Reviewer’s report

Title: The clinical benefit of array-based comparative genomic hybridization for detection of copy number variants in Czech children with intellectual disability and developmental delay

Version: 0 Date: 05 Jan 2019

Reviewer: Carla Rosenberg

Reviewer's report:

This is a solid piece of work based on studying the chromosome associated causes of intellectual disability in children from the Czech Republic. It contains no unexpected conclusions and agrees in almost all aspects with the results derived from similar and often much larger studies published earlier from other countries. However, the work demonstrates that care and diligence can and should be rewarded and sends important messages to other Eastern European and developing countries on what is required to establish well organized good genetic health care facilities based on molecular analysis. Another aspect that the author's might consider introducing, is information on the financial investment required, both in terms of equipment and personal.

In summary, I recommend accepting this submission for publication primarily because of the message it sends to groups in many countries that are still struggling to get themselves established in modern cytogenetic diagnosis. Some specific analytical aspects that the authors might consider further have been mentioned in the text under reviewer's comments, as well as some English suggestions.

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:

Needs some language corrections before being published

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