

CORRECTION

Open Access



Correction: INHBA gene silencing inhibits proliferation, migration, and invasion of osteosarcoma cells by repressing TGF- β signaling pathway activation

Hongyu Zhang¹, Yuemei Huang², Qiuting Wen³, Yan Li⁴, Lin Guo¹ and Na Ge^{5*}

Correction: Journal of Orthopaedic Surgery and Research (2023) 18:848

<https://doi.org/10.1186/s13018-023-04330-2>

In this article, Fig. 8 appeared incorrectly and has now been corrected in the original publication. For completeness and transparency, the incorrect and correct versions of Fig. 8 have displayed below.

The original article can be found online at <https://doi.org/10.1186/s13018-023-04330-2>.

*Correspondence:

Na Ge

gena230321@163.com

¹Second Department of Orthopaedics, The Third Affiliated Hospital of Qiqihar Medical University, Qiqihar 161000, China

²Wuzhou Red Cross Hospital, Wuzhou 543002, China

³Department of Clinical Pathology, College of Qiqihar Medical University, Qiqihar 161006, China

⁴The First Hospital of Qiqihar, Qiqihar 161005, China

⁵Department of Radiology, The Third Affiliated Hospital of Qiqihar Medical University, No. 27 Taishun Street, Qiqihar 161000, China



© The Author(s) 2025. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

Incorrect Fig. 8

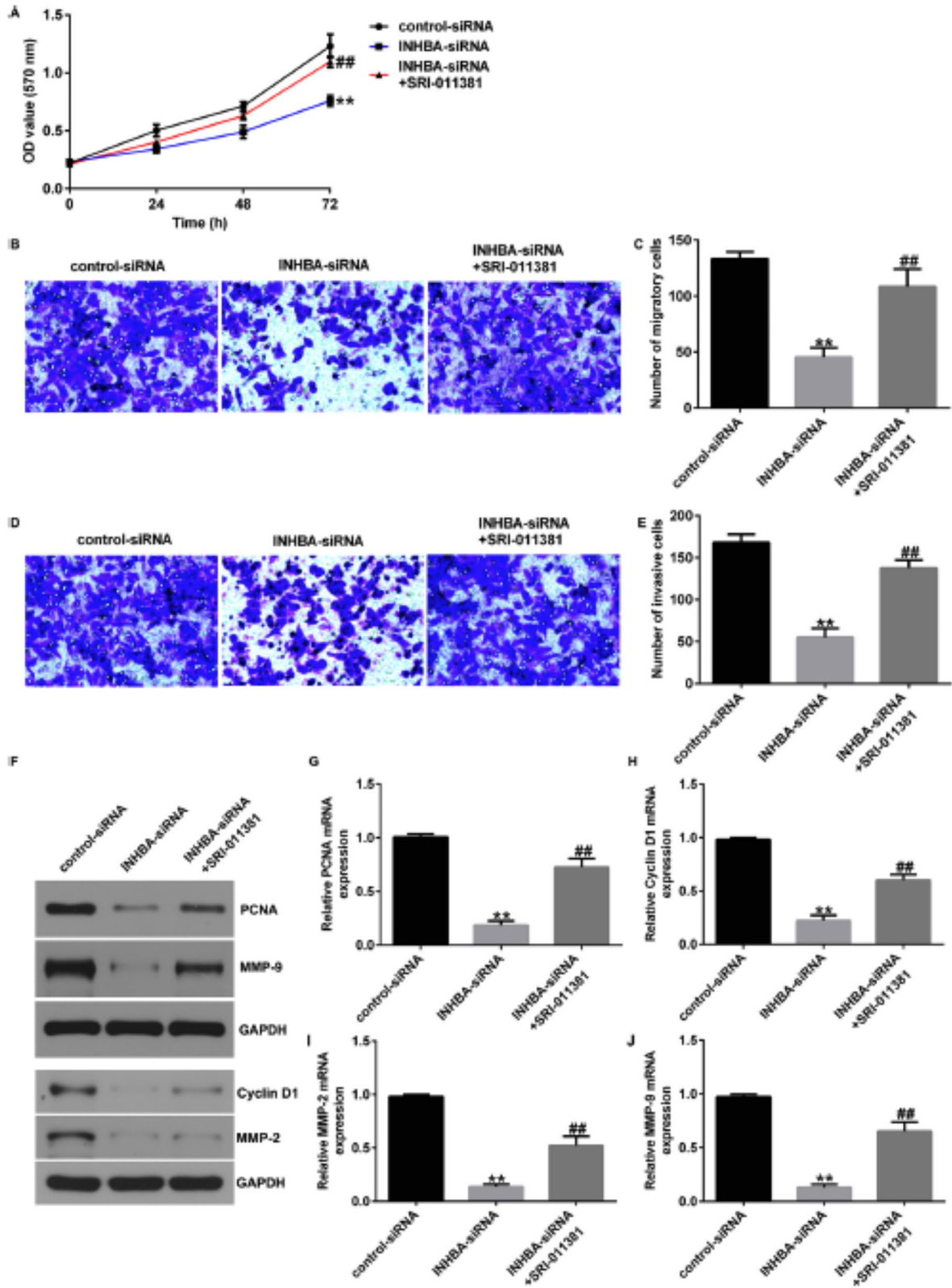


Fig. 8 TGF-β1 agonist reversed the effects of INHBA-siRNA on the proliferation, migration, and invasion of U2OS cells. **A** MTT assessment of U2OS cell proliferation; **B–E** Transwell assay of U2OS cell migration and invasion; **F–J** Analysis of PCNA, Cyclin D1, MMP-2, and MMP9 protein and mRNA expression in U2OS cells by western blotting and RT-qPCR. *p<0.01 versus control-siRNA group; ##p<0.01 versus INHBA-siRNA group

Corrected Fig. 8.

