Resource Summary Report

Generated by NIF on Jul 31, 2026

IGoR

RRID:SCR_024053
Type: Tool

Proper Citation

IGoR (RRID:SCR_024053)

Resource Information

URL: https://github.com/qmarcou/IGoR/

Proper Citation: IGoR (RRID:SCR_024053)

Description: C++ software designed to infer V(D)J recombination related processes from sequencing data.

Synonyms: Inference and Generation Of Repertoires, igor

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

Defining Citation: PMID:29422654

Keywords: infer V(D)J recombination related processes, sequencing data,

Availability: Free, Available for download, Freely available,

Resource Name: IGoR

Resource ID: SCR_024053

Alternate IDs: OMICS_18534

Alternate URLs: https://sources.debian.org/src/igor/, https://qmarcou.github.io/IGoR/

License: GPL-3.0 license

Record Creation Time: 20230824T050211+0000

Record Last Update: 20260731T043153+0000

Ratings and Alerts

No rating or validation information has been found for IGoR.

No alerts have been found for IGoR.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Russell ML, et al. (2024) Statistical analysis of repertoire data demonstrates the influence of microhomology in V(D)J recombination. bioRxiv : the preprint server for biology.

Lê Quý K, et al. (2024) Benchmarking and integrating human B-cell receptor genomic and antibody proteomic profiling. NPJ systems biology and applications, 10(1), 73.

Huang J, et al. (2024) Bioinformatics tools and resources for cancer and application. Chinese medical journal, 137(17), 2052.

Camaglia F, et al. (2023) Quantifying changes in the T cell receptor repertoire during thymic development. eLife, 12.

Shah RK, et al. (2023) Utilizing immunogenomic approaches to prioritize targetable neoantigens for personalized cancer immunotherapy. Frontiers in immunology, 14, 1301100.

Ruiz Ortega M, et al. (2023) Modeling and predicting the overlap of B- and T-cell receptor repertoires in healthy and SARS-CoV-2 infected individuals. PLoS genetics, 19(2), e1010652.

Russell ML, et al. (2023) Statistical inference reveals the role of length, GC content, and local sequence in V(D)J nucleotide trimming. eLife, 12.

Yin N, et al. (2023) Functional and developmental changes in the inner hair cell ribbon synapses caused by Myosin VI knockout and deafness-inducing point mutation. Cell death discovery, 9(1), 177.

Slabodkin A, et al. (2021) Individualized VDJ recombination predisposes the available Ig sequence space. Genome research, 31(12), 2209.

Liu L, et al. (2021) Chemistry of Atmospheric Fine Particles During the COVID-19 Pandemic in a Megacity of Eastern China. Geophysical research letters, 48(2), 2020GL091611.

Davatolhagh MF, et al. (2021) Neurexin1? differentially regulates synaptic efficacy within striatal circuits. Cell reports, 34(8), 108773.

de Greef PC, et al. (2020) The naive T-cell receptor repertoire has an extremely broad distribution of clone sizes. eLife, 9.

Vogalis F, et al. (2005) Ionic conductances in sustentacular cells of the mouse olfactory epithelium. The Journal of physiology, 562(Pt 3), 785.