



Supplementary information, Fig. S8 Fractional shortening and heart rate of mice.

a, f Cardiac function was evaluated by fractional shortening (FS%, **a**), and heart rate (**f**) of α -MHC WT and α -MHC K1897R mice after NaCl or Ang II treatment. **b, g** Cardiac function was evaluated by fractional shortening (FS%, **b**), and heart rate (**g**) of LDHA-cWT and LDHA-cKO mice after NaCl or Ang II treatment. **c, h** Cardiac function was evaluated by fractional shortening (FS%, **c**), and heart rate (**h**) of WT and Ang II groups with NaCl or NALA. **d, i** Cardiac function was evaluated

by fractional shortening (FS%, **d**), and heart rate (**i**) of α -MHC WT mice (given control treatment or Ang II infusion) and α -MHC K1897R mutant mice (given control treatment, Ang II infusion, NALA infusion or combined Ang II and NALA infusion). **e** Cardiac function was evaluated by fractional shortening (FS%) of α -MHC WT mice and α -MHC K1897R mutant mice (given control treatment, Ang II infusion, VB124 infusion or combined Ang II and VB124 infusion). (**a-i**) Data are expressed as means \pm SD. Statistical significance was assessed by 2-way ANOVA with Bonferroni multiple comparisons test (**a-c**, **f-h** P values adjusted for 6 comparisons, **d-e**, **i** P values adjusted for 10 comparisons; ns $P > 0.05$ which means no significance; ** $P < 0.01$; *** $P < 0.001$).