

Resource Summary Report

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[LocusZoom.org](#)

RRID:SCR_021374

Type: Tool

Proper Citation

LocusZoom.org (RRID:SCR_021374)

Resource Information

URL: <https://my.locuszoom.org>

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Description: Web tool to investigate genome wide association results in their local genomic context. Adds new features to LocusZoom such as Manhattan plots, annotation options, and calculations that put findings in context. Used for interactive and embeddable visualization of genetic association study results. Javascript/d3 embeddable plugin for interactively visualizing statistical genetic data from customizable sources.

Synonyms: LocusZoom.js

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

Defining Citation: [DOI:10.1093/bioinformatics/btab186](https://doi.org/10.1093/bioinformatics/btab186)

Keywords: Generate interactive plots, shareable plots, GWAS summary statistics, visualizing statistical genetic data, genetic association study

Funding: NHGRI HG009976;
NIH BOEH15AMP

Availability: Free, Freely available

Resource Name: LocusZoom.org

Resource ID: SCR_021374

License: MIT license

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260731T043100+0000

Ratings and Alerts

No rating or validation information has been found for LocusZoom.org.

No alerts have been found for LocusZoom.org.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Yesian AR, et al. (2025) Preadipocyte IL-13/IL-13R α 1 signaling regulates beige adipogenesis through modulation of PPAR γ activity. The Journal of clinical investigation, 135(11).

Roshandel D, et al. (2025) Genetics of C-Peptide and Age at Diagnosis in Type 1 Diabetes. Diabetes, 74(2), 223.

Ebrahimi E, et al. (2025) Cross-ancestral GWAS identifies 29 variants across head and neck cancer subsites. Nature communications, 16(1), 8787.

Logue MW, et al. (2025) Novel differentially expressed genes and multiple biological pathways for Alzheimer's disease identified in brain tissue from African American donors. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(10), e70629.

Xu Y, et al. (2025) Genetic imputation of transcriptome and proteome illuminates novel therapeutic targets of cutaneous melanoma. Briefings in bioinformatics, 26(5).

Halligan NLN, et al. (2025) Variants in the β -globin locus are associated with pneumonia in African American children. HGG advances, 6(1), 100374.

Zorn S, et al. (2025) Obesity due to MC4R deficiency is associated with reduced cholesterol, triglycerides and cardiovascular disease risk. Nature medicine, 31(12), 4180.

Chen TT, et al. (2025) Genetic architectures of childhood maltreatment and causal influence of childhood maltreatment on health outcomes in adulthood. Molecular psychiatry, 30(8), 3404.

Zhou X, et al. (2025) Transethnic analysis identifies SORL1 variants and haplotypes protective against Alzheimer's disease. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(1), e14214.

Suhre K, et al. (2024) Nanoparticle enrichment mass-spectrometry proteomics identifies protein-altering variants for precise pQTL mapping. Nature communications, 15(1), 989.

Tangtanatakul P, et al. (2024) Association of genetic variation on X chromosome with systemic lupus erythematosus in both Thai and Chinese populations. Lupus science &

medicine, 11(1).

Garg E, et al. (2024) Canadian COVID-19 host genetics cohort replicates known severity associations. PLoS genetics, 20(3), e1011192.

Wang L, et al. (2024) Predictive Prioritization of Enhancers Associated with Pancreas Disease Risk. bioRxiv : the preprint server for biology.

Wu LY, et al. (2024) Investigation of the genetic aetiology of Lewy body diseases with and without dementia. Brain communications, 6(4), fcae190.

Reyes-Pérez P, et al. (2024) Investigating the Shared Genetic Etiology Between Parkinson's Disease and Depression. Journal of Parkinson's disease, 14(3), 483.

Daudali H, et al. (2024) Genetic variation in circadian regulator gene BMAL1 in psychiatric, psychological and cardiometabolic traits: a trans-ancestry UK Biobank study. BMJ mental health, 27(1).

Rios Coronado PE, et al. (2023) CXCL12 regulates coronary artery dominance in diverse populations and links development to disease. medRxiv : the preprint server for health sciences.

Chen CY, et al. (2023) The impact of rare protein coding genetic variation on adult cognitive function. Nature genetics, 55(6), 927.

Shahbazi M, et al. (2023) Comprehensive association analysis of speech recognition thresholds after cisplatin-based chemotherapy in survivors of adult-onset cancer. Cancer medicine, 12(3), 2999.

Nayema Z, et al. (2023) Genetic factors associated with serum amylase in a Japanese population: combined analysis of copy-number and single-nucleotide variants. Journal of human genetics, 68(5), 313.