Reviewer’s report

Title: Paternal obesity is associated with IGF2 hypomethylation in newborns: results from a Newborn Epigenetics Study (NEST) cohort.

Version: 4 Date: 26 August 2012

Reviewer: Gudrun Moore

Reviewer's report:

Major Compulsory Revisions

I am very happy with all the authors comments and answers to my queries apart from one.

I requested that the authors analyse their data based on the two ethnic groups. Their answer

' We stratified our data by race/ethnicity and found the same trend in results at both DMRs for African Americans and Caucasians. However stratification decreased statistical power resulting in unstable estimates.'

In other words I guess the significance was no longer present. I feel that the data must be stratified by race/ethnicity before it is publishable.

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 I have no competing interests