frontiers | Frontiers in Oncology

TYPE Correction
PUBLISHED 02 September 2025
DOI 10.3389/fonc.2025.1641204

OPEN ACCESS

EDITED AND REVIEWED BY
Cecilia Ana Suarez,
National Scientific and Technical Research Council (CONICET), Argentina

*CORRESPONDENCE
Dong Wei
mdhiweidong@sina.com
Yajie Hu
huyajie880217@163.com

†These authors have contributed equally to this work

RECEIVED 04 June 2025
ACCEPTED 04 August 2025
PUBLISHED 02 September 2025

CITATION
Lv Y, Wang L, Zhang Y, Wei D and Hu Y (2025) Correction: circDENND4C serves as a sponge for miR-200b to drive non-small cell lung cancer advancement by regulating MMP-9 expression. *Front. Oncol.* 15:1641204. doi: 10.3389/fonc.2025.1641204

Correction: circDENND4C serves as a sponge for miR-200b to drive non-small cell lung cancer advancement by regulating MMP-9 expression

Yaming Lv[1,2†], Lan Wang[1,2†], Yunhui Zhang[1,2], Dong Wei[3*] and Yajie Hu[1,2*]

[1]Department of Respiratory Medicine, The Affiliated Hospital of Kunming University of Science and Technology, Kunming, China, [2]Department of Respiratory Medicine, The First People's Hospital of Yunnan Province, Kunming, China, [3]Department of Hepatopancreatobiliary Surgery, The Second Affiliated Hospital of Kunming Medical University, Kunming, China

KEYWORDS

circDENND4C, miR-200b, MMP-9, non-small cell lung cancer (NSCLC), tumor progression

A Correction on

circDENND4C serves as a sponge for miR-200b to drive non-small cell lung cancer advancement by regulating MMP-9 expression

By Lv Y, Wang L, Zhang Y, Wei D and Hu Y (2025) *Front. Oncol.* 15:1441384. doi: 10.3389/fonc.2025.1441384

There was a mistake in **Figure 5B** and **Figure 6B** as published. In **Figure 5B**, due to the author's unintentionally arranged error, the flow cytometry image of apoptosis results of the miR-200b-Knockdown group was incorrected as the image of the Mock group. In **Figure 6B**, due to the author adopted the same photoing techniques to obtain many high quality pictures for the migration and invasion experiments, the original picture sources of the Plasmid-Control group and the miR-200b-Over group were unintentionally misused when the author selected the photos and arranged them. The corrected [**Figure 5B** and **Figure 6B**] and its caption "Figure 5B Flow cytometry was used to analyze the apoptotic rate of A549 cells transfected with the overexpression and knockdown vectors of circDENN4C, miR-200b and MMP-9. The data are presented as the mean ± SEM." and "Figure 6B The invasion of A549 cells transfected with the indicated vectors was assessed by transwell invasion assay. The data are presented as the mean ± SEM." appear below.

The original article has been updated.

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.

