Resource Summary Report

Generated by dkNET on Apr 28, 2025

Common Metabolic Diseases Knowledge Portal

RRID:SCR_020937
Type: Tool

Proper Citation

Common Metabolic Diseases Knowledge Portal (RRID:SCR_020937)

Resource Information

URL: https://hugeamp.org

Proper Citation: Common Metabolic Diseases Knowledge Portal (RRID:SCR_020937)

Description: Portal enables browsing, searching, and analysis of human genetic information linked to common metabolic diseases and traits, while protecting integrity and confidentiality of underlying data. Aggregates and analyzes genetic association results, epigenomic annotations, and results of computational prediction methods to provide data, visualizations, and tools in open access portal.

Abbreviations: CMDKP

Resource Type: data repository, service resource, storage service resource, topical portal, data or information resource, disease-related portal, portal

Keywords: Analyzes genetic association results, aggregates genetic association results, epigenomic annotations, genetic data, epigenomic data

Related Condition: Metabolic diseases, Type 1 diabetes, Type 2 diabetes, Cardiovascular disease, Cerebrovascular disease, Sleep disorder, Circadian disorder, Diabetes

Funding: Accelerating Medicines Partnership

Availability: Free, Available for download, Freely available

Resource Name: Common Metabolic Diseases Knowledge Portal

Resource ID: SCR_020937

Record Creation Time: 20220129T080352+0000

Record Last Update: 20250428T054217+0000

Ratings and Alerts

No rating or validation information has been found for Common Metabolic Diseases Knowledge Portal.

No alerts have been found for Common Metabolic Diseases Knowledge Portal.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Kaplan DE, et al. (2024) Clinical and genetic risk factors for progressive fibrosis in metabolic dysfunction-associated steatotic liver disease. Hepatology communications, 8(7).

Zhu Y, et al. (2024) Sympathetic neuropeptide Y protects from obesity by sustaining thermogenic fat. Nature, 634(8032), 243.

Lin S, et al. (2024) TargetGene: a comprehensive database of cell-type-specific target genes for genetic variants. Nucleic acids research, 52(D1), D1072.

Atser MG, et al. (2024) Pyruvate dehydrogenase kinase 1 controls triacylglycerol hydrolysis in cardiomyocytes. bioRxiv : the preprint server for biology.

Adam S, et al. (2024) The calcium-sensing-receptor (CaSR) in adipocytes contributes to sex-differences in the susceptibility to high fat diet induced obesity and atherosclerosis. EBioMedicine, 107, 105293.

Amor M, et al. (2024) Identification of regulatory networks and crosstalk factors in brown adipose tissue and liver of a cold-exposed cardiometabolic mouse model. Cardiovascular diabetology, 23(1), 298.

Chen G, et al. (2024) SHMT2 reduces fatty liver but is necessary for liver inflammation and fibrosis in mice. Communications biology, 7(1), 173.

Michalek DA, et al. (2024) A multi-ancestry genome-wide association study in type 1 diabetes. Human molecular genetics, 33(11), 958.

Nagarajan P, et al. (2024) A Large-Scale Genome-Wide Study of Gene-Sleep Duration Interactions for Blood Pressure in 811,405 Individuals from Diverse Populations. medRxiv : the preprint server for health sciences.

Diaz-Vegas A, et al. (2024) Deletion of miPEP in adipocytes protects against obesity and insulin resistance by boosting muscle metabolism. Molecular metabolism, 86, 101983.

Littleton SH, et al. (2024) Variant-to-function analysis of the childhood obesity chr12q13 locus implicates rs7132908 as a causal variant within the 3' UTR of FAIM2. Cell genomics, 4(5), 100556.

Flowers E, et al. (2023) MicroRNAs Associated With Incident Diabetes in the Diabetes Prevention Program. The Journal of clinical endocrinology and metabolism, 108(6), e306.

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.

Kwak SH, et al. (2023) Time-to-Event Genome-Wide Association Study for Incident Cardiovascular Disease in People with Type 2 Diabetes Mellitus. medRxiv : the preprint server for health sciences.

Ford BE, et al. (2023) The GCKR-P446L gene variant predisposes to raised blood cholesterol and lower blood glucose in the P446L mouse-a model for GCKR rs1260326. Molecular metabolism, 72, 101722.

Broadaway KA, et al. (2023) Loci for insulin processing and secretion provide insight into type 2 diabetes risk. American journal of human genetics, 110(2), 284.

Emfinger CH, et al. (2023) Novel regulators of islet function identified from genetic variation in mouse islet Ca2+ oscillations. eLife, 12.

Wang Z, et al. (2023) PRDM16 deficiency in vascular smooth muscle cells aggravates abdominal aortic aneurysm. JCI insight, 8(11).

Sollis E, et al. (2023) The NHGRI-EBI GWAS Catalog: knowledgebase and deposition resource. Nucleic acids research, 51(D1), D977.

Littleton SH, et al. (2023) Variant-to-function analysis of the childhood obesity chr12q13 locus implicates rs7132908 as a causal variant within the 3' UTR of FAIM2. bioRxiv : the preprint server for biology.