

Description of Additional Supplementary Files

Supplementary Data 1: Mouse metadata and cell/nuclei counts.

Supplementary Data 2: Patient sample information and nuclei counts.

Supplementary Data 3: Mouse oligodendrocyte differential abundance (Milopy) outputs.

Supplementary Data 4: Mouse oligodendrocyte lineage differential gene expression lists.

Supplementary Data 5: Human oligodendrocyte differential abundance (Milopy) outputs.

Supplementary Data 6: Human mature oligodendrocyte differential gene expression lists.

Supplementary Data 7: Human OPC differential gene expression lists.

Supplementary Data 8: Mouse microglia differential abundance (Milopy) outputs

Supplementary Data 9: Mouse microglia and PVM differential gene expression lists.

Supplementary Data 10: Human microglia differential abundance (Milopy) outputs.

Supplementary Data 11: Human microglia differential gene expression lists.