Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 14, 2025

METAL

RRID:SCR_002013 Type: Tool

Proper Citation

METAL (RRID:SCR_002013)

Resource Information

URL: http://csg.sph.umich.edu//abecasis/Metal/

Proper Citation: METAL (RRID:SCR_002013)

Description: Software application designed to facilitate meta-analysis of large datasets (such as several whole genome scans) in a convenient, rapid and memory efficient manner. (entry from Genetic Analysis Software)

Synonyms: Metal - Meta Analysis Helper, METa AnaLysis Helper

Resource Type: software resource, software application

Defining Citation: PMID:20616382

Keywords: gene, genetic, genomic, whole genome

Funding:

Availability: Free, Registration requested

Resource Name: METAL

Resource ID: SCR_002013

Alternate IDs: nlx_154476, OMICS_00239

Record Creation Time: 20220129T080211+0000

Record Last Update: 20250513T060358+0000

Ratings and Alerts

No rating or validation information has been found for METAL.

No alerts have been found for METAL.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2011 mentions in open access literature.

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

McGrail C, et al. (2025) Genetic Discovery and Risk Prediction for Type 1 Diabetes in Individuals Without High-Risk HLA-DR3/DR4 Haplotypes. Diabetes care, 48(2), 202.

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

Tenopoulou M, et al. (2025) Fibrinogen post-translational modifications are biochemical determinants of fibrin clot properties and interactions. The FEBS journal, 292(1), 11.

Gálvez-Montosa F, et al. (2025) Polymorphisms within autophagy-related genes as susceptibility biomarkers for pancreatic cancer: A meta-analysis of three large European cohorts and functional characterization. International journal of cancer, 156(2), 339.

Euesden J, et al. (2025) Patient stratification by genetic risk in Alzheimer's disease is only effective in the presence of phenotypic heterogeneity. PloS one, 20(1), e0310977.

Lee MA, et al. (2025) Exploring the role of circulating proteins in multiple myeloma risk: a Mendelian randomization study. Scientific reports, 15(1), 3752.

Andersen CRY, et al. (2025) Microheater Controlled Crystal Phase Engineering of Nanowires Using In Situ Transmission Electron Microscopy. Small methods, 9(1), e2400728.

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.

Nekoufar S, et al. (2025) Exploring the potential of gemcitabine-metal-organic frameworks in combating pancreatic cancer under ketogenic conditions. BMC cancer, 25(1), 53.

Konieczny MJ, et al. (2025) The genomic architecture of circulating cytokine levels points to drug targets for immune-related diseases. Communications biology, 8(1), 34.

De Jager P, et al. (2025) GWAS highlights the neuronal contribution to multiple sclerosis susceptibility. Research square.

Zhang M, et al. (2025) Multi-ancestry genome-wide meta-analysis with 472,819 individuals identifies 32 novel risk loci for psoriasis. Journal of translational medicine, 23(1), 133.

Tepamatr P, et al. (2025) Maximizing H2 Production from a Combination of Catalytic Partial Oxidation of CH4 and Water Gas Shift Reaction. Molecules (Basel, Switzerland), 30(2).

Sun Y, et al. (2025) Genome-Wide Association Study Reveals a Causal Relationship Between Allergic Rhinitis and Hazelnut Allergy. Allergy, 80(1), 309.

Paris JR, et al. (2025) The Genomic Signature and Transcriptional Response of Metal Tolerance in Brown Trout Inhabiting Metal-Polluted Rivers. Molecular ecology, 34(1), e17591.

Leppilahti JM, et al. (2025) Genome-Wide Association Study of Temporomandibular Disorder-Related Pain in Finnish Populations. Journal of oral rehabilitation, 52(2), 151.

Valo E, et al. (2025) Genome-wide characterization of 54 urinary metabolites reveals molecular impact of kidney function. Nature communications, 16(1), 325.

Geng J, et al. (2025) Network Mendelian randomisation analysis deciphers protein pathways linking type 2 diabetes and gastrointestinal disease. Diabetes, obesity & metabolism, 27(2), 866.

De Walsche A, et al. (2025) metaGE: Investigating genotype x environment interactions through GWAS meta-analysis. PLoS genetics, 21(1), e1011553.

Fragoso-Bargas N, et al. (2025) Epigenome-wide association study of objectively measured physical activity in peripheral blood leukocytes. BMC genomics, 26(1), 62.