

# Corrigendum: CORO1C is Associated with Poor Prognosis and Promotes Metastasis Through PI3K/AKT Pathway in Colorectal Cancer

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### A corrigendum on

# CORO1C is Associated with Poor Prognosis and Promotes Metastasis through PI3K/AKT Pathway in Colorectal Cancer

by Wang, Z., Jia, L., Sun, Y., Li, C., Zhang, L., Wang, X., Chen, H. (2021). Front. Mol. Biosci. 8:682594. doi: 10.3389/fmolb.2021.682594

In the original article, there was a mistake in the caption for **Figure 4A** as published. The incorrect caption stated NCM460 cell lines are normal gastric epithelial cells, however, NCM460 cell lines are normal colorectal epithelial cells. The correct caption for **Figure 4** appears below. Additionally, there was a mistake in **Figure 1** as published. Figure 1C is immunofluorescence and **Figure 1D** is immunocomplex by Co-IP. OE-ControlTrop2 should appear on the top row and OE-Trop2 should appear on the bottom row in **Figure 1C**. Representative images for these parts contain small issues which have been corrected. The corrected **Figure 1** appears below.

**FIGURE 4.** The effects of CORO1C knockdown on CRC growth and metastasis *in vitro* and *in vivo*. **(A)** Levels of CORO1C1 protein expression in CRC cell lines and normal colorectal epithelial cells (NCM460) determined by western blotting. **(B)** COCA2 and HCT116 cells showed a significant decrease in protein level after shCORO1C transfection. **(C)** CORO1C downregulation significantly inhibited the proliferation of both cell lines. **(D)** A significant decrease in cell anchorage-dependent growth was detected after CORO1C knockdown. **(E, F)** Decreased CORO1C expression impaired abilities of migration **(E)** and invasion **(F)** of CRC cells (scale bar, 150 µm). All quantitative data of *in vitro* assays were generated from three replicates **(G)**. The effects of CORO1C downregulation on the tumor growth in the xenograft mouse model (n = 6 mice/per group). \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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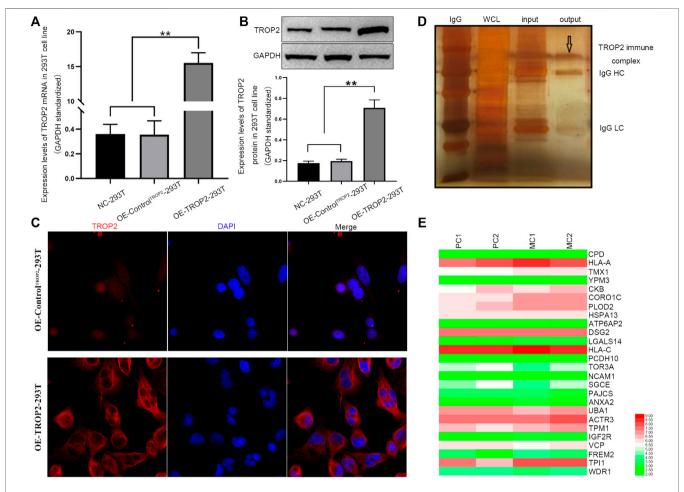


FIGURE 1 | Associations between CORO1C, TROP2, and CRC metastasis. Overexpression of Trop2 in 293T cells was confirmed by (A) qRT-PCR, (B) Western blotting, and (C) Immunofluorescence. (D) Trop2 immunocomplex by Co-IP; (E) Heatmap of proteins interacting with Trop2 in PC and MC. The RNA-seq data were obtained from GSE28702. Red and green colors represent high and low gene expression, respectively. PC: primary CRC; MC: metastatic CRC, \*\*p < 0.01.

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