

ERRATUM

Correction to: *ZNF582* hypermethylation promotes metastasis of nasopharyngeal carcinoma by regulating the transcription of adhesion molecules *Nectin-3* and *NRXN3*

Following publication of this article [1], the authors noticed that the mismatched images were inadvertently included in Figure 5 (migration assays of SUNE1-shNRXN3-#2 group in Figure 5I) and Figure 6 (invasion assays of SUNE1-ZNF582+Nectin3 group in Figure 6A). This error has now been corrected online.

The original data has been submitted to the editorial board of Cancer Communications and has been approved. The authors apologize for this oversight. The correction has no effect on the validity and integrity of the work. We thank the first author, Dr. Yin Zhao, for noticing this mistake.

Author information

Yin Zhao^{1,†}, Xiao-Hong Hong^{1,†}, Kang Li^{2,†}, Ying-Qing Li^{1,†}, Ying-Qin Li¹, Shi-Wei He¹, Pan-Pan Zhang¹, Jun-Yan Li¹, Qian Li¹, Ye-Lin Liang¹, Yang Chen¹, Jun Ma¹, Na Liu¹, Yu-Pei Chen¹

Affiliations

¹Experimental Research Department, Sun Yat-sen University Cancer Center; State Key Laboratory of Oncology in South China; Collaborative Innovation Center of Cancer Medicine; Guangdong Key Laboratory of Nasopharyngeal Carcinoma Diagnosis and Therapy, Guangzhou 510060, Guangdong, P. R. China

²Center for Translational Medicine, The First Affiliated Hospital, Sun Yat-sen University, Guangzhou 510080, Guangdong, P. R. China

[†]These authors contributed equally to this article

Yin Zhao, Xiao-Hong Hong, Kang Li, and Ying-Qing Li contributed equally to this work.

Corresponding authors

Correspondence to Yu-Pei Chen (chenyup1@sysucc.org.cn).

REFERENCE

1. Zhao Y, Hong XH, Li K, Li YQ, Li YQ, He SW, et al. ZNF582 hypermethylation promotes metastasis of nasopharyngeal carcinoma by regulating the transcription of adhesion molecules Nectin-3 and NRXN3. *Cancer Communications* (London, England), 2020, 40(12): 721-737. <https://doi.org/10.1002/cac2.12104>.

