

CORRECTION

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Correction: Loss of LKB1 disrupts breast epithelial cell polarity and promotes breast cancer metastasis and invasion

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Following the publication of the original article [1], the authors identified errors in Figure 5c. The GAPDH protein band in Figure 4A and Figure 5C were obtained from two separate replicate experiments. However, the LKB1 protein band in both figures originated from the same

experimental set. Therefore, the LKB1 band in Figure 5C requires replacement.

- Fig. 5c: LKB1 band needs replacement.

The corrected figures are provided below:

The corrections do not affect the overall results, discussion, or conclusion of the article.

[†]Juan Li and Jie Liu contributed equally to this work.

The online version of the original article can be found at <https://doi.org/10.1186/s13046-014-0070-0>.

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Incorrect Figure 5

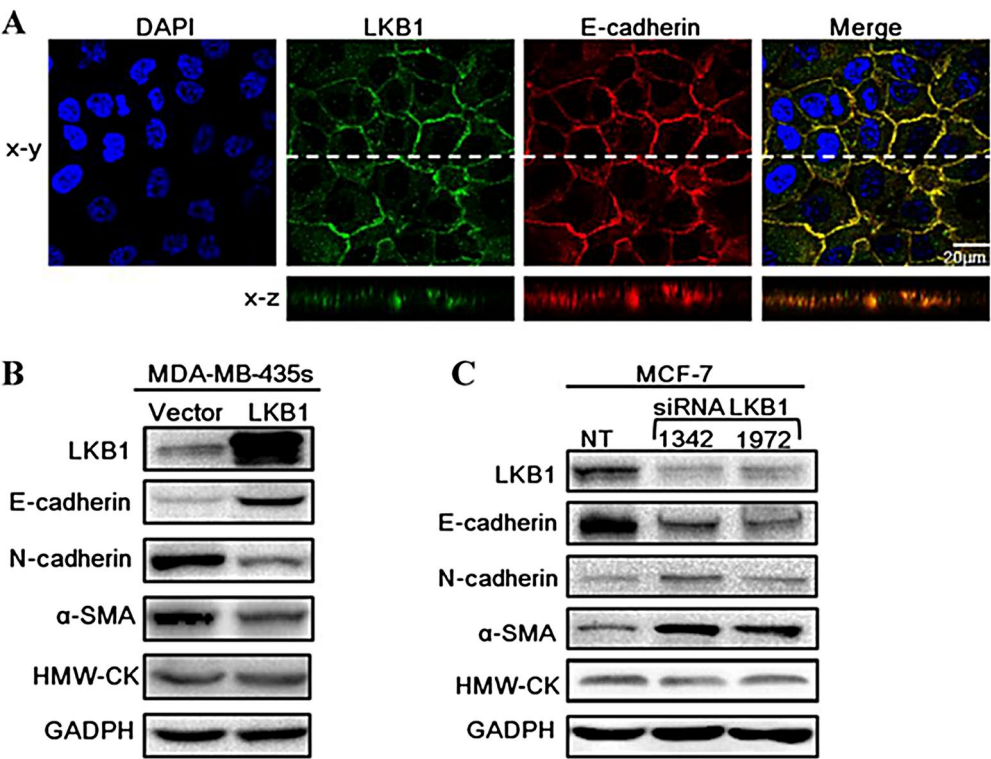


Fig. 5 LKB1 was localized at adheren junctions and regulated the expressions of EMT markers. **(A)** MCF-10 A was stained for LKB1 (green), E-cadherin (red) and DAPI (blue). **(B)** Expressions of EMT markers in control and LKB1 overexpressing MDA-MB-435 s. **(C)** MCF-7 cells were transfected with non-targeting siRNA (NT) or siLKB1(1342/1972). The protein levels of E-cadherin, N-cadherin and α-SMA were determined by western blot

Correct Figure 5

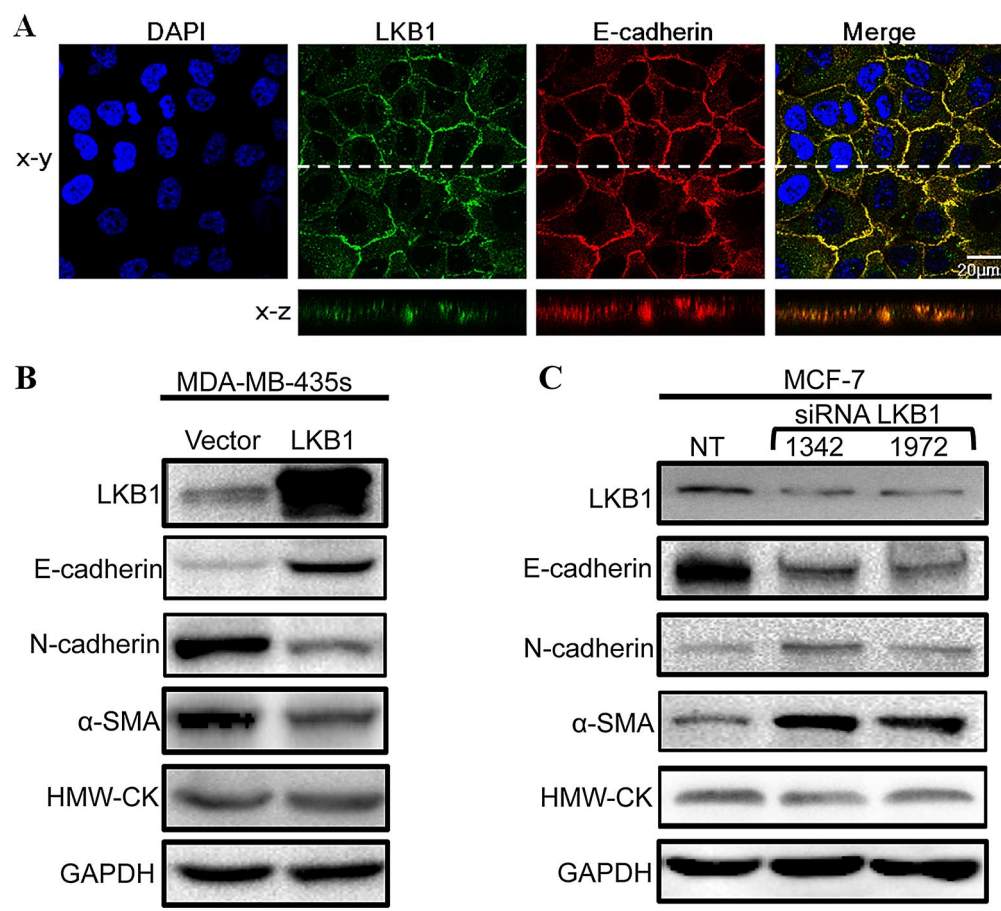


Fig. 5 LKB1 was localized at adheren junctions and regulated the expressions of EMT markers. **(A)** MCF-10 A was stained for LKB1 (green), E-cadherin (red) and DAPI (blue). **(B)** Expressions of EMT markers in control and LKB1 overexpressing MDA-MB-435 s. **(C)** MCF-7 cells were transfected with non-targeting siRNA (NT) or siLKB1(1342/1972). The protein levels of E-cadherin, N-cadherin and α-SMA were determined by western blot

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References
1. Li J, Liu J, Li P et al. Loss of LKB1 disrupts breast epithelial cell polarity and promotes breast cancer metastasis and invasion. *J Exp Clin Cancer Res*. 2014;33:70. <https://doi.org/10.1186/s13046-014-0070-0>