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Information about the contributions of each person named as having participated in the study

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2) Authors who participated in the conception of the study: Francisco Vidal and Irene Corrales

3) Design & Methods. The following authors were responsible for specific investigations:
• Júlia Ayats, Carme Altisent and Rafael Parra were responsible for the diagnosis of all the patients included in the study and the recruitment of the clinical data.
• Irene Corrales was responsible for the development of the laboratory analysis
• Susana Catarino and David Arteta were responsible for the NGS platform protocols

4) Results. The following authors were responsible for specific portions of the results, including figures and tables:
• Susana Catarino and David Arteta were responsible for the specific data analysis and for the figure of the paper.
• Francisco Vidal and Irene Corrales were responsible for the analysis and interpretation of the results and were also responsible for the tables of the paper.

5) Writing the manuscript. The following authors were responsible for writing the manuscript:
• Francisco Vidal and Irene Corrales were responsible for writing the manuscript
• All the authors were responsible for critical review and approval of the final manuscript

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