Title: Supplementary Data 1.

**Description:** Mouse DEGs per cell type

Title: Supplementary Data 2.

**Description:** Integrated mouse OPC and OL DEGs

**Title:** Supplementary Data 3.

**Description:** Mouse WGCNA & cWGCNA gene members, WGCNA stats

**Title:** Supplementary Data 4.

Description: Causal network gene members and interactions, IRIS3, LISA.

Title: Supplementary Data 5.

**Description:** ATACseq Tobias differential binding results

**Title:** Supplementary Data 6.

**Description:** Human sample metadata and demographics

**Title:** Supplementary Data 7.

**Description:** Human cluster markers regression CAG by lineage

Title: Supplementary Data 8.

Description: Human DEGs OPC and OL by region, GO, and venn analysis

**Title:** Supplementary Data 9.

**Description:** Human Gene module scores by lineage grade levine clusters

**Title:** Supplementary Data 10. **Description:** R61 genotype DEGs

**Title:** Supplementary Data 11. **Description:** R61 TB v Veh DEGs

**Title:** Supplementary Data 12. **Description:** R61 TB v NT DEGs