

CORRECTION

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Correction to: The RNA binding protein RBMS3 inhibits the metastasis of breast cancer by regulating Twist1 expression

Lei Zhu^{1†}, Pei-Wen Xi^{1†}, Xiao-Xia Li^{3†}, Xi Sun¹, Wen-Bin Zhou¹, Tian-Song Xia¹, Liang Shi¹, Yue Hu¹, Qiang Ding^{1*} and Ji-Fu Wei^{2*}

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In the original publication of this article [1], the molecular weight of RBMS3 was incorrectly noted as 38 KDa within Fig. 1a, Fig. 2a and Fig. 2b. The figures have been updated to list the correct molecular weight of RBMS3 as 41 KDa.

The authors sincerely apologize for the inconvenience caused to the readers.

Author details

¹Jiangsu Breast Disease Center, the First Affiliated Hospital with Nanjing Medical University, 300 Guangzhou Road, Nanjing 210029, China. ²Research Division of Clinical Pharmacology, the First Affiliated Hospital with Nanjing Medical University, 300 Guangzhou Road, Nanjing 210029, China. ³Department of Critical Care Medicine, The First Affiliated Hospital with Nanjing Medical University, 300 Guangzhou Road, Nanjing 210029, China.

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1. Zhu L, et al. The RNA binding protein RBMS3 inhibits the metastasis of breast cancer by regulating Twist1 expression. *J Exp Clin Cancer Res*. 2019; 38:105. <https://doi.org/10.1186/s13046-019-1111-5>.

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* Correspondence: dingqiang@njmu.edu.cn; weijifu@hotmail.com

[†]Lei Zhu, Pei-Wen Xi and Xiao-Xia Li contributed equally to this work.

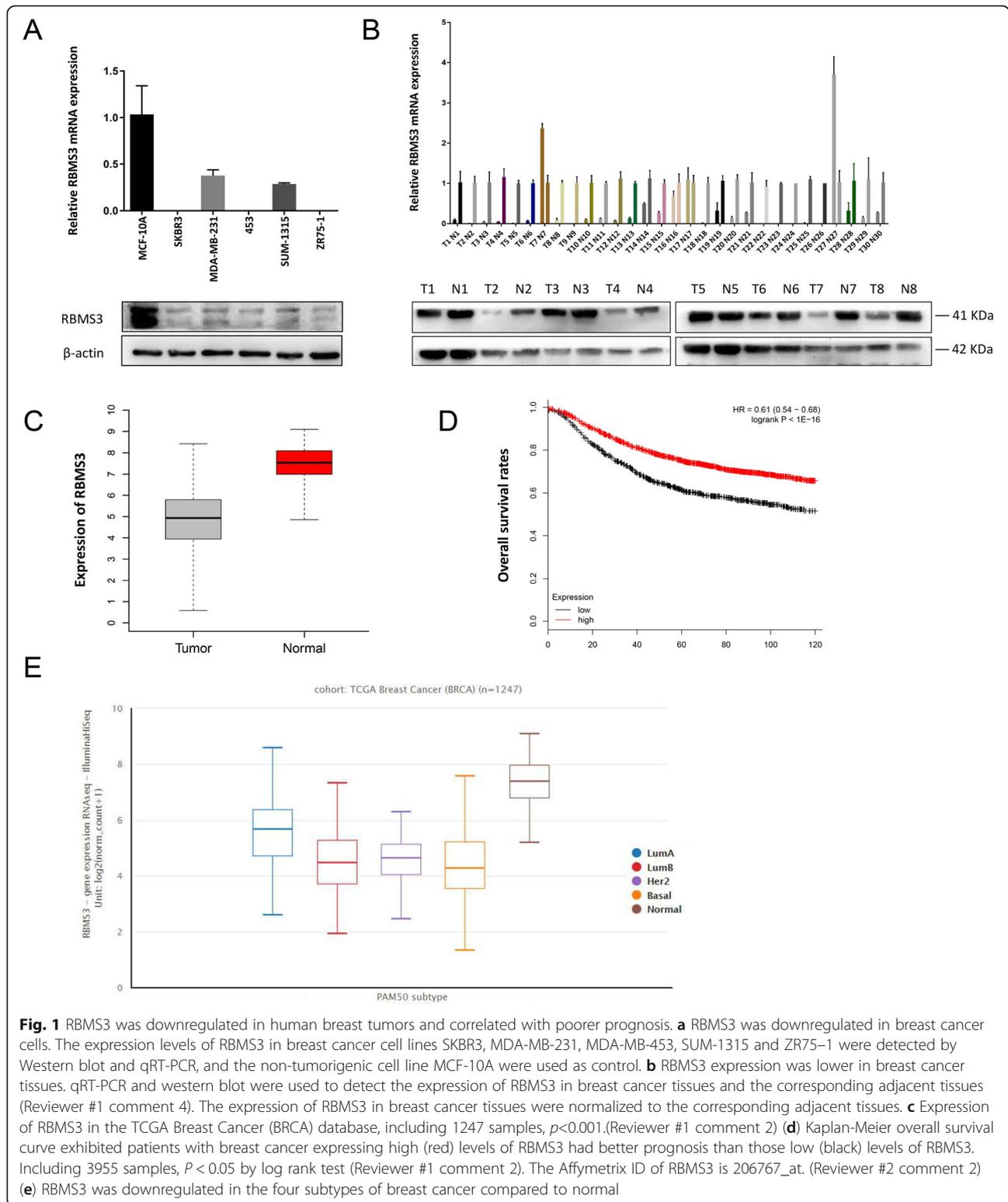
¹Jiangsu Breast Disease Center, the First Affiliated Hospital with Nanjing Medical University, 300 Guangzhou Road, Nanjing 210029, China

