Reviewer’s report

Title: The susceptibility of FSHB -211G>T and FSHR G-29A, 919A>G, 2039A>G polymorphisms to men infertility: an association study and meta-analysis

Version: 0 Date: 17 Apr 2017

Reviewer: Yiran Guo

Reviewer’s report:

The authors conducted a case-control study for male infertility by testing association between FSHB/FSHR single nucleotide polymorphisms (SNPs) and fertility status on 255 infertile cases and 340 controls. The authors also performed meta-analysis of previous studies, and found that haplotype GAA of FSHR SNPs rs1394205/rs6165/rs6166 is significantly associated with oligozoospermia, and G allele of rs6165/GG genotype of rs6166 are associated with increased male infertility. While this is a informative meta study of over 2000 cases for each testing SNPs, the English language requires professional editing before considering next steps. Major issues: 1) Double check grammatical errors throughout the manuscript. 2) Table 5 is very hard to read. Please only include the most important information and move others to supplementary material. Minor issues: 1) Title: why do the authors use G-211T instead of -211G>T? 2) Were sample sizes reflected in forest plots (figure 2)?

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 am able to assess the statistics

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

Not suitable for publication unless extensively edited

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