# **Resource Summary Report**

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# **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:** software application, software resource, data analysis software, 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: 20250517T060407+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 dkNET.

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.