Correction to: HOXA11-AS promotes the migration and invasion of hepatocellular carcinoma cells by inhibiting miR-124 expression by binding to EZH2

Wen-long Zhang¹ · Ya-nan Zhao¹ · Zhang-zhen Shi¹ · Gui-ying Gu¹ · Dan Cong¹ · Chen Wei² · Yuan-song Bai¹

Published online: 17 September 2021
© Japan Human Cell Society 2021

Correction to: Human Cell (2019) 32:504–514
<https://doi.org/10.1007/s13577-019-00269-x>

The original version of this article that appeared online was published with errors in Figs. 2, 3, 5 and 6. The revised figures are given in this correction.

The original article can be found online at <https://doi.org/10.1007/s13577-019-00269-x>.

✉ Yuan-song Bai
ysbai_cjuh@126.com

¹ Department of Hematology and Oncology, China-Japan Union Hospital of Jilin University, No.126, Xiantai Street, Changchun 130033, Jilin, China

² Zhongyuan Union Clinical Laboratory Co., Ltd, Beijing 100176, China

Fig. 2 Downregulation of HOXA11-AS inhibited HCC cell invasion and migration. **a** After transfection with si-HOXA11-AS, the relative expression of HOXA11-AS was much lower according to the qRT-

PCR. $**P < 0.01$. The ability of the HepG2 and Hep3B cells to invade (**b**) and migrate (**c**) was remarkably decreased after transfection with si-HOXA11-AS. $**P < 0.01$

Fig. 3 Overexpression of HOXA11-AS promoted HCC cell invasion and migration. **a** Significantly increased HOXA11-AS levels were found in the MHCC-97H and BEL7402 cells after transfection with the pCDNA-HOXA11-AS vector. ** $P < 0.01$. **b** A striking increase

in the invasion of the MHCC-97H and BEL7402 cells was observed after pCDNA-HOXA11-AS transfection. * $P < 0.05$. **c** A striking increase in the migration of the MHCC-97H and BEL7402 cells was observed after the pCDNA-HOXA11-AS transfection. ** $P < 0.01$

Fig. 5 Overexpression of miR-124 reversed the enhanced invasion and migration ability of the MHCC-97H and BEL7402 cells as induced by HOXA11-AS. **a** Overexpression of miR-124 reversed the enhanced invasion ability induced by HOXA11-AS. **b** Overexpres-

sion of miR-124 reversed the enhanced migration ability induced by HOXA11-AS. ** $P < 0.01$: pCDNA-HOXA11-AS versus control; ### $P < 0.001$: pCDNA-HOXA11-AS+miR-124 mimic versus pCDNA-HOXA11-AS

Fig. 6 Silencing the expression of EZH2 reverses the cell invasion and migration effects induced by HOXA11-AS. **a** EZH2 expression was significantly decreased in the MHCC-97H and BEL7402 cells after transfection with EZH2 siRNA. ** $P < 0.01$. **b** EZH2 silencing reversed the HCC cell invasion ability induced by HOXA11-AS.

cEZH2 knockdown reversed the HCC cell migration ability induced by HOXA11-AS. ** $P < 0.01$: pCDNA-HOXA11-AS versus control; ### $P < 0.001$: pCDNA-HOXA11-AS+si-EZH2 versus pCDNA-HOXA11-AS