



OPEN ACCESS

EDITED AND REVIEWED BY
Sergio Akira Uyemura,
University of São Paulo, Brazil

*CORRESPONDENCE
Hui Zhou,
zhbmxxf@163.com

[†]These authors have contributed equally
to this work

SPECIALTY SECTION
This article was submitted to Molecular
Diagnostics and Therapeutics,
a section of the journal
Frontiers in Molecular Biosciences

RECEIVED 23 August 2022
ACCEPTED 18 October 2022
PUBLISHED 03 November 2022

CITATION
Sun G, Ge Y, Zhang Y, Yan L, Wu X,
Ouyang W, Wang Z, Ding B, Zhang Y,
Long G, Liu M, Shi R, Zhou H, Chen Z and
Ye Z (2022), Corrigendum: Transcription
factors BARX1 and DLX4 contribute to
progression of clear cell renal cell
carcinoma via promoting proliferation
and epithelial–mesenchymal transition.
Front. Mol. Biosci. 9:1026319.
doi: 10.3389/fmolb.2022.1026319

COPYRIGHT
© 2022 Sun, Ge, Zhang, Yan, Wu,
Ouyang, Wang, Ding, Zhang, Long, Liu,
Shi, Zhou, Chen and Ye. This is an open-
access article distributed under the
terms of the [Creative Commons
Attribution License \(CC BY\)](#). The use,
distribution or reproduction in other
forums is permitted, provided the
original author(s) and the copyright
owner(s) are credited and that the
original publication in this journal is
cited, in accordance with accepted
academic practice. No use, distribution
or reproduction is permitted which does
not comply with these terms.

Corrigendum: Transcription factors BARX1 and DLX4 contribute to progression of clear cell renal cell carcinoma via promoting proliferation and epithelial–mesenchymal transition

Guoliang Sun^{1,2,3†}, Yue Ge^{1,2†}, Yangjun Zhang^{1,2}, Libin Yan³,
Xiaoliang Wu^{1,2}, Wei Ouyang^{1,2}, Zhize Wang³, Beichen Ding⁴,
Yucong Zhang⁵, Gongwei Long^{1,2}, Man Liu^{1,2}, Runlin Shi¹,
Hui Zhou^{1,2*}, Zhiqiang Chen^{1,2} and Zhangqun Ye^{1,2}

¹Department of Urology, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China, ²Hubei Institute of Urology, Wuhan, China, ³Department of Urology, The First Affiliated Hospital, College of Medicine, Zhejiang University, Hangzhou, China, ⁴Department of Urology, First Affiliated Hospital of Harbin Medical University, Harbin, China, ⁵Department of Geriatric, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China

KEYWORDS

transcription factor, BARX1, DLX4, biomarker, clear cell renal cell carcinoma

A Corrigendum on
Transcription factors BARX1 and DLX4 contribute to progression of clear cell renal cell carcinoma via promoting proliferation and epithelial–mesenchymal transition

by Sun G, Ge Y, Zhang Y, Yan L, Wu X, Ouyang W, Wang Z, Ding B, Zhang Y, Long G, Liu M, Shi R, Zhou H, Chen Z and Ye Z (2021). *Front. Mol. Biosci.* 8:626328. doi: 10.3389/fmolb.2021.626328

In the published article, there was an error in [Figure 6](#) as published. The images for “BARX1” in [Figure 6C](#) and “sh-BARX1-1” in [Figure 6E](#) were misplaced during the upload process. The corrected [Figure 6](#) appears below.

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

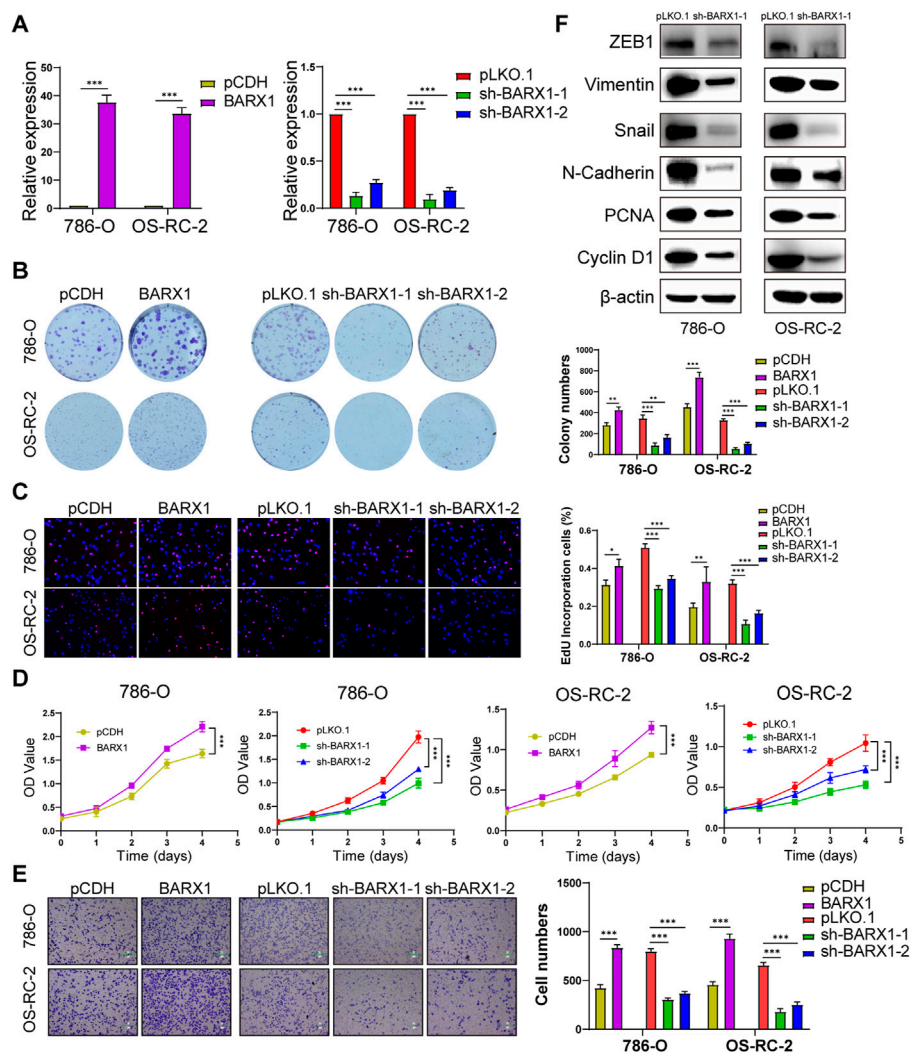


FIGURE 6

BARX1 promotes cell proliferation and migration of ccRCC. (A) The efficiency of RCC cell lines stably overexpressing or silencing BARX1 was validated by RT-PCR. (B–D) Colony formation assays, 5-ethynyl-20-deoxyuridine (EdU) assays, and CCK-8 assays were performed in ccRCC cell lines. (E) Transwell migration assay was applied in ccRCC cell lines. (F) The knockdown of BARX1 downregulates the expression of proliferation and EMT-related proteins.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated

organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.