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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: Laurence Bugeon, Harriet Taylor, Charles Ellis, Emma Smith, Leonard Zon, Jonathan Lamb, Margaret Dallman

3) Design & Methods. The following authors were responsible for specific investigations (please detail):

- Laurence Bugeon was responsible for the Flow cytometry analysis of the adult
- Harriet Taylor was responsible for the tail transection experiment and morpholino experiments
- Franze Progzatzky was responsible for the flow cytometry of the embryos
- Charles Ellis was responsible for the genotyping and flow cytometry
- Emma Smith was responsible for the flow cytometry experiments
- Natalie Welsh was responsible for the gene expression analysis
- Michelle Lin was responsible for the in situ experiment
- Neil Vargesson, Timothy Chico, Caroline Gray and Stephen Renshaw were responsible for producing/supplying the mutant/transgenic fish

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):

- Laurence Bugeon was responsible for Figure 4, 5 and 6
- Harriet Taylor was responsible for figure 2 & 4
- Franze Progzatzky was responsible for figure 2 & 3
- Charles Ellis was responsible for figure 5 & 6
- Emma Smith was responsible for figure 5 & 6
- Natalie Welsh was responsible for figure 4E
- Michelle Lin was responsible for figure 1

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5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:
• Laurence Bugeon wrote the manuscript draft which was revised by all authors and in particular by Margaret Dallman

6) **Contributors Listed in Acknowledgments:** (Examples of those who might be acknowledged include a person who provided purely technical help, writing assistance, or a department chair who provided only general support. Corresponding authors must declare whether they had assistance with the study design, data collection, data analysis, or manuscript preparation. If such assistance was available, the authors must disclose the identity of the individuals who provided this assistance and the entity that supported it. Financial and material support should also be acknowledged.)

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