

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 7, 2024

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>

Proper Citation: 10x Genomics Cellranger DNA (RRID:SCR_023221)

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 resource, software toolkit

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

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 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Danev N, et al. (2024) Comparative transcriptomic analysis of bovine mesenchymal stromal cells reveals tissue-source and species-specific differences. *iScience*, 27(2), 108886.

Tagliatti E, et al. (2024) Trem2 expression in microglia is required to maintain normal neuronal bioenergetics during development. *Immunity*, 57(1), 86.

Dibra D, et al. (2024) Mutant p53 protects triple-negative breast adenocarcinomas from ferroptosis in vivo. *Science advances*, 10(7), eadk1835.

Millet A, et al. (2024) An exhausted-like microglial population accumulates in aged and APOE4 genotype Alzheimer's brains. *Immunity*, 57(1), 153.

Armendariz DA, et al. (2023) CHD-associated enhancers shape human cardiomyocyte lineage commitment. *eLife*, 12.

Abdel-Hafiz HA, et al. (2023) Single-cell profiling of murine bladder cancer identifies sex-specific transcriptional signatures with prognostic relevance. *iScience*, 26(9), 107703.

Ali LR, et al. (2023) PD-1 blockade induces reactivation of non-productive T cell responses characterized by NF- κ B signaling in patients with pancreatic cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*.

Elizaldi SR, et al. (2023) Deep analysis of CD4 T cells in the rhesus CNS during SIV infection. *PLoS pathogens*, 19(12), e1011844.

Wei KH, et al. (2023) Comparative single-cell profiling reveals distinct cardiac resident macrophages essential for zebrafish heart regeneration. *eLife*, 12.

Elizaldi SR, et al. (2023) CD4 T cell Responses in the CNS during SIV infection. *bioRxiv : the preprint server for biology*.

Walsh MJ, et al. (2023) IFN γ is a central node of cancer immune equilibrium. *Cell reports*, 42(3), 112219.

Zhang J, et al. (2023) Jarid2 promotes temporal progression of retinal progenitors via

repression of Foxp1. Cell reports, 42(3), 112237.

Salvador AFM, et al. (2023) Age-dependent immune and lymphatic responses after spinal cord injury. Neuron, 111(14), 2155.

Garcia-Diaz C, et al. (2023) Glioblastoma cell fate is differentially regulated by the microenvironments of the tumor bulk and infiltrative margin. Cell reports, 42(5), 112472.

Aso H, et al. (2022) Single-cell transcriptome analysis illuminating the characteristics of species-specific innate immune responses against viral infections. GigaScience, 12.