Resource Summary Report

Generated by NIF on May 15, 2025

GoSurfer

RRID:SCR_005789
Type: Tool

Proper Citation

GoSurfer (RRID:SCR_005789)

Resource Information

URL: http://systemsbio.ucsd.edu/GoSurfer/

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Description: GoSurfer uses Gene Ontology (GO) information to analyze gene sets obtained from genome-wide computations or microarray analyses. GoSurfer is a graphical interactive data mining tool. It associates user input genes with GO terms and visualizes such GO terms as a hierarchical tree. Users can manipulate the tree output by various means, like setting heuristic thresholds or using statistical tests. Significantly important GO terms resulted from a statistical test can be highlighted. All related information are exportable either as texts or as graphics. Platform: Windows compatible

Abbreviations: GoSurfer

Resource Type: software resource, software application

Defining Citation: PMID:15702958

Keywords: gene, gene ontology, genome-wide, microarray, graph, data mining, statistical analysis, bioinformatics, genomics, gene cluster, multiple hypothesis testing, false discovery rate, bio.tools

Funding:

Availability: Free for academic use

Resource Name: GoSurfer

Resource ID: SCR_005789

Alternate IDs: biotools:gosurfer, nlx_149268

Alternate URLs: http://www.gosurfer.org, https://bio.tools/gosurfer

Old URLs: http://bioinformatics.bioen.illinois.edu/gosurfer/index.htm

Record Creation Time: 20220129T080232+0000

Record Last Update: 20250513T060744+0000

Ratings and Alerts

No rating or validation information has been found for GoSurfer.

No alerts have been found for GoSurfer.

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 NIF.

Zheng Q, et al. (2008) GOEAST: a web-based software toolkit for Gene Ontology enrichment analysis. Nucleic acids research, 36(Web Server issue), W358.

Zeeberg BR, et al. (2003) GoMiner: a resource for biological interpretation of genomic and proteomic data. Genome biology, 4(4), R28.