Reviewer’s report

Title: Can MiR-503 be used as a marker in diabetic patients with ischemic stroke?

Version: 0 Date: 18 Dec 2018

Reviewer: Klaus Brusgaard

Reviewer’s report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format.

The manuscript are interesting and relevant but needs revision. The author is recommended to revise the manuscript with respect to the language as there are many errors in the word order and phrases used.

Some major points.

1. Performing power calculation you aim was 15 samples for each group. In the actual study the numbers are quite different especially the control group is rather small. Does this influence the results?

2. What is the distribution of men and woman in the different groups? You state that there is a considerable difference in the miR503 expression between sexes and it seems that the between sex difference is of the same magnitude as between the different groups. Did you perform correction for this?

3. Reference 8 have been mixed up somehow.

Are the methods appropriate and well described?  
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?  
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?  
If not, please explain in your comments to the authors.

Unable to assess
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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