²Research Division of Clinical Pharmacology, the First Affiliated Hospital with Nanjing Medical University, 300 Guangzhou Road, Nanjing 210029, China

Full list of author information is available at the end of the article



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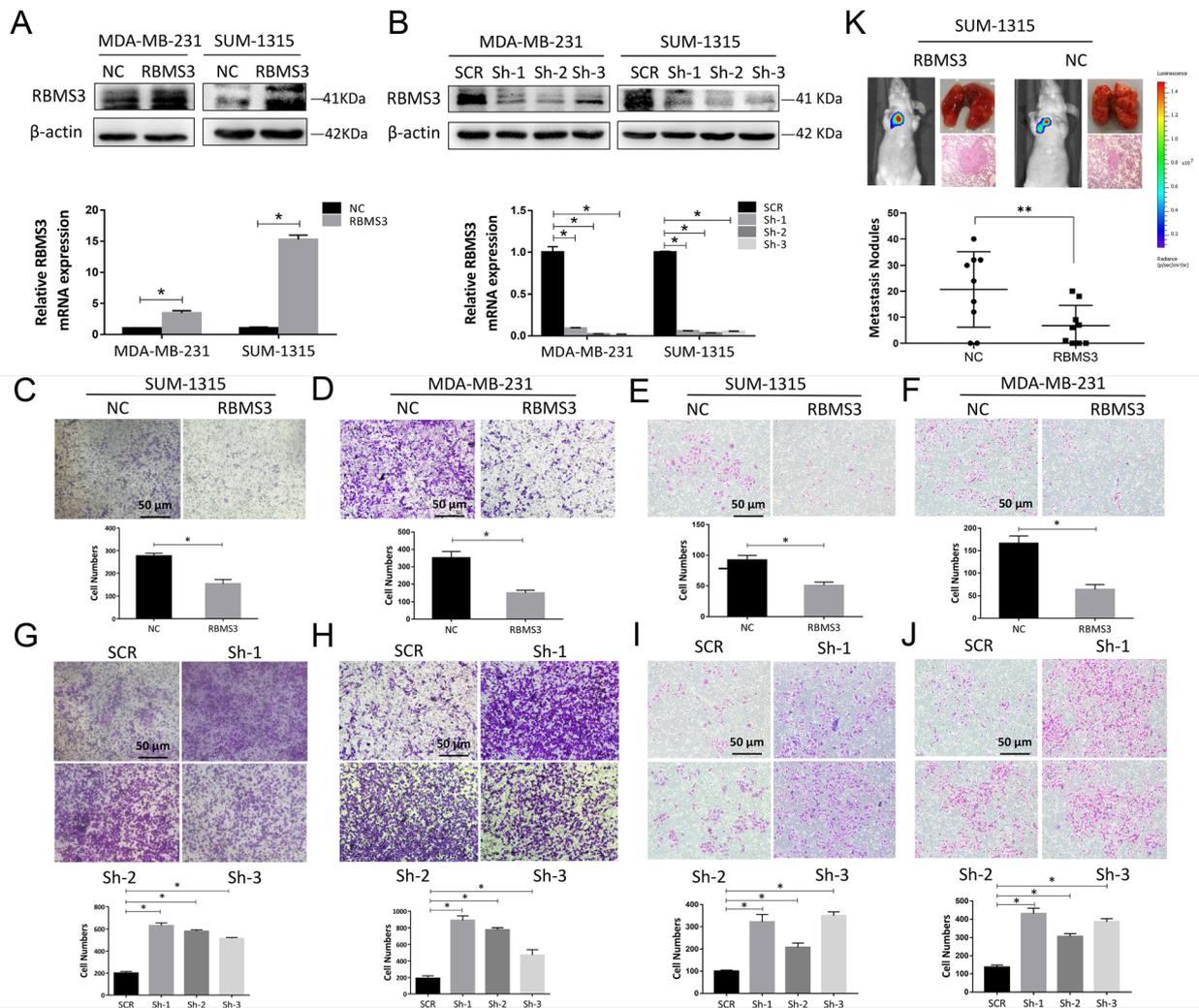


Fig. 2 RBMS3 inhibited the migration invasion of breast cancer cells in vitro and in vivo. **a, b** SUM-1315 and MDA-MB-231 cell lines were respectively transfected with lentivirus to overexpress (RBMS3) or knocked down (sh-1, sh-2, sh-3) RBMS3 expression. Western blot and qRT-PCR were applied to verify transfection efficiency. **c-j** RBMS3 inhibited the invasion and migration of breast cancer cells. **c, g, e, i** Transwell experiment was used to detect the invasion and migration ability of SUM-1315 cells. The lower panel of each picture showed migrating and invading numbers of SUM-1315 cells. Transwell assay performed in MDA-MB-231 cells were analyzed as in Fig. 2d, h, f, and j. Scale bars, 50 μ m. (Reviewer #1 comment 5) Data were shown as mean \pm SEM, * P < 0.05. **k** RBMS3 inhibited the lung metastasis in breast cancer cells. Representative bioluminescence images of the mice and HE staining of lung section showed the sizes and numbers of lung colonization in the RBMS3-overexpressed group and the control group, respectively. Metastasis nodules plot was generated by the H&E-stained lung sections of nude mice ($n = 9$). Data were shown as mean \pm SEM, * P < 0.05, ** P < 0.001 (Reviewer #1 comment 6). SCR = Scrambled control; Sh = Short hairpin; NC = Negative control