



Supplementary information, Figure S1. PRKAG2-H530R transgenic mice develop cardiac hypertrophy.

(A) Protein levels of AMPK subunits analyzed by immunoblotting.

(B) H&E staining of paraffin embedded sections of hearts.

(C-E) Measurements of cardiac triglycerides (C), phospholipids (D) and cholesterol (E) from the heart of 8-week-old mice as indicated. One-way ANOVA was used to analyze overall differences between all groups (n=5).

Unpaired two-tailed Student's t-test for single comparison, *p<0.05, **p<0.01, ***p<0.001.

(F) Protein levels of phosphorylated AMPK and downstream enzymes by immunoblots of heart tissue from mice as indicated.