



Supplemental Figure S3 –TUNEL Positive cells are increased by hemodynamic loading of the left ventricle but no significant differences are noted between control and cKO hearts either in the basal state, or following TAC.

Panel A – Representative specimens from control and cKO ventricles stained for a myocyte-specific marker (α -sarcomeric actinin = green) and for TUNEL positive cells (Red) in both the sham and TAC operated state.

Panel B – Graphic depiction of %TUNEL positive cells in the sham and TAC specimens show no significant differences between the control or cKO samples in either the sham or TAC state. (n=3 mice in each group with >1000 cells assayed from each group.)