

## AUTHOR CONTRIBUTION FORM

| Title | Clinical importance of different calreticulin gene mutation types in <br> wildtype JAK2 essential thrombocythemia and myelofibrosis patients |
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| First author | Chun Qiao and Chao Sun contributed equally to this work |

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## Author contributions

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, interpretation of data, preparation of the text, etc.):
S.-J.Z. and J.-Y.L. designed the study. C.Q. and C.S. performed sequence analysis and validated mutations. C.Q. performed statistical analysis of the data. Y.O., J.-J.W. and S.X.Q. collected samples and provided clinical information. S.-J.Z. confirmed the final data. C.Q., S.-J.Z. and J.-Y.L. wrote the manuscript.

