

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: DEGs in specific cell populations: Sham vs. SNI Groups.

File name: Supplementary Data 2

Description: Spatial ligand_receptor pairs in SC identified by stLearn.

File name: Supplementary Data 3

Description: AUC values of spatial canonical signaling pathways in SC.

File name: Supplementary Data 4

Description: AUC values of cell-type specific canonical signaling pathways.

File name: Supplementary Data 5

Description: Regional and cell distribution-specific signaling pathways in the spinal cord.

File name: Supplementary Data 6

Description: Ligand_receptor pairs between DRG afferent and SC cells identified by Cellchat.