Title: SOX4 inhibits GBM cell growth and induces G0/G1 cell cycle arrest through Akt-p53 axis

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Author's response to reviews: see over
Dear Editors:

We thank the reviewers for their constructive comments, upon which we have made significant revisions. We have provided a point-by-point rebuttal below, and we also provided a tracked version for all changes made for your convenience. We hope you will find the revision sufficiently address the comments and accept it for publications.

If you have any additional questions, please feel to contact me.

Sincerely,

Biaoyang Lin

Reviewer's report (reviewer 1)

Title: SOX4 inhibits GBM cell growth and induces G0/G1 cell cycle arrest through Akt-p53 axis

Version: 4 Date: 20 August 2014 Reviewer: Xisong Ke

Reviewer's report:

Major Compulsory Revisions
The authors have fully addressed the questions.

Minor Essential Revisions
The authors examined the phosphorylation of beta-catenin but did not indicated the phosphorylation type in the main text as they showed in Figure 5C(S33/37). There are several types of phosphorylation of beta-catenin, GSK3B (S33/37/T41) and CK1 (S45) based phosphorylation negatively regulate beta-catenin, while PKA (S675) and AKT(S552) mediated phosphorylation positively regulate beta-catenin/ Wnt signaling.
Response: We used the Anti-beta Catenin (phospho S33 and S37) antibody (1:1000, ab75777, abcam), which was described in the “Immunoblotting and analysis” method section, and we have added the phosphorylation type on page 14 now to add clarity.

Level of interest: An article of importance in its field Quality of written English: Acceptable Statistical review: Yes, and I have assessed the statistics in my report. Declaration of competing interests: The reviewer declare no competing of interests in relation to the paper.
Reviewer's report (reviewer 2)
Title: SOX4 inhibits GBM cell growth and induces G0/G1 cell cycle arrest through Akt-p53 axis  Version: 4  Date: 28 August 2014  Reviewer: Keishi Makino
Reviewer's report:
The revised manuscript was improved. The clinical importance of higher expression of SOX4 was indicated in figure 1. It was interested.

Minor comments
On line 5 of page 15, Figure 4A should be corrected to figure 5A.
Response: We have corrected the word.

Level of interest: An article of importance in its field
Quality of written English: Acceptable
Statistical review: No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:
The reviewer declare no competing of interests in relation to the paper.

Reviewer's report (reviewer 3)
Title: SOX4 inhibits GBM cell growth and induces G0/G1 cell cycle arrest through Akt-p53 axis  Version: 4  Date: 6 September 2014  Reviewer: Fumiharu Ohka
Reviewer's report:
My comments have been adequately addressed.

Level of interest: An article whose findings are important to those with closely related research interests
Quality of written English: Acceptable
Statistical review: No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:
The reviewer declare no competing of interests in relation to the paper.