The PAX5 gene is frequently rearranged in BCR-ABL1-positive acute lymphoblastic leukemia but is not associated with outcome. A report on behalf of the GIMEMA Acute Leukemia Working Party

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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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The guarantors of this manuscript confirm that all persons designated as authors qualify for authorship, and that each author has participated sufficiently in the work to take public responsibility for appropriate portions of the content.
2) Authors who participated in the **conception of the study**: Giovanni Martinelli and Ilaria Iacobucci.

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

- Ilaria Iacobucci and Annalisa Lonetti were responsible for molecular analysis by SNP array and for quantitative PCR (gene expression analysis).
- Anna Ferrari and Viviana Guadagnuolo were responsible for point mutations analysis.
- Clelia Tiziana Storlazzi was responsible for molecular cytogenetic analyses by FISH.
- Francesca Paoloni and Marco Vignetti were responsible for statistical analysis.
- Stefania Paolini, Giovanna Meloni, Cristina Papayannidis, Simona Soverini, Monica Messina were responsible for data collection.
- Michele Baccarani and Robin Foà were responsible for clinical trials and for the approval of the study.
- Daniela Cilloni, Francesca Messa, Antonella Vitale and Loredana Elia were responsible for sample collection.

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

- Ilaria Iacobucci and Annalisa Lonetti, were responsible for SNP array analysis and quantitative PCR analysis (Figure 1 and Table 2).
- Anna Ferrari and Viviana Guadagnuolo were responsible for point mutation screening analysis.
- Clelia Tiziana Storlazzi was responsible for FISH analysis and Figure 2.
- Francesca Paoloni and Marco Vignetti were responsible for “PAX5 deletions and their clinical significance”, table 1, table 3 and figure 3.
5) Writing the manuscript. The following authors were responsible for writing the manuscript:

- Ilaria Iacobucci contributed in the writing the entire manuscript except for: "Fluorescence in situ hybridization and probes" (Method section), "Statistical analysis" (Method section).
- Clelia Tiziana Storlazzi wrote the "Fluorescence in situ hybridization and probes" (Method section) and the FISH analysis results.
- Francesca Paoloni wrote the "Statistical analysis" (Method section) and contributed in the writing "PAX5 deletions and their clinical significance".
- Giovanni Martinelli contributed in the writing the whole manuscript.
- Robin Foà corrected and revised the whole manuscript text.

6) Contributors Listed in Acknowledgments:

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