

Supplementary Figure 4. The RasV12G37-induced lymph gland overproliferation is not dependent on Rala.

A. Widefield fluorescence images of hemolymph from larvae expressing the indicated transgenes in the hematopoietic system. Note the presence of enlarged actin-rich (Phalloidin-positive) hemocytes, that is lamellocytes, upon expression of RasV12 or RasV12_S35. Scale bars 50 μm. **B.** Quantification of Ras expression levels in circulating hemocytes by qPCR. The graph shows mean +/- stdev from 3 independent experiments. **C-E.** The number of GFP-positive circulating hemocytes from larvae expressing the indicated transgenes driven by Hml-Gal4 was quantified by high-content microscopy. The graph shows mean +/- stdev from a total of 12 larvae from 4 independent experiments (C-D) or from a total of 6 larvae from 3 independent experiments (E). Statistically significant differences are indicated (one-way ANOVA).