

SUPPLEMENTARY FIGURES

Supplementary Figure 1: Cell populations marker genes in human, mouse and rat DRG cells

(A-C) t-SNE overlay for expression of cell population marker genes in human (A) mouse (B) and rat (C).

(D) t-SNE plots of combined 9,509 mouse cells from different data sets (Avraham et al. 2020 and Avraham et al, 2021) separated by color, unbiased clustering (Graph-based) and cell classification.

Supplementary Figure: 2 Similarity of human SGC to Astrocytes and Schwann cells

(A) VENN diagram for genes enriched in human SGC, mature and fetal Astrocytes

(B) Enriched human SGC genes compared to human mySC and nmSC

(C) Enriched human mySC and nmSC compared to mouse mySC and nmSC

(D) Enriched human SGC compared to subclusters of mouse SGC

SUPPLEMENTARY TABLES

Supplementary Table 1

Genes enriched in human, mouse and rat SGC (compared to all other cell types in the DRG (ANOVA fold change threshold >1.5)

Supplementary Table 2

Genes enriched in human SGC, mature and fetal Astrocytes

Supplementary Table 3

Genes enriched in human SGC, mySC and nmSC

Supplementary Table 4

Genes enriched in human and mouse mySC and nmSC

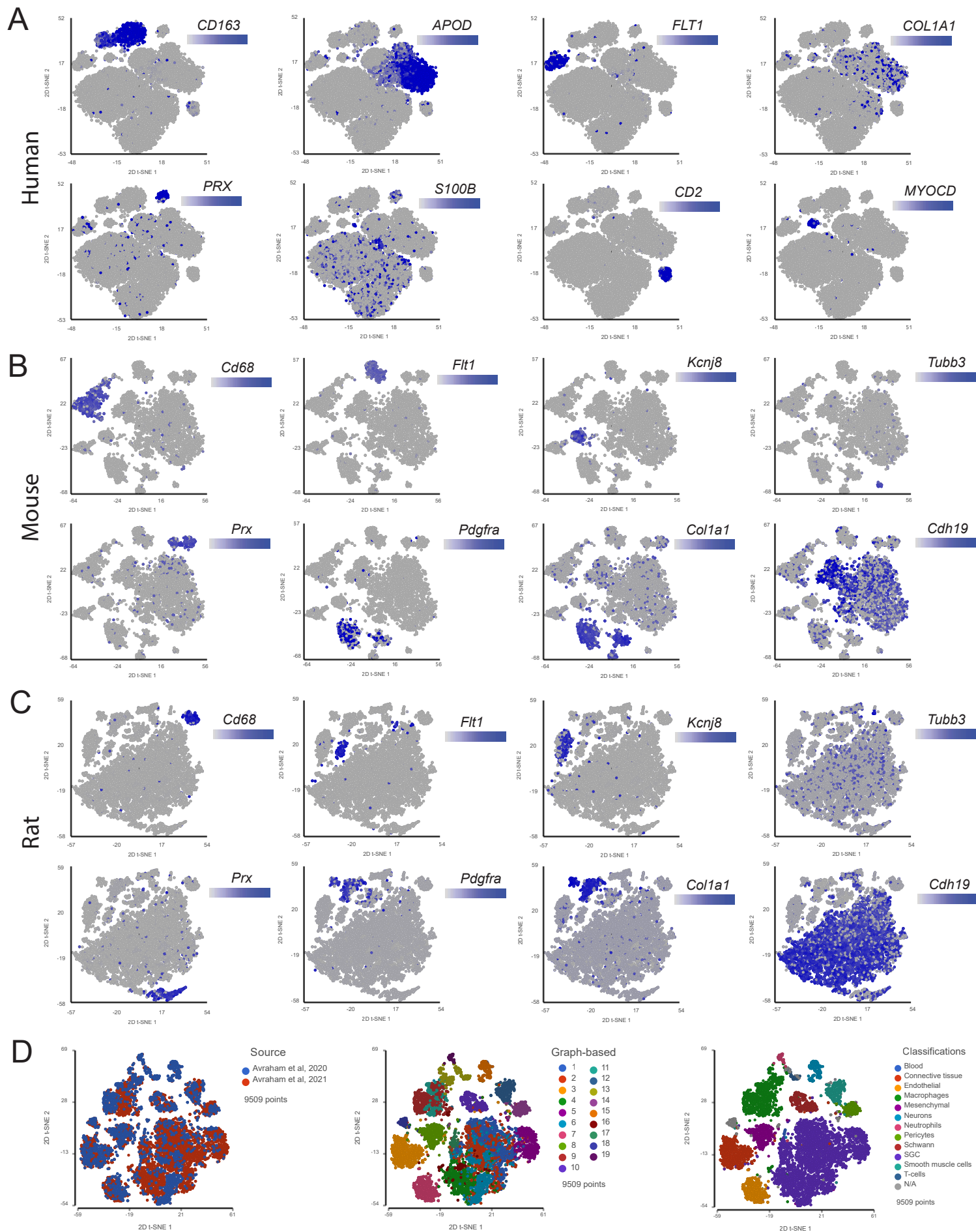
Supplementary Table 5

Genes enriched in subclusters of mouse SGC

Supplementary Table 6

Enriched channels and receptors genes in human, mouse and rat SGC

Supplementary Figure 1



Supplementary Figure 2

