Resource Summary Report

Generated by NIF on Apr 22, 2025

SPICE

RRID:SCR_016603
Type: Tool

Proper Citation

SPICE (RRID:SCR_016603)

Resource Information

URL: https://niaid.github.io/spice/

Proper Citation: SPICE (RRID:SCR_016603)

Description: Software application for data mining and visualization. Used for analyzes of large FLOWJO data sets from polychromatic flow cytometry and organizing the normalized data graphically.

Abbreviations: SPICE

Synonyms: Simplified Presentation of Incredibly Complex Evaluations

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

Defining Citation: PMID:21265010

Keywords: data, mining, visualization, analysis, polychromatic, flow, cytometry, dataset, normalized, graphically, bio.tools

Funding: NIAID ;
NIH

Availability: Free, Available for download, Freely available

Resource Name: SPICE

Resource ID: SCR_016603

Alternate IDs: biotools:spice

Alternate URLs: https://bio.tools/spice

Record Creation Time: 20220129T080331+0000

Record Last Update: 20250422T055940+0000

Ratings and Alerts

No rating or validation information has been found for SPICE.

No alerts have been found for SPICE.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 57 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Medoro AK, et al. (2024) T cell responses and clinical symptoms among infants with congenital cytomegalovirus infection. JCI insight, 9(18).

Soto CA, et al. (2024) The Lactate Receptor GPR81 is a Mechanism of Leukemia-Associated Macrophage Polarization in the Bone Marrow Microenvironment. bioRxiv : the preprint server for biology.

Dimitri AJ, et al. (2024) TET2 regulates early and late transitions in exhausted CD8+ T cell differentiation and limits CAR T cell function. Science advances, 10(46), eadp9371.

Vijayan A, et al. (2024) A self-amplifying RNA RSV prefusion-F vaccine elicits potent immunity in pre-exposed and naïve non-human primates. Nature communications, 15(1), 9884.

Brunet-Ratnasingham E, et al. (2024) Sustained IFN signaling is associated with delayed development of SARS-CoV-2-specific immunity. Nature communications, 15(1), 4177.

Audran R, et al. (2024) Immunomodulation profile of the biosimilar trastuzumab MYL-1401O in a bioequivalence phase I study. Scientific reports, 14(1), 12872.

Duette G, et al. (2023) Highly Networked SARS-CoV-2 Peptides Elicit T Cell Responses with Enhanced Specificity. ImmunoHorizons, 7(6), 508.

Cai C, et al. (2023) SARS-CoV-2 vaccination enhances the effector qualities of spike-specific T cells induced by COVID-19. Science immunology, 8(90), eadh0687.

Alam K, et al. (2023) Antigen-Specific Intraocular Cytokine Responses Distinguish Ocular Tuberculosis From Undifferentiated Uveitis in Tuberculosis-Immunoreactive Patients. American journal of ophthalmology, 246, 31.

Capone S, et al. (2023) GRAd-COV2 vaccine provides potent and durable humoral and cellular immunity to SARS-CoV-2 in randomized placebo-controlled phase 2 trial. Cell reports. Medicine, 4(6), 101084.

Cabral-Piccin MP, et al. (2023) Primary role of type I interferons for the induction of functionally optimal antigen-specific CD8+ T cells in HIV infection. EBioMedicine, 91, 104557.

Omidvari N, et al. (2023) First-in-human immunoPET imaging of COVID-19 convalescent patients using dynamic total-body PET and a CD8-targeted minibody. medRxiv : the preprint server for health sciences.

Poli MC, et al. (2023) A Third Dose of SARS-CoV-2 mRNA Vaccine Improves Immune Response in Chronic Kidney Disease Patients. Vaccines, 11(5).

Qian Y, et al. (2023) MCT4-dependent lactate secretion suppresses antitumor immunity in LKB1-deficient lung adenocarcinoma. Cancer cell, 41(7), 1363.

Darrah PA, et al. (2023) Airway T cells are a correlate of i.v. Bacille Calmette-Guerin-mediated protection against tuberculosis in rhesus macaques. Cell host & microbe, 31(6), 962.

Ciani Y, et al. (2022) Allele-specific genomic data elucidate the role of somatic gain and copy-number neutral loss of heterozygosity in cancer. Cell systems, 13(2), 183.

Rakshit S, et al. (2022) BCG revaccination qualitatively and quantitatively enhances SARS-CoV-2 spike-specific neutralizing antibody and T cell responses induced by the COVISHIELDTM vaccine in SARS-CoV-2 seronegative young Indian adults. Research square.

Brunet-Ratnasingham E, et al. (2022) Immune checkpoint expression on HIV-specific CD4+ T cells and response to their blockade are dependent on lineage and function. EBioMedicine, 84, 104254.

Herrera FG, et al. (2022) Low-Dose Radiotherapy Reverses Tumor Immune Desertification and Resistance to Immunotherapy. Cancer discovery, 12(1), 108.

Barman S, et al. (2022) Shaping Neonatal Immunization by Tuning the Delivery of Synergistic Adjuvants via Nanocarriers. ACS chemical biology, 17(9), 2559.