

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 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: 20260729T044626+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 62 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kim MW, et al. (2025) Endogenous self-peptides guard immune privilege of the central nervous system. *Nature*, 637(8044), 176.

Lin J, et al. (2025) Tertiary Lymphoid Structures are Linked to Enhanced Antitumor Immunity and Better Prognosis in Muscle-Invasive Bladder Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(7), e2410998.

Montagne JM, et al. (2025) CD137 agonism enhances anti-PD1 induced activation of expanded CD8+ T cell clones in a neoadjuvant pancreatic cancer clinical trial. *iScience*, 28(1), 111569.

Yang Q, et al. (2025) scRepertoire 2: Enhanced and efficient toolkit for single-cell immune profiling. *PLoS computational biology*, 21(6), e1012760.

Lu IN, et al. (2025) The CXCL16/CXCR6 axis is linked to immune effector cell-associated neurotoxicity in chimeric antigen receptor (CAR) T cell therapy. *Genome medicine*, 17(1), 71.

Scott JM, et al. (2025) Case Report: Decentralized trial of tolerability-adapted exercise therapy after severe Covid-19. *Frontiers in immunology*, 16, 1529385.

Perriot S, et al. (2025) Neuron-reactive KIR+CD8+ T cells display an encephalitogenic transcriptional program in autoimmune encephalitis. *Nature communications*, 16(1), 8568.

Lin X, et al. (2025) Uncovering the immune mechanisms underlying the emergence of immunotherapy-induced pneumonitis in lung cancer patients. *Nature communications*, 16(1), 11645.

Nelson CS, et al. (2025) The inflammaging microenvironment induces dysfunctional rewiring of Tfh cell differentiation. *JCI insight*, 10(8).

Wang F, et al. (2025) An age-related decrease in leptin contributes to CD8+ T cell aging in the tumor microenvironment. *Cell reports. Medicine*, 6(9), 102310.

Han X, et al. (2025) Peanut allergy oral immunotherapy drives single-cell multi-omic changes in peanut-reactive T cells associated with sustained unresponsiveness. *Nature immunology*, 26(12), 2328.

Batlle-Masó L, et al. (2025) Somatic reversion in CD137 deficiency correlating with Epstein-Barr virus control and clinical improvement. *NPJ genomic medicine*, 10(1), 78.

Zhang L, et al. (2025) Distinct immune cell dynamics associated with immune-related adverse events during combined chemoradiation and immune checkpoint inhibitor therapy. *Nature communications*, 16(1), 11565.

Ansari A, et al. (2025) Distinct features of a peripheral T helper subset that drives the B cell response in dengue virus infection. *Cell reports*, 44(3), 115366.

Siebert K, et al. (2025) Endoscopic healing in pediatric IBD perpetuates a persistent signature defined by Th17 cells with molecular and microbial drivers of disease. *Cell reports. Medicine*, 6(7), 102236.

Pan T, et al. (2025) Cilta-cel salvages ide-cel failure in relapsed multiple myeloma by driving distinct immune responses. *medRxiv : the preprint server for health sciences*.

Rivera CA, et al. (2025) Endogenous retroelements promote tolerance to dietary antigens. *bioRxiv : the preprint server for biology*.

Cao G, et al. (2025) Oligoclonal tumor-specific CD8 T-cell revival and IRE1 α /XBP1-GDF15-mediated immunosuppressive niches determine neoadjuvant chemoimmunotherapy efficacy in cervical cancer. *Journal for immunotherapy of cancer*, 13(11).

Chang E, et al. (2025) CD4 T cell dysfunction is associated with bacterial recrudescence during chronic tuberculosis. *Nature communications*, 16(1), 2636.

Inamo J, et al. (2025) Comparative single-cell and spatial profiling of anti-SSA-positive and anti-centromere-positive Sjögren's disease reveals common and distinct immune activation and fibroblast-mediated inflammation. *Nature communications*, 16(1), 8299.