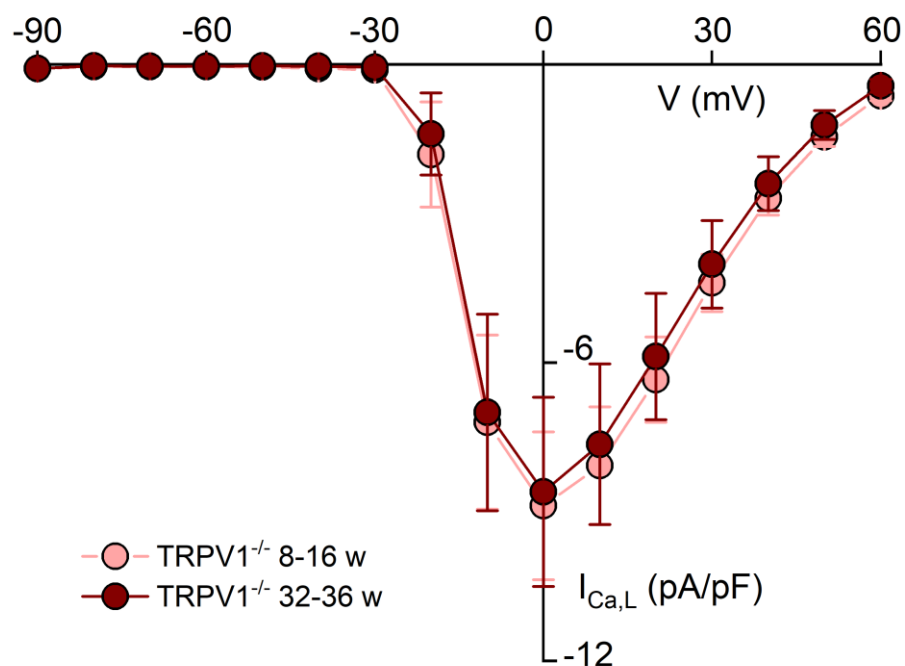


# TRPV1 Deletion in Male Mice Alters Cardiomyocyte Ultrastructure Without Affecting Baseline Cardiac Function

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**Fig. S1. Electrophysiological comparison of 8–16-week-old and 32–36-week-old  $\text{TRPV1}^{-/-}$  isolated adult mouse cardiomyocytes.** Current-voltage relationships of the peak of L-type  $\text{Ca}^{2+}$  current ( $I_{\text{Ca,L}}$ ) normalized to cardiomyocyte membrane capacitance from 8–16-week-old ( $n = 18$  cells from 2 animals) and 32–36-week-old ( $n = 10$  cells from 2 animals)  $\text{TRPV1}^{-/-}$  mice.