Resource Summary Report

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GeneOverlap

RRID:SCR_018419
Type: Tool

Proper Citation

GeneOverlap (RRID:SCR_018419)

Resource Information

URL: https://rdrr.io/bioc/GeneOverlap/man/GeneOverlap.html

Proper Citation: GeneOverlap (RRID:SCR_018419)

Description: Software package to test and visualize gene overlaps. Given two gene lists, tests significance of their overlap in comparison with genomic background.

Resource Type: software resource, software application, data analysis software, data processing software

Keywords: Test gene overlap, visualize gene overlap, gene list, overlap significance test, comparison with genomic background

Availability: Free, Available for download, Freely available

Resource Name: GeneOverlap

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Ratings and Alerts

No rating or validation information has been found for GeneOverlap.

No alerts have been found for GeneOverlap.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 169 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Dessie EY, et al. (2024) Integrative analysis identifies gene signatures mediating the effect of DNA methylation on asthma severity and lung function. Clinical epigenetics, 16(1), 15.

Pettinella F, et al. (2024) Surface CD52, CD84, and PTGER2 mark mature PMN-MDSCs from cancer patients and G-CSF-treated donors. Cell reports. Medicine, 5(2), 101380.

Zhang G, et al. (2024) Spi1 regulates the microglial/macrophage inflammatory response via the PI3K/AKT/mTOR signaling pathway after intracerebral hemorrhage. Neural regeneration research, 19(1), 161.

Leitner D, et al. (2024) Similar brain proteomic signatures in Alzheimer's disease and epilepsy. Acta neuropathologica, 147(1), 27.

Odak I, et al. (2024) Systems biology analysis reveals distinct molecular signatures associated with immune responsiveness to the BNT162b COVID-19 vaccine. EBioMedicine, 99, 104947.

Wang Q, et al. (2024) Molecular profiling of human substantia nigra identifies diverse neuron types associated with vulnerability in Parkinson's disease. Science advances, 10(2), eadi8287.

Sakahara M, et al. (2024) Paneth-like cells produced from OLFM4+ stem cells support OLFM4+ stem cell growth in advanced colorectal cancer. Communications biology, 7(1), 27.

Takahashi H, et al. (2024) Reduced progranulin increases tau and ?-synuclein inclusions and alters mouse tauopathy phenotypes via glucocerebrosidase. Nature communications, 15(1), 1434.

Werren EA, et al. (2024) TREX tetramer disruption alters RNA processing necessary for corticogenesis in THOC6 Intellectual Disability Syndrome. Nature communications, 15(1), 1640.

Taylor BC, et al. (2024) Histone proteoform analysis reveals epigenetic changes in adult mouse brown adipose tissue in response to cold stress. bioRxiv : the preprint server for biology.

Childs JE, et al. (2024) Relapse to cocaine seeking is regulated by medial habenula NR4A2/NURR1 in mice. Cell reports, 43(3), 113956.

Langlieb J, et al. (2023) The cell type composition of the adult mouse brain revealed by single cell and spatial genomics. bioRxiv : the preprint server for biology.

Zhuang XL, et al. (2023) Integrative Omics Reveals Rapidly Evolving Regulatory Sequences

Driving Primate Brain Evolution. Molecular biology and evolution, 40(8).

Masschelin PM, et al. (2023) Vitamin B2 enables regulation of fasting glucose availability. eLife, 12.

Rodriguez-Meira A, et al. (2023) Single-cell multi-omics identifies chronic inflammation as a driver of TP53-mutant leukemic evolution. Nature genetics, 55(9), 1531.

Werren E, et al. (2023) Mechanisms of mRNA processing defects in inherited THOC6 intellectual disability syndrome. Research square.

Aygün N, et al. (2023) Genetics of cell-type-specific post-transcriptional gene regulation during human neurogenesis. bioRxiv : the preprint server for biology.

Aid M, et al. (2023) Activation of coagulation and proinflammatory pathways in thrombosis with thrombocytopenia syndrome and following COVID-19 vaccination. Nature communications, 14(1), 6703.

Berg LM, et al. (2023) The neuroanatomical substrates of autism and ADHD and their link to putative genomic underpinnings. Molecular autism, 14(1), 36.

Nouri N, et al. (2023) Young infants display heterogeneous serological responses and extensive but reversible transcriptional changes following initial immunizations. Nature communications, 14(1), 7976.