Reviewer’s report

Title: A systematic review of genetic mutations in pulmonary arterial hypertension

Version: 1 Date: 21 Apr 2017

Reviewer: Vinicio de Jesus Perez

Reviewer's report:

The major issue with the paper is that the authors make strong recommendations regarding screening for genes other than those well established for PAH (for which the prevalence/incidence and association with familial and sporadic PAH. I would caution the authors to produce recommendations to include some of these genes on screens given that the implications of some of these recently discovered variants is unclear at this time.

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.

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.

Not relevant to this manuscript

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

Acceptable
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