Reviewer's report

Title: Security Controls in an Integrated Biobank to Protect Privacy in Data Sharing: Rationale and Study Design

Version: 0 Date: 10 Oct 2016

Reviewer: Kenrick Cato

Reviewer's report:

This is a well written and informative description of the TMM architecture and related data sharing policy. I recommend this manuscript for publication.

I have a few comments as follows:

1. I would have liked to have read a fuller description of the consent process for new studies that are not covered by the "broad consent". Do those exist, what are they, how do they work?

2. The discussion section lacks depth and could do more to discuss how TMM fits into the ethical and structural issues related to data sharing of health and omic data.

3. Page 14 line 34 authors wrote "though" when I think they meant to write "through".

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.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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