

Resource Summary Report

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ShinyGO

RRID:SCR_019213

Type: Tool

Proper Citation

ShinyGO (RRID:SCR_019213)

Resource Information

URL: <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 0.77, ShinyGO 0.80, Shiny Gene Ontology, ShinyGO v0.61

Resource Type: web service, data access protocol, software resource

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

Resource Name: ShinyGO

Resource ID: SCR_019213

Alternate IDs: biotools:ShinyGO

Alternate URLs: <https://bio.tools/ShinyGO>

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260728T043554+0000

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 842 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#).

Kinoshita S, et al. (2026) Astrocytic Igfbp2 Promotes Spontaneous Seizures in a Mouse Model of Mesial Temporal Lobe Epilepsy. *Glia*, 74(1), e70099.

Kunzelman GW, et al. (2026) Chromatin Profiling Reveals Distinct Male and Female Trajectories for Developmental Learning Potential. *Developmental neurobiology*, 86(1), e23017.

Daniele LL, et al. (2026) Selective deletion of Slc2a1 from the RPE reveals that rods but not cones depend on glucose transport across the outer blood-retinal barrier. *iScience*, 29(1), 114450.

Choi D, et al. (2026) Bivalent Histone Modifications Orchestrate Temporal Regulation of Glucosinolate Biosynthesis During Wound-Induced Stress Responses in Arabidopsis. *Plant, cell & environment*, 49(1), 450.

Korek M, et al. (2025) Strigolactone insensitivity affects differential shoot and root transcriptome in barley. *Journal of applied genetics*, 66(1), 15.

Terry J, et al. (2025) Gene Expression Patterns in a Congenital Neurocristic Hamartoma With Multiple Proliferative Nodules. *Journal of cutaneous pathology*, 52(2), 85.

Chambers TL, et al. (2025) Methylome-proteome integration after late-life voluntary exercise training reveals regulation and target information for improved skeletal muscle health. *The Journal of physiology*, 603(1), 211.

Moiz S, et al. (2025) Differential Expression of miRNAs Between Young-Onset and Late-Onset Indian Colorectal Carcinoma Patients. *Non-coding RNA*, 11(1).

Saeed S, et al. (2025) Chromatin landscape in paired human visceral and subcutaneous adipose tissue and its impact on clinical variables in obesity. *EBioMedicine*, 114, 105653.

Nayak PK, et al. (2025) Transcriptome profiling of tendon fibroblasts at the onset of embryonic muscle contraction reveals novel force-responsive genes. *eLife*, 14.

Kim SA, et al. (2025) Immunogenic clearance combined with PD-1 blockade elicits antitumor effect by promoting the recruitment and expansion of the effector memory-like

CD8+T cell. *Translational oncology*, 51, 102209.

Kelly C, et al. (2025) Identifying common pathways for doxorubicin and carfilzomib-induced cardiotoxicities: transcriptomic and epigenetic profiling. *Scientific reports*, 15(1), 4395.

Da Silva AJ, et al. (2025) Nuclear talin-1 provides a bridge between cell adhesion and gene expression. *iScience*, 28(2), 111745.

Sipprell SE, et al. (2025) Substance P Augments Chemokine Production by *Staphylococcus aureus* Infected Murine Osteoclasts. *Inflammation*, 48(5), 3506.

Kim SM, et al. (2025) SIH3 and SIH4 promote multicellular trichome formation and elongation by upregulating woolly in tomato. *Horticulture research*, 12(4), uhaf008.

Skandalou E, et al. (2025) Proteome of Renal Tubuli and Serum Differentiate Pre-Existing Type 2 Diabetes and Post-Transplant Diabetes in Kidney Transplant Recipients. *Proteomics. Clinical applications*, 19(3), e70000.

Zimmermann S, et al. (2025) Association of Lifestyle-Induced Weight Loss With Gene Expression in Subcutaneous Adipose Tissue in Metabolic Syndrome. *Journal of diabetes*, 17(4), e70083.

Dorbani I, et al. (2025) UV-C and hydration state drive pulsed light-induced proteome damage in *Bacillus pumilus* spores. *Frontiers in microbiology*, 16, 1579161.

Aoki S, et al. (2025) Comparison of Spinal Cord Regeneration Capacity in Zebrafish and Medaka. *Neurochemical research*, 50(3), 153.

Arya R, et al. (2025) Bioinformatics-Driven Identification of Ferroptosis-Related Gene Signatures Distinguishing Active and Latent Tuberculosis. *Genes*, 16(6).