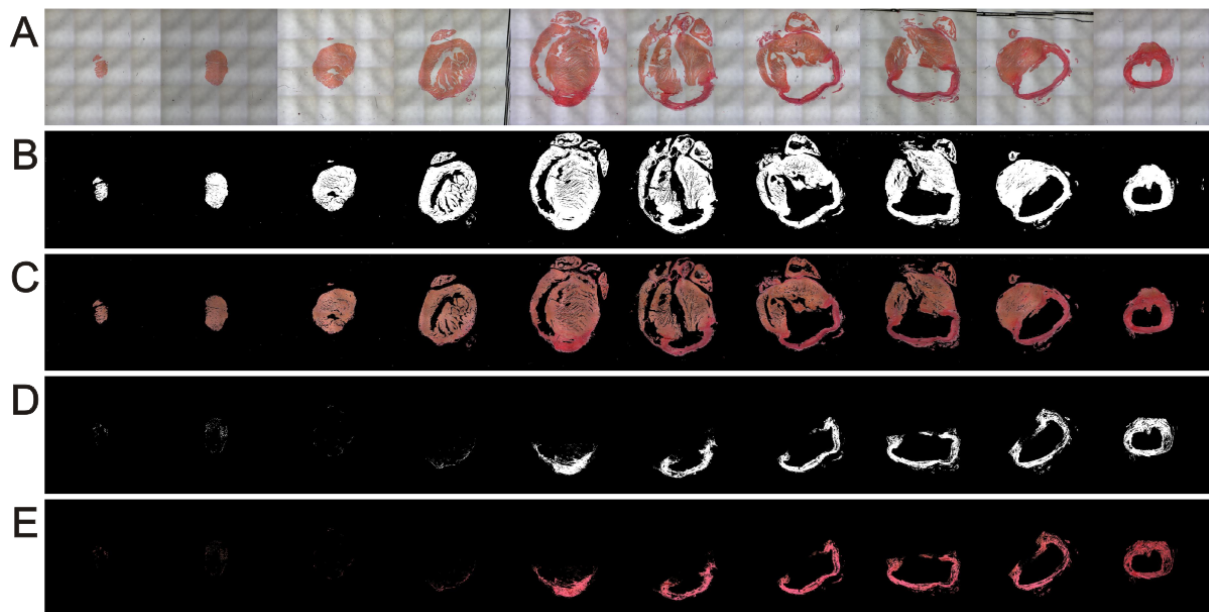


**Supplemental information to:**  
**Assessment of myocardial fibrosis in mice using a T2\*-weighted 3D**  
**radial magnetic resonance imaging sequence**

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**Supplemental Figure 1: Infarct size quantification from histology.**



(A) Representative stack of ten Picrosirius stained slices of a post-MI heart. A custom-built color detection algorithm was used to define (B) a whole heart mask to remove the background from (C) the histological images. To this end, the original RGB images (red-green-blue) were converted to HSV images (hue-saturation-value) and signal intensity thresholds were applied to the different HSV channels. (D) Next, a mask was defined to select (E) the collagen rich area, using a signal intensity threshold on the hue channel. The HSV thresholds were determined empirically and proper selection of the heart and collagen rich area were confirmed by visual inspection.