Reviewer’s report

Title: New Genetic Variant in the SERPINC1 gene: Hereditary Antithrombin Deficiency Case Report, Familial Thrombosis, and Considerations on Genetic Counseling.

Version: 2 Date: 05 Mar 2020

Reviewer: Stavroulla Xenofontos

Reviewer's report:

Manuscript number: MGTC-D-19-00607R2

The authors have successfully addressed the majority of the required corrections. A few of the requested corrections have been missed out whilst a few additional minor corrections, some related to the corrections requested must be addressed.

The authors are kindly requested to proceed with the following corrections:

1) Lines 202 & 327 - "Glycosilation" should be corrected as follows: "Glycosylation".

2) Line 61 - correct as follows: "…lead to AT type I deficiency.

3) Line 62 - correct as follows: "AT type II deficiency".

4) Line 85 - change: "was performed of Applied" to "was performed on Applied"

5) Line 98 - delete the word "out".

6) Line 102 - add "the" before "proband".

7) Line 179 -180 - add the letter "A" before 'Genetic variant…".

8) Line 209 - add the word "tests" after "diagnostic".

9) Line 218-219 - "Data that supports the findings (e.g. sequence chromatograms) are available from the corresponding author upon request" should be deleted since the data are now in the manuscript.

Line 267 - delete ";" after the number "8."

10) Fig B - illustrates 2 chromatograms/electropherograms which are the same. The authors should indicate in the legend if the second is the inverse complement of a reverse
primer sequencing reaction for clarity as in the legend they refer to the bidirectional sequencing.

11) Fig B - the resolution of the picture should be improved to allow reading of the sequence above the electropherograms/chromatograms

12) Legend of Figure 1 should explain the meaning of the notation: "N/N"

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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