

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Differential gene expression analysis results using the bulk RNAseq data

File Name: Supplementary Data 2

Description: WGCNA module eigengenes, module membership, enrichment of cell type marker genes, and correlation with different phenotypes

File Name: Supplementary Data 3

Description: Enriched gene ontology terms in each WGCNA module

File Name: Supplementary Data 4

Description: : Significant differentially expressed genes between PSP and control either at the cluster level using MAST or at a cell type level using a pseudobulk approach based on the snRNAseq dataset

File Name: Supplementary Data 5

Description: Small molecules and gene interaction status, retrieved from DGIdb