

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

SCIGA

RRID:SCR_021002

Type: Tool

Proper Citation

SCIGA (RRID:SCR_021002)

Resource Information

URL: <https://github.com/sciencic/SCIGA>

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Description: Software Perl toolkit for 10X single cell immunoglobulin repertoires analysis. Uses raw reads or output of Cellranger as input and performs reads quality control, immunoglobulin sequence assembly, sequence annotation, heavy- and light- chain pairing, computing statistics and visualizing.

Synonyms: SCIGA_v1.0.0.tar.gz

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

Keywords: 10X single cell immunoglobulin repertoires analysis, quality control, immunoglobulin sequence assembly, sequence annotation, heavy and light chain pairing, computing statistics, visualizing.

Availability: Free, Available for download, Freely available

Resource Name: SCIGA

Resource ID: SCR_021002

Alternate IDs: biotools:sciga

Alternate URLs: <https://bio.tools/sciga>

License: GNU GPL v3.0

Record Creation Time: 20220129T080353+0000

Record Last Update: 20260912T195949+0000

Ratings and Alerts

No rating or validation information has been found for SCIGA.

No alerts have been found for SCIGA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Li J, et al. (2025) Pharmacological rescue of mutant p53 triggers spontaneous tumor regression via immune responses. *Cell reports. Medicine*, 6(3), 101976.

Pi??a Y, et al. (2025) Phase IB study of Avelumab and whole brain radiotherapy in patients with leptomeningeal disease from solid tumors: Results and molecular analyses. *Neuro-oncology*, 27(12), 3237.

Eroglu Z, et al. (2024) Combined BRAF, MEK, and heat-shock protein 90 inhibition in advanced BRAF V600-mutant melanoma. *Cancer*, 130(2), 232.

Haydar D, et al. (2023) CAR T-cell Design-dependent Remodeling of the Brain Tumor Immune Microenvironment Modulates Tumor-associated Macrophages and Anti-glioma Activity. *Cancer research communications*, 3(12), 2430.

Wu C, et al. (2023) Prediction of cellular targets in diabetic kidney diseases with single-cell transcriptomic analysis of db/db mouse kidneys. *Journal of cell communication and signaling*, 17(1), 169.

Hu H, et al. (2022) Dental niche cells directly contribute to tooth reconstitution and morphogenesis. *Cell reports*, 41(10), 111737.

Li J, et al. (2022) Single-cell Characterization of the Cellular Landscape of Acral Melanoma Identifies Novel Targets for Immunotherapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(10), 2131.

Gu W, et al. (2022) SATB2 preserves colon stem cell identity and mediates ileum-colon conversion via enhancer remodeling. *Cell stem cell*, 29(1), 101.

Wang X, et al. (2021) Dysregulated hematopoiesis in bone marrow marks severe COVID-19. *Cell discovery*, 7(1), 60.

Ye H, et al. (2021) SCIGA: Software for large-scale, single-cell immunoglobulin repertoire analysis. *GigaScience*, 10(9).