Reviewer's report

Title: Associations of Complement Factor B and Complement component 2 Genotypes with Subtypes of Polypoidal Choroidal Vasculopathy

Version: 2 Date: 10 April 2014

Reviewer: Shigeru Honda

Reviewer's report:

In this manuscript the authors have demonstrated differences in the association of certain C2-CFB SNPs between two angiographic subtypes of PCV. The study was well conducted and the results were quite interesting. I have just few comments for better understanding of this paper.

Minor essential revisions

1) Was the cohort in this study largely same as the one in the authors’ previous study or newly enrolled?
2) Page 7, line 15: Does “minor allele frequency” mean “minor allele homo frequency”?

Discretionary revisions

1) The author previously reported that CFH variants were similarly associated with polypoidal CNV and typical PCV. However, the present study demonstrated that C2-CFB variants were associated differently between these two PCV subtypes. It is very interesting that complement pathway may affect the formation of PCV subtypes in very complex manner. Do the authors have any idea to explain this?

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.