





Conclusion: *wt1b*⁺ cells contribute to heart muscle regeneration



Question 2: Is the *wt1b*⁺ epicardium a progenitor source of heart muscle? And/Or Does Wt1b play a role in existing heart muscle proliferation?



Conclusions

 First demonstration that the *wt1b*⁺ epicardium is a progenitor source of heart muscle in development

Developing zebrafish heart



Conclusion: The *wt1b*⁺ epicardium is a progenitor source of heart muscle in development

wt1b⁺ cells contribute to heart muscle regeneration

Next step

Determine the molecular mechanism driving the production of new heart muscle from *wt1b*⁺ progenitors in the regenerating heart

Implication

Potential therapeutic target to stimulate heart muscle regeneration in human patients following a heart attack















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