



Corrigendum: Targeted NGS Platforms for Genetic Screening and Gene Discovery in Primary Immunodeficiencies

OPEN ACCESS

Approved by:

Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*Correspondence:

Alessandro Aiuti
aiuti.alessandro@hsr.it
Caterina Cancrini
cancrini@med.uniroma2.it

[†]These authors have contributed
equally to this work

[‡]These authors shared last authorship

Specialty section:

This article was submitted to
Primary Immunodeficiencies,
a section of the journal
Frontiers in Immunology

Received: 08 May 2019

Accepted: 09 May 2019

Published: 31 May 2019

Citation:

Cifaldi C, Brigida I, Barzaghi F, Zoccolillo M, Ferradini V, Petricone D, Cicalese MP, Lazarevic D, Cittaro D, Omrani M, Attardi E, Conti F, Scarselli A, Chiriaci M, Di Cesare S, Licciardi F, Davide M, Ferrua F, Canessa C, Pignata C, Giliani S, Ferrari S, Fousteri G, Barera G, Merli P, Palma P, Cesaro S, Gattorno M, Trizzino A, Moschese V, Chini L, Villa A, Azzari C, Finocchi A, Locatelli F, Rossi P, Sangiuolo F, Aiuti A, Cancrini C and Di Matteo G (2019) Corrigendum: Targeted NGS Platforms for Genetic Screening and Gene Discovery in Primary Immunodeficiencies. *Front. Immunol.* 10:1184. doi: 10.3389/fimmu.2019.01184

Cristina Cifaldi^{1†}, Immacolata Brigida^{2†}, Federica Barzaghi^{2,3,4‡}, Matteo Zoccolillo^{2,4}, Valentina Ferradini⁵, Davide Petricone⁴, Maria Pia Cicalese^{2,3,6}, Dejan Lazarevic⁷, Davide Cittaro⁷, Maryam Omrani², Enrico Attardi¹, Francesca Conti¹, Alessia Scarselli¹, Maria Chiriaci¹, Silvia Di Cesare¹, Francesco Licciardi⁸, Montin Davide⁸, Francesca Ferrua^{2,3,6}, Clementina Canessa^{9,10}, Claudio Pignata¹¹, Silvia Giliani¹², Simona Ferrari¹³, Georgia Fousteri¹⁴, Graziano Barera¹⁵, Pietro Merli¹⁶, Paolo Palma¹, Simone Cesaro¹⁷, Marco Gattorno¹⁸, Antonio Trizzino¹⁹, Viviana Moschese^{4,20}, Loredana Chini^{4,20}, Anna Villa^{21,22}, Chiara Azzari^{9,10}, Andrea Finocchi^{1,4}, Franco Locatelli²³, Paolo Rossi^{1,4}, Federica Sangiuolo⁵, Alessandro Aiuti^{2,3,6‡}, Caterina Cancrini^{1,4‡} and Gigliola Di Matteo^{1,4‡}

¹ Unit of Immune and Infectious Diseases, University Department of Pediatrics (DPUO), Scientific Institute for Research and Healthcare (IRCCS) Childrens' Hospital Bambino Gesù, Rome, Italy, ² San Raffaele Telethon Institute for Gene Therapy (SR-Tiget), IRCCS San Raffaele Scientific Institute, Milan, Italy, ³ Pediatric Immunohematology and Bone Marrow Transplantation Unit, Scientific Institute for Research and Healthcare (IRCCS) San Raffaele Scientific Institute, Milan, Italy,

⁴ Department of Systems Medicine, University of Rome Tor Vergata, Rome, Italy, ⁵ Department of Biomedicine and Prevention, University of Rome Tor Vergata, Rome, Italy, ⁶ Vita Salute San Raffaele University, Milan, Italy, ⁷ Center for Translational Genomics and Bioinformatics, San Raffaele Scientific Institute, Milan, Italy, ⁸ Division of Immunology and Rheumatology, Department of Paediatric Infectious Diseases, Regina Margherita Children's Hospital, University of Turin, Turin, Italy, ⁹ Pediatric Immunology, Department of Health Sciences, University of Florence, Florence, Italy, ¹⁰ Meyer Children's Hospital, Florence, Italy, ¹¹ Department of Translational Medical Sciences, University of Naples Federico II, Naples, Italy,

¹² Department of Molecular and Translational Medicine, A. Nocivelli Institute for Molecular Medicine, University of Brescia, Brescia, Italy, ¹³ Unit of Medical Genetics, St. Orsola-Malpighi University Hospital, University of Bologna, Bologna, Italy, ¹⁴ Division of Immunology Transplantation and Infectious Diseases (DITID), Diabetes Research Institute (DRI) IRCCS San Raffaele Scientific Institute, Milan, Italy, ¹⁵ Pediatric Department, San Raffaele Scientific Institute, Milan, Italy, ¹⁶ Department of Onco-Hematology and Cell and Gene Therapy, Scientific Institute for Research and Healthcare (IRCCS) Childrens' Hospital Bambino Gesù, Rome, Italy, ¹⁷ Paediatric Hematology-Oncology, "Ospedale della Donna e del Bambino", Verona, Italy,

¹⁸ Center for Autoinflammatory Diseases and Immunodeficiencies, IRCCS Giannina Gaslini, Genoa, Italy, ¹⁹ Department of Pediatric Hematology and Oncology, "ARNAS Civico Di Cristina Benfratelli" Hospital, Palermo, Italy, ²⁰ Pediatric Immunopathology and Allergology Unit, University of Rome Tor Vergata Policlinico Tor Vergata, Rome, Italy, ²¹ Milan Unit, National Research Council (CNR) Institute for Genetic and Biomedical Research (IRGB), Milan, Italy, ²² Humanitas Clinical and Research Institute, Rozzano, Italy, ²³ Department of Pediatric Hematology and Oncology, Scientific Institute for Research and Healthcare (IRCCS) Childrens' Hospital Bambino Gesù, University of Rome La Sapienza, Rome, Italy

Keywords: primary immunodeficiencies, Next Generation Sequencing, gene panels, Ion Torrent, Haloplex

A Corrigendum on

Targeted NGS Platforms for Genetic Screening and Gene Discovery in Primary Immunodeficiencies

by Cifaldi, C., Brigida, I., Barzaghi, F., Zoccolillo, M., Ferradini, V., Petricone, D., et al. (2019). *Front. Immunol.* 10:316. doi: 10.3389/fimmu.2019.00316

In the published article, there was an error in affiliation "18." Instead of "Pediatric and Rheumatology Unit, Giannina Gaslini Institute, Genoa, Italy," it should be "Center for Autoinflammatory Diseases and Immunodeficiencies, IRCCS Giannina Gaslini, Genoa, Italy."

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Copyright © 2019 Cifaldi, Brigida, Barzaghi, Zoccolillo, Ferradini, Petricone, Cicalese, Lazarevic, Cittaro, Omrani, Attardi, Conti, Scarselli, Chiriacò, Di Cesare, Licciardi, Davide, Ferrua, Canessa, Pignata, Giliani, Ferrari, Fousteri, Barera, Merli, Palma, Cesaro, Gattorno, Trizzino, Moschese, Chini, Villa, Azzari, Finocchi, Locatelli, Rossi, Sangiuliano, Aiuti, Cancrinì and Di Matteo. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.