Reviewer’s report

Title: Protective variant associated with alcohol dependence in a Mexican American cohort

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Reviewer: Junbai Wang

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Manuscript by Norden-Krichmar et al investigated possible association between alcohol abuse and genetic variants in Mexican American population. They studied 427 people (171 men and 256 women), collected blood samples and Affy Exome array were used in this work. Authors found one variant (rs991316) is strongly linked with alcohol dependence symptom in Mexican American population, though the same marker was already known to play a role against alcoholism in other ethnic groups. Overall, authors presented a coherent study. However, the results are not novel and the data sets used in this work are not publicaly available.

I hope authors in their revised version can make their data sets and the analysis pipeline public available, then other researchers may reproduce the results.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests