

# Resource Summary Report

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## STOP

RRID:SCR\_005322

Type: Tool

### Proper Citation

STOP (RRID:SCR\_005322)

### Resource Information

**URL:** <http://www.mooneygroup.org/stop/input>

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**Description:** STOP is a multi-ontology enrichment analysis tool. It is intended to be used to help from hypothesis about large sets of genes or proteins. The annotations used for enrichment analysis are obtained automatically applying text descriptions of genes and proteins to the NCBO annotator. Text for genes is found using NCBI entrez gene, and text for proteins is found using UniProt. The text is then run through NCBO annotator with all the available ontologies. For more information about the NCBO annotator please visit: <http://bioportal.bioontology.org/> The goal of National Center for Biomedical Ontology (NCBO) is to support biomedical researchers in their knowledge-intensive work, by providing online tools and a Web portal enabling them to access, review, and integrate disparate ontological resources in all aspects of biomedical investigation and clinical practice. A major focus of our work involves the use of biomedical ontologies to aid in the management and analysis of data derived from complex experiments. This work is an expansion of the work of Rob Tirrell and others on RANSUM This project would not be possible without the contributions of Emily Howe, Uday Evani, Corey Powell, Mathew Fleisch, Tobias Wittkop, Ari Berman, Nigam Shah and Sean Mooney An account is required.

**Abbreviations:** STOP

**Synonyms:** Statistical Tracking of Ontological Phrases, Statistical Tracking of Ontological Phrases (STOP)

**Resource Type:** analysis service resource, data analysis service, production service resource, service resource

**Keywords:** gene ontology, resource:go, gene, protein, annotation

**Resource Name:** STOP

**Resource ID:** SCR\_005322

**Alternate IDs:** nlx\_144382

**Record Creation Time:** 20220129T080229+0000

**Record Last Update:** 20260905T133129+0000

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## Ratings and Alerts

No rating or validation information has been found for STOP.

No alerts have been found for STOP.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 458 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Gomez-Escribano JP, et al. (2026) Evidence supporting the first secondary chromosome in Actinobacteria as a hallmark of the Embleya genus. Microbial genomics, 12(5).

De S, et al. (2026) Structural studies of nedacistrovirus IRES-driven, initiation factor-independent translation shed light on key steps of eukaryotic translation elongation. Nucleic acids research, 54(10).

Furlan JC, et al. (2026) Feasibility, Validity and Economic Impact of a Home-Based Sleep Screening Test in the Detection of Sleep-Related Breathing Disorders in Individuals Living With Spinal Cord Injury: A Multi-Method Study and Cost-Minimisation Analysis. Journal of sleep research, 35(1), e70112.

Pe?nerová P, et al. (2026) The genomic impact of population connectivity and decline in Africa's elephants. Nature communications, 17(1).

Zhou Y, et al. (2026) Fault-Tolerant Control of AGVs via Deep Feature Enhancement and Multi-Source Verification in Complex Industrial Environments. Sensors (Basel, Switzerland), 26(11).

Houdroge F, et al. (2025) The costs and benefits of a prison needle and syringe program in Australia, 2025-30: a modelling study. The Medical journal of Australia, 222(8), 396.

Drever N, et al. (2025) Induced Abortion After Previous Caesarean Section: A Scoping Review. The Australian & New Zealand journal of obstetrics & gynaecology, 65(5), 564.

Fung CH, et al. (2025) A multisite feasibility study of integrated cognitive-behavioral treatment for co-existing nocturia and chronic insomnia. *Journal of the American Geriatrics Society*, 73(2), 558.

Wei H, et al. (2025) Structural insights into brassinosteroid export mediated by the Arabidopsis ABC transporter ABCB1. *Plant communications*, 6(1), 101181.

Pitkänen M, et al. (2025) Temporal and sleep stage-dependent agreement in manual scoring of respiratory events. *Journal of sleep research*, 34(3), e14391.

Carlton M, et al. (2025) Salivary Proteome Is Altered in Children With Small Area Thermal Burns. *Proteomics. Clinical applications*, 19(2), e202300107.

Örd M, et al. (2025) High-throughput investigation of cyclin docking interactions reveals the complexity of motif binding determinants. *Nature communications*, 16(1), 7622.

Eid L, et al. (2025) A Digital Mental Health Intervention for Paranoia (the STOP App): Qualitative Study on User Acceptability. *JMIR human factors*, 12, e70181.

Köhler CA, et al. (2025) Improving data sharing and knowledge transfer via the Neuroelectrophysiology Analysis Ontology (NEAO). *Scientific data*, 12(1), 907.

Saito S, et al. (2025) Effects of Stop-Work orders on HIV testing, treatment and programmes for prevention of vertical transmission in four sub-Saharan African countries. *Journal of the International AIDS Society*, 28(9), e70034.

Zang Y, et al. (2025) The GoSPGF-GoPGF-GhWRKYs transcriptional cascade positively regulates pigment gland formation in the stem of upland cotton. *Plant biotechnology journal*, 23(10), 4506.

Ngan J, et al. (2025) Rationale and design of a randomised phase II multicentre crossover trial investigating a sodium-glucose co-transporter 2 inhibitor, dapagliflozin, combined with a novel continuous ketone monitor in adults with type 1 diabetes to reduce the risk of diabetic ketoacidosis: the PARTNER study. *BMJ open*, 15(5), e098457.

De Jaeger-Braet J, et al. (2025) The recruitment of the A-type cyclin TAM to stress granules is crucial for meiotic fidelity under heat. *Science advances*, 11(32), eadr5694.

Pasqua M, et al. (2025) Engineering a Human-Sized Common Bile Duct Prototype with Regenerative Potential: In Vitro Evaluation of Mechanics, Function, Degradation, and Immune Modulation. *Advanced healthcare materials*, 14(21), e2501660.

Mazzola R, et al. (2025) Association between lung function and sleep disorder symptoms in a community-based multi-site case-finding study. *Journal of sleep research*, 34(3), e14356.