



Figure 1 – figure supplement 1. mHtt_{ex1} nucleates prion-like conversion of wtHtt_{ex1} in fly neurons. (A-E) Confocal z-stacks of 14 day-old adult female brains expressing (A) Htt_{ex1} Q91-mCherry or (B) Htt_{ex1} Q25-GFP alone, or co-expressing Htt_{ex1} Q91-mCherry with (C) Htt_{ex1} Q25-GFP, (D) membrane-targeted mCD8-GFP, or (E) soluble GFP in all neurons using *elav[C155]-Gal4*. Dimensions of each confocal stack are 250 x 250 x ~60 (xyz) μm. Merged images include DAPI signal (*blue*) to label nuclei. Scale bars = 20 μm. (F) Co-localization of mCherry and GFP fluorescent signals calculated as Pearson's correlation coefficients for genotypes shown in (A-E). Data are shown as mean ± SEM; ****p < 0.0001 by one-way ANOVA with Tukey's multiple comparisons test.