



# Corrigendum: AFAP1-AS1 Promotes Epithelial-Mesenchymal Transition and Tumorigenesis Through Wnt/ $\beta$ -Catenin Signaling Pathway in Triple-Negative Breast Cancer

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**Keywords:** long non-coding RNA, AFAP1-AS1, triple-negative breast cancer, tumorigenesis, Wnt/ $\beta$ -catenin signaling pathway, epithelial-mesenchymal transition

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## A Corrigendum On

### AFAP1-AS1 Promotes Epithelial-Mesenchymal Transition and Tumorigenesis Through Wnt/ $\beta$ -Catenin Signaling Pathway in Triple-Negative Breast Cancer

by Zhang K, Liu P, Tang H, Xie X, Kong Y, Song C, Qiu X, Xiao X (2018). *Front. Pharmacol.* 9:1248. doi: 10.3389/fphar.2018.01248

In the original article, there was a mistake in the legend for **Figure 4** as published. We performed Wound-healing assay and Transwell invasion assay using MDA-MB-231 cells, but we made a mistake statement that using MDA-MB-231 and BT-549 cells. The correct legend appears below.

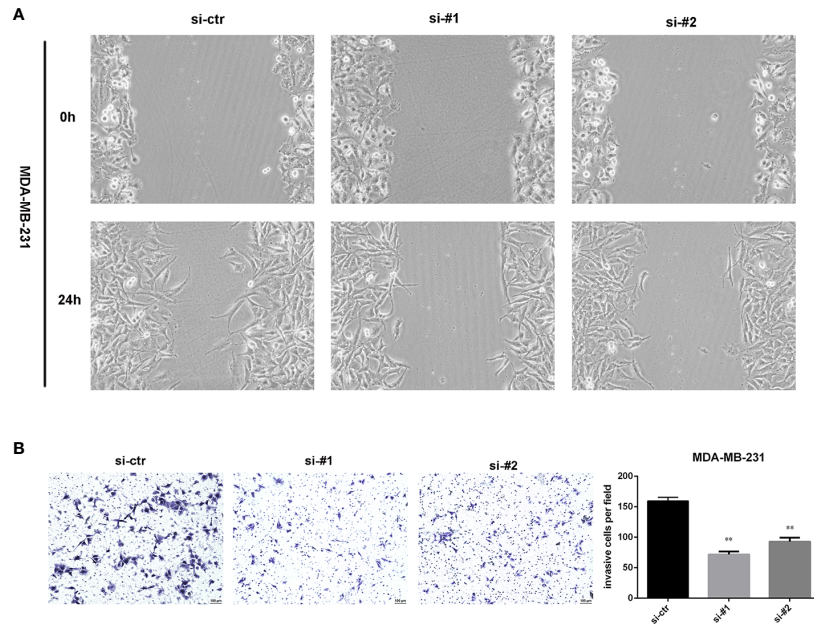
“AFAP1-AS1 knockdown inhibited cell invasion and migration. (A) Wound-healing assay was used to measure cell migration. These pictures show that cell migration of TNBC cells was significantly inhibited in AFAP1-AS1 knockdown groups. (B) Transwell invasion assay was used to measure cell invasion of MDA-MB-231 cells transfected with siRNA-ctr, siRNA#1, or siRNA#2 (\*\*P < 0.01). The representative data from three independent experiments are shown”.

In the original article, there was a mistake in **Figure 4** as published. We performed Wound-healing assay and Transwell invasion assay using MDA-MB-231 cells. Due to our mistake, the photographs of Wound-healing assay in MDA-MB-231 cells were mistaken for the photographs of BT-549 cells and uploaded to **Figure 4**. The corrected **Figure 4** appears below.

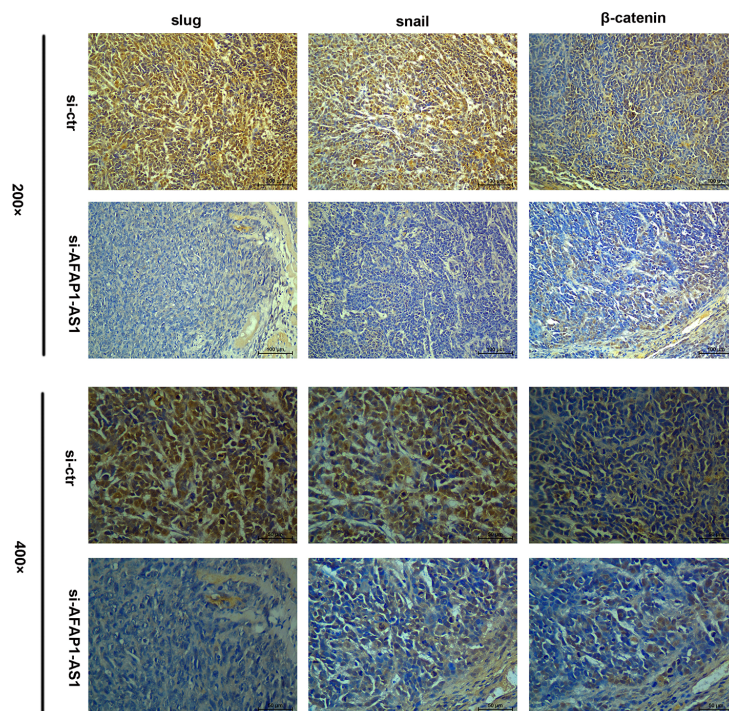
In the original article, there was a mistake in **Figure 6** as published. Due to our mistake, the IHC images of snail which were photographed in repeated experiments were mistakenly uploaded as the IHC images of  $\beta$ -catenin in the si-ctr group. The corrected **Figure 6** appears below.

The authors apologize for these errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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**FIGURE 4 |** AFAP1-AS1 knockdown inhibited cell invasion and migration. **(A)** Wound-healing assay was used to measure cell migration. These pictures show that cell migration of TNBC cells was significantly inhibited in AFAP1-AS1 knockdown groups. **(B)** Transwell invasion assay was used to measure cell invasion of MDA-MB-231 cells transfected with siRNA-ctr, siRNA#1, or siRNA#2 (\*\*P < 0.01). The representative data from three independent experiments are shown.



**FIGURE 6 |** Immunohistochemistry assay of b-catenin, SLUG, and SNAIL expressions in TNBC tissues. b-catenin, SLUG, and SNAIL expressions were positive in TNBC tissues without AFAP1-AS1 downregulation, while b-catenin, SLUG, and SNAIL expressions were negative in AFAP1-AS1 knockdown TNBC tissues.