

Erratum

MicroRNA-217 inhibits cell proliferation and invasion by targeting Runx2 in human glioma: Am J Transl Res. 2016; 8(3): 1482-1491

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In this article, we found that there are some mistakes in **Figures 3, 5, 6**, and the correct pictures are shown below. We would like to publish this Erratum to reflect changes. The authors express regrets for these mistakes.

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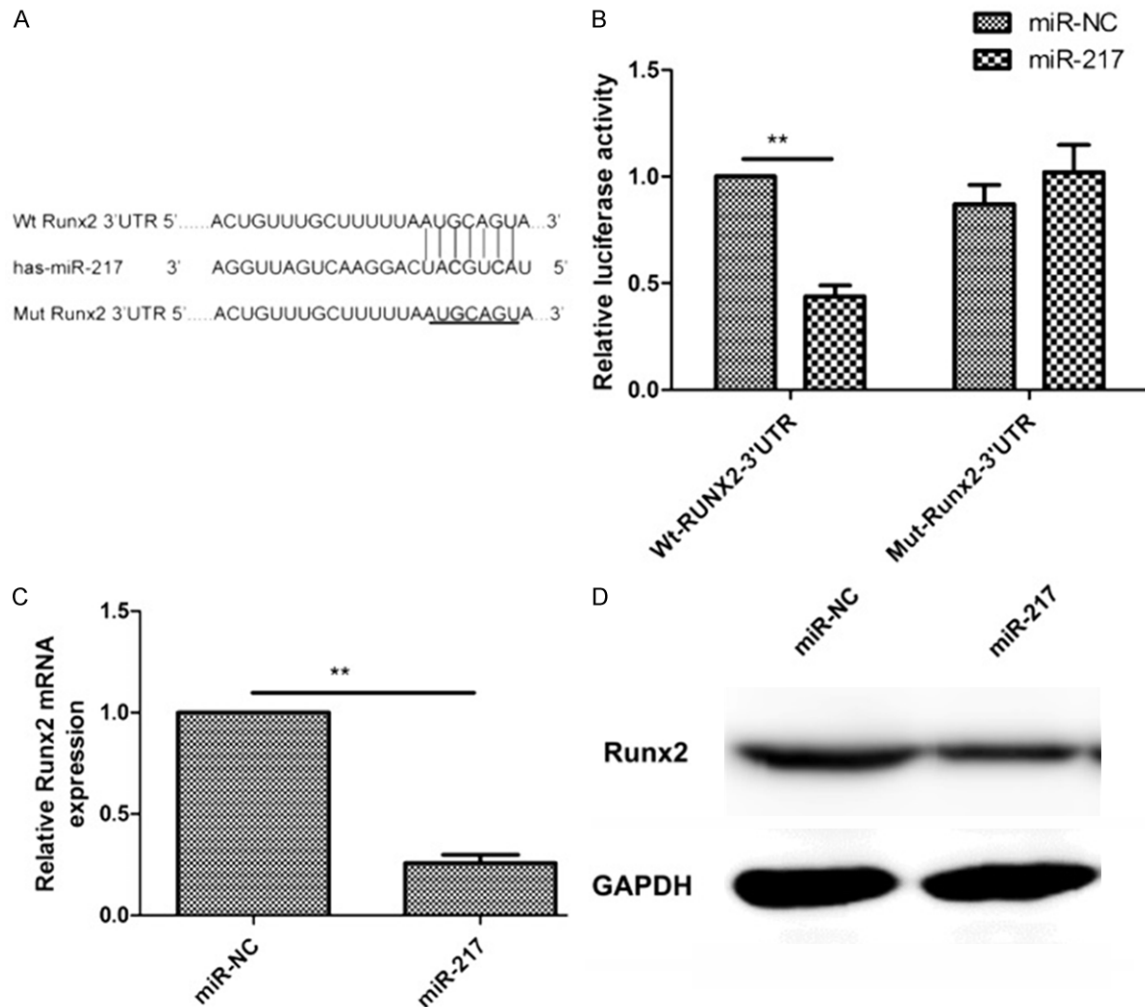


Figure 3. Runx2 is a target of miR-217 in glioma cells. A. Runx2 has binding sequences for miR-217 at position (3386-3393). B. The luciferase activity of U87 cells was determined after co-transfection with the miR-217 mimics or miR-NC and wide-type or mutant-type report plasmid. C. qRT-PCR was performed to detect the expression of Runx2 in U87 cells transfected with miR-217 mimics or miR-NC. The GAPDH was used as an internal control. D. Western blotting analyzed the protein level of Runx2 in U87 cells transfected with miR-217 mimics or miR-NC. The GAPDH was used as an internal control. * $P < 0.05$, ** $P < 0.01$ versus miR-NC.

