

Manuscript no. HAEMATOL/2011/042077 entitled “Novel loci involved on platelet function and platelet count identified by a genome-wide study performed in children.”

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Information about the contributions of each person named as having participated in the study

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2) Authors who participated in the conception of the study: José A Guerrero, José Rivera, Vicente Vicente, Javier Corral.

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

- José A Guerrero, José Rivera, Constantino Martínez, Ana I Antón, Vicente Vicente and Javier Corral designed the genome-wide association study, replication study and analyzed data.
- Teresa Quiroga, Olga Panes and Diego Mezzano performed functional analysis.
- Angel Martínez-Pérez and José M Soria performed the GWAS statistical analysis.

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):

- José A Guerrero, José Rivera, Constantino Martínez, Ana I Antón, Vicente Vicente and Javier Corral interpreted data and obtained results from genome-wide and validation analyses.
- José A Guerrero generated all figures and tables.

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

- José A Guerrero wrote the manuscript. Javier Corral and José Rivera contributed with significant corrections. Diego Mezzano, José M Soria, Ana I Antón, Constantino Martínez and Vicente Vicente critically revised the manuscript.

6) **Contributors Listed in Acknowledgments:**

This study was supported partially by PI10/02594 (Fondo de Investigaciones Sanitarias), FEHH and Novo Nordisk Pharma, S.A., and grants 04515/GERM/06 (Fundación Seneca), SAF2009-08993 (MCYT & FEDER), RD06/0014/0039 (ISCIII & FEDER), PI-08/0420, PI-08/0756 and FONDECYT, Chile 1090170. JAG is supported by a Sara Borrell postdoctoral fellowship. CM is investigator from “Fundación para la Formación e Investigación Sanitarias de la Región de Murcia”. JM Soria was supported by “Programa d'Estabilització d'Investigadors de la Direcció d'Estrategia i Coordinació del Departament de Salut” (Generalitat de Catalunya).