



Supplementary information, Fig. S5. Representative images and quantification of the nucleation of rod-shaped cardiomyocytes isolated from adult *Cre*^{+/-} and *Lrp6*-CKO hearts. Approximately $2-3 \times 10^6$ cardiomyocytes per sample were counted in 3 independent samples using an automated cell counter (**a**). Scale bar = 100 μm . **b** Immunostaining of isolated cardiomyocytes with DAPI, and quantification of the number of nuclei in *Cre*^{+/-} and *Lrp6*-CKO hearts. For nucleation, approximately 7000-9000 cells were counted from 4 mice per group (right). White arrowheads indicate the mononucleated cardiomyocytes. Mono, mononucleated CMs, Bi, binucleated CMs, Multi, multinucleated CMs. Scale bar = 75 μm . * $P < 0.05$, ** $P < 0.01$. *n.s.*, not significant. Data are presented as means \pm SD.