Reviewer’s report

Title: Rare cause of Hemophagocytic Lymphohistiocytosis due to mutation in PRF1 and SH2D1A genes in two children – a case report with a review

Version: 0 Date: 05 Jan 2019

Reviewer: Masataka Ishimura

Reviewer's report:

This manuscript describe novel PRF1 and XIAP HLH causable gene mutations. Unfortunately, only gene mutations were analyzed by NGS. As the authors mentioned, functional analysis like NK cell activity as well as PRF1/XIAP protein expression analysis by Western blot or flow cytometry are needed.

There are a lot of papers about PRF1 and XIAP gene mutations, therefore not so much valuable information would be included in the draft.

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:

Acceptable
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