



**Figure S7. CTNS-1-RFP cell soma levels are not significantly affected in the strains used for the *nud-2* experiments.**

**(A)** Drawing illustrates the location and anatomy of the cholinergic motor neurons imaged in this figure. Dashed box outlines the region imaged (both cell somas were imaged together and then combined for quantification).

**(B and C)** Representative, identically-scaled images and quantification of CTNS-1-RFP fluorescence per square micron of the indicated genotypes. Dashed lines and arrowheads on the wild type and *unc-16* representative images indicate cell soma boundaries and CTNS-1-RFP – labeled lysosomes, respectively. CTNS-1-RFP is expressed from the integrated transgene *cels56*. Data are means and SEMs from 13-14 animals. None of the double or triple mutant strains are significantly different from the *unc-16* single mutant.