Reviewer’s report

Title: A novel TEX11 mutation induces azoospermia: a case report of infertile brothers and literature review

Version: 0 Date: 01 Nov 2016

Reviewer: abdelhamid barakat

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In this study, The Whole-exome sequencing was performed to study the genetic causes of male infertility, and one novel homozygote mutations in TEX11 gene (W856C) was identified in two brothers with azoospermia but not their mother. The molecular and Histological data are cogent, however, a number of points need clarifying and certain statements require further justification. There are given below:

1. The Molecular model of the mutated protein and the pathogenicity of variant need to be assessed by the bioinformatics software and also it is also preferable to have some functional experiments.
2. The genetic status of the father must be studied.
3. The localization of the reported mutation. After comparison of the electropherogram present in the Fig.1 and the GenBank accession number, NM_031276, i can say that the name of mutation (2568G→T, in exon 29, GenBank accession number, NM_031276) is wrong. It should be named (2653G→T, in exon 29, GenBank accession number, NM_031276).

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.

Yes

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

No

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

Needs some language corrections before being published

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