CARDIAC PROTEIN KINASE D1 ABLATION ALTERS THE MYOCYTES β-ADRENERGIC RESPONSE

SUPLEMMENTARY MATERIALS

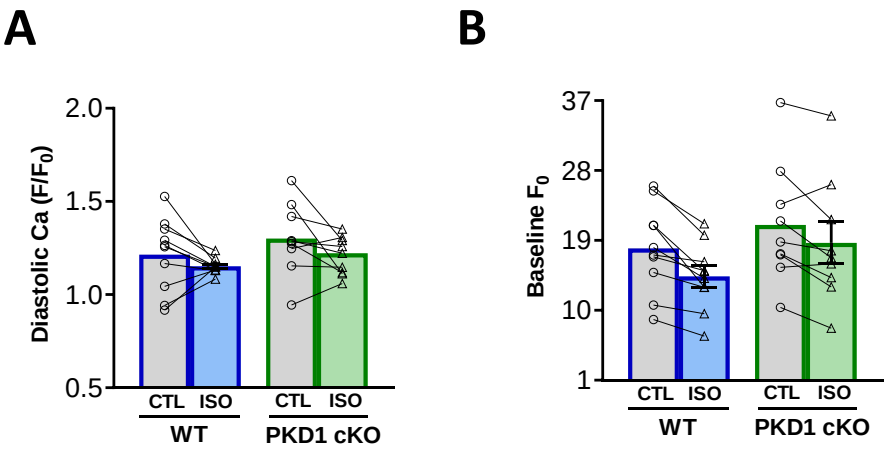


FIGURE S1. Diastolic Ca^{2+} changes were comparable in both WT and PKD1 cKO myocytes. **A,** Diastolic Ca^{2+} during pacing (minimum during pacing, F/F0). **B,** baseline fluorescence (at rest, non-paced, $F_0=F_{cell}-F_{background}$). Same recordings as in Figure 1. Data points represent cells (WT, n = 9; KO, n = 8). Mice: WT, N = 5; KO, N = 4. Data are presented as mean ± SEM. Two-way ANOVA, followed by Tukey's multiple comparisons test. Differences were considered statistically significant if $P < 0.05$.

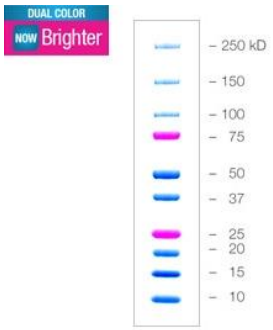
FULL BLOTS USED ON FIGURE 5A-D

WT= wild type, KO= PKD1 cKO, Sal= saline, Iso= isoproterenol.

Blots were cut to probe separately with different antibodies and imaged in the ChemiDoc™ MP Imaging System (Bio-Rad) (see methods section in the manuscript).

