Author’s response to reviews

Title: Return of Genetic and Genomic Research Findings: Experience of a Pediatric Biorepository

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Author’s response to reviews:
Dear Dr Taguchi,

We appreciate your review and comments on the submission of “Return of Genetic and Genomic Research Findings: Experience of a Pediatric Biorepository” and are delighted that the journal provisionally accepted this manuscript. We have provided detailed responses below to all of the editor’s comments as suggested.

Editor Comments:

1. Availability of data and materials: Please provide the accession numbers required to access the datasets generated and/or analyzed during your study in the Availability of data and materials section of your manuscript. Please ensure that all data is already released, all accession numbers are in their final form, and that all accessions allow access to public data.
   
   a. Since this study involved either targeted testing for a single gene or evaluation of a single pathogenic variant for the purpose of clinical confirmation and return from next-generation sequencing data, we have instead incorporated additional variant details for all of the pathogenic or likely pathogenic variants that were identified for return. This additional information will permit a reader to independently verify their pathogenicity based on ACMG criteria. We have provided this information in Supplementary Table 2 and have modified the data deposition statement to clarify this on page 17.

2. Consent to participate: Please replace the following statement in the “Ethics approval and consent to participate” section of your manuscript “All participants provided written informed consent.” with the statement “All participants, parents or legal guardians provided written informed consent to participate.”
   
   a. The following statement has been added to the “Ethics approval and consent to participate” section as requested on page 17, lines 362-363, “All participants, parents or legal guardians provided written informed consent to participate.”

3. Title page: Please remove the statement “Phone: 416-813-7418 FAX: 416-813-5857” from the title page in your manuscript.
   
   a. This information has been removed from page 2, line 41.

4. Abbreviations: Please ensure that all abbreviations have been included in the ‘Abbreviations’ section.
a. We have removed an abbreviation from the body of the manuscript that was only mentioned once in the paper (TCPS2), from page 5, line 93.

b. We have added quantitative polymerase chain reaction (qPCR) on page 9, line 192 and added it to the list of abbreviations on page 17.

5. Role of funding bodies: Please note the role of the funding bodies in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript and include this statement in the Funding section of the Declarations section of your manuscript.

   a. In addition to the declarations section we have added information regarding funders in the methods section on page 7, lines 137-142.

6. Authors’ contributions: Please amend the initials for John F. Smythe from “LFS” to “JFS” in the Authors’ contributions section of your manuscript.

   a. This change has been made as indicated on page 18.

Other changes:

1. Given the changes made with this iteration, we have added another co-author, Roderick Yao, who provided additional detailed annotation of the pathogenic and likely pathogenic variants in this version of the manuscript. His name has been added to the author list on page 1 and in the author’s contributions on page 18.