

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

scRepertoire

RRID:SCR_025691

Type: Tool

Proper Citation

scRepertoire (RRID:SCR_025691)

Resource Information

URL: <https://www.borch.dev/uploads/screpertoire/>

Proper Citation: scRepertoire (RRID:SCR_025691)

Description: Software R toolkit for analyzing single-cell immune repertoire profiling. Used for single-cell immune receptor analysis.

Resource Type: software toolkit, software resource

Defining Citation: [PMID:32789006](#)

Keywords: single-cell immune receptor analysis, single-cell immune repertoire profiling,

Funding: NCI CA206255

Availability: Free, Available for download, Freely available

Resource Name: scRepertoire

Resource ID: SCR_025691

Alternate URLs: <https://bioconductor.org/packages/release/bioc/html/scRepertoire.html>

License: MIT license

Record Creation Time: 20240905T053251+0000

Record Last Update: 20260815T183220+0000

Ratings and Alerts

No rating or validation information has been found for scRepertoire.

No alerts have been found for scRepertoire.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 87 mentions in open access literature.

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

DiLisio JE, et al. (2026) Antigen-specific immunotherapy with a CD4+ T cell neoepitope restrains CD8+ T cell differentiation in murine pancreatic islet grafts. *Nature communications*, 17(1).

Li S, et al. (2026) Lung mucosal and systemic responses at single-cell resolution in an aerosolized *Mycobacterium bovis* BCG human challenge model. *Cell reports. Medicine*, 7(6), 102830.

Hobson R, et al. (2026) Clonal CD8+ T cells populate the leptomeninges and coordinate with immune cells in human degenerative brain diseases. *Nature immunology*, 27(2), 323.

Ibáñez-Molero S, et al. (2026) Tumour-reactive heterotypic CD8 T cell clusters from clinical samples. *Nature*, 649(8096), 467.

Savage G, et al. (2026) Phenotypic Characterization and Prognostic Impact of CD103+ Tissue-Resident Memory T Cells in Diffuse Large B-cell Lymphoma. *Cancer immunology research*, 14(2), 291.

Su Z, et al. (2026) Unveiling personalised targets of PD-1 blockade hyperprogression in a cervical adenocarcinoma via longitudinal single-cell and spatial monitoring. *NPJ precision oncology*, 10(1), 64.

Johnson LA, et al. (2026) Clonal expansion of cytotoxic CD8+ T cells in lecanemab-associated ARIA. *Nature communications*, 17(1).

Bader CS, et al. (2026) Regulatory-like FOXP3+Helios+CD4+ T conventional cells correlate with T-cell activation after Orca-T immunotherapy. *Blood*, 147(21), 2489.

Wu Y, et al. (2026) Anti-CD3 mAb treatment reshapes infiltrating T and $\gamma\delta$ T cells in the islets in autoimmune diabetes. *JCI insight*, 11(2).

Sirc N, et al. (2026) Functionally Characterizing the Renal Cell Carcinoma Tumor-Immune Microenvironment via Patient-Derived Ex Vivo Models. *Cancer research communications*, 6(2), 402.

Li YD, et al. (2026) Long-acting interleukin-7 improves the efficacy of oncolytic viral therapy in glioblastoma. *Nature communications*, 17(1).

Levan J, et al. (2026) Congenital cytomegalovirus infection drives oligoclonal expansion of cytotoxic $\gamma\delta$ T cells from early fetal progenitors. *Journal of immunology (Baltimore, Md. : 1950)*, 215(6).

Maerz MD, et al. (2026) BCG vaccination induces antibacterial effector functions among V α 1/3 T cells that are associated with protection against tuberculosis. *Cell reports. Medicine*, 102536.

Long H, et al. (2026) Type I interferon drives dysfunction of a distinct CD8⁺ HLA-DRB1⁺ T cell subset in systemic lupus erythematosus. *medRxiv : the preprint server for health sciences*.

Foers AD, et al. (2026) Tissue resident memory T cells populate the human uveal tract. *Scientific reports*, 16(1).

Mensah NE, et al. (2026) Single-cell transcriptomics identifies regulatory T cell heterogeneity in gestational diabetes mellitus. *Communications medicine*, 6(1).

Zhao J, et al. (2026) A monocyte-centered framework for predicting immunochemotherapy efficacy in lung squamous cell carcinoma patients. *EMBO molecular medicine*, 18(5), 1812.

Al Souz J, et al. (2026) Organ injury in systemic autoimmunity is mediated by stem-like CD8⁺ T cells arising from tissue-draining lymph nodes. *Immunity*, 59(6), 1667.

Zeng Q, et al. (2026) Intratumoral Tertiary Lymphoid Structures Characterized by a B Cell-Related Signature Elicit Antitumor Effect through HAPLN3 in Hepatocellular Carcinoma. *Cancer immunology research*, 14(5), 771.

Chen K, et al. (2026) Identification of a distinct cluster of LY6E⁺ macrophages in esophageal squamous cell carcinoma: functional phenotype, spatial interaction, and prognostic significance. *British journal of cancer*, 135(3), 382.