

Figure 7 - figure supplement 1. Controls for monitoring transmission of mHtt_{ex1} aggregates from presynaptic DA1 ORNs to postsynaptic PNs via a glial intermediate. (A-C) Confocal z-stacks (A1, B1, and C1) and single 0.35 µm z-slices (A2, B2, and C2) of DA1 glomeruli from 4-6 day-old adult females expressing (A1-2) Htt_{ex1}Q25-mCherry in DA1 ORNs and Htt_{ex1}Q25-3xHA in repo+ glia, (B1-2) Htt_{ex1}Q25-mCherry in DA1 ORNs and Htt_{ex1}Q25-YFP in GH146+ PNs, or (C1-2) Htt_{ex1}Q25-3xHA in repo+ glia and Htt_{ex1}Q25-YFP in GH146+ PNs. All brains were immunostained with antibodies against all three epitope tags (i.e., mCherry, YFP, and 3xHA) to show specific staining. Scale bars = 10 µm in (A1, B1, and C1) and 5 µm in (A2, B2, and C2). Htt_{ex1}Q25-mCherry (*red*), Htt_{ex1}Q25-3xHA (*blue*), and Htt_{ex1}Q25-YFP (*green*) fluorescence intensity profiles for lines "a" and "b" shown in merged slices (A2, B2, and C2) are shown below images. Lines were scanned from leftmost to rightmost point.