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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: Elisa Rumi, Francesco Passamonti

3) Design & Methods. The following authors were responsible for specific investigations:
• Elisa Rumi, Francesco Passamonti, Chiara Elena, Luca Arcaini, Cesare Astori and Mario Lazzarino were responsible for acquisition of clinical data, analysis and interpretation of data

- Daniela Pietra was responsible for JAK2 analysis and SNP genotyping
- Silvia Zibellini was responsible for analysis of immunoglobulin gene usage and mutation
- Emanuela Boveri was responsible for bone marrow evaluations
- Cristiana Pascutto was responsible for statistical analysis

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

- Elisa Rumi, Francesco Passamonti, Chiara Elena, Luca Arcaini, Cesare Astori and Mario Lazzarino were responsible for clinical data and table 1
- Elisa Rumi, Daniela Pietra and Cristiana Pascutto were responsible for analysis of JAK2 GGCC haplotype and table 2
- Elisa Rumi, Francesco Passamonti and Cristiana Pascutto were responsible for the analysis of risk of lymphoid neoplasms in patients with myeloproliferative neoplasm and Figure 1

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

- Elisa Rumi and Francesco Passamonti wrote the paper
- Daniela Pietra wrote the method regarding JAK2 analysis and SNP genotyping
- Silvia Zibellini wrote the method regarding the immunoglobulin gene usage
- Cristiana Pascutto wrote statistical methods
- Elisa Rumi, Francesco Passamonti, Chiara Elena, Daniela Pietra, Luca Arcaini, Cesare Astori, Silvia Zibellini, Emanuela Boveri, Cristiana Pascutto, Mario Lazzarino revised the final version and gave their final approval

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