Title

Stabilizing the Retromer Complex Rescues Synaptic Dysfunction and Endosomal Trafficking Deficits in an Alzheimer's Disease Mouse Model

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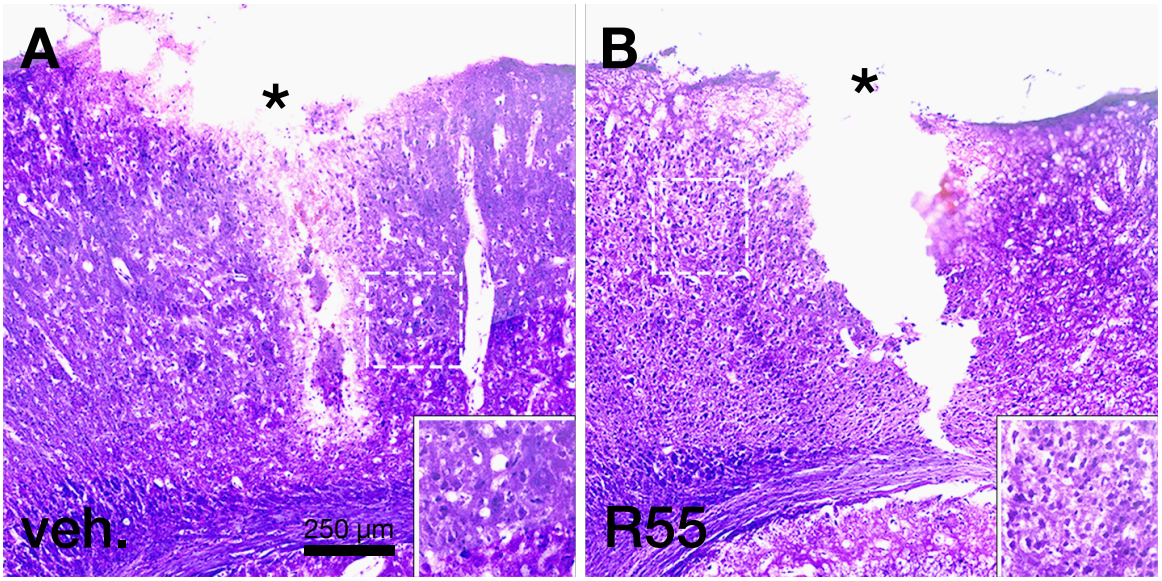
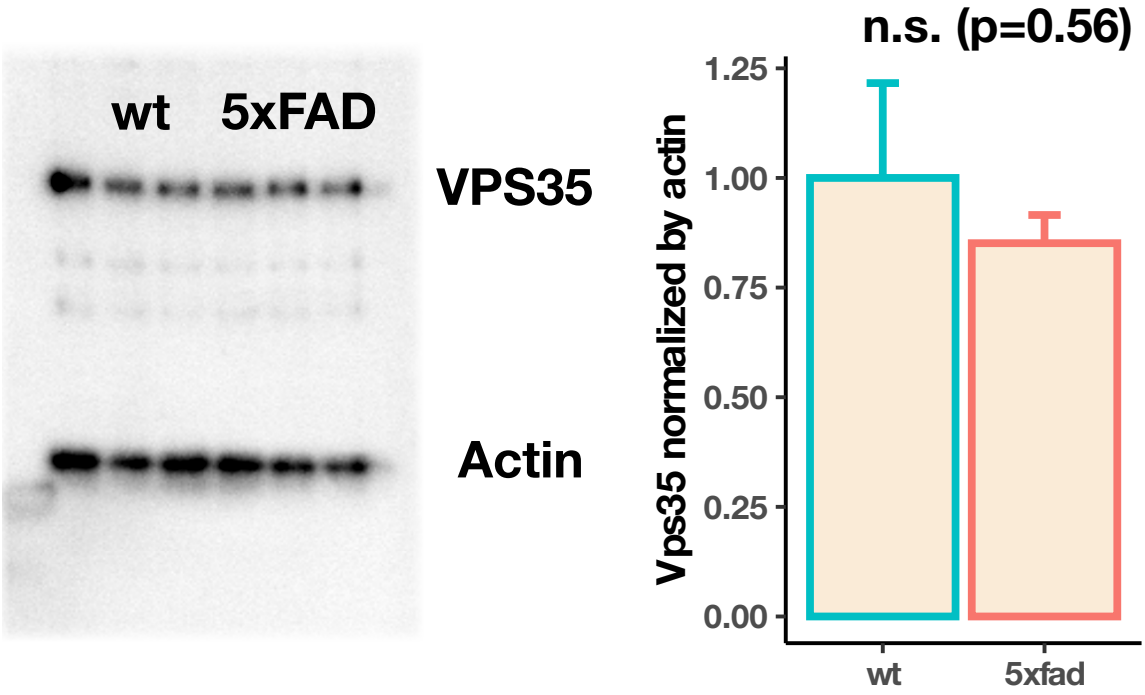
Supplementary figures



Supplementary figure 1 Injection of R55 does not cause toxic damage to the brain tissue. Hematoxylin and eosin staining of sections from the injection site of vehicle (A) or (B) R55 showing the injection canal with intact surrounding tissue without signs of toxicity from the treatments. Inserts showing magnification. Neurons appear with normal morphology after both vehicle and R55 injections, sections from R55 treated animals appeared to have a slight increase in microglia.



Supplementary figure 2 We obtained protein extracts from 5xFAD and WT at 4 months of age, prepared a protein homogenate and blotted against Vps35 antibody and actin. Quantification showed no changes between them.