

CORRECTION

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# Correction: CircNEIL3 regulatory loop promotes pancreatic ductal adenocarcinoma progression via miRNA sponging and A-to-IRNA-editing

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In our BMC Research publication in *Molecular Cancer* entitled 'CircNEIL3 regulatory loop promotes pancreatic ductal adenocarcinoma progression via miRNA sponging and A-to-I RNA-editing' [1], we misplaced two images in Fig. 2C and Fig. S3D. These errors inadvertently happened during the stage of our figure assembly with photoshop software. The corrected version of Fig. 2 and Fig. S3 has been provided.

The correction does not affect the conclusion or discussion of this article.

## Supplementary Information

The online version contains supplementary material available at <https://doi.org/10.1186/s12943-022-01636-3>.

**Additional file 1: Figure S3.** ADAR1 downregulation reverses the oncogenic phenotype induced by circNEIL3 overexpression. **a-i.** CCK-8, colony formation, EdU, transwell and wound healing assay results showed that transfection with the ADAR1 shRNA inhibited the proliferation, migration, and invasion abilities of MiaPaca-2 cells, which was reversed after cotransfection with the circNEIL3 plasmid. The EdU samples were imaged at 200× magnification. Scale bar = 50 μm. The transwell and wound healing samples were imaged at 100× magnification. Scale bar = 100 μm. All data are presented as the means ± SD of three independent experiments. \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ , \*\*\*\* $p < 0.0001$ .

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1. Shen P, Yang T, Chen Q, et al. CircNEIL3 regulatory loop promotes pancreatic ductal adenocarcinoma progression via miRNA sponging and A-to-I RNA-editing. *Mol Cancer*. 2021;20:51. <https://doi.org/10.1186/s12943-021-01333-7>.

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(See figure on next page.)

**Fig 2** CircNEIL3 promotes the proliferation, migration and invasion of PDAC cells in vitro. **a.** RT-qPCR analysis of circNEIL3 and NEIL3 mRNA expression in CFPAC-1 and MiaPaca-2 cells transfected with a lentivirus and circNEIL3 plasmid. **b.** The growth curves of cells were evaluated by CCK-8 assays after knocking down and overexpressing circNEIL3 in CFPAC-1 and MiaPaca-2 cells. **c-d.** Colony formation assays were performed to evaluate cell proliferation. **e-f.** EdU assays of PDAC cells was performed to evaluate cell proliferation. The samples were imaged at 200× magnification. Scale bar = 50 μm. **g-h.** Transwell assays were performed to assess the migration and invasion abilities of PDAC cells. The samples were imaged at 100× magnification. Scale bar = 100 μm. **i-j.** Cell migration was assessed using a wound healing assay. The samples were imaged at 100× magnification. Scale bar = 100 μm. All data are presented as the means ± SD of three independent experiments. \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

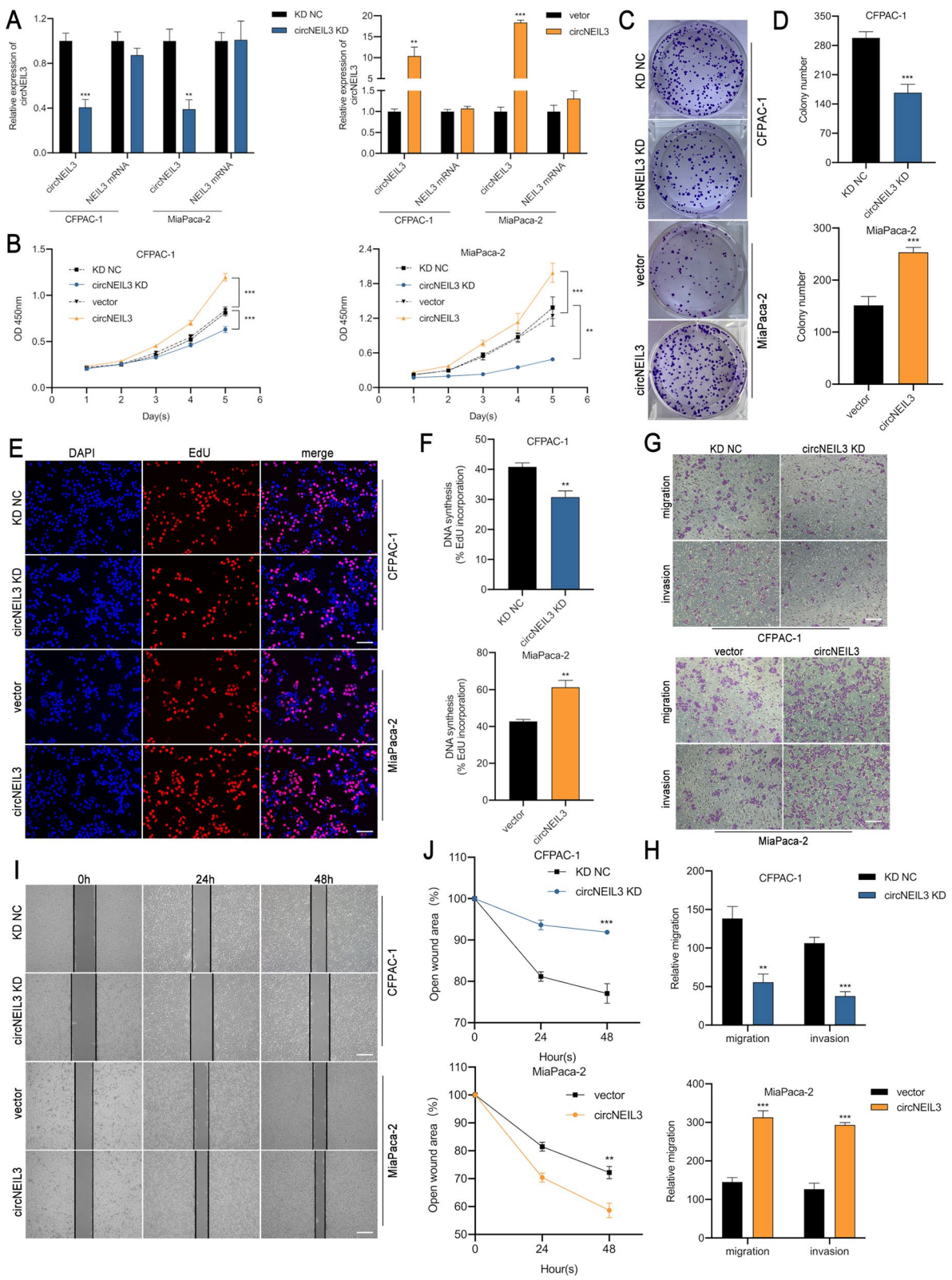


Fig 2 (See legend on previous page.)