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Author Correction: Deregulation of the miR-16-KRAS axis promotes colorectal cancer

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The original version of this Article contains errors.

In Figure 4D, the representative images for the cell invasion assay experiments “pre-miR-control+control vector” and “pre-miR-16+KRAS vector” are partially duplicated from the image showing “pre-miR-control”.

The correct Figure 4 and accompanying legend appear below.

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Figure 4. Effect of miR-16 and KRAS on the proliferation, invasion and apoptosis of CRC cells. (A) Cell proliferation assays were performed 12, 24, 36, 48 and 60 h after the transfection of SW480 cells with pre-miR-16 or pre-miR-control. (B) Cell proliferation assays were performed 12, 24, 36, 48 and 60 h after the transfection of Caco2 cells with anti-miR-16 or anti-miR-control. (C) Cell proliferation assays were performed 12, 24, 36, 48 and 60 h after the transfection of SW480 cells with pre-miR-control plus a control plasmid, pre-miR-control plus a KRAS overexpression plasmid, pre-miR-16 plus a control plasmid, or pre-miR-16 plus a KRAS overexpression plasmid. (D and E) Transwell analysis of SW480 cells transfected with pre-miR-16 or pre-miR-control, or with pre-miR-control plus a control plasmid, pre-miR-control plus a KRAS overexpression plasmid, pre-miR-16 plus a control plasmid, or pre-miR-16 plus a KRAS overexpression plasmid. At the same time, Caco2 cells were transfected with anti-miR-16 or anti-miR-control and then subjected to Transwell analysis. D: representative image; E: quantitative analysis. (F and G) An apoptosis assay was performed 48 h after the transfection of SW480 cells with pre-miR-16 or pre-miR-control, or with pre-miR-control plus a control plasmid, pre-miR-control plus a KRAS overexpression plasmid, pre-miR-16 plus a control plasmid, or pre-miR-16 plus a KRAS overexpression plasmid. At the same time, Caco2 cells were transfected with anti-miR-16 or anti-miR-control and then subjected to apoptosis analysis. Cell apoptosis profiles were analyzed by flow cytometry. F: representative image; G: quantitative analysis. (mean $\pm$ S.D.; * p < 0.05; ** p < 0.01; *** p < 0.001).

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