Reviewer’s report

Title: Stable clinical course in three siblings with late-onset isolated sulfite oxidase deficiency: a case series and literature review.

Version: 1 Date: 30 Oct 2019

Reviewer: Parayil Sankaran Bindu

Reviewer's report:

Authors have incorporated most of the suggestions. I am happy that they sought expert advice and corrected the MRI findings.

Additional suggestions include

1. Background: Instead of the term “psychomotor restriction” use psychomotor delay. I would prefer the terms classic early onset forms and late onset mild forms in keeping with the literature.

2. The section on differential diagnosis of neuroimaging findings (methyl globus pallidus hyperintensity with or without substantia nigra involvement) needs rewriting. Similar findings are seen in organic acidurias (methyl malonic acidemia, isovaleric acidemia), kernicterus, pyruvate dehydrogenase deficiency, carbon monoxide poisoning, succinic semialdehyde dehydrogenase deficiency etc.

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.

Unable to assess

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

Yes

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Quality of written English
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Needs some language corrections before being published

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