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author contribution form

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| Title | Characteristic phenotypes associated with Congenital Dyserythropoietic Anaemia (Type II) manifest at different stages of erythropoiesis |
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Specific contributions of each author are listed on page 2 of this document.

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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, collection of images, interpretation of data, preparation of the text, etc.)

TJS and SP performed experiments, conceived and designed experiments, and wrote and edited the manuscript. P.B, EF and WB diagnosed and characterized the patients, managed patient care, provided patient samples and edited the manuscript. BRH and AMT conducted western blots on ghost membranes and conducted the reticulocyte maturation experiments. AG performed high pressure freezing Electron Microscopy on erythrocytes and erythroblasts and edited the manuscript. KEM and AMT prepared and purified SEC23 antibodies. AB and DJS provided COPII coat protein specific antibodies and expertise, and edited the manuscript. EvdA performed mouse erythroblast cultures, conceived and designed experiments and edited the manuscript. AMT was the principal investigator, conceived and designed experiments, and wrote and edited the manuscript.