure 5 are shown here.

Fig. 2. Inhibition of HOTAIR reduced cell viability, proliferation, migration and invasion. (A) HOTAIR expression was lower in SKOV3 cells transfected with siHOTAIR than in cells transfected with Mock or NC. The expression of HOTAIR was normalized to GAPDH mRNA expression. *** $P < 0.001$, compared with the Mock group and the NC group. (B) The cell proliferation was lower in the siHOTAIR group than in the Mock and NC groups. * $P < 0.05$, compared with the Mock group and the NC group. (C) Colony formation ability was inhibited in SKOV3 cells transfected with siHOTAIR. *** $P < 0.001$, compared with the Mock group and the NC group. (D) Flow cytometry analysis showed that HOTAIR inhibition induced G0/G1 cell cycle arrest. ** $P < 0.01$, compared with the Mock group and the NC group. (E) Cell migration ability was suppressed in SKOV3 cells transfected with siHOTAIR. ** $P < 0.01$, compared with the Mock group and the NC group. (F) Cell invasion ability was impeded in SKOV3 cells transfected with siHOTAIR. Mock: empty vector, NC: negative control siRNA. **** $P < 0.001$, compared with the Mock group and the NC group.

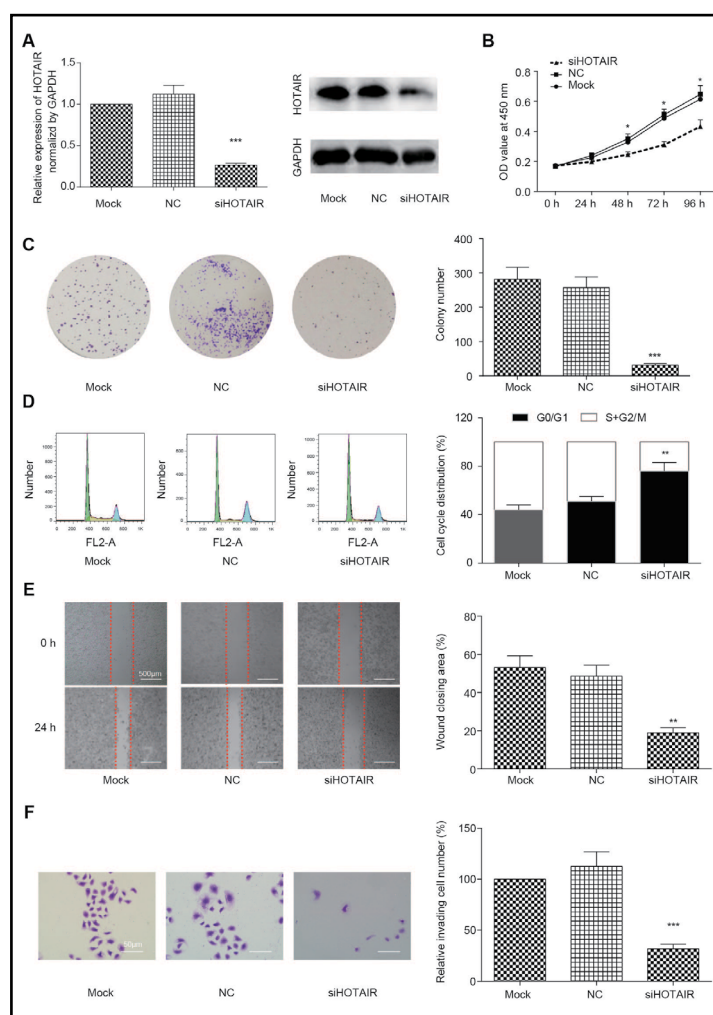


Fig. 5. Overexpression of miR-206 inhibited the proliferation of ovarian cancer cells, whereas overexpression of CCND1 and CCND2 abolished the inhibition. (A) The expression level of miR-206 was higher in SKOV3 cells transfected with Lenti-vpak packaging system-oligo + miR-206 mimic (mimic), mimic+CCND1 or mimic+CCND2 than in cells transfected with Lenti-vpak packaging system-oligo (NC), CCND1 and CCND2. (B) The expression level of CCND1 mRNA was increased in SKOV3 cells transfected with CCND1 cDNA and the promotion effect was reversed by transfection with the miR-206 mimic. (C) The relative expression level of CCND2 mRNA was increased in SKOV3 cells transfected with CCND2 cDNA and the promotion effect was reversed by transfection with the miR-206 mimic. (D) The expression of CCND1 and CCND2 in SKOV3 cells was reduced by transfection with the miR-206 mimic. (E) Cell proliferation ability was inhibited by the overexpression of miR-206, and the inhibitory effect of miR-206 was reversed by the overexpression of CCND1 and CCND2. (F) Colony formation ability was inhibited by the overexpression of miR-206, and the inhibitory effect of miR-206 was reversed by the overexpression of CCND1 and CCND2. (G) Overexpression of miR-206 induced G0/G1 cell cycle arrest, and the effect on cell cycle arrest was reversed by the overexpression of CCND1 and CCND2. * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$, compared with the NC group.

