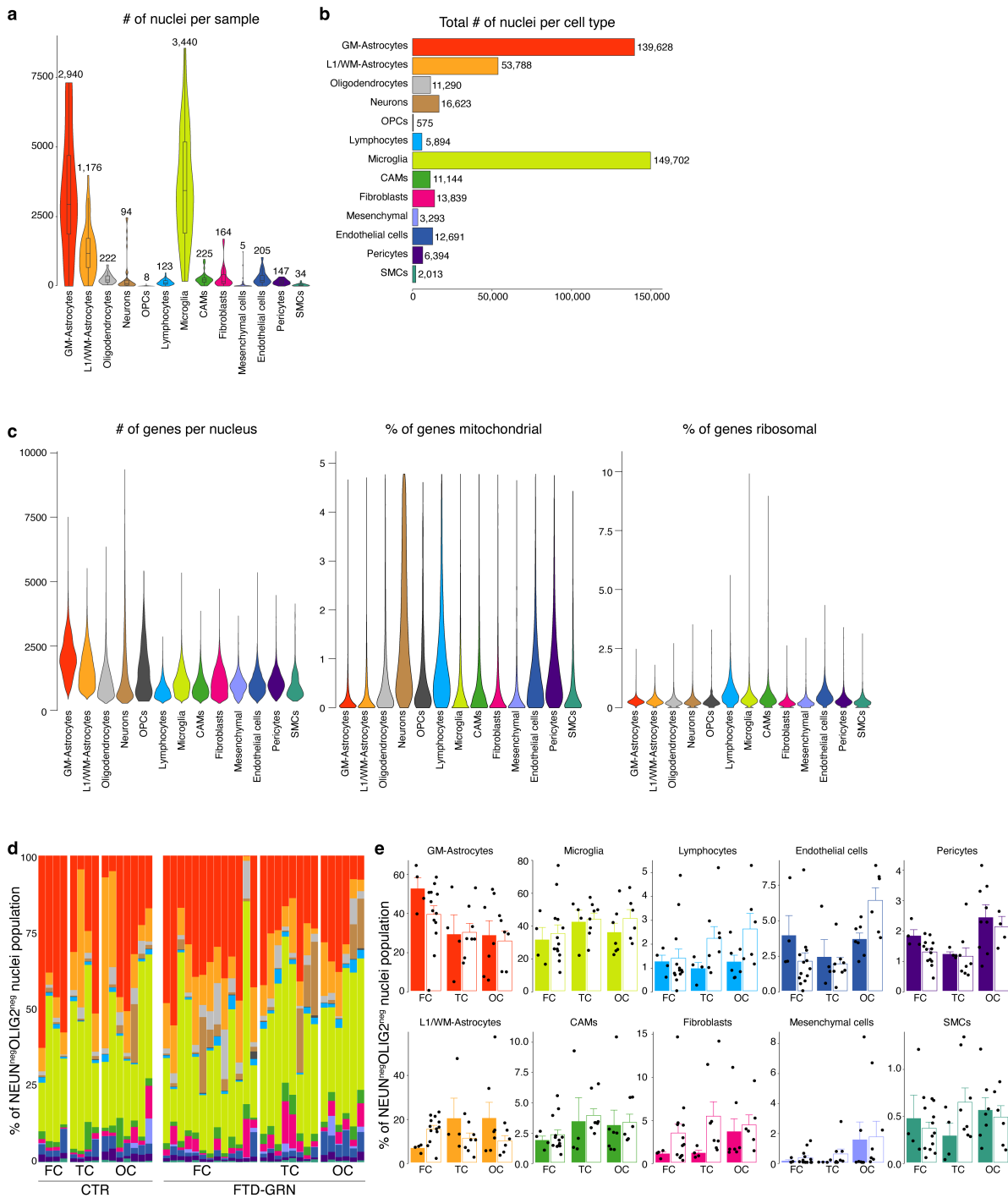

Supplementary information

Neurovascular dysfunction in GRN-associated frontotemporal dementia identified by single-nucleus RNA sequencing of human cerebral cortex

In the format provided by the authors and unedited



Supplementary Figure 1. snRNAseq quality control

Violin plots with box plots depicting the number of nuclei per cell type obtained per sample. Median is indicated above the violins. (b) Barplots depicting the total number of nuclei obtained per cell type across 23 samples. (c) Violin plots depicting the number of detected genes per nucleus, fraction of mitochondrial genes per nucleus and fraction of ribosomal distribution per sample. Color labeling is the same as in Figure 2a (depicting cell type clusters). (e) Barplots depicting relative cell type abundance per group. Black dots are individual samples. Bars depict mean, error bars depict standard error.

Abbreviations: CTR = Control; FTD = Frontotemporal Dementia; FC = Frontal Cortex; TC = Temporal Cortex; OC = Occipital Cortex; CAM = CNS-associated Macrophages; SMC = Smooth Muscle Cell; OPC = Oligodendrocyte Progenitor Cell; GM = Grey Matter; WM = White Matter; L1 = Layer 1.

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