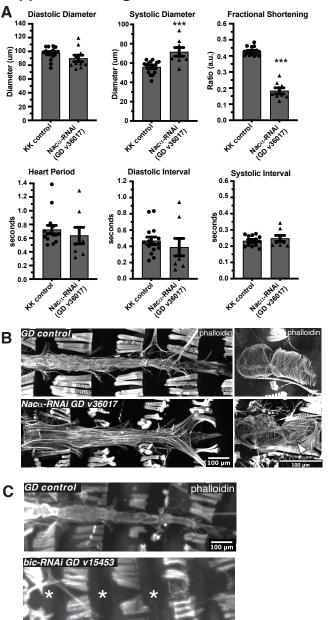
## **Supplemental Figure 2**



SUPPLEMENTAL FIGURE 2:  $Nac\alpha$  and bicaudal knockdown (KD) using additional RNAi lines. KD of a second  $Nac\alpha$  RNAi line (GD v36017) using Hand4.2-GAL4 driver, led to the presence of an adult heart tube. A, Hearts were dysfunctional, with significantly increased systolic diameter, that led to severely blunted Fractional Shortening.

B, Phalloidin staining visualized highly disorganized circumferential fibers (arrowhead).

C, KD of a second bicaudal RNAi line (GD v15453) using Hand4.2-GAL4 led to a no heart phenotype. \*-indicates missing heart.