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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:

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- 3) Design & Methods. The following authors were responsible for specific investigations

Jeffrey D. Lebensburger: design research and methods. Performed experiments related to hydroxyurea

Tamara Pestina: design research and methods. Performed experiments related to gene therapy

Russell E. Ware: design research and methods

Kelli L. Boyd: design research and methods. Performed experiments related to organ pathology

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- 4) Results. The following authors were responsible for specific portions of the results, including figures and tables:

- Jeffrey Lebensburger was responsible for creating figures and tables (all Tables and Figures)
- Tamara Pestina was responsible for creating figures and tables (Table 1, Supplemental Figure 3)
- Kelli Boyd was responsible for creating figures and tables (Figure 1, Supplemental Table 2)
- Derek Persons was responsible for figure and table analysis (all tables and figures)

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

- Jeffrey Lebensburger was responsible for writing the manuscript
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