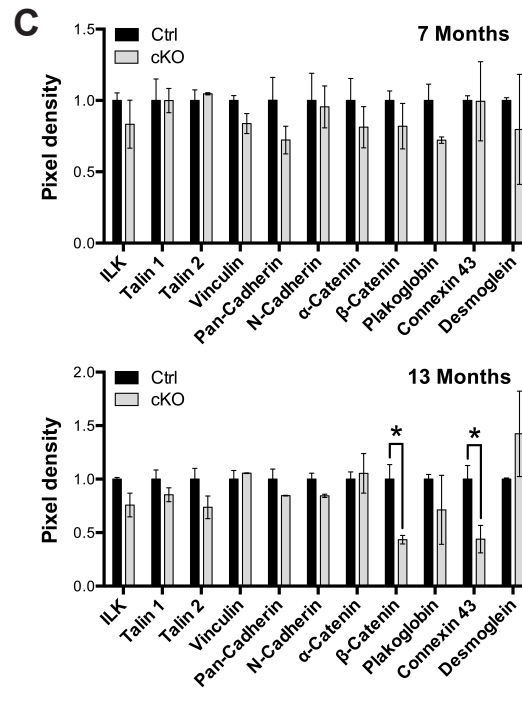
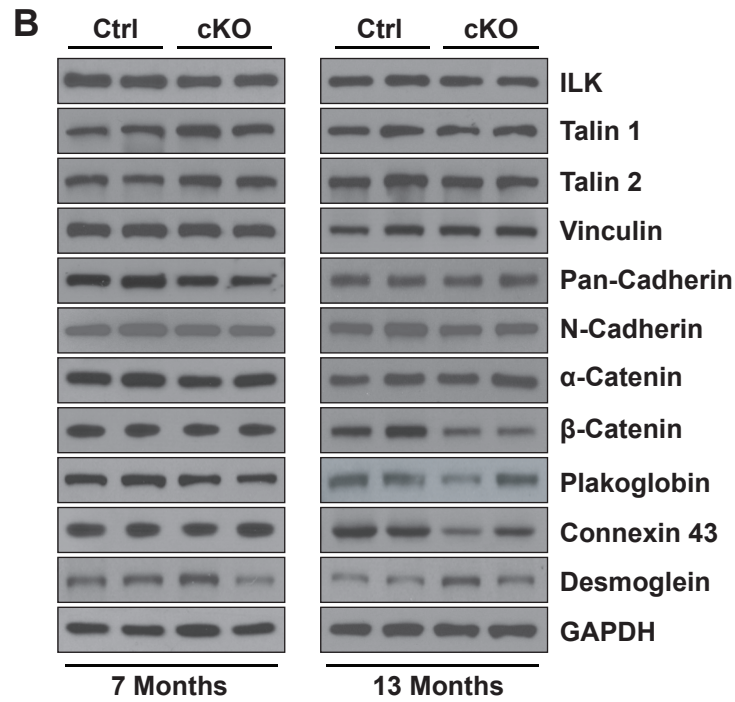
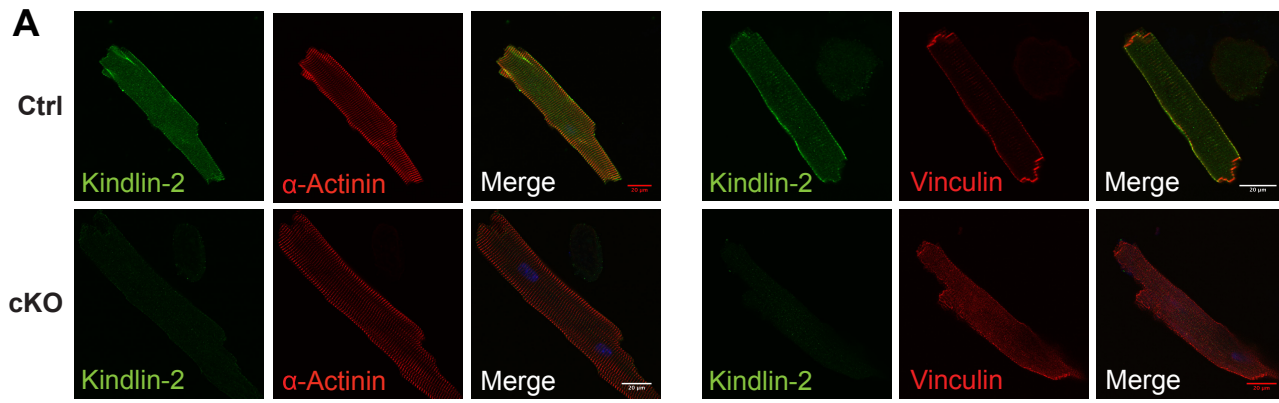


Supplemental Material

Supplementary Figure 1.



Supplementary Figure 1. Kindlin-2 is localized at the costamere, and loss of Kindlin-2 does not alter protein expression or localization of intercalated disc components

(A) Immunofluorescence analysis of Kindlin-2 (green) and α -Actinin (red, left) and Vinculin (red, right) in cardiomyocytes isolated from control (Ctrl) and Kindlin-2^{fl/fl}; β -MHC Cre knockout (cKO) mice at 5 months (scale bar: 20 μ m). DNA is stained with DAPI (blue). (B) Western blot and (C) corresponding quantitative densitometric analysis of indicated proteins in Ctrl and cKO mouse hearts, at 7 and 13 months. ILK, integrin-linked kinase. GAPDH served as a loading control. Pixel density is normalized to the level of GAPDH (* P <0.05, two-tailed Student's t -test). A representative example of at least two independent experiments is shown (n=2 per genotype/experiment).

Supplementary Table 1. Primer sequences used for qRT-PCR analysis

Gene	Forward Primer (5'-3')	Reverse Primer (5'-3')
<i>Col1α1</i>	TCACCAAACCTCAGAAGATGTAGGA	GACCAGGAGGACCAGGAAG
<i>Col3α1</i>	ACAGCAGTCCAACGTAGATGAAT	TCACAGATTATGTCATCGCAAAG
<i>ANF</i>	GATAGATGAAGGCAGGAAGCCGC	AGGATTGGAGCCCAGAGTGGACTAGG
<i>BNP</i>	TGTTTCTGCTTTTCCTTTATCTGTC	CTCCGACTTTTCTCTTATCAGCTC
<i>β1D</i>	CAAGTGGGACACGCAAGAAA	CGTCCATAGTTTGGATTCTTGAAAT
<i>18S</i>	GGAAGGGCACCACCAGGAGT	TGCAGCCCCGGACATCTAAG

Col1 α 1, collagen alpha 1 type I; *Col3 α 1*, collagen alpha1 type III; *ANF*, atrial natriuretic factor;

BNP, B-type natriuretic peptide; *β 1D*, integrin β 1D; *18S*, 18S ribosomal RNA.