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**Authors: Irene Corrales, Susana Catarino, Julia Ayats, David Arteta, Carmen Altisent, Rafael Parra, and Francisco Vidal**

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

**Guarantor(s)**, i.e., person(s) who is (are) responsible for the integrity of the work as a whole:

- Francisco Vidal, Unitat de Diagnòstic i Teràpia Molecular, Banc de Sang i Teixits, Barcelona, Spain, [fvidal@bst.cat](mailto:fvidal@bst.cat)
- Irene Corrales, Unitat de Diagnòstic i Teràpia Molecular, Banc de Sang i Teixits, Barcelona, Spain, [icorrales@bst.cat](mailto:icorrales@bst.cat)

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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

6) **Contributors Listed in Acknowledgments**:

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