Author's response to reviews

Title: Triglyceride associated polymorphisms of the APOA5 gene have very different allele frequencies in Pune, India compared to Europeans

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Author’s response to reviews: see over
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Regarding: Submission of revised accepted manuscript

Dear Dr. Le,

Thank you for accepting our manuscript. I apologise for some confusion on my behalf for the resubmission of the revised manuscript and the following amendements have been made as requested:

1) The abstract now has an additional section for the methods, which was previously missing from the previous submission of the revised manuscript. The modified sections of the abstract now read as follows:

**Background**

The *APOA5* gene variants, -1131T>C and S19W, are associated with altered triglyceride concentrations in studies of subjects of Caucasian and East Asian descent. There are few studies of these variants in South Asians. We investigated whether the two *APOA5* variants also show similar association with various lipid parameters in Indian population as in the UK white subjects.

**Methods**

We genotyped 557 Indian adults from Pune, India, and 237 UK white adults for -1131T>C and S19W variants in the *APOA5* gene, compared their allelic and genotype frequency and determined their association with fasting serum triglycerides, total cholesterol, HDL and LDL cholesterol levels using univariate general linear analysis. *APOC3 SstI* polymorphism was also analyzed in 175 Pune Indian subjects for analysis of linkage disequilibrium with the *APOA5* variants.

2) The tables for the manuscript that had been previously attached as figures are now in portrait format and are now added to the end of the manuscript to conform to the journal style.

3) All references now adhere to the journal style and any references that contained *et al* have been amended and all authors are now included.

I have double-checked that the manuscript now adheres to the journal style and I hope that this, along with the changes to the abstract, covers everything that you require. If however, I have still missed something, please do not hesitate to contact me and I will correct any errors as soon as possible.

Yours sincerely