Circular RNA Profiling Reveals That circRNA_104433 Regulates Cell Growth by Targeting miR-497-5p in Gastric Cancer [Corrigendum]

Wei W, Mo X, Yan L, et al. Cancer Manag Res. 2020;12:15—30.

The authors have advised there are errors in Figures 3 and 5.

Figure 3, page 24. The key in parts B and C have the labels of "823-Si-circRNA 0005039" and "7901-SicircRNA 0005039" should which "823-SicircRNA_104433" and "7901-Si-circRNA_104433", respectively. The correct Figure 3 is shown below.

Figure 5, page 26. The Y axis in part E has the label of "The relative expression of miR-593-5p" which should read "The relative expression of miR-497-5p". The correct Figure 5 is shown below.

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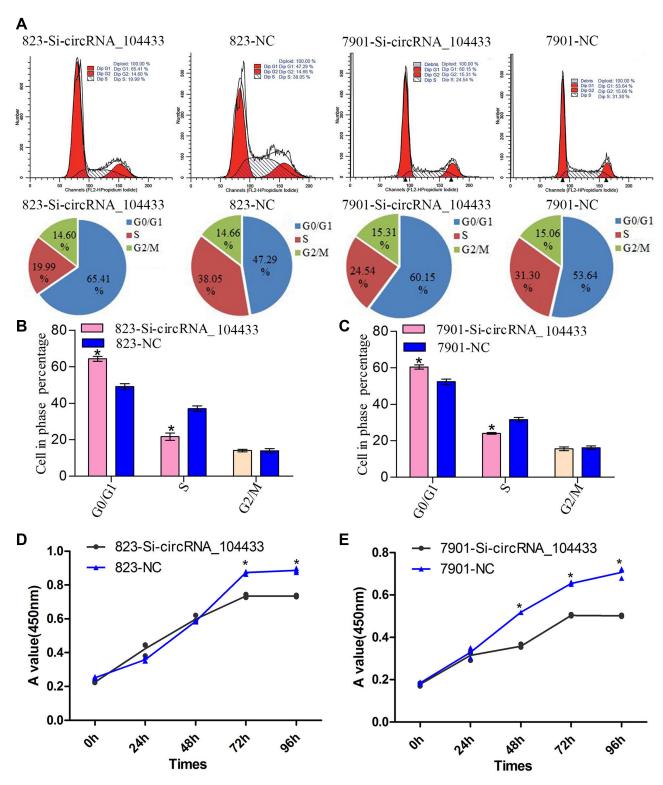


Figure 3 The effect of knockdown of circRNA_104433 on cell cycle distribution and proliferation in GC cells. Notes: (A) Flow cytometer assay was performed to assess the cell cycle. (B, C) The cell cycle distribution of each group was compared. (D, E) CCK8 assay was performed to assess cell proliferation. The OA value curve was used to compare cell proliferation of each group. All data are presented as mean ± S.D. *P < 0.05.

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hsa_circRNA_104433 WT(387-407) 5'...CACCCCAACAATGTGCTGCTG...3'
hsa-miR-497-5p 3'...UGUUUGGUGUCACACGACGAC...5'
hsa_circRNA_104433 MT(387-407) 5'...CACCCCAACAATCACGACGAG...3'

CDC25A 3' UTR WT(365-371) 5'...GAAGUUACACAGAAAUGCUGCUG...3'
hsa-miR-497-5p 3'...UGUUUGGUGUCACACGACGAC...5'

CDC25A 3' UTR MT(365-371) 5'...GAAGUUACACAGAAAUGCACGAG...3'

CDC25A 3' UTR WT(674-681) 5'...CUGUGGUACUGGGGCUGCUGCUA...3'
hsa-miR-497-5p 3'...UGUUUGGUGUCACACGACGAC...5'

CDC25A 3' UTR MT(674-681) 5'...CUGUGGUACUGGGGCACGACGAC...5'

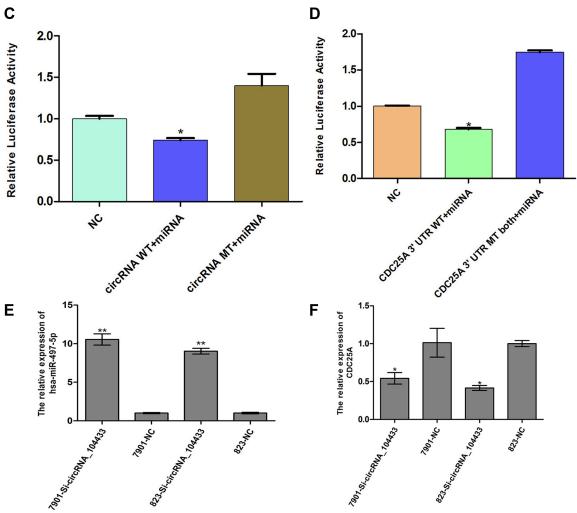


Figure 5 Confirmation of target gene.

Notes: (A) The base sequence of interaction of miR-497-5p and circRNA_104433 wild-type 3'-UTR and continuous missing style of 3' UTR reporters. (B) The base sequence of interaction of miR-497-5p and CDC25A wild-type 3'-UTR and continuous missing style of 3'UTR reporters. (C, D) Comparison of differentially expressed luciferase activity in each group. (E, F) Comparison of differentially expressed miR-497-5p and CDC25A in each group. All data are presented as mean ± S.D. *P < 0.05, **P < 0.01.

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