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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: Alberto Orfao, Jesus F San Miguel, Roberto Pessoa-Magalhães, Bruno Paiva

3) Design & Methods. The following authors were responsible for specific investigations
- Roberto J. Pessoa Magalhaes, Maria-Belén Vidriales, Bruno Paiva, Alberto Orfao and Jesus F. San Miguel were responsible for the design of the study and immunophenotypic panels
- Roberto J. Pessoa-Magalhaes and Bruno Paiva were responsible for performing immunophenotypic studies
- Roberto J. Pessoa-Magalhaes and Bruno Paiva, Quentin Lecrevisse, Carlos Fernandez Jimenez and Martin Perez Andres were responsible for analyzing the flow data
- Ramón García-Sanz, María-Victoria Mateos, Norma Gutierrez, Juan F. Blanco, Jose Hernandez, de Las Heras N, Martinez J, Roig M, da Costa ES, Ocio E, Maiolino A, Nucci M, Delarubia J, Juan-Jose Lahuerta were responsible for patient identification and collection of samples

4) Results. The following authors were responsible for specific portions of the results, including figures and tables:
- Aberto Orfao, Jesus San Miguel, Roberto Pessoa-Magalhaes and Bruno Paiva were responsible for full results analysis. Roberto Pessoa-Magalhaes was responsible for all figures and tables

5) Writing the manuscript. The following authors were responsible for writing the manuscript:
- Aberto Orfao, Jesus San Miguel, Roberto Pessoa-Magalhaes and Bruno Paiva were responsible for writing the manuscript

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