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Information about the contributions of each person named as having participated in the study

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2) Authors who participated in the **conception of the study**: Fan Zhang, Fudi Wang

3) **Design & Methods**. The following authors were responsible for specific investigations (please detail):

• Fan Zhang and Fudi Wang were responsible for all the design of investigations.

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

- Fan Zhang and Qian Wu were responsible for figure 1
- Fan Zhang, Yunlong Tao, Zhuzhen Zhang, Peng An and Yu Yu were responsible for figure 2
- Fan Zhang, Yuanyuan Shen and Zhuzhen Zhang were responsible for figure 3
- Fan Zhang, Xin Guo, Zhuzhen Zhang and Yuanyuan Shen were responsible for figure 4
- Fan Zhang, Yunlong Tao, Qian Wu and Peng An were responsible for figure 5
- Fan Zhang, Zhuzhen Zhang, Yunlong Tao and Qian Wu were responsible for figure 6
- Fan Zhang was responsible for Table S1
- Fan Zhang, Yunlong Tao and Xin Guo were responsible for figure S1
- Fan Zhang, Yuanyuan Shen were responsible for figure S2
- Fan Zhang and Xin Guo were responsible for figure S3
- Fan Zhang, Zhuzhen Zhang, Qian Wu and Peng An were responsible for figure S4

5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:

- Fan Zhang and Fudi Wang were responsible for writing the manuscript
- Yunlong Tao, Zhuzhen Zhang, Xin Guo, Yuanyuan Shen, Qian Wu, Peng An and Yu Yu were responsible for critically revising the manuscript

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