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

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The guarantors of this manuscript confirm that all persons designated as authors qualify for authorship, and that each author has participated sufficiently in the work to take public responsibility for appropriate portions of the content.

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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
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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
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