



**Figure S2: Quantification of fluorescence.** To quantify the fluorescence of individual nematodes, the image of each nematode was cropped out, the colours inverted, their brightness, contrast, and intensity adjusted for both treatment and control (Brightness -17%, Contrast + 71%, Intensity -27%), and the number of pixels per nematode that exceeded an empirically determined number of shades of variance (ranging between 0 - 255) from the background grey were counted and marked on the image using a custom script.