



Figure S4: *hsp-4* expression in *gale-1(pv18)* mutant background. Quantification of the expression of *hsp-4* in a wild type and in *gale-1(pv18)* mutant. The fluorescence levels were relative to the mean of *hsp-4::gfp* in a wild type background. For quantification, we analysed 1388×1040 pixel 16-bit greyscale images using ImageJ with the MacBiophotonics plugins. For each individual trial, exposure time was calibrated to avoid saturated pixels for the set of animals. $N > 76$. $P > 0.005$