**ShinyGO**

RRID:SCR_019213  
Type: Tool

**Proper Citation**

ShinyGO (RRID:SCR_019213)

**Resource Information**

**URL:** [http://bioinformatics.sdstate.edu/go/](http://bioinformatics.sdstate.edu/go/)

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**Description:** Software graphical gene set enrichment tool for animals and plants. Graphical web application to gain insights from gene sets. Features include graphical visualization of enrichment results and gene characteristics, and application program interface access to KEGG and STRING for retrieval of pathway diagrams and protein-protein interaction networks.

**Synonyms:** ShinyGO v0.61, Shiny Gene Ontology

**Resource Type:** software resource, data access protocol, analysis service resource, web service, data acquisition software, service resource, data visualization software, data processing software, production service resource, software application

**Defining Citation:** PMID:31882993

**Keywords:** Graphical gene set enrichment, animal gene, plant gene, graphical visualization, enrichment results, gene characteristics, pathway diagrams retrieval, protein interaction network, bio.tools

**Availability:** Free, Freely available

**Resource Name:** ShinyGO

**Resource ID:** SCR_019213

**Alternate IDs:** biotools:ShinyGO
Alternate URLs: https://bio.tools/ShinyGO

Ratings and Alerts

No rating or validation information has been found for ShinyGO.

No alerts have been found for ShinyGO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 192 mentions in open access literature.

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


Sajeevan RS, et al. (2023) Comprehensive transcriptome analysis of different potato cultivars provides insight into early blight disease caused by Alternaria solani. BMC plant biology, 23(1), 130.


Paukszto ?, et al. (2023) Specific expression of alternatively spliced genes in the turkey (Meleagris gallopavo) reproductive tract revealed their function in spermatogenesis and post-testicular sperm maturation. Poultry science, 102(4), 102484.


Bernal-Gallardo JJ, et al. (2023) Novel Roles of SPATULA in the Control of Stomata and Trichome Number, and Anthocyanin Biosynthesis. Plants (Basel, Switzerland), 12(3).


Reddy D, et al. (2023) Paraspeckles interact with SWI/SNF subunit ARID1B to regulate transcription and splicing. EMBO reports, 24(1), e55345.


Bhattacharyya M, et al. (2023) Molecular evaluation of the metabolism of estrogenic di(2-ethylhexyl) phthalate in Mycolicibacterium sp. Microbial cell factories, 22(1), 82.


Yoon JS, et al. (2023) Selection and Comparative Gene Expression of Midgut-Specific Targets for Drosophila suzukii. Insects, 14(1).


Ximinies AD, et al. (2023) The Oxidative Stress-Induced Hypothetical Protein PG_0686 in Porphyromonas gingivalis W83 Is a Novel Diguanylate Cyclase. Microbiology spectrum, 11(2), e0441122.