



**Figure S4 A–D** ODR-3 and GPA-13 trafficking defects in mutant *C. elegans* olfactory neurons. (**A–D**), localization of ODR-3 (A, B) and GPA-13 (C,D) in wild-type (A,C) and *unc-119* mutant (B,D) *C. elegans* olfactory neurons. In wild-type neurons, ODR-3 and GPA-13 (green) traffic normally to the olfactory cilia. In mutant neurons, the G protein subunits are mislocalized (B, ODR-3) or exhibit decreased expression (D, GPA-13).