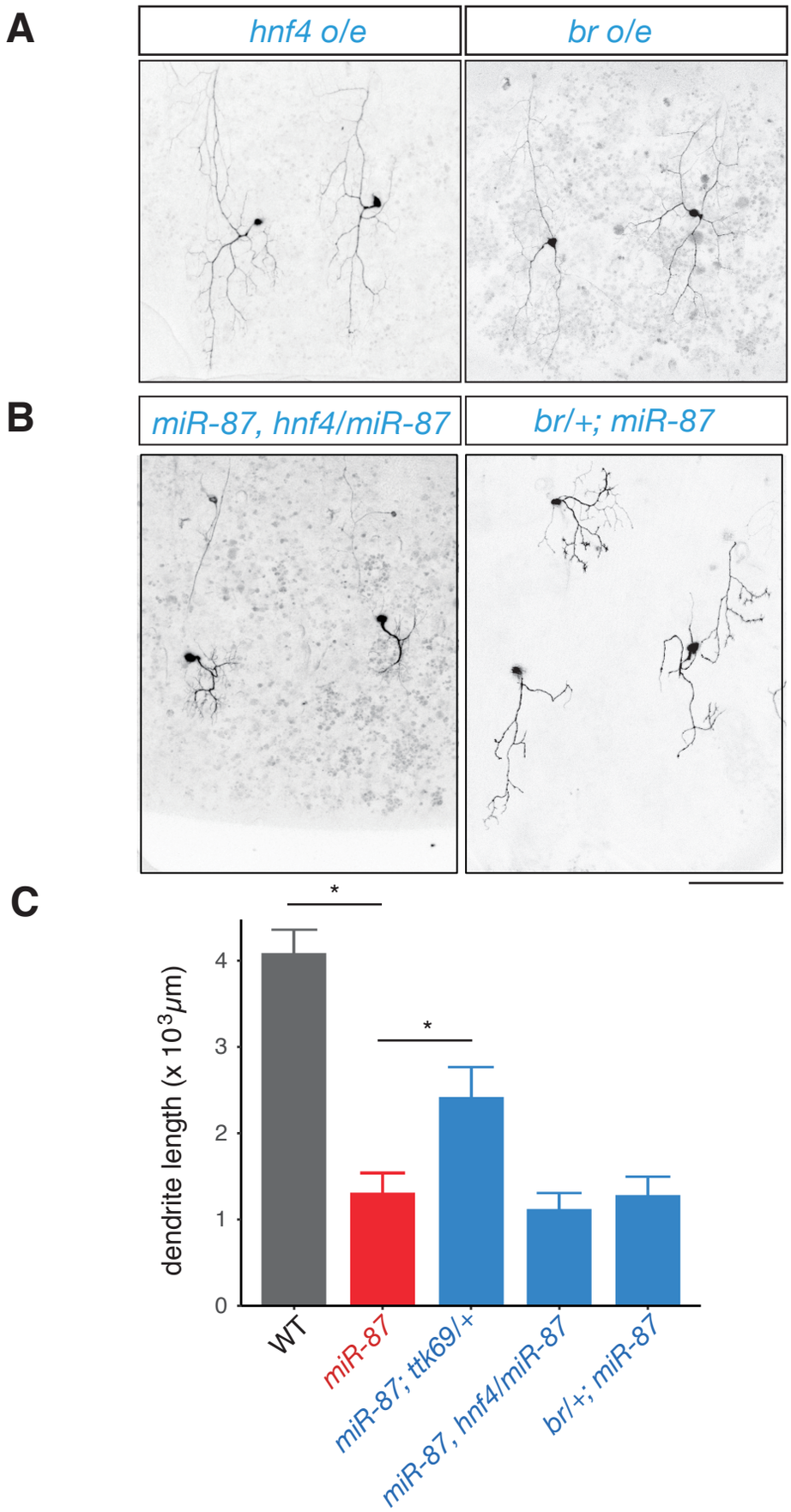

Supplemental Figure S3: *hnf4* and *br* are dispensable for dendrite regeneration defects in *miR-87* neurons.
(A) Overexpression of *hnf4* or *br* causes dendrite regeneration defects. Morphology of *hnf4* overexpressing (*hnf4* o/e) and *br* overexpressing (*br* o/e) dendrites at 72 hr APF. Scale bar = 100 μm. (B) Reduction of *hnf4* or *br* dosage causes no obvious rescue in dendrite regeneration defects in *miR-87* KO C4da neurons. Morphology of *miR-87* KO with reduction of one copy of *hnf4* (*miR-87*, *hnf4*/*miR-87*) or *br* (*br*/+; *miR-87*/*miR-87*) dendrites at 96 hrs APF. Scale bar = 100 μm. (C) Quantification of total dendrite length in control wild-type (WT), *miR-87* KO (*miR-87*), *miR-87* KO with reduction of one copy of *ttk69* (*miR-87*; *ttk69* /-), *miR-87* KO with reduction of one copy of hnf4 (*miR-87*, *hnf4*/*miR-87*), *miR-87* with reduction of one copy of *br* (*br*/+; *miR-87*) dendrites at 96 hrs APF. n = 15, Error bars indicate mean ± S.D., *p<0.01(ANOVA with a post hoc Bonferroni correction).