Reviewer's report

Title: NPC1 in Human White Adipose Tissue and Obesity

Version: 1 Date: 20 December 2012

Reviewer: Kikuko Hotta

Reviewer's report:

The authors investigated the expression of NPC1 using the human adipose tissue. Function analysis of a candidate gene determined by GWAS is important for the study of obesity. My concerns are as follows.

1. The detail method of adipocyte differentiation should be described. And the data of day 0 or before differentiation data should be indicated in figure 2 C.

2. In Figure 2D, the explanation of 3 panels and "loading" are necessary.

3. In the Result section, 3rd paragraph, Pearson’s coefficient should be indicated. The figures for correlation analysis may be useful for readers.

Level of interest: An article of importance in its field

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.