

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 18, 2026

IgDiscover

RRID:SCR_024037

Type: Tool

Proper Citation

IgDiscover (RRID:SCR_024037)

Resource Information

URL: <https://docs.igdiscover.se/en/stable/>

Proper Citation: IgDiscover (RRID:SCR_024037)

Description: Software to analyze antibody repertoires and discover new V genes from high-throughput sequencing reads. Heavy chains, kappa and lambda light chains are supported (to discover VH, VK and VL genes)., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16, 2025.

Synonyms: igdiscover

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

Defining Citation: [PMID:27995928](#)

Keywords: analyze antibody repertoires, discover new V genes, high-throughput sequencing reads,

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: IgDiscover

Resource ID: SCR_024037

Alternate IDs: OMICS_16456

Alternate URLs: <https://sources.debian.org/src/igdiscover/>,
<https://github.com/NBISweden/IgDiscover/>

Record Creation Time: 20230824T050211+0000

Record Last Update: 20260912T200045+0000

Ratings and Alerts

No rating or validation information has been found for IgDiscover.

No alerts have been found for IgDiscover.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Chernyshev M, et al. (2025) Detection of PCR chimeras in adaptive immune receptor repertoire sequencing using hidden Markov models. bioRxiv : the preprint server for biology.

Roark RS, et al. (2025) Structural and genetic basis of HIV-1 envelope V2 apex recognition by rhesus broadly neutralizing antibodies. The Journal of experimental medicine, 222(10).

Kos JT, et al. (2025) Characterization of extensive diversity in immunoglobulin light chain variable germline genes across biomedically important mouse strains. ImmunoHorizons, 9(8).

Steichen JM, et al. (2024) Vaccine priming of rare HIV broadly neutralizing antibody precursors in nonhuman primates. Science (New York, N.Y.), 384(6697), eadj8321.

Pushparaj P, et al. (2023) Frequent use of IGHV3-30-3 in SARS-CoV-2 neutralizing antibody responses. Frontiers in virology, 3, 1128253.

Welles HC, et al. (2022) Broad coverage of neutralization-resistant SIV strains by second-generation SIV-specific antibodies targeting the region involved in binding CD4. PLoS pathogens, 18(6), e1010574.

Mikocziova I, et al. (2021) Germline polymorphisms and alternative splicing of human immunoglobulin light chain genes. iScience, 24(10), 103192.

Chernyshev M, et al. (2021) VDJ Gene Usage in IgM Repertoires of Rhesus and Cynomolgus Macaques. Frontiers in immunology, 12, 815680.

Huang Y, et al. (2021) Computational Inference, Validation, and Analysis of 5'UTR-Leader Sequences of Alleles of Immunoglobulin Heavy Chain Variable Genes. Frontiers in immunology, 12, 730105.

Cottrell CA, et al. (2020) Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. PLoS pathogens, 16(8), e1008753.

Phad GE, et al. (2020) Extensive dissemination and intraclonal maturation of HIV Env vaccine-induced B cell responses. The Journal of experimental medicine, 217(2).