Title
South-Italy β°-Thalassaemia: a novel deletion not removing the γ-globin silencing element and with 3’ breakpoint in a hsRTVL-H element, associated with β°-thalassemia and high levels of Hb F

First author
Maria De Angioletti

According to the International Committee of Medical Journal Editors (ICMJE) (http://www.icmje.org/ethical_1author.html):
“Authorship credit should be based on: 1) substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2 and 3. Acquisition of funding, collection of data, or general supervision of the research group alone does not constitute authorship”.

The responsible author(s) of this manuscript confirm(s) 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.

Specific contributions of each author are listed on page 2 of this document.

Responsible author(s):

author(s) responsible for the integrity of the work as a whole

Name: Giuseppina Lacerra
Institute: Istituto di Genetica e Biofisica “Adriano Buzzati-Traverso”, Consiglio Nazionale delle Ricerche, Napoli, Italy
e-mail: giuseppina.lacerra@igb.cnr.it
Author contributions (maximum 1 page):

Please describe the contributions of each author, indicating who was responsible for each part of the study and the preparation of the manuscript (collection of data, experiments, data analysis, generation of figures, collection of images, interpretation of data, preparation of the text, etc.)

LG, MDA and CC designed the research study, discussed and interpreted the results. LG and MDA performed the molecular characterization of deletion. SV selected the patients and performed the clinical study. GM helped in the experimental work. RP helped in the experimental work and generation of figures. The paper was written by LG and MDA. All the authors revised the paper and contributed to the preparation of the final version.