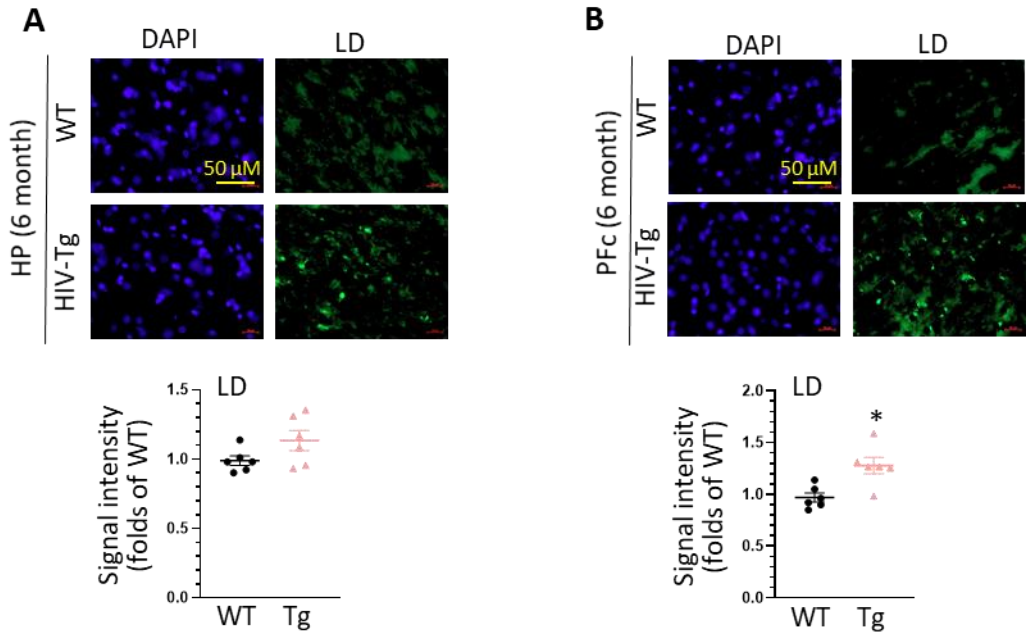
SUPPLEMENTARY DATA

Lipid Droplets Accumulation in the Brain of HIV Transgenic Rat: Implication in the Accelerated Aging of HIV Infected Individuals

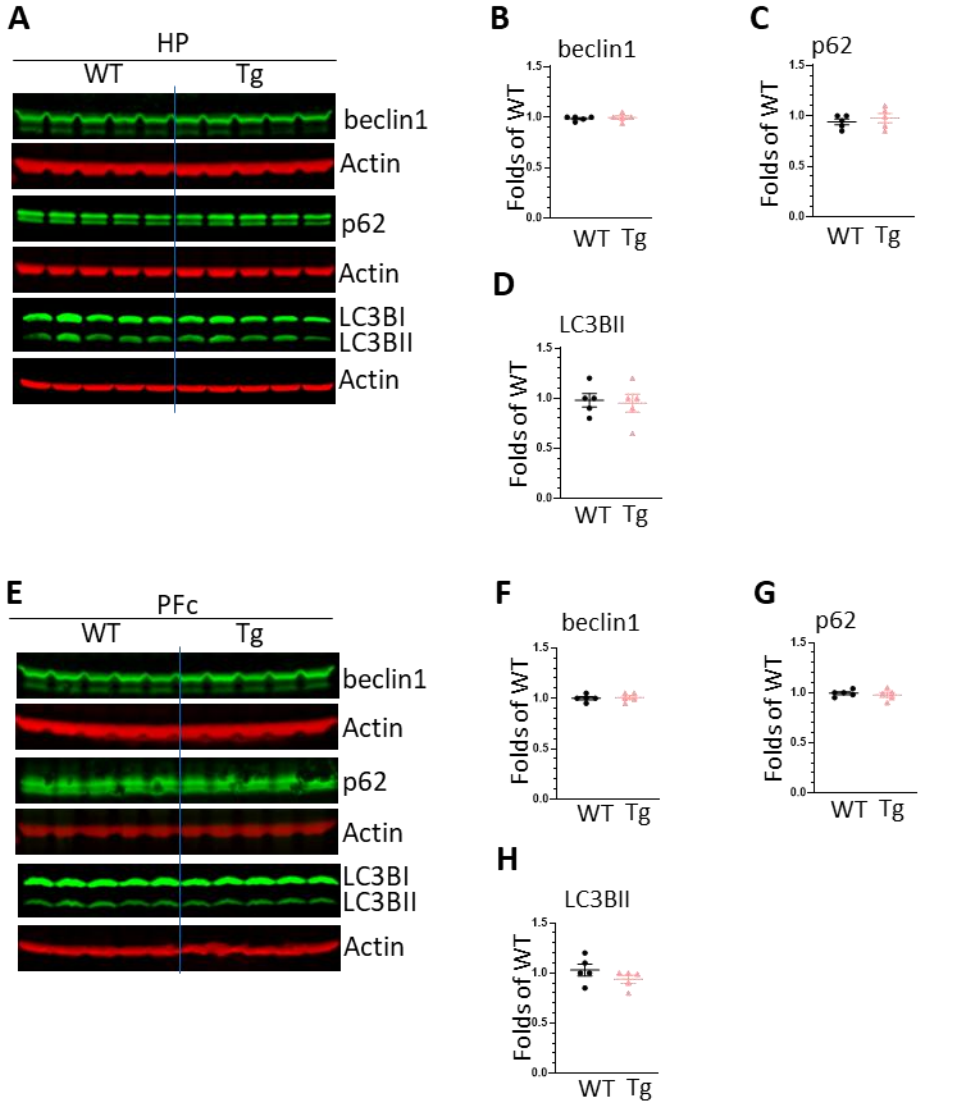
Ming-Lei Guo, Yan Cheng, Damian Martinez Pineda, Rachael E. Dempsey, Lifang Yang

SUPPLEMENTARY DATA



Supplementary Figure 1. LDs accumulation in the brains of WT and HIV-Tg rats at 6-month old: (**A**) LDs accumulation in the HP of WT and HIV-Tg rats (scale bar = 50 μm, P = 0.08); (**B**) LDs accumulation in the PFc of WT and HIV-Tg rats at 6-month old (scale bar = 50 μm, * P < 0.05); Each group contains 3 rats and two slices were selected from each rat (n = 6), unpaired two tail t-test was used for statistical analysis.

SUPPLEMENTARY DATA



Supplementary Figure 2. The expression of autophagy-related molecules in the brains of WT and HIV-Tg rats (12 month old): (**A**) WBs images showing the expression of beclin1, p62, and LC3B in the HP of WT and HIV-Tg rats; (**B**) statistical analysis of beclin1 levels in the HP of WT and HIV-Tg rats; (**C**) statistical analysis of p62 levels in the HP of WT and HIV-Tg rats; (**D**) statistical analysis of LC3BII levels in the HP of WT and HIV-Tg rats; (**E**) WBs images showing the expression of beclin1, p62, LC3B in the PFc of WT and HIV-Tg rats; (**F**) statistical analysis of beclin1 levels in the PFc of WT and HIV-Tg rats; (**G**) statistical analysis of p62 levels in the PFc of WT and HIV-Tg rats; (**H**) statistical analysis of Tau levels in the PFC of WT and HIV-Tg rats. Each group contains 5 rats, unpaired two tail t-test was used for statistical analysis.