

Resource Summary Report

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10x Genomics: Chromium X Single Cell Analyzer

RRID:SCR_024537

Type: Tool

Proper Citation

10x Genomics: Chromium X Single Cell Analyzer (RRID:SCR_024537)

Resource Information

URL: <https://www.10xgenomics.com/instruments/chromium-x-series>

Proper Citation: 10x Genomics: Chromium X Single Cell Analyzer (RRID:SCR_024537)

Description: Analyzer used for high throughput full range single cell analysis. Chromium X runs high-throughput assays. It runs all single cell assays, including high-throughput assays for Single Cell Immune Profiling and Single Cell Gene Expression.

Synonyms: 10X Genomics Chromium X, Chromium X Single Cell Analyzer, Chromium X

Resource Type: instrument resource

Keywords: high throughput full range single cell analysis, high throughput assays, single cell assays, Single Cell Immune Profiling, Single Cell Gene Expression, instrument, equipment

Availability: Restricted

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_024537.pdf

Resource Name: 10x Genomics: Chromium X Single Cell Analyzer

Resource ID: SCR_024537

Alternate URLs: https://pages.10xgenomics.com/rs/446-PBO-704/images/10x_LIT000139_Chromium-X_Brochure_Digital.pdf

Record Creation Time: 20231004T050232+0000

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Ratings and Alerts

No rating or validation information has been found for 10x Genomics: Chromium X Single Cell Analyzer.

No alerts have been found for 10x Genomics: Chromium X Single Cell Analyzer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Xie L, et al. (2026) Preclinical Characterization and Clinical Activity of RNK08954, a Highly Selective and Orally Bioavailable KRASG12D Inhibitor. Cancer discovery, 16(5), 895.

Lassila M, et al. (2026) Progressive intestinal tumor cell plasticity, Myc activation, and loss of Lgr5+ tumor stem cell lineage commitment upon Wnt depletion. Science advances, 12(28), eaeb8564.

Li S, et al. (2026) PRECISE: A Prognostic Thyrocyte-Derived Gene Signature for Papillary Thyroid Carcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(13), 2667.

Yadav S, et al. (2026) A triple-node heart-brain neuroimmune loop underlying myocardial infarction. Cell, 189(3), 800.

Sandoval TA, et al. (2026) Chemoradiation Reprograms Tumor Cells and the Immune Microenvironment in Cervical Cancer. Cancer research, 86(7), 1639.

Turnquist A, et al. (2026) PI3K?? inhibition alters CD8 T cell differentiation and reprograms the tumor microenvironment following adoptive immunotherapy. Journal of immunology (Baltimore, Md. : 1950), 215(5).

Nagel L, et al. (2026) Gene expression adaptation of metastases to their host tissue. iScience, 29(8), 116744.

Micoli G, et al. (2025) Decoding the Genomic and Functional Landscape of Emerging Subtypes in Ovarian Cancer. Cancer discovery, 15(11), 2262.

Kallio P, et al. (2025) A Multipotent PROX1+ Tumor Stem/Progenitor Cell Population Emerges during Intestinal Tumorigenesis and Mediates Radioresistance in Colorectal Cancer. Cancer research, 85(23), 4616.

Ennis CS, et al. (2025) Plasma exosomes from individuals with type 2 diabetes drive breast cancer aggression in patient-derived organoids. Communications biology, 8(1), 1276.

Zhou W, et al. (2025) Unveiling a Novel Glioblastoma Deep Molecular Profiling: Insight into the Cancer Cell Differentiation-Related Mechanisms. *ACS omega*, 10(10), 10230.

Greene M, et al. (2025) A developmental program of early residency promotes the differentiation of divergent uterine NK cell subsets in humans. *bioRxiv : the preprint server for biology*.

Wenzel MC, et al. (2025) Single-cell analysis of Barrett's esophagus and carcinoma reveals cell types conferring risk via genetic predisposition. *Cell genomics*, 100980.

van der Heide V, et al. (2025) Prolonged but finite antigen presentation promotes reversible defects of "helpless" memory CD8⁺ T cells. *Immunity*, 58(7), 1742.

Strati P, et al. (2025) A Phase I Trial of Evorpaccept, Lenalidomide, and Rituximab for Patients with B-Cell Non-Hodgkin Lymphoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(19), 4079.

Zhang Y, et al. (2024) A biphenotypic lymphocyte subset displays both T- and B-cell functionalities. *Communications biology*, 7(1), 28.

Wang Y, et al. (2024) Integrated transcriptomics of human blood vessels defines a spatially controlled niche for early mesenchymal progenitor cells. *Developmental cell*, 59(20), 2687.

Ramirez MD, et al. (2024) Cellular-resolution gene expression mapping reveals organization in the head ganglia of the gastropod, *Berghia stephanieae*. *The Journal of comparative neurology*, 532(6), e25628.

Huang R, et al. (2021) Identification of Key eRNAs for Spinal Cord Injury by Integrated Multinomial Bioinformatics Analysis. *Frontiers in cell and developmental biology*, 9, 728242.