Author's response to reviews

Title: Association of IL1A and IL1B loci with primary open angle glaucoma

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Author's response to reviews: see over
Dear Dr. Edmunds,

We have uploaded the revised version of the manuscript titled “Association of IL1A and IL1B loci with primary open angle glaucoma” submitted for publication in BMC Medical Genetics (MS: 1908221902905808), as per suggestion of the final comment of the associate editor. As required, the revised regions in the text and tables are marked by blue color font.

We hope that the editors and the reviewers will find our revised manuscript suitable for publication in BMC Medical Genetics.

Sincerely

Kunal Ray

RESPONSE TO REVIEWERS’ COMMENTS:

**COMMENTS**: "I find most answers of these authors rather convincing, albeit their explanations for the low number of healthy controls is not at all. This point of the expert statistician reviewer is very well taken. And the authors had a lot of time to come up with more controls knowing themselves about this critical point."

**RESPONSE**: The reviewer’s comment is well taken. We increased the number of controls from 111 to 301 and genotyped all the additional samples. As a result, the final observation of a specific haplotype (TTC) is still retained with inclusion of matching number of controls after Bonferroni correction. However, a marginal association observed initially (with 111 controls) for CTC haplotype did not sustain after increasing the number of controls. Thus, we made necessary corrections in the revised manuscript including the Tables to describe the altered values due to increase in the number of controls. Finally, we thank the reviewers for their comments to improve our manuscript.