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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**: Brady Stein, Donna Williams, Christine O'Keefe, Amit Verma, Jarek Maciejewski, Jerry Spivak, Michael McDevitt, and Alison Moliterno

3) **Design & Methods**. The following authors were responsible for specific investigations :
• Brady Stein, Jerry Spivak, Michael McDevitt and Alison Moliterno were responsible for designing the clinical database, analyzing mutation frequencies and performing the statistical analyses.
• Donna Williams, Ophelia Rogers, Christine O'Keefe, Roxann Ingersoll and Alison Moliterno were responsible for experimental design of genomic analyses including SNP-array karyoptying, JAK2V617F genotyping, direct sequencing and pyrosequencing

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables:
• Brady Stein and Alison Moliterno were responsible for Tables 1, 4 and 5
• Alison Moliterno and Donna Williams were responsible for Tables 2 and 3 and all the Figures
• Alison Moliterno, Ophelia Rogers, Donna Williams, Christine O'keefe and Roxann Ingersoll were responsible for interpretation of SNP-array karyotyping, genomic sequence variation and pyrosequencing results

5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:
• Brady Stein, Donna Williams, Michael McDevitt and Alison Moliterno drafted and edited the manuscript
• Christine O'keefe, Jerry Spivak, Amit Verma, and Jarek Maciejewski edited the manuscript

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