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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: Francisco de Paula Careta, Marco A. Zago and Dimitar G. Efremov

3) Design & Methods. The following authors were responsible for specific investigations (please detail):
   - Daniel Mazza Matos, Roberto P. Falcão and Luca Laurenti were responsible for acquisition of clinical data and management of biological samples
   - Rodrigo Alexandre Panepucci was responsible for acquisition, analysis and interpretation of gene expression data
   - Fabio Morato de Oliveira and Francisco de Paula Careta were responsible for the FISH and qRT-PCR analysis
   - Francisco de Paula Careta, Daniel Mazza Matos, Engin Bojnik and Stefania Gobessi were responsible for cell culture, flow cytometry and immunoblotting analysis
   - Francisco de Paula Careta was responsible for the mouse model studies
   - Francisco de Paula Careta, Marco A. Zago and Dimitar G. Efremov were responsible for drafting the article or revising in critically

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):
   - Rodrigo Alexandre Panepucci was responsible for Figure 1 and Supplementary Tables 1 and 2
   - Francisco de Paula Careta and Fabio Morato de Oliveira were responsible for Figure 2
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• Francisco de Paula Careta was responsible for Figure 5
• Luca Laurenti and Francisco de Paula Careta were responsible for Supplementary Table 3

5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:
• Francisco de Paula Careta, Marco A. Zago and Dimitar G. Efremov were responsible for writing the manuscript and final approval of the version to be published.

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