Description of Additional Supplementary Files

Supplementary Data 1 Description: Differential gene expression of cell types in the VS TME

Supplementary Data 2 Description: Gene signatures for cell types identified in studies of murine peripheral nerves

Supplementary Data 3 Description: Somatic variants detected using whole exome sequencing.

Supplementary Data 4 Description: InferCNV HMMI3 region data

Supplementary Data 5 Description: Passing filter copy number altered segments from whole exome sequencing data.

Supplementary Data 6 Description: DEGs of Schwann cell subtypes

Supplementary Data 7 Description: GO BP enrichment among VS-SC subpopulations

Supplementary Data 8 Description: DEGs of stromal cell subpopulations

Supplementary Data 9 Description: DEGs of NK and T-cell subpopulations

Supplementary Data 10 Description: Myeloid cell metaprogram genes

Supplementary Data 11 Description: Imputed Cibersortx cell type fractions

Supplementary Data 12 Description: CellChat Ligand-Receptor Predictions

Supplementary Data 13 Description: Probes added to IDT IDT Exome Hyb Panel v2 for whole exome sequencing.

Supplementary Data 14 Description: Sequencing QC Data

Supplementary Data 15 Description: Single Cell ATAC Sequencing Cell Metadata

Supplementary Data 16 Description: Single Cell RNA Sequencing Cell Metadata