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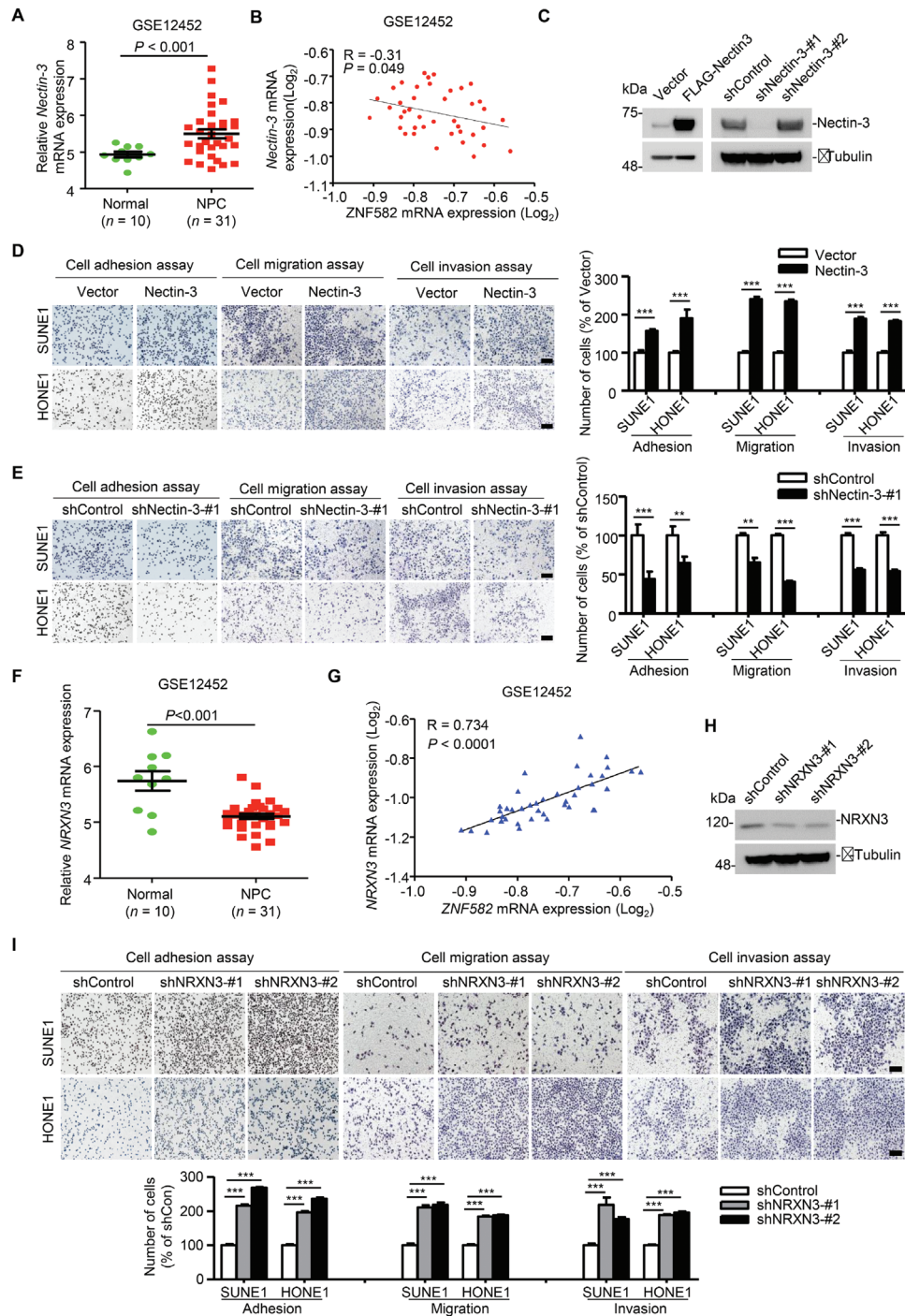


FIGURE 5 Both Nectin-3 and NRXN3 are functional targets of ZNF582 in NPC. (A) The mRNA expression level of Nectin-3 in NPC and normal nasopharyngeal tissue samples in the GSE12452 microarray dataset. (B) Correlation between Nectin-3 mRNA expression and ZNF582 expression in the GSE12452 dataset. (C) Western blotting of Nectin-3 in SUEN1 cells transfected with plasmids encoding empty vector, FLAG-Nectin-3, or Nectin-3-shRNAs. (D-E) Cell adhesion, migration, and invasion assays were performed in SUEN1 and HONE1 cells transfected with plasmids encoding control vector or Nectin-3 (D) or transfected with plasmids encoding shControl or Nectin-3-shRNA (E). (F) The mRNA expression level of NRXN3 in the GSE12452 microarray dataset. (G) Correlations between NRXN3 mRNA expression and ZNF582 expression in the GSE12452 dataset. (H) Western blotting of NRXN3 in SUEN1 cells transfected with plasmids encoding shControl or NRXN3-shRNAs. (I) Cell adhesion, migration, and invasion assays were performed in SUEN1 and HONE1 cells transfected with plasmids encoding shControl or NRXN3-shRNA (#1 or #2). Scale bar: 100 μm . All data are presented as mean \pm standard deviation of at least three independent experiments. Student's *t*-test, ** $P < 0.01$; *** $P < 0.001$. Abbreviations: NPC, nasopharyngeal carcinoma; shControl, control shRNA; shRNA, short-hairpin RNA.

