



Supplementary information, Fig. S3. *Lrp6* deficiency promotes cardiomyocyte proliferation in the mouse hearts at different stages. **a, b** Immunostaining showing the colocalization of pH3-S10, PCM1 and DAPI in the *Lrp6*-CKO and *Cre*^{+/-} hearts at P7d and P14d. **c** Immunostaining showing the colocalization of EdU, PCM1 and DAPI in the *Lrp6*-CKO and *Cre*^{+/-} hearts at P10w. The cardiomyocyte nuclei were stained positive for PCM1. White arrowheads indicate the EdU⁺ or pH3-S10⁺ cardiomyocytes. The individual staining for pH3-S10 (**a,b**), EdU (**c**) and PCM1 was shown in zoom regions. Quantitative analysis of the pH3-S10⁺ or EdU⁺ cardiomyocytes via counting in multiple sections from three independent samples per group (3 sections per heart). Scale bar = 100 μ m. ** $P < 0.01$. Data are presented as means \pm SD.