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Dear Dr. DSouza,

Enclosed please find our manuscript entitled “Analysis of cardiac chamber development during mouse embryogenesis using whole mount epifluorescence” that we wish to submit for publication in *JoVE.* We believe that this article will provide a useful and simple method for studying heart development.

In this manuscript, we describe a method for visualizing each stage of heart development during mouse embryogenesis using whole mount epifluorescent imaging of MLC-2v-tdTomato mice as an example. This simple method can be widely used with other fluorescent reporter mouse lines without performing tedious histochemical methods or using advanced new technologies which require special equipment.

We tried to address every editorial comments and reviewers’ concerns. However, we were not able to provide scale bars in Figure 2 (adopted from the previous publication), because each picture was manually zoomed using an epifluorescent dissecting microscope. It was impossible to provide scale bars in those manually zoomed pictures retrospectively. All the changes that we made were tracked in red.

We hope you and the reviewers will agree that this paper warrants publication in *JoVE*. Thank you for your consideration.

Sincerely,



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Assistant Professor

Division of Cardiovascular Medicine

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