

# Supplementary Figure 1

a

| Driver              | Tissue  | dPPP1R15 RNAi        |
|---------------------|---|----------------------|
| <i>tub-Gal4</i>     | Ubiquitous                                      | embryonic lethal     |
| <i>Da-Gal4</i>      | Ubiquitous                                      | small delayed larvae |
| <i>actin-Gal4</i>   | Ubiquitous                                      | small delayed larvae |
| <i>e22c-Gal4</i>    | Ectoderm  | embryonic lethal     |
| <i>CG-Gal4</i>      | Fat body  | no phenotype         |
| <i>MHC-Gal4</i>     | Somatic muscle                                  | no phenotype         |
| <i>Mef2-Gal4</i>    | Somatic muscle                                  | no phenotype         |
| <i>fkh-Gal4</i>     | Salivary gland                                  | no phenotype         |
| <i>twist-Gal4</i>   | Midgut visceral mesoderm, muscle                | no phenotype         |
| <i>APPL-Gal4</i>    | CNS   | no phenotype         |
| <i>179Y-Gal4</i>    | CNS   | no phenotype         |
| <i>elav-Gal4</i>    | CNS   | no phenotype         |
| <i>dILP2-3-Gal4</i> | CNS, ring gland, heart                          | no phenotype         |
| <i>dILP2-Gal4</i>   | CNS, ring gland, heart                          | no phenotype         |
| <i>GMR-Gal4</i>     | Eye imaginal disc                               | no phenotype         |
| <i>esg-Gal4</i>     | Gut, larval histoblasts, CNS and imaginal discs | large delayed larvae |
| <i>en-Gal4</i>      | Wing imaginal disc (posterior compartment)      | delayed pupation     |

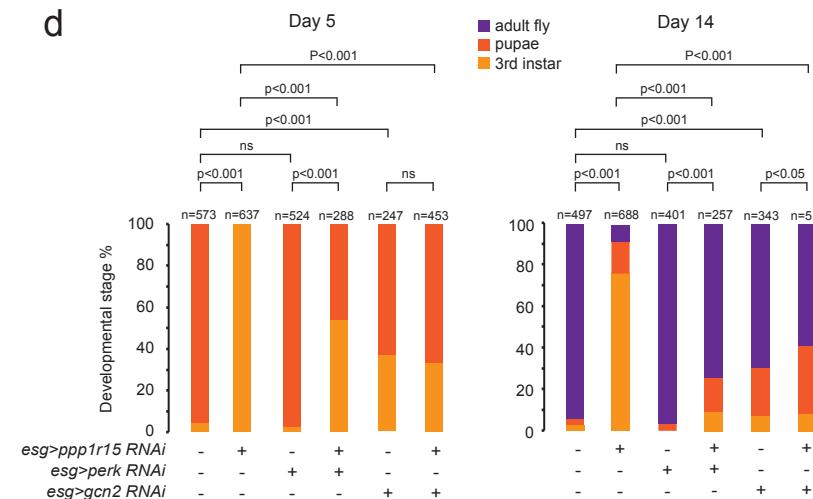
b



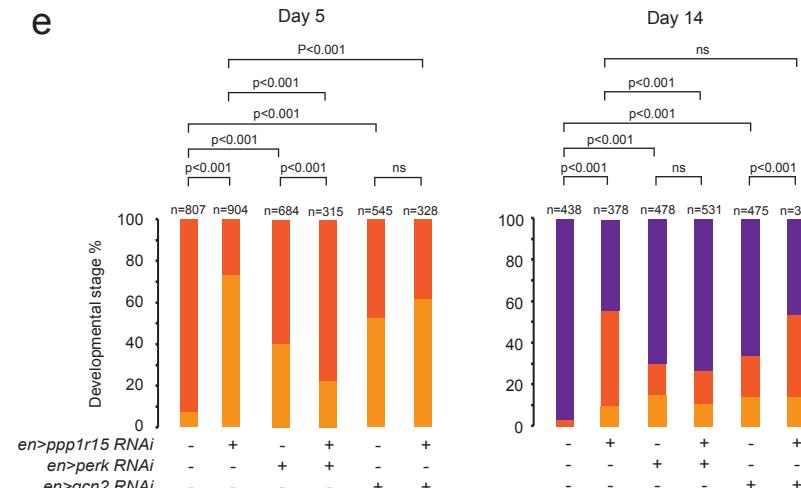
c



d



e



f

