

Description of Additional Supplementary Files

Supplementary Data

- **Supplementary Data 1**
 - Results of gene set enrichment analyses (GSEA) of patient scRNA-seq data with MSigDB Hallmark collection comparing HFC vs. LFC within tumor cells (**a**), myeloid cells (**b**), lymphoid cells (**c**), and astrocytes (**d**).
- **Supplementary Data 2**
 - Antibody panels used in multi-color flow cytometry (**a–h**).

Supplementary Movies

- **Supplementary Movie 1**
 - Live-cell calcium imaging from neuron-only condition.
- **Supplementary Movie 2**
 - Live-cell calcium imaging from neurons co-cultured with SB28-TSP1-WT cells.
- **Supplementary Movie 3**
 - Live-cell calcium imaging from neurons co-cultured with SB28-TSP1-KO cells.