Reviewer's report

Title: Genome-wide DNA Methylation Analysis for Diabetic Nephropathy in Type 1 Diabetes Mellitus

Version: 1 Date: 13 March 2010

Reviewer: Shuying Sun

Reviewer's report:

Minor essential revisions

1. It is better that the authors make a table (or a figure) to show the summary of the number of CG sites for those 14475 genes. That is, it is better to show how many CG sites associated to each of those 14475 genes.

2. On page 6, there is a typo in the first sentence of the last paragraph, that is, “Bisulphite conversion of 1ug genomic … using the using the EZ-96 ….”.

Discretionary Revisions

1. On page 8, it says that the quantile normalization has been used to remove between-array variations. Have the authors or other groups studied whether it is necessary to do within-array normalization?

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.