miR-217 inhibits glioma proliferation and invasion by targeting Runx2

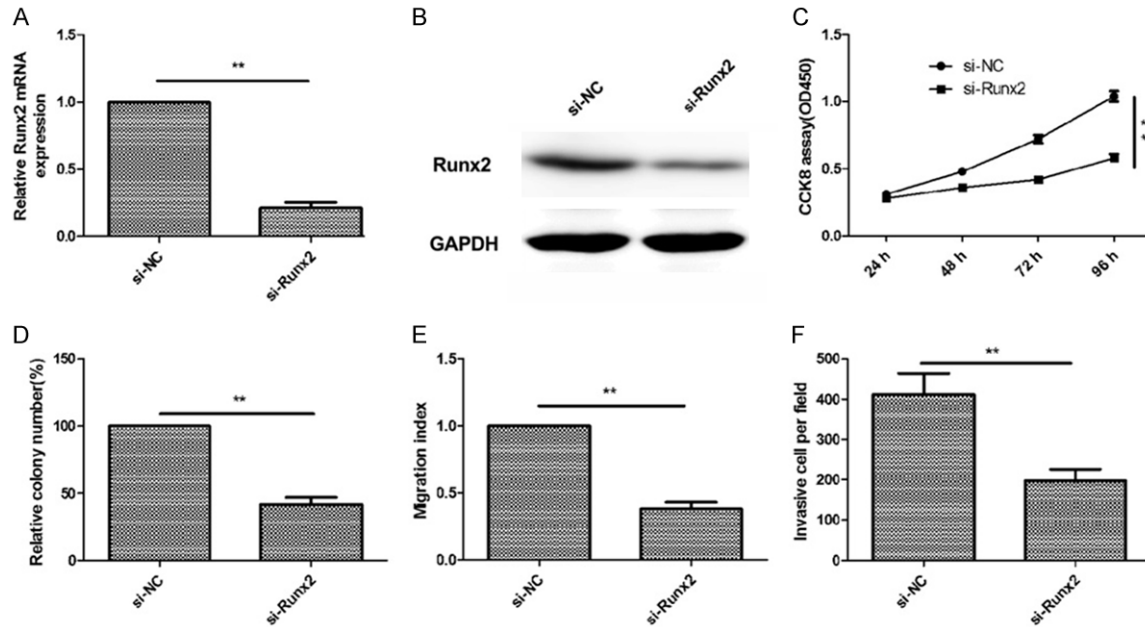


Figure 5. Downregulation of Runx2 exhibited similar effect with miR-217 overexpression in glioma cells. A and B. Runx2 expression on mRNA level and protein level were measured in U87 cells transfected with si-Runx2 or si-NC by qRT-PCR and western blot, respectively. GAPDH was used as an internal control. C-F. Cell proliferation, colony formation, migration and invasion were determined in U87 cells after transfected with si-Runx2 or si-NC. * $P < 0.05$, ** $P < 0.01$ versus si-NC.

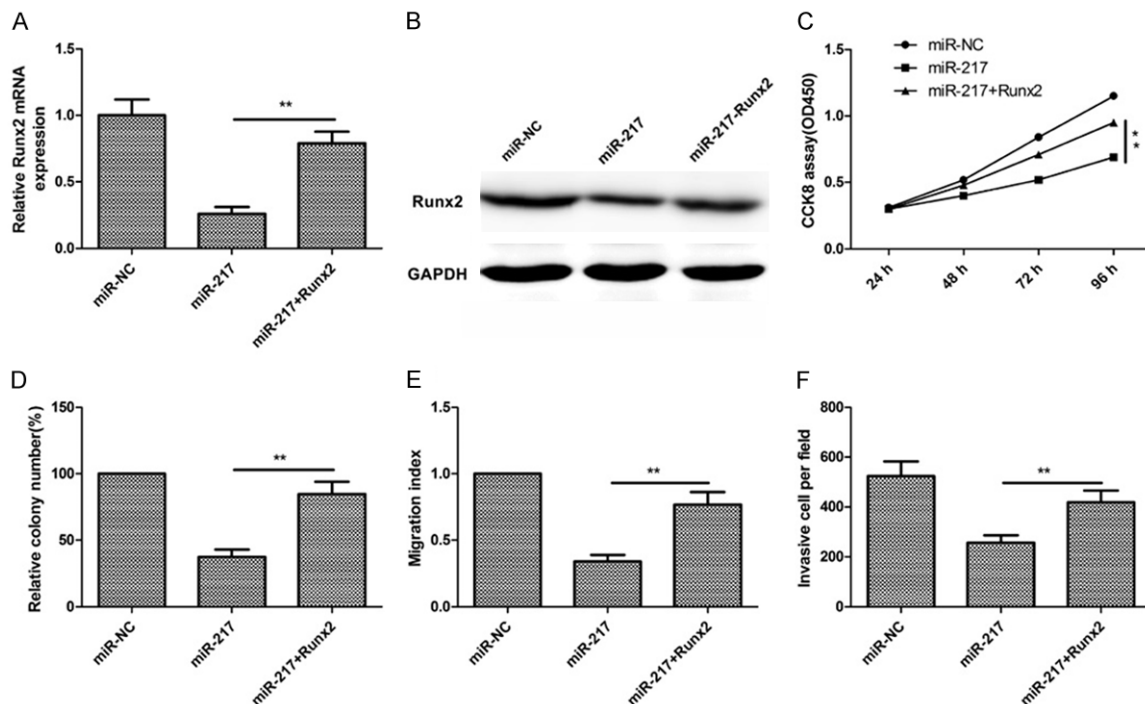


Figure 6. Overexpression of Runx2 rescues the effects of miR-217 in glioma cells. A and B. Runx2 expression on mRNA level and protein level in U87 cells co-transfected with Runx2 overexpression plasmid and miR-217 mimic or miR-NC by qRT-PCR and western blot, respectively. GAPDH was used as an internal control. C-F. Cell proliferation, colony formation, migration and invasion were determined in U87 cells transfected with miR-217 mimic with/without Runx2 overexpression plasmid. * $P < 0.05$, ** $P < 0.01$ versus miR-217.