Reviewer's report

Title: Role of Receptor-Interacting Protein 140 in Human Fat Cells

Version: 3 Date: 18 December 2009

Reviewer: Stuart Wood

Reviewer's report:

The authors have answered the issues raised, satisfactorily.

However, I would like to make a point regarding Fig3.

Taken together, there is sufficient information to support the expression of RIP140 protein in human adipose tissue. I know all too well the technical issues in obtaining suitable western blots and appreciate the effort made by the authors in revising Fig3. However, it has become more apparent, in the revised version, that the negative control (preadipocytes) lane has become obscured (there is absence of any protein binding on the membrane in this area – except at the lane edge which looks darker than background staining) exactly in the expected position for the RIP140 signal. Could the authors confirm whether other blots were performed with the preadipocytes to indicate absence of any RIP140 signal and hence that the signal obtained in WAT is indeed specific for RIP140?