



Figure S5 Nuclear architecture changes in muscle nuclei induced by Cap-H2 overexpression. Individual muscle nuclei from the larval body wall were imaged with endogenous Cap-H2 overexpression (A) and overexpression of a stabilized Cap-H2 protein (C), along with the corresponding GAL4 control (B, D). Anti-Lamin was used to mark the nuclear envelope. Spherical protrusions of the nuclear envelope into the nuclear space can be seen in Cap-H2 overexpression through heat shock induction (A). Smaller perturbations of the envelope are seen with tissue specific expression of Cap-H2 (C). Scale bars are 10 microns in all panels.