

Dear editors and reviews,

We had carefully revised this study according to the comments of the editors and reviewers, and the reply is as follows:

**To reviewer #1:**

(1) Mouse experiment is needed to consolidate the major findings in the study.

Thanks for your advice. We had supplemented in vivo experiments in mice to consolidate our finding in vitro.

(2) In figure 4B, you can not judge the effect of miR-30e-3p solely on the mRNA alteration of potential target genes, as miRNA majorly function at the translation level. WB is needed to check which target is regulated by miR-30e-3p.

Thanks for your advice. We had detected the protein level of these potential target genes to further screen the target genes.

(3) In figure 4C, 4E, and 4F, WB is needed to show the change of THOC2 level.

OK. We had detected the protein level of THOC2 to refine the experimental results.

(4) In figure 6, restoration assay is needed to show that the effect of miR-30e-3p on gastric cancer cell is via inhibition of THOC2.

Thanks for your advice. We had designed a restoration assay to verify that the function of miR-30e-3p in regulating gastric cancer is via inhibition of THOC2 (Figure 6E and 6F).

(5) Molecular weight of the WB band needs to be noted.

OK. We had noted the molecular weight of the WB.

**To reviewer #2:**

Thank you for your comments and recognition.

**To Science editor and company editor-in-chief:**

Thanks for your comments. We had carefully revised the manuscript in accordance with your comments and those of the reviewer.