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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: Philipp A. Greif, Stefan K. Bohlander, Tobias Herold, Klaus Metzeler, Karsten Spiekermann

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

- Nikola Konstandin and Philipp Greif were responsible for mutation screening and analysis
- Klaus Metzeler, Zlatana Pasalic and Tobias Herold were responsible for gene expression analysis
- Tobias Herold was responsible for analysis of the clinical data
- Bianka Ksienzyk, Annika Dufour, Friederike Schneider, Stephanie Schneider, Purvi M. Kakadia, Jan Braess, Stefan Bohlander and Karsten Spiekermann characterized patient samples
- Maria Cristina Sauerland, Wolfgang E. Berdel, Thomas Büchner, Bernhard J. Woermann and Wolfgang Hiddemann organized the clinical trial.

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):

- Nikola Konstandin and Philipp Greif were responsible for Table 1 and Figure 1 A
- Nikola Konstandin and Tobias Herold were responsible for Figure 1 B
- Tobias Herold was responsible for Figure 2, Table 2 and Table 3
- Klaus Metzeler was responsible for Figure 3
- Nikola Konstandin was responsible for Table S1
- Klaus Metzeler was responsible for Table S2, Table S3 and Figure S1

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

- Philipp Greif and Stefan Bohlander were responsible for the Introduction
- Philipp Greif, Nikola Konstandin, Tobias Herold, Klaus Metzeler and Stefan Bohlander were responsible for the Results
- Philipp Greif, Tobias Herold, Klaus Metzeler and Stefan Bohlander were responsible for the Discussion

6) **Contributors Listed in Acknowledgments:** not applicable