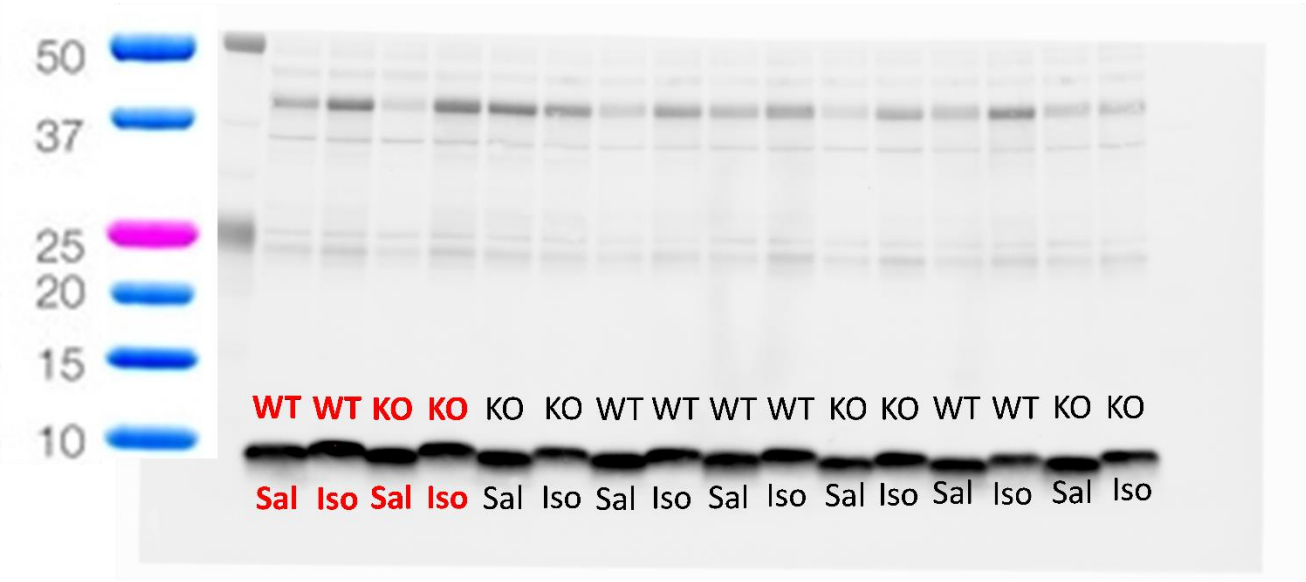
The samples used in Figure 5A-D are labelled in **bold red font**.

MW marker: Precision Plus Protein Dual Color Standards (Bio-Rad).

