

Resource Summary Report

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10x Genomics Cellranger DNA

RRID:SCR_023221

Type: Tool

Proper Citation

10x Genomics Cellranger DNA (RRID:SCR_023221)

Resource Information

URL: <https://support.10xgenomics.com/single-cell-dna/software/pipelines/latest/what-is-cell-ranger-dna>

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Description: Software analysis pipelines that process Chromium single cell DNA sequencing output to align reads, identify copy number variation, and compare heterogeneity among cells. Used in processing of single cell DNA sequencing performed on 10x Chromium platform.

Synonyms: Cell Ranger DNA, 10x Genomics Cellranger DNA software, 10x Genomics Cellranger software

Resource Type: software toolkit, software resource

Keywords: 10x Chromium platform, single cell DNA sequencing processing, Chromium single cell DNA sequencing, align reads, identify copy number variation, compare heterogeneity among cells,

Availability: Restricted

Resource Name: 10x Genomics Cellranger DNA

Resource ID: SCR_023221

Record Creation Time: 20230202T050240+0000

Record Last Update: 20260810T040814+0000

Ratings and Alerts

No rating or validation information has been found for 10x Genomics Cellranger DNA.

No alerts have been found for 10x Genomics Cellranger DNA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 92 mentions in open access literature.

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

Anilkumar Sithara A, et al. (2026) Composition and Functional State of T and NK Cells in the Extramedullary Myeloma Tumor Microenvironment. *Blood cancer discovery*, 7(2), 250.

Bassiouni R, et al. (2026) Integrated Single-Cell Whole-Genome Sequencing and Spatial Transcriptomics Reveal Intratumoral Heterogeneity in Ovarian Cancer. *Cancer research communications*, 6(5), 1020.

Subramanian A, et al. (2026) Analysis of cranial tenocyte heterogeneity reveals a role for Wnt signaling in tendon attachments. *Development (Cambridge, England)*, 153(2).

Rosenbaum E, et al. (2026) Tumor and Immune Dynamics Following Sequential CDK4/6 and PD-1 Inhibition: Results from a Phase 2 Study in Dedifferentiated Liposarcoma. *Cancer research communications*, 6(2), 437.

Vanneste D, et al. (2026) MafB is a conserved transcriptional regulator of macrophage development and functional identity across tissues and species. *Immunity*, 59(3), 559.

Sierra-Rodero B, et al. (2026) Decoding B-cell Signatures of Complete Pathologic Response to Perioperative Chemoimmunotherapy in Non-Small Cell Lung Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(8), 1499.

Chen Z, et al. (2026) Targeting TPX2-dependent lineage plasticity by CDK4/6 inhibition reverses therapy resistance in neuroendocrine bladder carcinoma. *Cell reports. Medicine*, 7(4), 102712.

Huang Z, et al. (2026) Single-dose psilocybin promotes cell-type-specific changes of neurons in the orbitofrontal cortex. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 23(1), e00841.

Williams JS, et al. (2026) Patient-derived pediatric brain tumor orthotopic xenografts and tumor organoids faithfully recapitulate primary tumors. *Science advances*, 12(16), eaea4966.

Zhang Y, et al. (2026) Stem cell control in the lung by an autocrine injury-activated Igf complex. *Science (New York, N.Y.)*, 392(6795), eadt1310.

Kureshi CTS, et al. (2026) Dendritic cell redundancy enables priming of anti-tumor CD4+ T cells in pancreatic cancer. *Cancer cell*, 44(7), 1381.

Fenoglio S, et al. (2026) Temporal control of sgRNA library activation unlocks large-scale in vivo CRISPR screens. *Cell reports methods*, 6(7), 101470.

Jani S, et al. (2026) Circulating Neoantigen- and Viral Oncoprotein-Specific CD8+ T Cells Share a Transcriptional Signature. *Cancer immunology research*, 14(1), 22.

Foidart P, et al. (2026) Whole-genome doubling drives immune evasion by silencing antigen presentation. *Cancer cell*, 44(7), 1418.

Xu X, et al. (2026) A Multistep Immune-Competent Genetically Engineered Mouse Model Reveals Phenotypic Plasticity in Uveal Melanoma. *Cancer research*, 86(15), 3666.

Iriki H, et al. (2026) Induction of human pruriceptors from pluripotent stem cells via transcription factors. *Stem cell reports*, 103004.

Yan X, et al. (2026) Activation of T Cell-Intrinsic p53 by Acetylation Elicits Antitumor Immunity to Boost Cancer Immunotherapy. *Cancer discovery*, 16(1), 155.

Huang AY, et al. (2026) Somatic cancer variants enriched in Alzheimer's disease microglia-like cells drive inflammatory and proliferative states. *Cell*, 189(12), 3719.

Tabilas C, et al. (2026) Single-cell gene expression and TCR profiling reveal age-related differences in recent thymic emigrants. *iScience*, 29(5), 115582.

Hattori-Muroi K, et al. (2026) Dietary soy shapes the microbiome to induce commensal-specific T follicular helper cells and IgA production. *Immunity*, 59(6), 1616.