



Figure 1 – figure supplement 3. Controls for prion-like transmission of mHtt_{ex1} aggregates from presynaptic DA1 ORNs to postsynaptic PNs. (A-D) Confocal z-stacks of DA1 glomeruli from 10 day-old adults expressing (A) Htt_{ex1}Q25-mCherry in DA1 ORNs and Htt_{ex1}Q25-GFP in GH146+ PNs, (B) Htt_{ex1}Q91-mCherry in DA1 ORNs and mCD8-GFP in GH146+ PNs, (C) Htt_{ex1}Q91-mCherry together with Gal80 in DA1 ORNs and Htt_{ex1}Q25-GFP in GH146+ PNs, and (D) Htt_{ex1}Q91-mCherry in DA1 ORNs and Htt_{ex1}Q25-GFP together with QS in GH146+ PNs. mCherry+ surfaces identified by semi-automated image segmentation are shown in the last panels, with Htt_{ex1}Q91-only surfaces in red and Htt_{ex1}Q91+Htt_{ex1}Q25 surfaces in yellow. Scale bars = 10 μm. (E and F) Quantification of (E) Htt_{ex1}Q91 and (F) Htt_{ex1}Q91+Htt_{ex1}Q25 aggregates in the DA1 glomeruli of flies with genotypes shown in (A-D). Data are shown as mean ± SEM. **p < 0.01, ****p < 0.0001 by one-way ANOVA with Tukey's multiple comparisons test.