

Resource Summary Report

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Loupe Browser

RRID:SCR_018555

Type: Tool

Proper Citation

Loupe Browser (RRID:SCR_018555)

Resource Information

URL: <https://support.10xgenomics.com/single-cell-gene-expression/software/visualization/latest/what-is-loupe-cell-browser>

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Description: Desktop application that provides interactive visualization functionality to analyze data from different 10x Genomics solutions. Used to interrogate different views of 10x data to gain insights into underlying biology.

Synonyms: Loupe Cell Browser 4.0

Resource Type: data processing software, software application, software resource, data analysis software

Keywords: Interactive visualization, data analysis, 10x Genomics solutions, data

Availability: Restricted

Resource Name: Loupe Browser

Resource ID: SCR_018555

License URLs: <https://support.10xgenomics.com/single-cell-gene-expression/software/downloads/latest#loupe>

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260805T044425+0000

Ratings and Alerts

No rating or validation information has been found for Loupe Browser.

No alerts have been found for Loupe Browser.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 146 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Banstola A, et al. (2026) Light Metabolically Reprograms CD8+ T Cells to Potentiate STING-Driven Tumor Eradication and Prevent Metastasis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(1), e15121.

Periyakoil PK, et al. (2025) Deep topic modeling of spatial transcriptomics in the rheumatoid arthritis synovium identifies distinct classes of ectopic lymphoid structures. *bioRxiv : the preprint server for biology*.

Gao H, et al. (2025) Transplantation of the MSLN-deficient Thymus Generates MSLN Epitope Reactive T Cells to Attenuate Tumor Progression. *Cancer science*, 116(4), 871.

Nishi K, et al. (2025) Spatial transcriptomics of the epipharynx in long COVID identifies SARS-CoV-2 signalling pathways and the therapeutic potential of epipharyngeal abrasive therapy. *Scientific reports*, 15(1), 8618.

Radlicka-Borysewska A, et al. (2025) L-DOPA Induces Spatially Discrete Changes in Gene Expression in the Forebrain of Mice with a Progressive Loss of Dopaminergic Neurons. *Molecular neurobiology*, 62(9), 11466.

Elhamamsy A, et al. (2025) Hypoxic stress incites HIF1 α -driven ribosome biogenesis that can be exploited by targeting RNA Polymerase I. *Nature communications*, 16(1), 8018.

Hossain K, et al. (2025) In mice, discrete odors can selectively promote the neurogenesis of sensory neuron subtypes that they stimulate. *eLife*, 13.

Holden JM, et al. (2025) Chronic hyperglycemia alters retinal astrocyte microstructure and uptake of cholera toxin B in a murine model of diabetes. *Journal of neurochemistry*, 169(1), e16237.

Albee AW, et al. (2025) Single-cell RNA sequencing defines developmental progression and reproductive transitions of *Pneumocystis carinii*. *Microbiology spectrum*, 13(10), e0127725.

Furudate K, et al. (2025) Spatial colocalization and molecular crosstalk of myofibroblastic CAFs and tumor cells shape lymph node metastasis in oral squamous cell carcinoma. *PLoS genetics*, 21(9), e1011791.

Pan X, et al. (2025) NFATc1 regulates LAG3+CD8+ T cells in the spleen of mice infected with *Plasmodium yoelii* NSM. *PLoS neglected tropical diseases*, 19(10), e0013605.

Lau VWC, et al. (2025) Remodelling of the immune landscape by IFN γ counteracts IFN γ -dependent tumour escape in mouse tumour models. *Nature communications*, 16(1), 2.

Michmerhuizen NL, et al. (2025) KAT6A and KAT7 Histone Acetyltransferase Complexes Are Molecular Dependencies and Therapeutic Targets in NUP98-Rearranged Acute Myeloid Leukemia. *Cancer discovery*, 15(10), 2096.

Chen Y, et al. (2025) Spatial transcriptomics combined with single-nucleus RNA sequencing reveals glial cell heterogeneity in the human spinal cord. *Neural regeneration research*, 20(11), 3302.

Naher S, et al. (2025) Kinesin-like motor protein KIF23 maintains neural stem and progenitor cell pools in the developing cortex. *The EMBO journal*, 44(2), 331.

Zhang W, et al. (2025) Role of hepatocyte RIPK1 in maintaining liver homeostasis during metabolic challenges. *eLife*, 13.

Levinger R, et al. (2025) Single-cell and Spatial Transcriptomics Illuminate Bat Immunity and Barrier Tissue Evolution. *Molecular biology and evolution*, 42(2).

Utsumi T, et al. (2025) AXL-Mediated Drug Resistance in ALK-Rearranged NSCLC Enhanced by GAS6 From Macrophages and MMP11 Positive Fibroblasts. *Cancer science*, 116(4), 1034.

Weiß A, et al. (2025) Exploring Intratumoral Heterogeneity in Mixed Neuroendocrine-Nonneuroendocrine Neoplasms with Spatial Transcriptomics: Even More Diverse Than Anticipated. *Endocrine pathology*, 36(1), 29.

Landreth KM, et al. (2025) Age-Related Changes in Myeloid Cells and Their Impact on Subcutaneous Melanoma Growth in Mice. *Aging and cancer*, 6(3), 71.