

Figure A. Cardiomyocyte Tead1 knockout validation on heart sections from 1.5-day-old pups. Representative immunostaining showing Tead1 (green), cardiac Troponin T (red), DAPI (blue). Scale bar, 50 μ m.

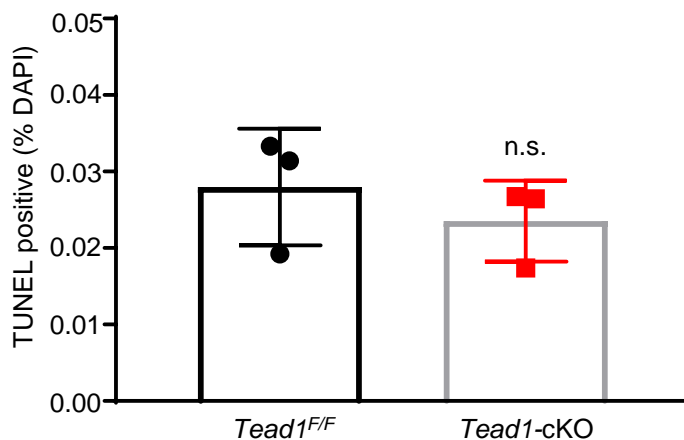
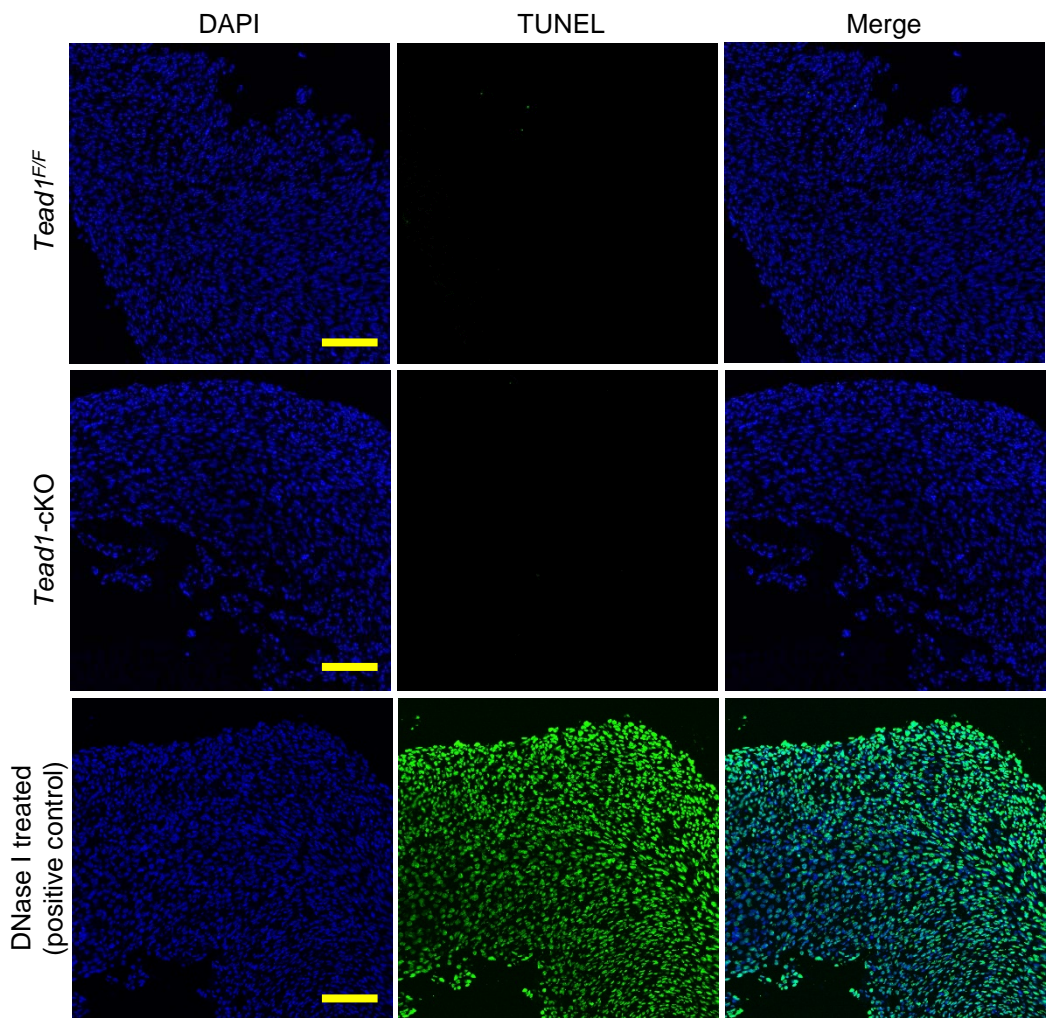


Figure B. Tead1 ablation did not impact apoptosis. (A) Representative figures of the TUNEL staining in control and *Tead1-cKO* heart sections. Scale bar, 100 μ m. (B) Quantitative analysis represents counting from three independent samples per group (approximately $0.7-1.7 \times 10^5$ cells were counted). Data were analyzed by Mann-Whitney *t*-test.

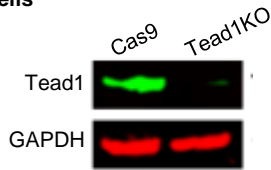
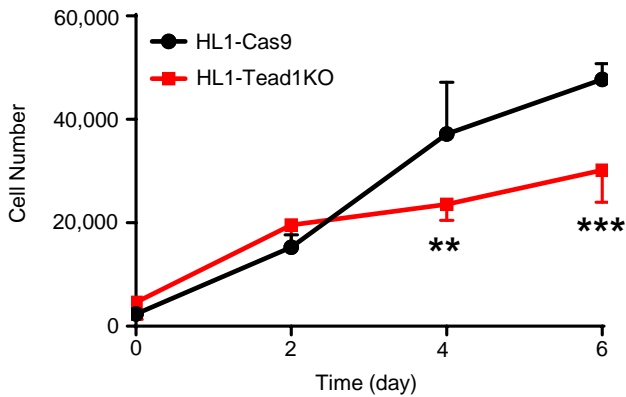
A**HL1 cells****B**

Figure C. Tead1 regulates cardiomyocyte growth and cell cycle in a cell-autonomous manner. (i) Western blot validation for Tead1 knockout in stable HL-1 cells. (ii) Cell counts in HL1-Cas9 and HL1-Tead1 knockout (HL1-Tead1KO) cells. Equal number of cells were plated and synchronized by overnight serum starvation, and cell numbers were counted at the indicated time points after reintroduction of complete growth medium (n=4). ** $p < 0.01$; *** $p < 0.001$; data were analyzed by two-way ANOVA followed by Sidak's multiple comparisons test.