Resource Summary Report

Generated by SPARC SAWG on Sep 12, 2026

shazam

RRID:SCR_024301
Type: Tool

Proper Citation

shazam (RRID:SCR_024301)

Resource Information

URL: https://cran.r-project.org/web/packages/shazam/index.html

Proper Citation: shazam (RRID:SCR_024301)

Description: Software R package provides computational framework for analyzing mutations in immunoglobulin sequences. Immunoglobulin Somatic Hypermutation Analysis.

Resource Type: software resource, software toolkit

Keywords: computational framework, analyzing mutations, immunoglobulin sequences,

Availability: Free, Available for download, Freely available,

Resource Name: shazam

Resource ID: SCR_024301

Alternate IDs: OMICS_29370

Alternate URLs: https://sources.debian.org/src/r-cran-shazam/

License: AGPL-3

Record Creation Time: 20230830T050217+0000

Record Last Update: 20260912T200117+0000

Ratings and Alerts

No rating or validation information has been found for shazam.

No alerts have been found for shazam.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Wang C, et al. (2026) Single-cell and repertoire profiling reveals immune remodelling in paediatric upper airway: insights from adenoid hypertrophy. Clinical & translational immunology, 15(6), e70101.

Lee J, et al. (2026) Robust effector memory features of human T-bethi B cells induced by repeated mRNA vaccination. iScience, 29(2), 114804.

Nathan N, et al. (2026) Tumor-draining lymph nodes in ovarian cancer lack germinal centers but harbor tumor-reactive memory B cells clonally linked to intra-tumoral B cells. Immunity, 59(6), 1743.

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.

Ramezani-Rad P, et al. (2025) The saponin monophosphoryl lipid A nanoparticle adjuvant induces dose-dependent HIV vaccine responses in nonhuman primates. The Journal of clinical investigation, 135(8).

Rosenfeld R, et al. (2025) Efficient Identification of Monoclonal Antibodies Against Rift Valley Fever Virus Using High-Throughput Single Lymphocyte Transcriptomics of Immunized Mice. Antibodies (Basel, Switzerland), 14(1).

Madden PJ, et al. (2025) Diverse priming outcomes under conditions of very rare precursor B cells. Immunity, 58(4), 997.

Varano G, et al. (2025) B-cell Receptor Silencing Reveals the Origin and Dependencies of High-Grade B-cell Lymphomas with MYC and BCL2 Rearrangements. Blood cancer discovery, 6(4), 364.

Ramezani-Rad P, et al. (2025) Vaccination with an mRNA-encoded membrane-bound HIV envelope trimer induces neutralizing antibodies in animal models. Science translational medicine, 17(809), eadw0721.

Kotagiri P, et al. (2025) Disease-specific B cell clones are shared between patients with Crohn's disease. Nature communications, 16(1), 3689.

Dumm W, et al. (2025) Leveraging DAGs to improve context-sensitive and abundance-aware tree estimation. Philosophical transactions of the Royal Society of London. Series B, Biological sciences, 380(1919), 20230315.

Risley CA, et al. (2025) Transcription factor T-bet regulates the maintenance and differentiation potential of lymph node and lung effector memory B cell subsets. Immunity, 58(7), 1706.

McGrath JJC, et al. (2025) Mutability and hypermutation antagonize immunoglobulin codon optimality. Molecular cell, 85(2), 430.

Fantin RF, et al. (2024) Dissecting human monoclonal antibody responses from mRNA- and protein-based XBB.1.5 COVID-19 monovalent vaccines. bioRxiv : the preprint server for biology.

Sanchez GM, et al. (2024) Aberrant zonal recycling of germinal center B cells impairs appropriate selection in lupus. Cell reports, 43(11), 114978.

McIntire KM, et al. (2024) Maturation of germinal center B cells after influenza virus vaccination in humans. The Journal of experimental medicine, 221(8).

Verma S, et al. (2024) Antigen-level resolution of commensal-specific B cell responses can be enabled by phage display screening coupled with B cell tetramers. Immunity, 57(6), 1428.

Asashima H, et al. (2023) PD-1highCXCR5-CD4+ peripheral helper T??cells promote CXCR3+ plasmablasts in human acute viral infection. Cell reports, 42(1), 111895.

Phung I, et al. (2023) A combined adjuvant approach primes robust germinal center responses and humoral immunity in non-human primates. Nature communications, 14(1), 7107.

Jensen CG, et al. (2023) Inferring B cell phylogenies from paired heavy and light chain BCR sequences with Dowser. bioRxiv : the preprint server for biology.