Reviewer’s report

Title: Prevalence of CCR5delta32 in Northeastern Iran

Version: 0 Date: 17 Aug 2019

Reviewer: Kyungtaek Park

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Major

1. According to Shahbazi et al (Cell Mol Neurobiol, 2009), allele frequency of CCR5-delta32 in northeast Iran was estimated as 0.09. Moreover, Solloch et al (Hum. Immunol., 2017) estimated the frequency in Iran as 0.042. These are quite different from your result.

2. How to collect samples from the Mashhad cohort study? Please specify it in Method including whether 400 samples had cardiovascular disease history.

Minor

1. The title would better be changed like "Prevalence of CCR5delta32 in Northeastern Iran" because there is no functional studies and no association studies between the allele and HIV-1 in Result.

2. Prevalence of CCR5delta32 is 0.01625 not 0.01625% as I saw. Please correct it.

3. When I calculated p-value according to the information of Table 2, the value was 0.0199871. If I correct, you should change from p-value 0.0199 (main text) or 0.019 (Table 2) to 0.0200 or 0.020.

4. How to calculate p-values of each genotype form in Table 2?

5. In Figure 2, there is no result from CCR5-delta32 homozygotes. It is better to be included to compare with others.

6. References seem to be omitted in the second paragraph from back in Discussion. Please check it.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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.

I am able to assess the statistics

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

Acceptable

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