**Reviewer’s report**

**Title:** Spontaneous Fertility and Variable Spectrum of Reproductive Phenotype in a Family with Adult-Onset X-Linked Adrenal Insufficiency Harboring a Novel DAX-1/NR0B1 Mutation

**Version:** 0  **Date:** 24 Dec 2019

**Reviewer:** Aldo Ferreira-Hermosillo

**Reviewer's report:**

The authors present three cases of X-linked adrenal insufficiency due to a novel mutation in DAX-1. The cases are well documented, and the background and discussion section have enough information for supporting their diagnosis.

I have only three minor comments:

1) In the abstract section. The term "sibling" is commonly used to refer to brothers or sisters. In this case series, they are relatives due just two cases are siblings.

2) In order to improve the case report, I suggest adding the CT images demonstrating the adrenal hypoplasia (if available).

3) For the second case (male of 64 years) please specify how does the hypergonadotropic hypogonadism was diagnosed? Did he have some symptoms?

**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.

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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