Author’s response to reviews

Title: Screening differentially expressed genes of pancreatic cancer between Mongolian and Han people using bioinformatics technology

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Response to Reviewers

First of all, thank you very much for your support and guidance to our article! We have revised it in accordance with your requirements. We have answered your questions one by one. We hope you will be satisfied with it, thank you!

Refutation and question reply to reviewer 4:

Question 1: Figure 1 and Figure 2 are not really required, but they can be included as supplementary figures.

Reply to question 1:

Thank you for your suggestions! We have removed the Figure 1 and Figure 2 to supplementary figures according to your advice. See specific changes in the article. We hope our modifications will satisfy you, thank you!

Question 2: Figure 5 is not really understandable, as far as I understood, 40 samples (20 Mongolian vs 20 Han) were analyzed. Then, it is expected that 40 samples should be shown in this heatmap instead of 20 samples. In any event, the description of this figure need be optimized.
Reply to question 2:

Thank you very much for your question! We are very sorry for the misunderstanding caused by our inaccurate expression in the article! Among the 20 Han and 20 Mongolian pancreatic cancer patients, according to the degree of tumor differentiation, 10 test samples were randomly selected from each of them to analyze and draw this heatmap. Therefore, this heatmap does have information about only 20 test samples. We have modified the description of this figure according to your suggestion as follows: Fig. 3 Hierarchical cluster analysis hotmap: The result of cluster analysis of the significantly differently expressed gene expression profiles between two groups of samples. The columns in the figure represent the samples and the rows represent the differentially expressed genes. We hope that our modification and responses will make you satisfied, thank you!

Question 3: Figure 8 is very confusing; the authors claim that this figure is to confirm the array data using QRT-PCR assay. However, the figure itself is very misleading. No one can really understand this. Certainly, it is highly relevant to know whether the differentially expressed genes such as CPB1 and COL11A1 between Mongolian and Han pancreatic cancers were also differentially expressed in normal tissues.

Reply to question 3:

Thank you very much for pointing this out! We sincerely apologize for the misunderstanding caused by the misleading figure 8. We have redrawn the Figure 8 and replaced normal tissue with non-neoplastic adjacent tissue according to your advice. See specific changes in the article. We hope that our modification will make you satisfied, thank you!

Question 4: Figure legend is, in general not acceptable; more information is needed.

Reply to question 4:

Thank you for your suggestion! We sincerely apologize for the inconvenience caused by the incomplete Figure legend. We have added relevant information in the figure legends of the article according to your suggestion. We hope the new Figure legends will satisfy you, thank you!
Question 5: The font size of table 2 is different as others.

Reply to question 5:

Thank you very much for your reminding! We have modified the Table 2 according to your advice and checked that the fonts of all the tables are consistent now. See specific changes in the article. We hope our modifications will satisfy you, thank you!