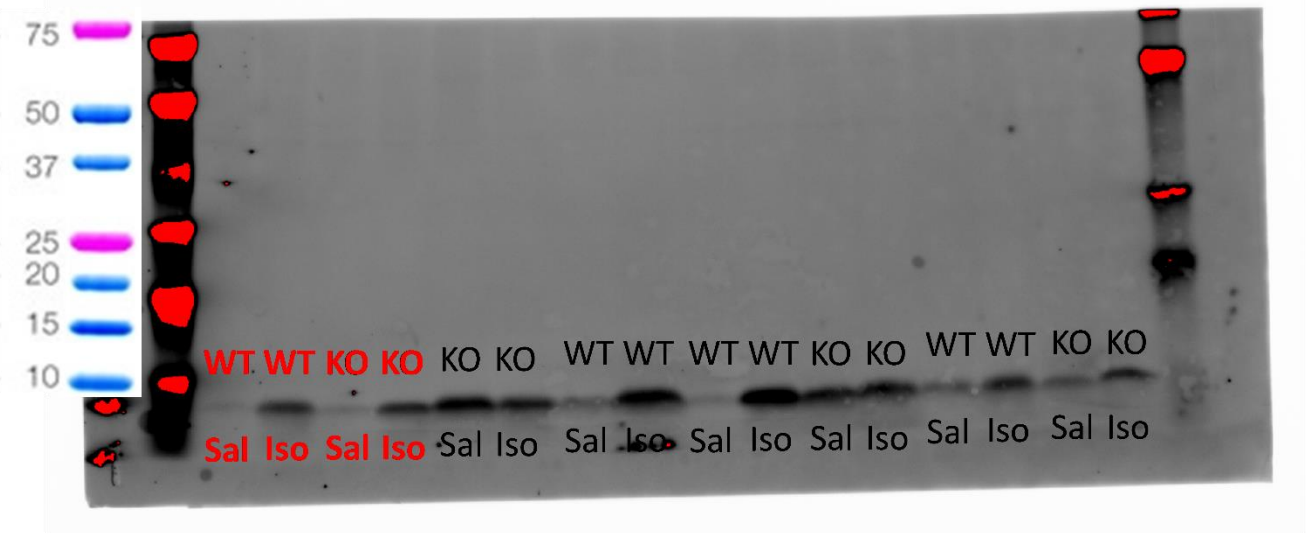


Full blots used on Figure 5Aa

Total PLB

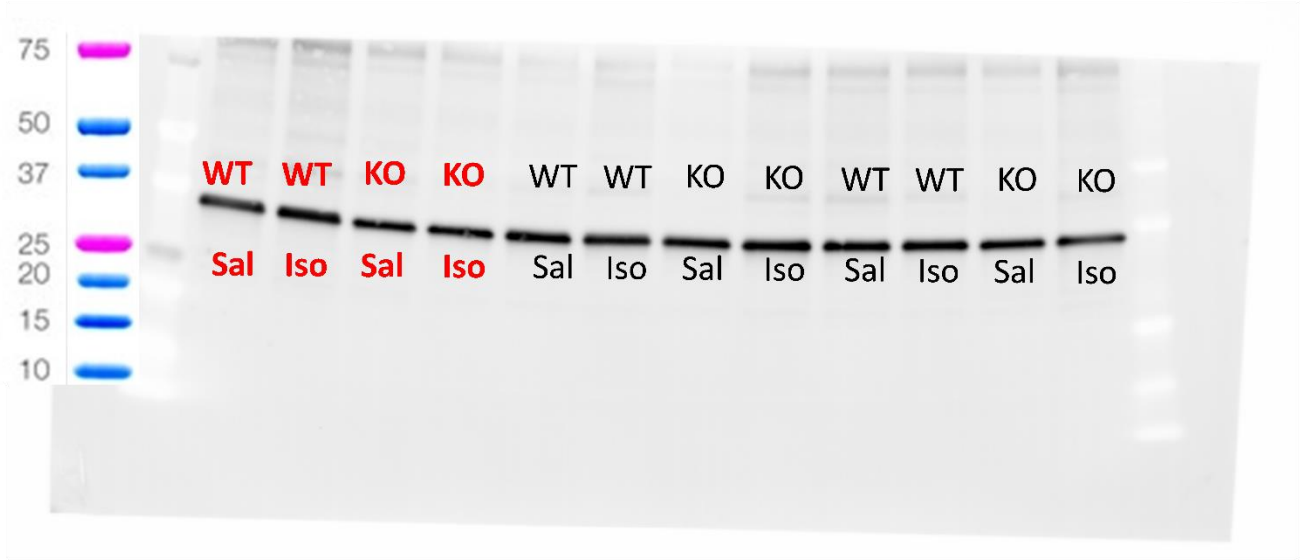


pPLB

