Resource Summary Report

Generated by NIF on Apr 26, 2025

IMGT/StatClonotype

RRID:SCR_018963 Type: Tool

Proper Citation

IMGT/StatClonotype (RRID:SCR_018963)

Resource Information

URL: http://www.imgt.org/StatClonotype/

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Description: Software tool to evaluate and visualize statistical significance of pairwise comparisons of IMGT clonotype (AA) diversity or expression, per variable, diversity, and joining gene of given IG or TR group, from NGS IMGT/HighV-QUEST statistical output. Antibody clonotype analysis based on NGS sequences.

Synonyms: IMGTStatClonotype, ImMunoGeneTics/StatClonotype

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

Defining Citation: PMID:27667992

Keywords: T cell receptor, antibody, immunoglobulin, immunoinformatics, next generation sequencing, statistical significance, clonotype diversity, clonotype expression, pairwise comparison, gene, NGS, analysis, antybody clonotype, bio.tools

Funding:

Availability: Free, Available for download, Freely available

Resource Name: IMGT/StatClonotype

Resource ID: SCR_018963

Alternate IDs: biotools:IMGt_StatClonotype

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

Record Creation Time: 20220129T080342+0000

Record Last Update: 20250426T060741+0000

Ratings and Alerts

No rating or validation information has been found for IMGT/StatClonotype.

No alerts have been found for IMGT/StatClonotype.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Udoye CC, et al. (2022) B-cell receptor physical properties affect relative IgG1 and IgE responses in mouse egg allergy. Mucosal immunology, 15(6), 1375.

Taylor SA, et al. (2019) Oligoclonal immunoglobulin repertoire in biliary remnants of biliary atresia. Scientific reports, 9(1), 4508.