Reviewer's report

Title: Computational Prediction and Experimental Validation Associating FABP-1 and Pancreatic Adenocarcinoma with Diabetes

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Reviewer: Per Bendix Jeppesen

Reviewer's report:

The paper is well written and clear in its message. The data are very interesting and will give us new important knowledge about how we in the future may predict harmful cancer diseases.

However, I find the results are very descriptive even the authors mention that this is the first study to attempt FABP-1 association for pancreatic Adenocarcinoma. You may also ask if the numbers of sample (patents) is high enough to make the statement that the authors do in this paper. Overall, I admits the importance of this study, as a possible new instrument to detect this severe fatal disease.

As a pilot study, I think the paper should be accepted as a short communication, and then later, when new and more maintenance definitive data are ready.

Minor Essential revisions:
1) P 6 L4. Should be [11, 12]
2) Is there a reason why the authors don't use Type 2 Diabetes instead of Diabetes mellitus.
3) P 15 L 17. Should be [3]
4) Would be nice if you could corrects for the age difference between normal and cancer group, as we know that type 2 diabetes is offend are related to age.
5) Further explanations needed for fig 2. Please illustrate on the pictures, the main differences.

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:

I declare that I have no competing interests' below