Figure S5 Corpora cardiaca cell number is independent of APRP. Represented are cell counts of CC cells tagged by fluorescence under indirect control of the *Akh* promoter (*akhp*-Gal4 > *UAS*-mCD8 GFP) in *Akh*^AP^ and *Akh*^SAP^ mutants compared to *Akh*⁺ controls (one-way ANOVA, $F_{2,27}$ = 0.3, P =0.74). Note that the *Akh*⁺ control is identical to the one used in Figure 9A.

SUPPLEMENTARY REFERENCES
(if not represented in the main text references)

BLIGH, E. G. and W. J. DYER, 1959   A rapid method of total lipid extraction and purification. Can J Biochem Physiol. 37: 911–917.

GRÖNKE S., MÜLLER G., HIRSCH J., FELLERT S., ANDREOU A., HAASE T., JÄCKLE H., KÜHNLEIN R. P., 2007 Dual lipolytic control of body fat storage and mobilization in Drosophila. PLoS Biol **5**: e137.

HAMMER, Ø., D. A. T. HARPER, and P.D. RYAN, 2001 PAST: Paleontological statistics software package for education and data analysis. Palaeontologia Electronica 4(1): 9pp. (http://palaeo-electronica.org/2001_1/past/issue1_01.htm).

KIM S. K., RULIFSON E. J., 2004 Conserved mechanisms of glucose sensing and regulation by Drosophila corpora cardiaca cells. Nature **431**: 316–320.

KLEPSATEL P., GÁLIKOVÁ M., DE MAIO N., HUBER C. D., SCHLÖTTERER C., FLATT T., 2013 Variation in thermal performance and reaction norms among populations of Drosophila melanogaster. Evolution **67**: 3573–3587.

PORT F., CHEN H. M., LEE T., BULLOCK S. L., 2014 Optimized CRISPR/Cas tools for efficient germline and somatic genome engineering in Drosophila. Proceedings of the National Academy of Sciences **111**: E2967–E2976.

SHCHERBATA, H. R., A. S. YATSENKO, L. PATTERSON, V. D. SOOD, U. NUDEL *et al*, 2007   Dissecting muscle and neuronal disorders in a Drosophila model of muscular dystrophy. EMBO J. 26: 481–493.