

Response letter

Dear editor:

Thank you for the chance to revise our manuscript, and we appreciate the hard work for the improvement of this study. And we revised the manuscript according to the comments from editors and reviewers. Attached below is our point to point answer to all reviewers.

Reviewer #1

It is an interesting study that the transcription factor Sp1 is essential for the overexpression of STC2 in colon adenocarcinoma through activation of the promoter activity. Maybe this finding provides us new insights into the mechanism of tumor function of colon cancer by STC2. The manuscript seems well-written, and the study design is good. Overall, the text is clear, easy to read, and the result well highlighted. But some minor revision was needed: 1 Add more details about the role of STC2 in colon cancer or gastrointestinal tumors in INTRODUCTION or DISCUSSION. 2 Please check the P values of figures again. 3 Some minor language revision.

Response: We thank reviewer for the positive comments about our manuscript and insightful views.

1. Add more details about the role of STC2 in colon cancer or gastrointestinal tumors in INTRODUCTION or DISCUSSION

We thank for the suggestion of the reviewer, and we included recent study about STC2 in the introduction. And in the introduction, the molecular function of STC2 and its significance in some disease, especially in the gastrointestinal tumors were all included, and we believed that through our introduction, the reader could easily understand the research progress of STC2.

2. Please check the P values of figures again

Thanks for the reviewer's careful review, and we confirmed the P value in the figure, and we revised the label with superscript numbers for illustration.

3. Some minor language revision

Thanks for the reviewer's careful reading, and we corrected the minor errors and polish the English language of manuscript.

Reviewer #2

ESPS Manuscript NO: 47720. Title: Transcription factor Sp1 is involved in the overexpression of STC2 through the regulation of promoter activity in colon adenocarcinoma. The manuscript is well designed and had appropriate methodology. Also, it was considered firmly and relevant to a current problem in understanding of the mechanism of colon cancer function. The text is easy to follow. The English syntax has to be ameliorated in the introduction (beginning the sentence with and or but because) The title accurately reflects the major topic and contents of the study. The manuscript is well organized and the text is accompanied by appropriate figures. Results & Discussion: The data is clearly presented and the discussion is well organized. In the literature review, recent researches are listed to this topic but some references are not appropriately written according to the WJM guidelines. Overall, I suggest minor revision of the manuscript. In conclusion, this is a very interesting review which provides a view of the role of STC2 in colon adenocarcinoma development and progression.

Response: we thank for the reviewer's careful review and positive comments about our manuscript.

1. The English syntax has to be ameliorated in the introduction

We thank the reviewer's suggestion, and we corrected the minor errors and polish the English language of manuscript.

2. In the literature review, recent researches are listed to this topic but some references are not appropriately written according to the WJM guidelines

We thank the reviewer's suggestion, and in the revision, we corrected and included some necessary references in the manuscript according to the guide of World Journal of Gastroenterology.

Reviewer #3

Reviewer's comment to authors: The transcription factor Sp1 regulates the expression of STC2.

The stage of the colon cancer or liver metastatic colon cancer may be indicated in Figure 1c.

Response: We thank reviewer for the positive comment and careful review. And in Figure 1C, GEO (GSE50760) was included to identify the relationship between STC2 expression and liver metastasis, and we include the stage information in the Figure 1C, and we believe that it is convenient for the readers. We thank the reviewer again.