Reviewer’s report

Title: A novel mutation in the BCHE gene and phenotype identified in a child with low butyrylcholinesterase activity: a case report

Version: 0 Date: 29 Dec 2017

Reviewer: Theodora Katsila

Reviewer's report:
The authors report a case study and claim they identified a novel mutation in the BCHE gene. Even though the manuscript is well written, such claims need to be better supported. The authors need to show in detail their strategy and accompanying data that support the novelty of this mutation. Furthermore, although they discuss that low butyrylcholinesterase activity is a multifactorial trait, the role of genetics need to be further discussed. Notably, please provide the raw data that led to the discovery of this mutation (Figure 1 does not suffice)

Please rephrase: data denoted with * in Table 2 are not statistical data, but population data

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.
No
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

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