Reviewer's report

Title: Use of Next Generation Sequencing Technologies in Research and Beyond: are participants with mental health disorders fully protected?

Version: 4 Date: 10 July 2012

Reviewer: Annelien L. Bredenoord

Reviewer's report:

The manuscript has improved considerably. It now has a clearer focus on mental health disorders, although I still think that the authors aim to address very much issues/topics in just one paper. Anyway, some small comments are remaining:

- The "results" and "conclusion" sections in the abstract are almost similar. Please change one of the paragraphs.

- Key words: I would not prefer to use very broad concepts such as 'clinical ethical challenges' and 'autonomy' as key words here

- The manuscript is quite lengthy and elaborate. Some sections show overlap, e.g. the paragraph on feedback with the one on consent. If necessary I see plenty possibilities for making the manuscript shorter.

- p. 19 what is 'biohype'?

- some references are missing in the list (as of ref 39)

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.