Reviewer’s report

Title: Screening of noise-induced hearing loss (NIHL)-associated SNPs and the assessment of its genetic susceptibility

Version: 0 Date: 24 Jan 2019

Reviewer: Qing Chen

Reviewer’s report:

This study screened the noise-induced hearing loss (NIHL) associated SNPs, constructed genetic prediction models, and further validated with a prospective cohort. This study was well-designed with large sample in this field. The findings provide new evidence of genetic susceptibility in NIHL and have significance on the prevention and control of NIHL.

1. Please describe how to select 83 candidate SNPs in this study?

2. Why age is not matched between cases and controls?

3. In the cross-sectional study, there are 476 NIHL cases and 476 controls. In the validation study, there are 584 subjects without NIHL at baseline. Are 476 controls in cross-sectional study part of the 584 subjects in validation cohort?

Level of interest

Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English

Please indicate the quality of language in the manuscript:

Acceptable

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