Reviewer’s report

Title: Genetic variation of Glucose Transporter-1 (GLUT1) and albuminuria in 10,278 European Americans and African Americans: a case-control study in the Atherosclerosis Risk in Communities (ARIC) Study

Version: 2 Date: 23 June 2010

Reviewer: Samy Hadjadj

Reviewer’s report:

The paper by C. Hsu et al was greatly improved.

However, I feel a little bit concerned. The main positive result relates to type 2 diabetes in European / American subjects.

However, this relationship between GLUT-1 Enh 2 polymorphism and albuminuria was not replicated in the stage2.

In general, the authors are quite permissive with the use of the statistical signification.

The authors should thus clarify if this is a positive result with a lack of replication or negative result with a huge study population. This must be clearly stated in the text.

Level of interest: An article whose findings are important to those with closely related research interests

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