



**Figure S4** Overexpression of Ulp1 activates Toll signaling. (A) Quantitative RT-PCR of endogenous *Drosomycin* gene expression in whole third instar larvae. *Drs* levels were increased by approximately 14-fold when Ulp1-V5 was expressed using the *da-GAL4* driver, compared to *yw* controls. (B-B'') Localization of Dorsal protein in the fat bodies of larvae expressing Ulp1-V5 under the control of the *da-GAL4* driver. DI showed preferential nuclear localization in a subset of cells. \*,  $p < 0.05$ . Error bars represent standard deviation.