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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**: Ming-Qing Du

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

- Qingguo Yan performed A20, MYD88, CARD11, CD79A/B and ABIN1 mutation screening and data analyses;
- Yuanxue Huang, A James Watkins and Sylvia Kocialkowski assisted in mutation screening and data analyses.
- Naiyan Zeng and Rifat A. Hamoudi assisted in mutation screening and statistical analyses.
- Peter G. Isaacson, Laurence de Leval, and Andrew Wotherspoon provided cases and clinicopathological data.
- Ming-Qing Du, supervised the study and wrote the manuscript.

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

- Qingguo Yan performed A20, MYD88, CARD11, CD79A/B and ABIN1 mutation screening and data analyses (Figures 1 & 2, Suppl-Figure 1, Suppl-Tables 1 and 2);
- Yuanxue Huang, A James Watkins and Sylvia Kocialkowski assisted in mutation screening and data analyses.
- Naiyan Zeng and Rifat A. Hamoudi assisted in mutation screening and statistical analyses (Table S3).
- Ming-Qing Du was responsible for Supplementary Figure 2

5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:  
• Ming-Qing Du wrote the manuscript and the manuscript was reviewed, and approved by all the authors of the manuscript.

6) **Contributors Listed in Acknowledgments:**  
No contributors listed in the acknowledgement.