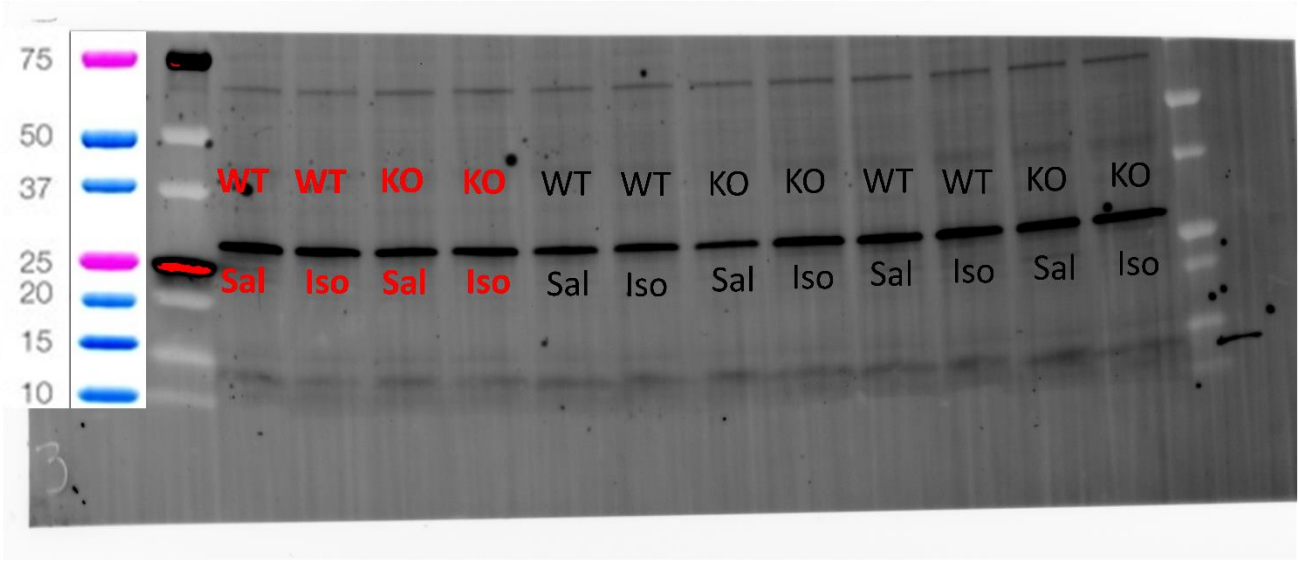


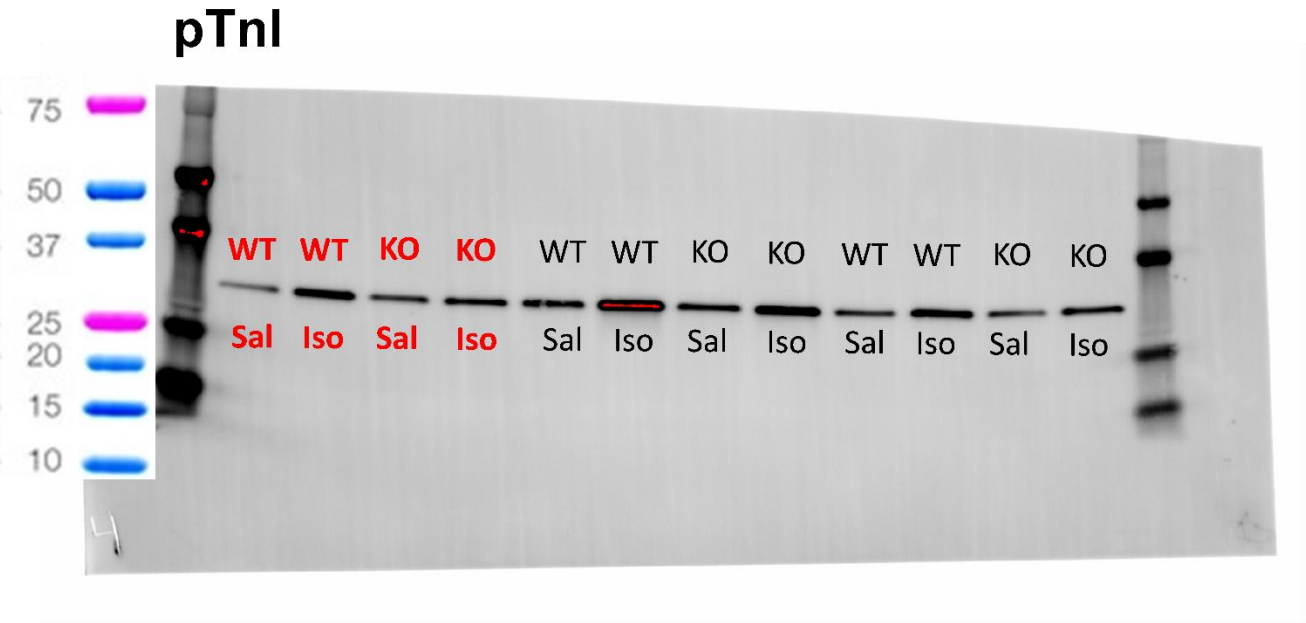
Full blots used on Figure 5Ba

GAPDH

