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

Proper Citation: STOP (RRID:SCR_005322)

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 annoations 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 though 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 probject 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: production service resource, data analysis service, service resource, analysis service resource

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

Funding:

Resource Name: STOP

Resource ID: SCR_005322

Alternate IDs: nlx_144382

Record Creation Time: 20220129T080229+0000

Record Last Update: 20250519T204658+0000

Ratings and Alerts

No rating or validation information has been found for STOP.

No alerts have been found for STOP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 411 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

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

Montgomery CM, et al. (2025) Sex-specific high-sensitivity troponin?T cut-points have similar safety but lower efficacy than overall cut-points in a multisite U.S. cohort. Academic emergency medicine: official journal of the Society for Academic Emergency Medicine, 32(1), 45.

Adamoli AN, et al. (2025) Feasibility of the Hemomindful Program: a mindfulness-based program performed during hemodialysis. Jornal brasileiro de nefrologia, 47(1), e20240068.

Magnitov MD, et al. (2025) ZNF143 is a transcriptional regulator of nuclear-encoded mitochondrial genes that acts independently of looping and CTCF. Molecular cell, 85(1), 24.

Fernández-López R, et al. (2025) Prevalence and associated factors of intimate partner violence against pregnant women who attend antenatal care in Denmark and Spain: A digital

screening approach. Acta obstetricia et gynecologica Scandinavica, 104(1), 139.

Winek E, et al. (2025) Zygotic activin A is dispensable for the mouse preimplantation embryo development and for the derivation and pluripotency of embryonic stem cells†. Biology of reproduction, 112(1), 31.

Yu J, et al. (2024) Determination of the FABP5 expression profile in skin lesions of an IMQ-induced psoriasis mouse model using flow cytometry. STAR protocols, 5(2), 103018.

Clements F, et al. (2024) Validation of self-applied unattended polysomnography using Somte V2 PSG (Somte) for diagnosis of obstructive sleep apnoea (OSA) in pregnant women in early to mid-gestation. Sleep & breathing = Schlaf & Atmung, 28(4), 1575.

Neo PS, et al. (2024) Midfrontal theta reactivity to conflict and error are linked to externalizing and internalizing respectively. Personality neuroscience, 7, e8.

Meulebrouck S, et al. (2024) Functional genetics reveals the contribution of delta opioid receptor to type 2 diabetes and beta-cell function. Nature communications, 15(1), 6627.

Mohammadi M, et al. (2024) Volumetric analysis of the hypothalamic subunits in obstructive sleep apnea. Brain and behavior, 14(9), e70026.

Nicoletti C, et al. (2024) E-box independent chromatin recruitment turns MYOD into a transcriptional repressor. bioRxiv: the preprint server for biology.

D'agata MN, et al. (2024) Device-estimated sleep metrics do not mediate the relation between race and blood pressure dipping in young black and white women. Journal of clinical hypertension (Greenwich, Conn.), 26(7), 850.

Peesapati RS, et al. (2024) A specific folate activates serotonergic neurons to control C. elegans behavior. Nature communications, 15(1), 8471.

Ganjaei KG, et al. (2024) Treatment of obstructive sleep apnea with CPAP improves daytime sleepiness and fatigue in cancer patients. Cancer medicine, 13(21), e7198.

Zirin J, et al. (2024) Expanding the Drosophila toolkit for dual control of gene expression. eLife, 12.

Hajarizadeh B, et al. (2024) Incidence of hepatitis C virus infection in the prison setting: The SToP-C study. Journal of viral hepatitis, 31(1), 21.

Hamm JM, et al. (2024) Increased frequency of light physical activity during midlife and old age buffers against cognitive declines. Journal of behavioral medicine, 47(4), 622.

Minian N, et al. (2024) Prototyping the implementation of a suicide prevention protocol in primary care settings using PDSA cycles: a mixed method study. Frontiers in psychiatry, 15, 1286078.

Xue P, et al. (2024) Associations between obesity, a composite risk score for probable long COVID, and sleep problems in SARS-CoV-2 vaccinated individuals. International journal of

obesity (2005), 48(9), 1300.