

# Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

## Cytosplore Viewer

RRID:SCR\_018330

Type: Tool

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### Proper Citation

Cytosplore Viewer (RRID:SCR\_018330)

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### Resource Information

**URL:** <https://viewer.cytosplore.org/>

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**Description:** Web based interactive visual analysis system for exploration of single cell data published in Allen Cell Types Database and for number of single cell data resources of Brain Initiative Single Cell Network. Allows interactive exploration of hierarchies of cell types, visualization of transcriptome wide gene expression in combination with metadata of individual cells, performing differential analyses and statistics between manual selections of cells, or between pre-defined clusters throughout cellular hierarchy and more.

**Resource Type:** analysis service resource, data access protocol, production service resource, service resource, software resource, web service

**Keywords:** BICCN, visualization, transcriptomics, single cell data, gene expression, metadata, analysis, statistic, cellular hierarchy, Cytosplore

**Availability:** Free, Available for download, Freely available

**Resource Name:** Cytosplore Viewer

**Resource ID:** SCR\_018330

**License URLs:** <https://alleninstitute.org/legal/terms-use/>

**Record Creation Time:** 20220129T080339+0000

**Record Last Update:** 20260905T132834+0000

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### Ratings and Alerts

No rating or validation information has been found for Cytosplore Viewer.

No alerts have been found for Cytosplore Viewer.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Liu XP, et al. (2026) Morphoelectric Diversity and Specialization of Neuronal Cell Types in the Primate Striatum. bioRxiv : the preprint server for biology.

Ripp L, et al. (2026) Comprehensive Assessment of Druggable Targets in Cortical Neurons Reveals Biological Limits of Cell Type-Specific Neuropharmacology. Biomedicines, 14(4).

Song Y, et al. (2025) Microbiota-derived H<sub>2</sub>S induces c-kit<sup>+</sup> cDC1 autophagic cell death and liver inflammation in metabolic dysfunction-associated steatohepatitis. Nature communications, 16(1), 2222.

Johansen NJ, et al. (2025) Cross-species consensus atlas of the primate basal ganglia. bioRxiv : the preprint server for biology.

Sherman J, et al. (2024) Ultrasound pulse repetition frequency preferentially activates different neuron populations independent of cell type. Journal of neural engineering, 21(5).

Langguth M, et al. (2024) TIMP-1 is an activator of MHC-I expression in myeloid dendritic cells with implications for tumor immunogenicity. Genes and immunity, 25(3), 188.

Zhang Y, et al. (2023) Reference-based cell type matching of in situ image-based spatial transcriptomics data on primary visual cortex of mouse brain. Scientific reports, 13(1), 9567.

Hawrylycz M, et al. (2023) A guide to the BRAIN Initiative Cell Census Network data ecosystem. PLoS biology, 21(6), e3002133.

Lodge DJ, et al. (2023) Discrete hippocampal projections are differentially regulated by parvalbumin and somatostatin interneurons. Nature communications, 14(1), 6653.

Li C, et al. (2023) SpaceWalker enables interactive gradient exploration for spatial transcriptomics data. Cell reports methods, 3(12), 100645.

Gargiulo E, et al. (2023) Extracellular Vesicle Secretion by Leukemia Cells In Vivo Promotes CLL Progression by Hampering Antitumor T-cell Responses. Blood cancer discovery, 4(1), 54.

Koppejan H, et al. (2023) Spondyloarthritis mass cytometry immuno-monitoring: a proof of concept study in the tight-control and treat-to target TiCoSpA trial. Clinical rheumatology,

42(9), 2387.

Jorstad NL, et al. (2023) Comparative transcriptomics reveals human-specific cortical features. *Science* (New York, N.Y.), 382(6667), eade9516.

Bakken TE, et al. (2021) Comparative cellular analysis of motor cortex in human, marmoset and mouse. *Nature*, 598(7879), 111.

Damele L, et al. (2021) EZH1/2 Inhibitors Favor ILC3 Development from Human HSPC-CD34+ Cells. *Cancers*, 13(2).

van der Veen B, et al. (2021) Control of impulsivity by Gi-protein signalling in layer-5 pyramidal neurons of the anterior cingulate cortex. *Communications biology*, 4(1), 662.

van Hooren L, et al. (2021) Agonistic CD40 therapy induces tertiary lymphoid structures but impairs responses to checkpoint blockade in glioma. *Nature communications*, 12(1), 4127.

Sellau J, et al. (2020) Androgens predispose males to monocyte-mediated immunopathology by inducing the expression of leukocyte recruitment factor CXCL1. *Nature communications*, 11(1), 3459.

Beyranvand Nejad E, et al. (2020) Lack of myeloid cell infiltration as an acquired resistance strategy to immunotherapy. *Journal for immunotherapy of cancer*, 8(2).