

CORRECTION

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# Correction to: Systematic analyses reveal long non-coding RNA (PTAF)-mediated promotion of EMT and invasion-metastasis in serous ovarian cancer

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**Correction to: Mol Cancer 17, 96 (2018)**  
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Following the publication of the original paper [1], the authors found an inter-duplication in Fig. 3d and a misplacement in Fig. 6e and herein make corrections of these errors. First, the “Wound-healing Assay” image of “Ctrl of 24h in A2780 cells” in Fig. 3d contained an inter-duplication with the image of “NC of 24h in A2780 cells” in Fig. 2d. Second, the images in Fig. 6b for the “PTAF+miR-25a” group, in Fig. 6c for “pcDNA3.1” and in Fig. 6f for “TGF- $\beta$ 1 + sh-Scramble” were mistakenly presented in Fig. 6e. Our careful double-check of the original images clarified that this mistake was caused by an unintentional overlay of the images for Fig. 6b, Fig. 6c and Fig. 6f on top of the correct images for Fig. 6e during figure preparation. These mistakes have now been corrected in the revised version of Fig. 3d and Fig. 6e.

The corrections do not affect the original findings and conclusions of the article. The authors apologize for any inconvenience caused by the unintentional mistakes.

Corrected figures are provided below.

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1. Liang H, Zhao X, Wang C, et al. Systematic analyses reveal long non-coding RNA (PTAF)-mediated promotion of EMT and invasion-metastasis in serous ovarian cancer. *Mol Cancer*. 2018;17:96 <https://doi.org/10.1186/s12943-018-0844-7>.

