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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**: Mario Cazzola

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

- Daniela Pietra and Sabrina Boggi were responsible for HRM studies
- Angela Brisci was responsible for sequencing studies
- Elisa Rumi, Chiara Elena and Francesco Passamonti were responsible for clinical information
- Roberta Bordoni was responsible for deep sequencing analysis

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

- Daniela Pietra and Sabrina Boggi were responsible for HRM results
- Maurizio Ferrari and Laura Cremonesi were responsible for sequencing data analysis
- Alessandro Pietrelli and Gianluca De Bellis were responsible for deep sequencing data analysis
- Daniela Pietra, Angela Brisci and Alessandro Pietrelli were responsible for Figure 1
- Daniela Pietra was responsible for Table 1 and Table 2

5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:
• Mario Cazzola was responsible for writing the manuscript

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