Reviewer’s report

Title: Association between gene polymorphisms of voltage-dependent Ca2+ channels and hypertension in the Dai people of China: a case-control study

Version: 0 Date: 21 Jan 2020

Reviewer: Nani Maharani

Reviewer's report:

Generally, this study has been well-performed. Some questions and corrections need to be addressed:

- Regarding the inclusion criteria of subjects: Why the maximum age for subjects was not set? The older the subject, the more environmental effect will affect the blood pressure, and it become less likely to be caused by genetic factors.

- What the authors can conclude regarding the finding that the significant associations were found in both dominant and additive model?

- In the Discussion section, I think it would be better if the authors can add more explanation about the location of each polymorphisms in the gene, which domain, and what could be the consequences for each significant polymorphism.

- For Methods section, please mention the total concentration of each PCR mix (DNA, primers and dNTPs) instead of its volume.

- The amount of subjects included in the abstract shouldn't it be 1034 instead of 1221?

- Methods and Results section: "gender" should be changed into "sex"

- Please have the manuscript checked for its grammatical errors
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.

I recommend additional statistical review

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

Needs some language corrections before being published

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