Reviewer's report

Title: Plasminogen Activator Inhibitor-1 4G/5G Polymorphism and Retinopathy Risk In Type 2 Diabetes: A Meta-analysis

Version: 2 Date: 5 September 2012

Reviewer: Daniel Petrovic

Reviewer's report:

The MS Plasminogen Activator Inhibitor-1 4G/5G Polymorphism and Retinopathy Risk In Type 2 Diabetes: A Meta-analysis is very well-written manuscript with good design. The aim of the present study was to perform a meta-analysis of 9 published case-control studies covering 1217 cases and 1459 controls. In the present meta-analysis they have showed the evidence that 4G/5G polymorphism in PAI-1 gene potentially increased the risk of DR in T2D and had a discrepancy in different ethnicity. A higher susceptibility in patients with longer diabetes duration (more than 10 years) indicated a gene-environment interaction of DR’s risk.

The answers to all my comments were good and the authors made appropriate revision.

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.