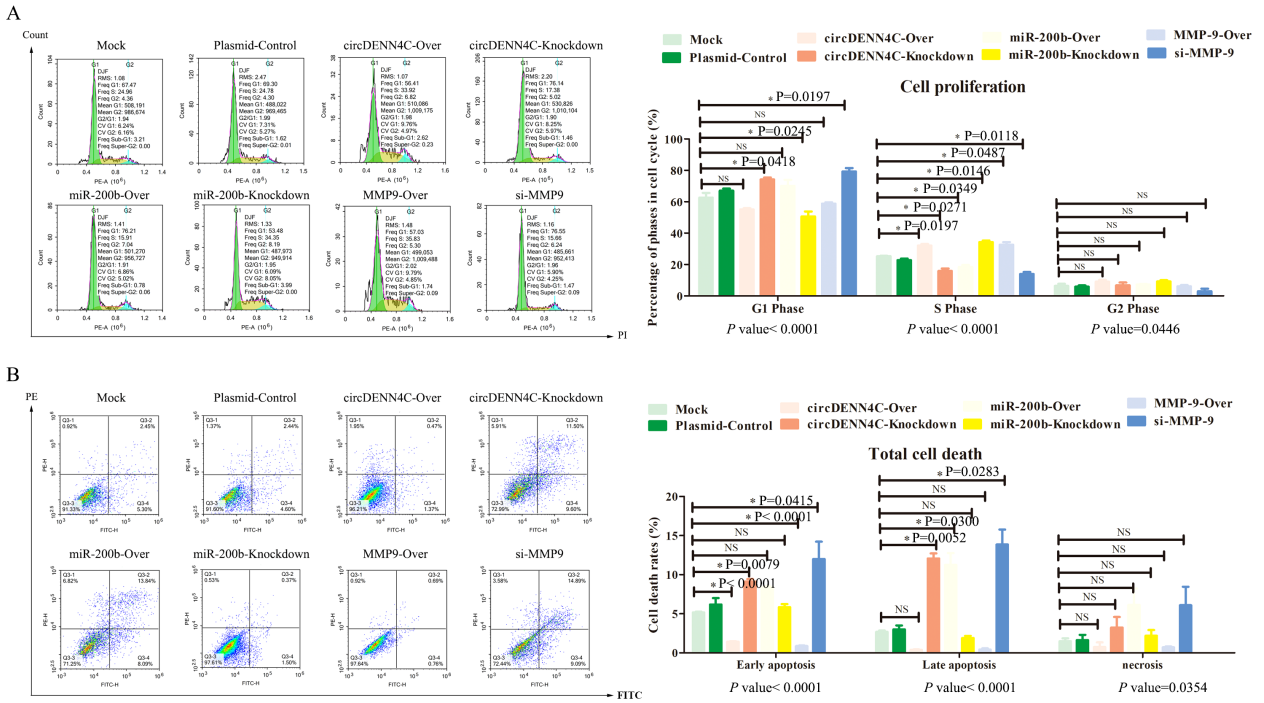

FIGURE 5
Influences of the circDENND4C/miR-200b/MMP-9 regulatory axis on cell cycle and cell death of A549 cells. **(A)** Flow cytometry was used to analyze the cell cycle in A549 cells transfected with the overexpression and knockdown vectors of circDENN4C, miR-200b, and MMP-9. **(B)** Flow cytometry was used to analyze the apoptotic rate of A549 cells transfected with the overexpression and knockdown vectors of circDENN4C, miR-200b and MMP-9.The data are presented as the mean ± SEM. The *p*-values at the bottom of the bar chart are obtained by ANOVA among multiple groups, while the NS and detailed *p*-values labeled in the bar chart are the results of post-ANOVA comparison. NS, not significant.

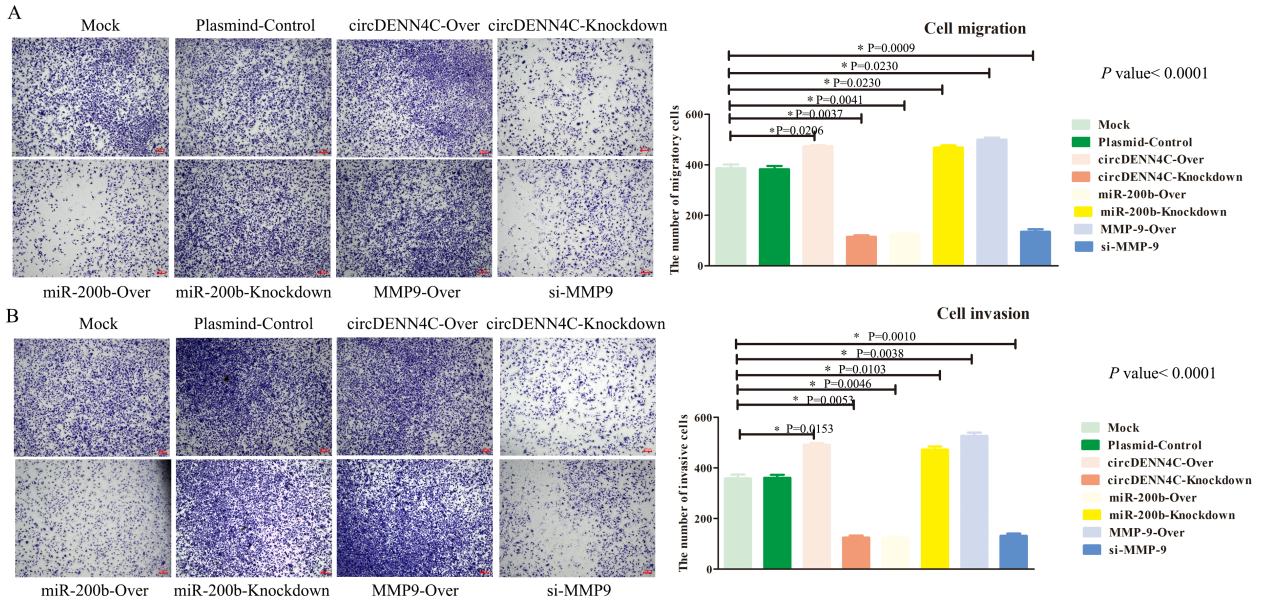

FIGURE 6
The circDENND4C/miR-200b/MMP-9 axis regulated NSCLC cell migration and invasion. **(A)** The migration of A549 cells transfected with the indicated vectors was assessed by the transwell migration assay. **(B)** The invasion of A549 cells transfected with the indicated vectors was assessed by transwell invasion assay. The data are presented as the mean ± SEM. The *p*-values on the right side of the bar chart are obtained by ANOVA among multiple groups, while the detailed *p*-values labeled in the bar chart are the results of post-ANOVA comparison. NS, not significant.