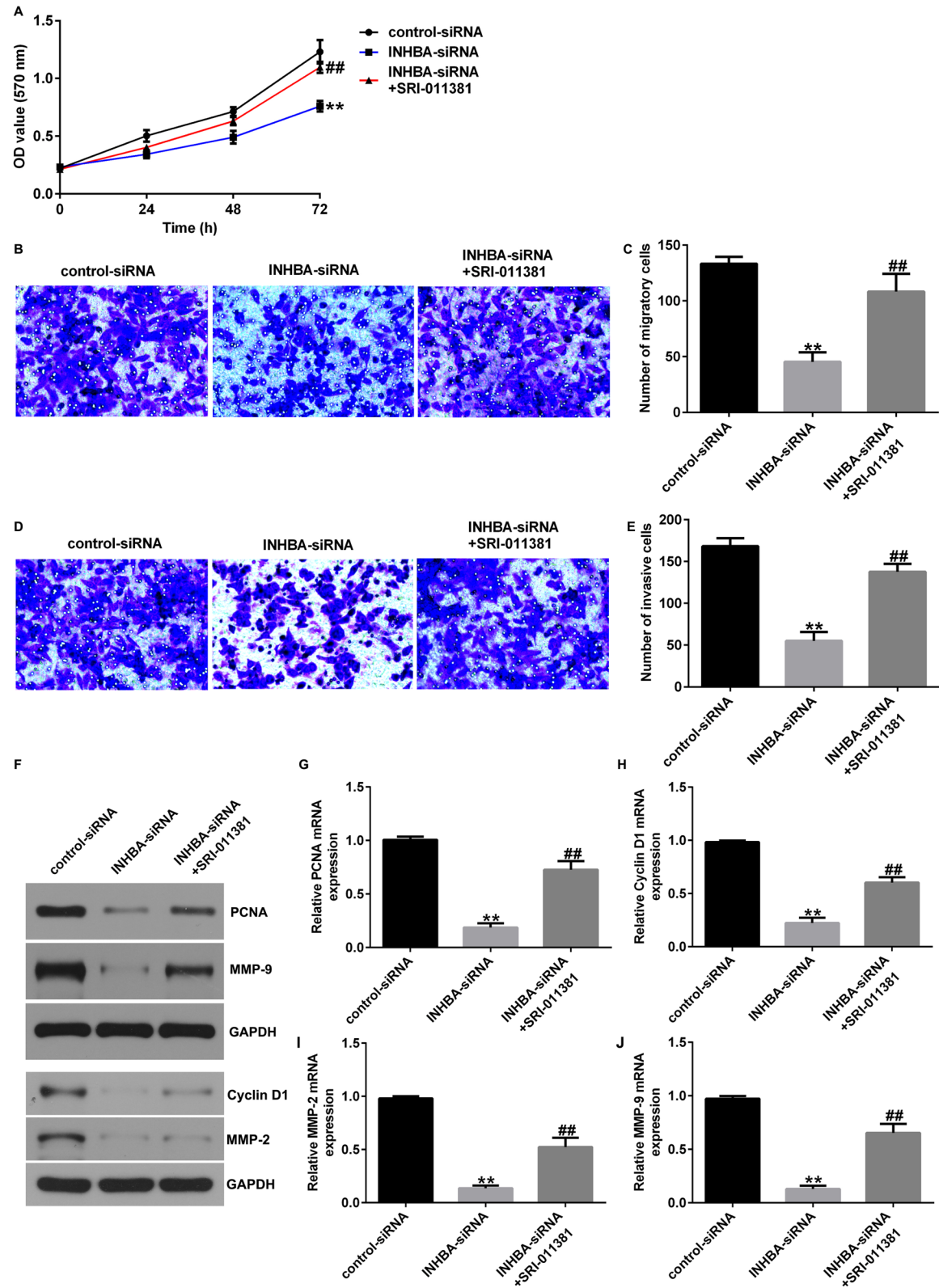


Fig. 8 TGF- β 1 agonist reversed the effects of INHBA-siRNA on the proliferation, migration, and invasion of U2OS cells. **A** MTT assessment of U2OS cell proliferation; **B–E** Transwell assay of U2OS cell migration and invasion; **F–J** Analysis of PCNA, Cyclin D1, MMP-2, and MMP9 protein and mRNA expression in U2OS cells by western blotting and RT-qPCR. * $p < 0.01$ versus control-siRNA group; ## $p < 0.01$ versus INHBA-siRNA

The original article has been corrected.

Published online: 09 April 2025

Publisher's note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.