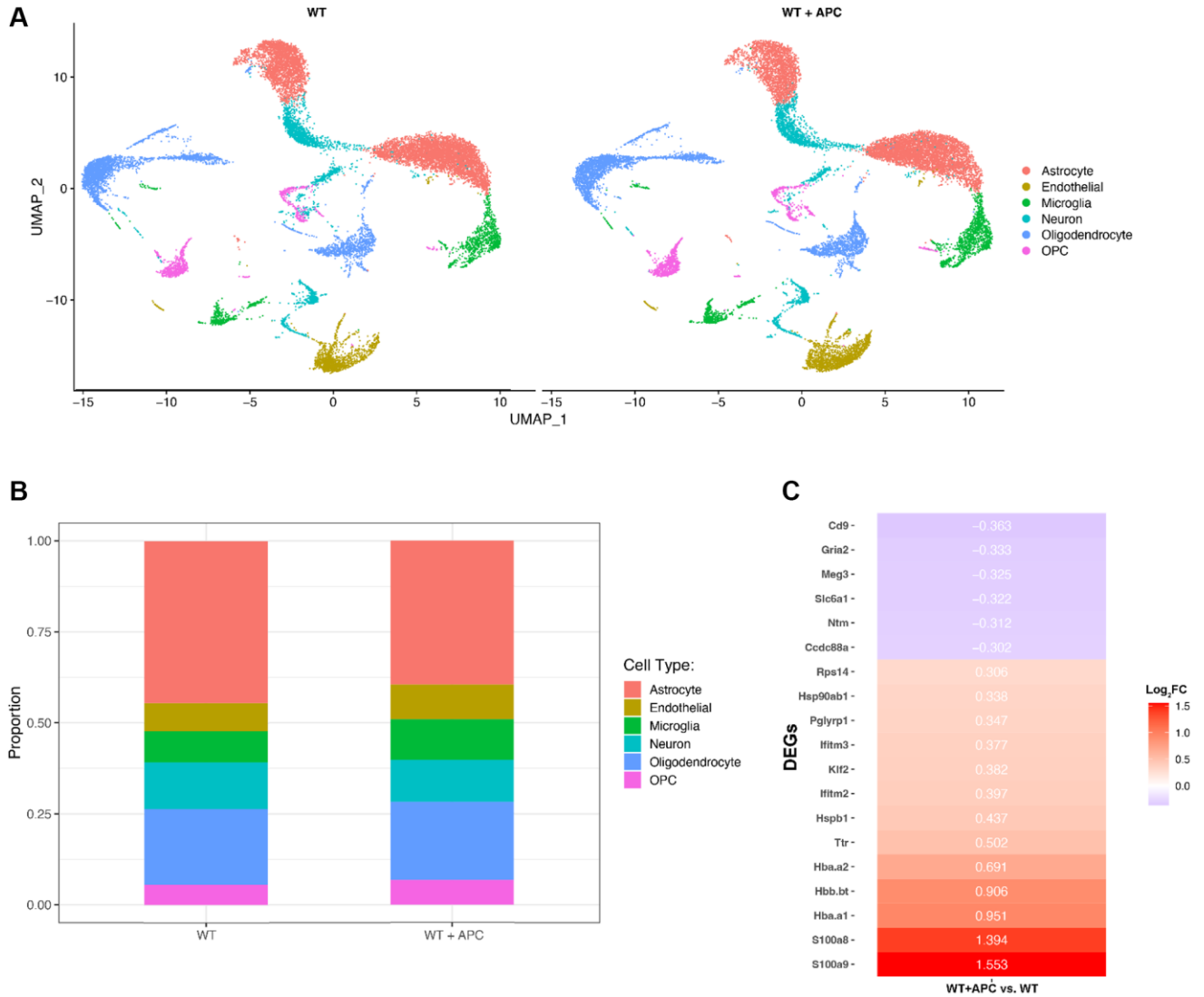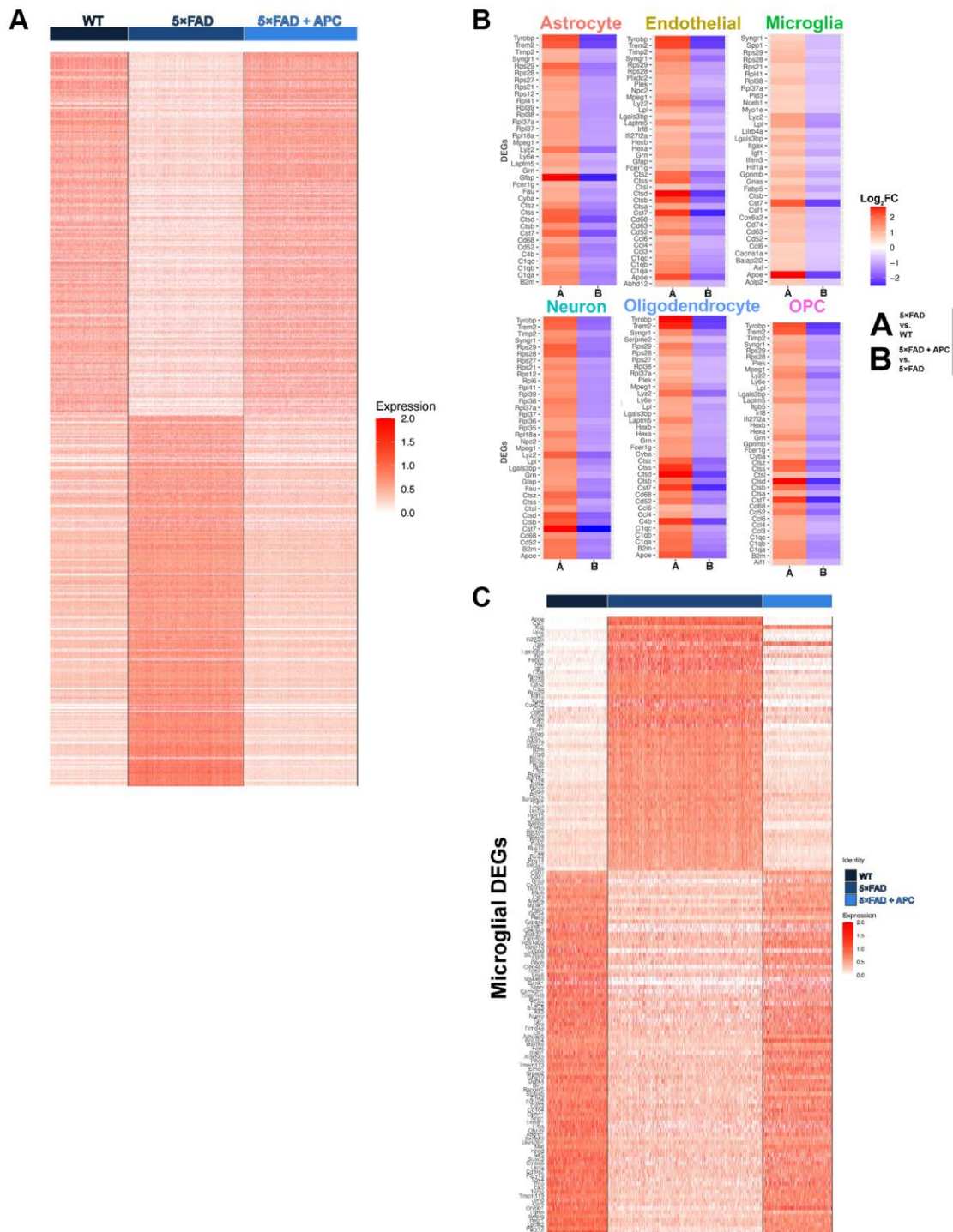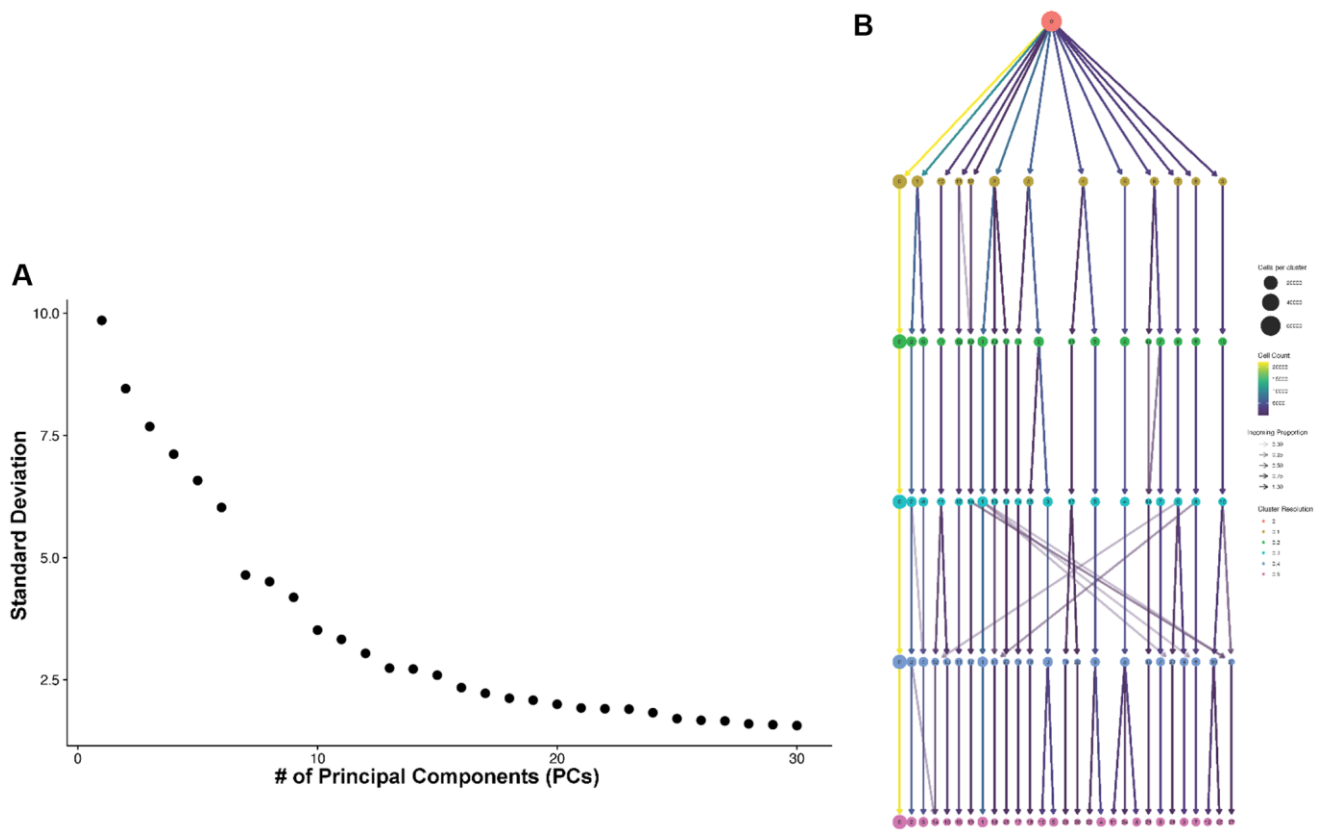# SUPPLEMENTARY FIGURES

Supplementary Figure 1. (**A**) UMAP dimensional plot of control dataset: WT + APC versus WT. (**B**) Proportion of each cell-type observed in each sample of the control dataset. (**C**) Heatmap of all DEGs globally in the control dataset (*p*-value < 0.05).

Supplementary Figure 2. (**A**) Global heatmap of all DEGs in the primary dataset (~500 DEGs) (*p*-value < 0.05). (**B**) Heatmap of top ~30 DEGs found in every cell-type in the primary integrated dataset. (**C**) Heatmap of all DEGs found within the microglial subset (*p*-value < 0.05).

A

B

Supplementary Figure 3. (**A**) Elbow plot of variance per PC in the primary integrated dataset. (**B**) Cluster Tree of unsupervised clustering performed by Seurat.