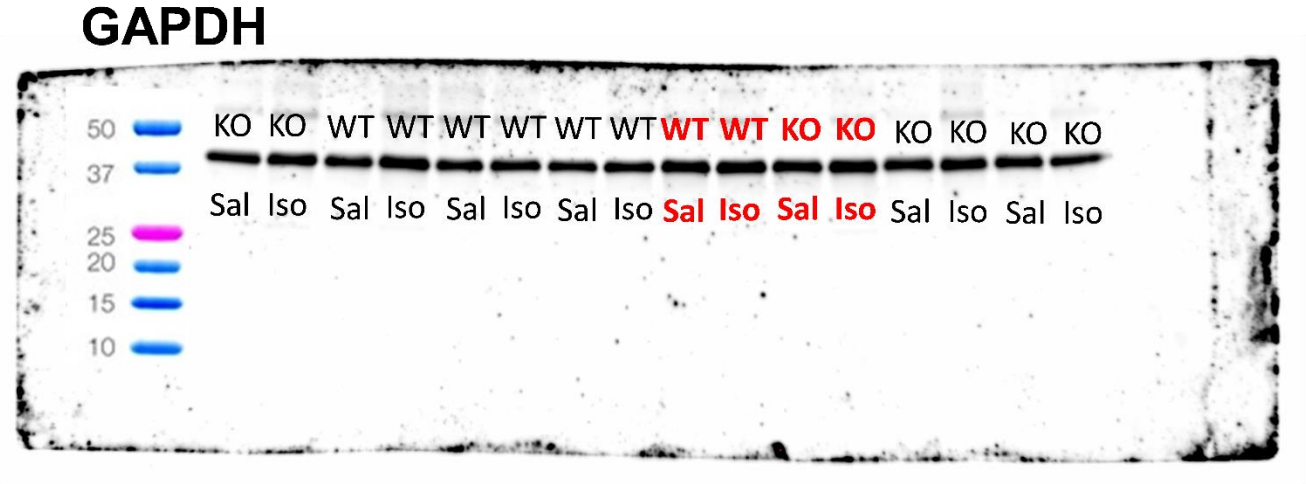


Total TnI

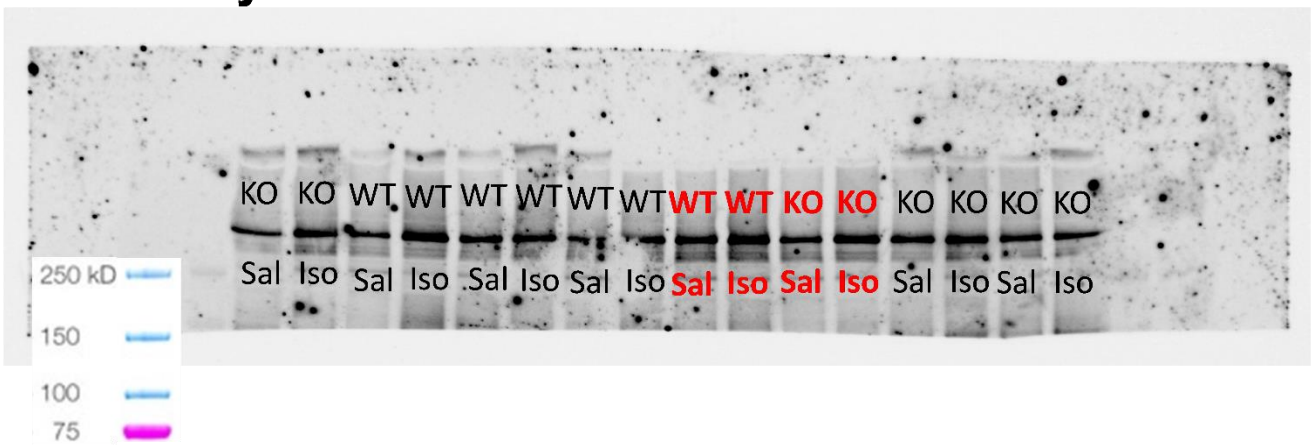




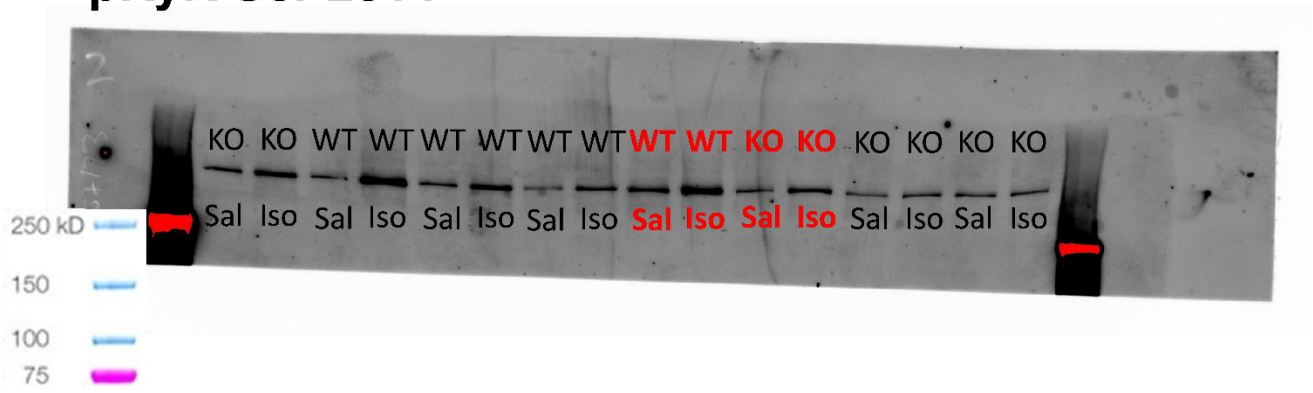