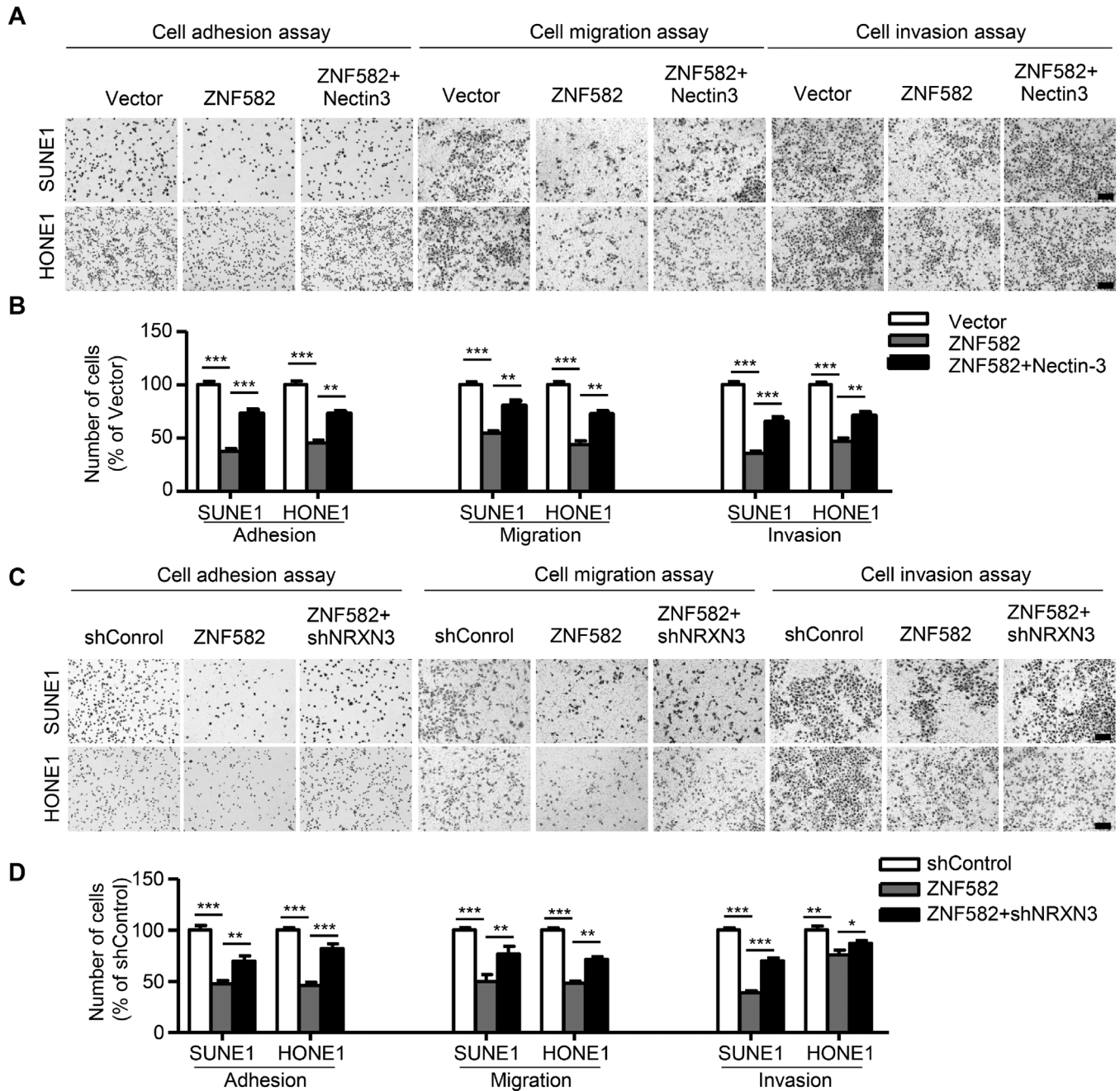


FIGURE 6 ZNF582 inhibits NPC cell adhesion, migration, and invasion via Nectin-3 and NRXN3. (A-B) The cell adhesion, migration, and invasion assays were performed in SUNE1 and HONE1 cells stably overexpressed vector or ZNF582 and co-transfected with plasmids encoding empty vector or Nectin-3. (C-D) The cell adhesion, migration, and invasion assays were performed in SUNE1 and HONE1 cells stably overexpressed vector or ZNF582 and co-transfected with plasmids encoding empty vector or NRXN3-shRNA (#1 and #2). Scale bar: 100 μ m. All data are presented as mean \pm standard deviation of at least three independent experiments. Student's *t*-test, * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$. Abbreviations: NPC, nasopharyngeal carcinoma; shControl, control shRNA; shRNA, short-hairpin RNA.