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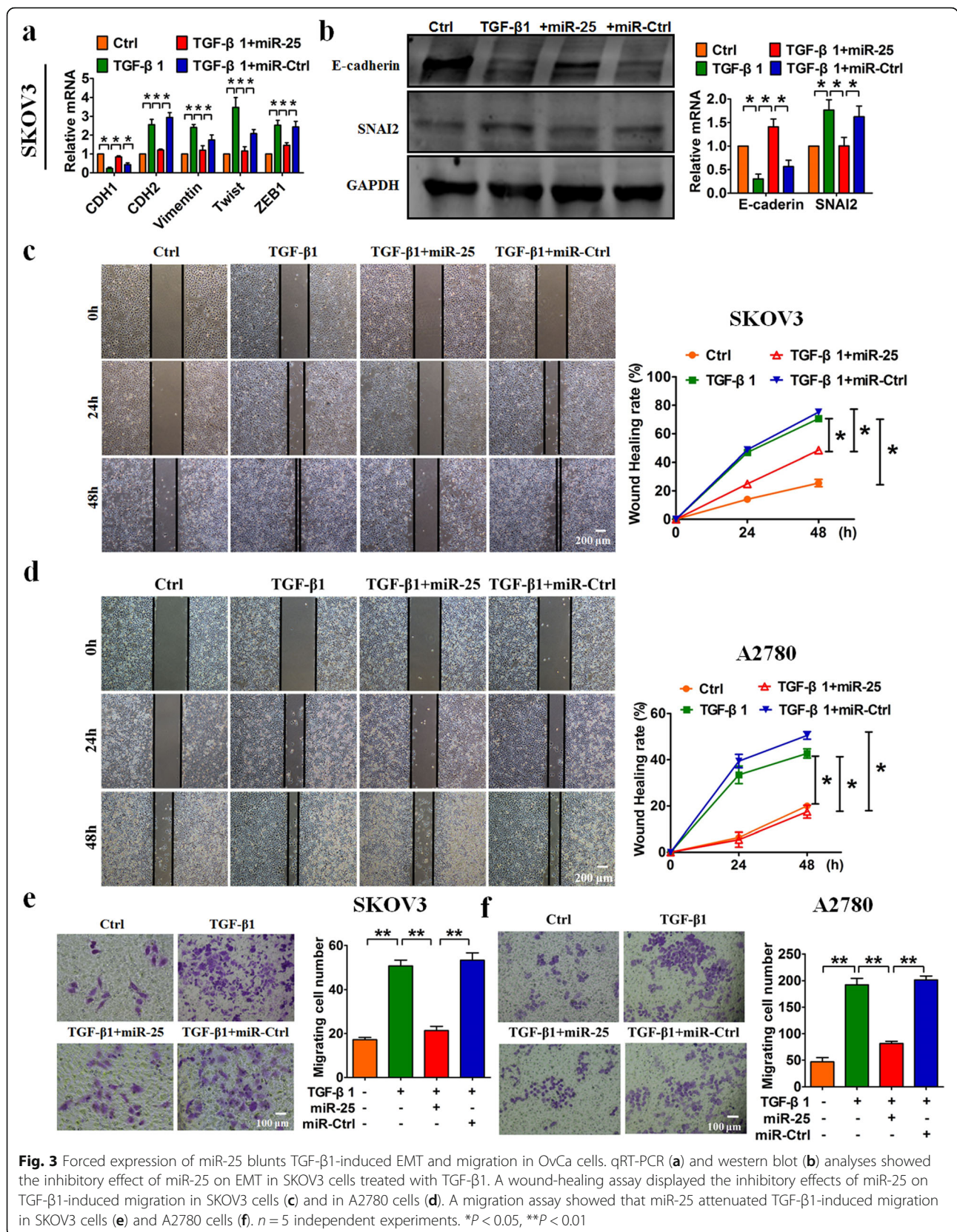
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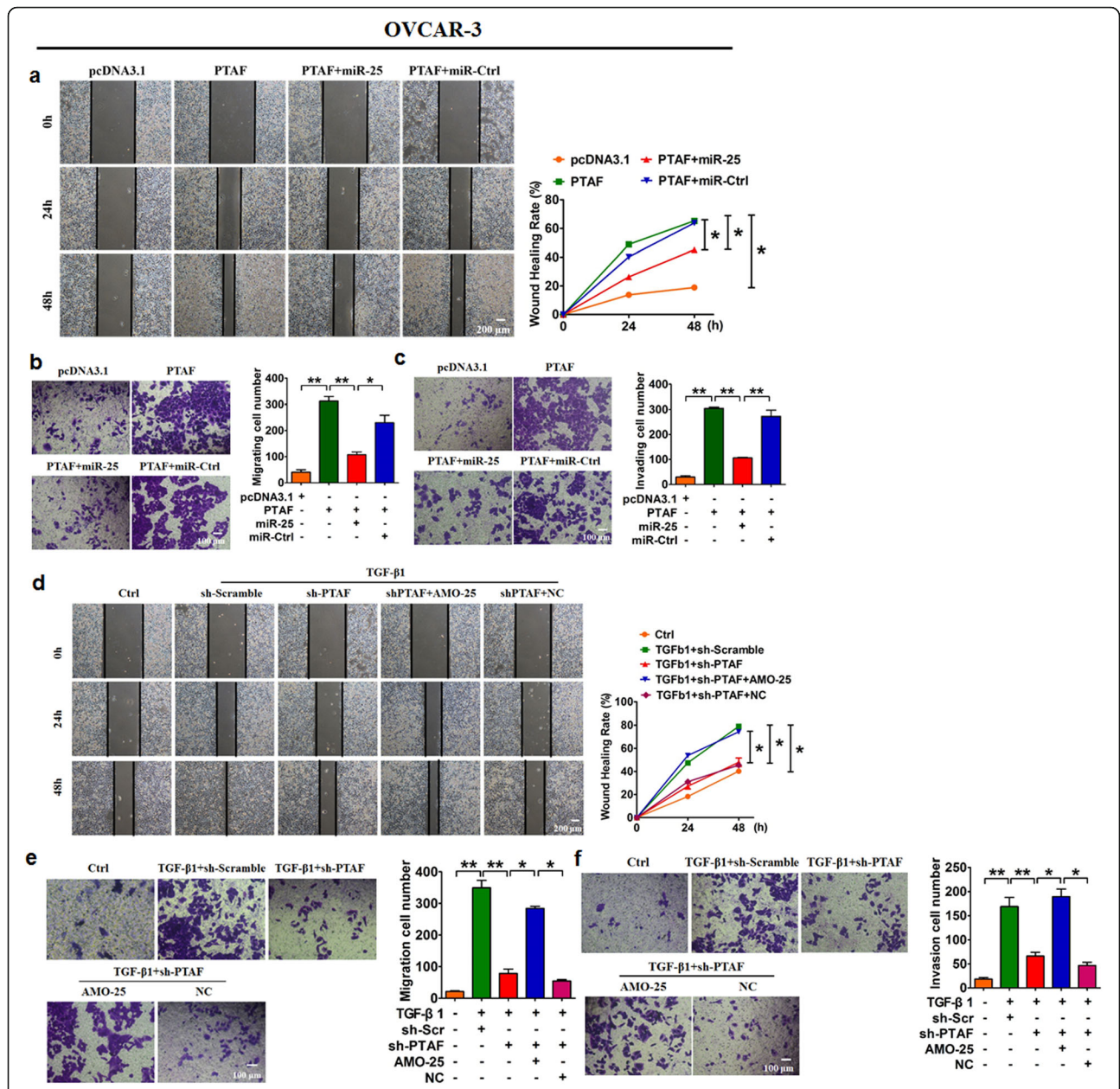
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**Fig. 3** Forced expression of miR-25 blunts TGF-β1-induced EMT and migration in OvCa cells. qRT-PCR (a) and western blot (b) analyses showed the inhibitory effect of miR-25 on EMT in SKOV3 cells treated with TGF-β1. A wound-healing assay displayed the inhibitory effects of miR-25 on TGF-β1-induced migration in SKOV3 cells (c) and in A2780 cells (d). A migration assay showed that miR-25 attenuated TGF-β1-induced migration in SKOV3 cells (e) and A2780 cells (f). *n* = 5 independent experiments. \**P* < 0.05, \*\**P* < 0.01



**Fig. 6** PTAF overexpression leads to OVCAR-3 cell migration and invasion by regulating miR-25. Wound-healing **a** and migration assays **b** showed that PTAF promoted OVCAR-3 cell migration, which was inhibited by forced expression of miR-25.  $n = 5$  independent experiments.  $*P < 0.05$ ,  $**P < 0.01$ . **c** A Transwell invasion assay showed that PTAF promoted OVCAR-3 cell invasion by regulating miR-25.  $n = 5$  independent experiments.  $**P < 0.01$ . Wound-healing **d** and migration assays **e** showed that silencing of PTAF inhibited TGF- $\beta$ 1-driven migration in OVCAR-3 cells, which was abated by miR-25 knockdown.  $n = 5$  independent experiments.  $*P < 0.05$ ,  $**P < 0.01$ . **f** A Transwell invasion assay showed that knockdown of PTAF inhibited TGF- $\beta$ 1-induced OVCAR-3 cell invasion.  $n = 5$  independent experiments.  $*P < 0.05$ ,  $**P < 0.01$