Reviewer’s report

Title: Do patients and research subjects have a right to receive their genomic raw data? An ethical and legal analysis

Version: 1 Date: 13 Sep 2019

Reviewer: Reviewer 3

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses one or several testable research questions? (Brief or other article types: is there a clear objective?)
Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?
Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with sufficient technical rigor to allow confidence in the results?
N/A - no experiments or analyses

STATISTICS - Is the use of statistics in the manuscript appropriate?
N/A - there are no statistics in this study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?
Yes - the author's interpretation is reasonable

OVERALL MANUSCRIPT POTENTIAL - Has the author addressed your concerns sufficiently for you to now recommend the work as a technically sound contribution? If not, can further revisions be made to make the work technically sound?
Yes - current version is technically sound

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: The manuscript deals with an issue that is contemporary and relevant to concerns about genetic data in research studies. The authors have done a good job dealing with the questions of the initial reviewers. It would be unfair to reject the paper because of my rejection of liberalism, so my verdict is that the paper should be published. However, I would like the authors to think about the following issues (dealing with them in the text of the article would be prohibitively lengthy). First, Richard Zaner and Alasdair MacIntyre have argued against the idea of autonomy based on the Aristotelian view that human beings are naturally social animals involved in a network of relations with one another. Such relations are not separate from an individual's identity, but help to create the identity of the person living in history. Second, if genetic data can be used to determine paternity, this raises obvious issues for other parties involved. Third, liberalism and autonomy are
primarily Western values. Asian societies downplay autonomy and tend to value the group (especially the family, as in Japan) over the individual. With Europe becoming increasingly diverse, individuals who reject the Western idea of autonomy may cause tension in a society that imposes such values upon them. They may consider doing such as cultural imperialism.

REQUESTED REVISIONS:
none

ADDITIONAL REQUESTS/SUGGESTIONS:
I hope they consider what I wrote in my evaluation paragraph, though I do not think it essential that they respond to my points in their paper.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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