Reviewer's report

Title: Chromosome 7p linkage and association study for diabetes related traits and type 2 diabetes in an African-American population enriched for nephropathy

Version: 1 Date: 13 October 2009

Reviewer: Katerina kankova

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Major Compulsory Revisions:
1. I think the level of significance in GWAS or multilocus studies is critical since many false associations are likely to be identified. Although authors did perform correction for multiple tests - which eliminated any significance at all - they conduct most of the MS without to get to this conclusion only at the end. The criteria for significance should be clearly stated beforehand and all text revised accordingly.

Minor Essential Revisions:
1. Result section should be make more clear - many analyses were performed and reader might have difficulties to follow the results.
2. I am confused by the numbers of SNPs analysed - 68+70? There are some 11 SNPs mentioned in the Abstract?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
I declare that I have no competing interests