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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**: Alessandra Balduini, Marco Cattaneo

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

- Christian Andrea Di Buduo, Alessandro Malara and Isabella Pallotta were responsible for differentiation of megakaryocytes and morphological analysis and for proplatelet formation studies at different conditions;
- Christian Andrea Di Buduo was responsible for assesment of cell viability, preparation of cell lysates and western immunoblotting;
- Paola Rebuzzini was responsible for retrotranscription and quantitative real-time polymerase chain reaction;
- Manuela Currao was responsible for flow cytometry analysis of megakaryocytes differentiation and ploidy;
- Anna Lecchi was responsible for measurement of adenine nucleotides in the supernatants of megakaryocyte culture;
- Joseph A. Jakubowski was responsible for whole blood platelet counts in thienopyridine treated patients.

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):

- Christian Andrea Di Buduo, Alessandro Malara, Isabella Pallotta and Anna Lecchi were responsible for FIGURE 1;
- Paola Rebuzzini and Christian Andrea Di Buduo were responsible for FIGURE 2 and TABLE 1;
- Christian Andrea Di Buduo was responsible for FIGURE 3, FIGURE 5 and FIGURE 6;
- Christian Andrea Di Buduo and Manuela Currao were responsible for FIGURE 4;
- Joseph A. Jakubowski was responsible TABLE 2;

- Marco Cattaneo was responsible for TABLE 3.

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

- Alessandra Balduini and Marco Cattaneo were responsible for writing the manuscript.

6) **Contributors Listed in Acknowledgments:**

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