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

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

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2) Authors who participated in the **conception of the study**: Wolfram Klapper was the principal investigator and takes primary responsibility for the paper.

3) **Design & Methods**. The following authors were responsible for specific investigations:

- Ilske Oschlies, Andreas Rosenwald, Emanuele S. G. d'Amore, Martin L. Hansmann, Harald Stein, Peter Möller, Elaine S. Jaffe, Monika Szczepanowski, Karoline Koch, Wolfram Klapper.were responsible for the pathological review.

- Birgit Burkhardt, Angelo Rosolen and Alfred Reiter were responsible for collection of clinical data.

- Martin Zimmermann was responsible for statistical analysis.

- Itziar Sallaverria and Reiner Siebert were responsible for genetic analysis.

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables :

- Ilske Oschlies, Andreas Rosenwald, Emanuele S. G. d'Amore, Martin L. Hansmann, Harald Stein, Peter Möller, Elaine S. Jaffe, Monika Szczepanowski, Karoline Koch, Wolfram Klapper.were responsible for the pathological review.

- Birgit Burkhardt, Angelo Rosolen and Alfred Reiter were responsible for collection of clinical data.

- Martin Zimmermann was responsible for statistical analysis.

- Itziar Sallaverria and Reiner Siebert were responsible for genetic analysis.

5) Writing the manuscript. The following authors were responsible for writing the manuscript:

- Wolfram Klapper wrote the manuscript. All of the following authors contributed to the writing and approved the manuscript: Ilske Oshlies, Andreas Rosenwald, Emanuele S. G. d'Amore, Martin L. Hansmann, Harald Stein, Peter Möller, Elaine S. Jaffe, Monika Szczepanowski, Karoline Koch, Birgit Burkhardt, Angelo Rosolen, Alfred Reiter, Martin Zimmermann, Itziar Sallaverria and Reiner Siebert.

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