Full blots used on Figure 5Ca



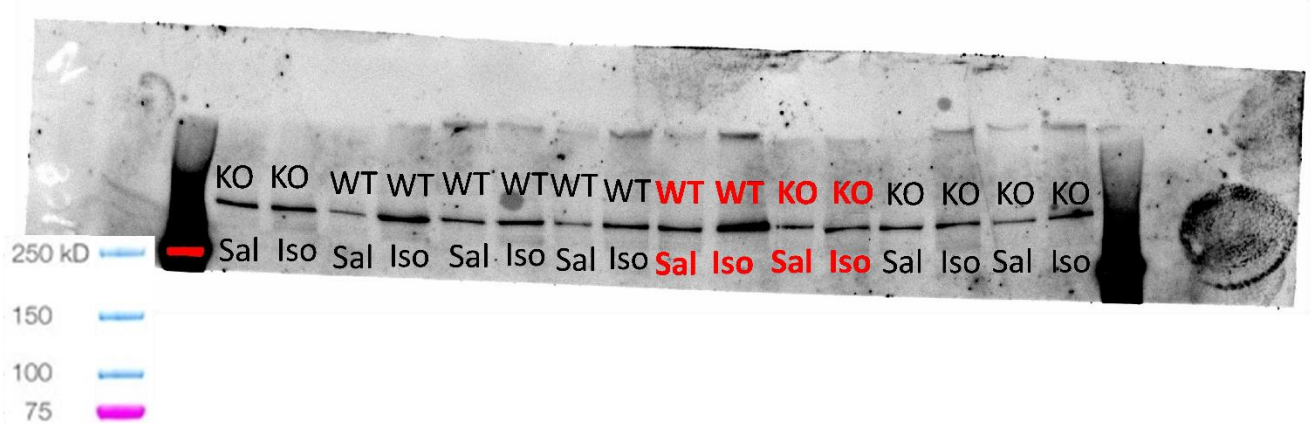
Total RyR



pRyR Ser 2814



pRyR Ser2808



Full blots used on Figure 5Da