Reviewer's report

Title: Birt-Hogg-Dubé Syndrome in two Chinese families with Mutations in the FLCN Gene

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Reviewer: Anthony Falluel-Morel

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Manuscript number : MGTC-D-17-00258R2

Birt-Hogg-Dubé Syndrome in two Chinese families with mutations in the FLCN gene

In this work, authors explore the genetic mutations in FLCN gene within two Chinese families subjected to Birt-Hogg-Dubé syndrome. They report an insertion mutation in the first family, that causes a frameshift mutation; and a one-base-substitution in the second family, leading to a nonsense mutation.

- The Methods section should include information on the DNA extraction method (technic employed? Kit?), as well as on the sequencing method (enrichment / capture strategies? Sequencing methods / platform?).

- What kind of statistical analysis have been performed on SnapGene?

- The "Objective" paragraph is a duplicate from the first sentence of methods section.

- I also recommend not using the term "racially" (page 5, "our study expand the spectrum of FLCN mutations racially,…"), since there is no such thing as "race" in Humans. Authors should better use the term "ethnically" or equivalent.

- Figure legends are incomplete and need at least titles, and more detailed information. For example, Fig 1: Family tree of Patient 1…
Minor:

- P3,L16: "In this study, We performed…” use lowercase for "we"

- Check spaces before/after brackets: p3,L28; p4,L15; p4,L22; p4,L23; p4,L28; p4,L30; p4,L43; p4,L48; p6L33

- Add space after "." P5,L2

- Family member II9 is cited twice on page 4, line 30.

- Use lowercase for "Which", page 5, line 19.

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

No

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.

Yes

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.

Not relevant to this manuscript

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

Acceptable
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