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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: Sergio Ottolenghi, Walter Witke, Laura Spinardi and Antonella Ellena Ronchi

3) Design & Methods. The following authors were responsible for specific investigations (please detail):
- Walter Witke was responsible for providing gelsolin null mice on a BALB/c congenic strain.
- Maria Teresa Colzani, Ileana Cantù, Gloria Barbarani were responsible for colony husbandry.
- Laura Spinardi and Antonella Ellena Ronchi were responsible for histology, immunocytochemistry, immunofluorescence analysis and PHZ treatment.
- Claudio Cantù, Francesca Bosè, Eva Realí, Antonella Ellena Ronchi were responsible for Fetal liver cell purification, sorting and flow cytometry (FACS)
- Francesca Bosè and Antonella Ellena Ronchi were responsible for quantitative RT-PCR
- Claudio Cantù was responsible for hanging drop culture 24 and osmotic fragility test
- Paola Bianchi was responsible for hematological and biochemical 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):
- Claudio Cantù, Francesca Bosè and Antonella Ellena Ronchi. were responsible for figure 1
- Laura Spinardi and Antonella Ellena Ronchi were responsible for figure 2 and 3
- Claudio Cantù, Francesca Bosè, Eva Realí and Antonella Ellena Ronchi were responsible for figure 4.
- Claudio Cantù, Francesca Bosè, Paola Bianchi, Eva Realí, Laura Spinardi, and Antonella Ellena Ronchi were responsible for figure 5.
- Claudio Cantù, Laura Spinardi, and Antonella Ellena Ronchi were responsible for figure 6 and Online Supplementary Figure S1
- Laura Spinardi was responsible for Online Supplementary Table 1.
5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:
- Laura Spinardi and Antonella Ellena Ronchi were responsible for Abstract, Introduction, Results and Discussion.
- Claudio Cantù and Francesca Bosè were responsible for Design and Methods, and Figure Legends.
- Sergio Ottolenghi and Walter Witke were responsible for Discussion and for revising the manuscript.

6) **Contributors Listed in Acknowledgments:**
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