

Resource Summary Report

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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 or information resource, data repository, database, disease-related portal, portal, service resource, storage service resource, topical 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: 20260821T194200+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 66 mentions in open access literature.

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

Huchzermeier R, et al. (2026) Whole-Body Knockout of the AhR (Aryl Hydrocarbon Receptor) Ameliorates Atherosclerosis Due to Altered Lipid Metabolism-Brief Report. Arteriosclerosis, thrombosis, and vascular biology, 46(3), e323673.

Wendland ZD, et al. (2026) A Genome-Wide Association Study of Hidradenitis Suppurativa from the VA's Million Veteran Program. Dermatology (Basel, Switzerland), 242(4), 418.

Park J, et al. (2026) A robust pleiotropy method with applications to lipid traits and to inflammatory bowel disease subtypes with sample overlap. HGG advances, 7(1), 100501.

Michalek DA, et al. (2026) HLA-focused type 1 diabetes genetic risk prediction in populations of diverse ancestry. Diabetologia, 69(1), 146.

Powell DR, et al. (2026) Acyl-CoA Synthetase 5 Knockout and Inhibitors Protect Against Diet-Induced Obesity in Mice by Activating the Ileal Brake. Journal of the Endocrine Society, 10(2), bvaf196.

Takeuchi F, et al. (2026) Pharmacogenomic predictors of drug response and choice in dyslipidemia and hypertension. medRxiv : the preprint server for health sciences.

Neupane KR, et al. (2026) DENND5B disruption results in reduced body fat and increased intestinal fatty acid oxidation by activation of autophagy. Journal of lipid research, 67(5), 101037.

Eberhardt DR, et al. (2026) Excessive Ca²⁺-dependent ER-mitochondrial contact stabilization by EFHD1 drives liver injury. bioRxiv : the preprint server for biology.

Michalek DA, et al. (2025) HLA-focused type 1 diabetes genetic risk prediction in populations of diverse ancestry. medRxiv : the preprint server for health sciences.

Breunig M, et al. (2025) PPDPF is not a key regulator of human pancreas development. PLoS genetics, 21(4), e1011657.

Carty JRE, et al. (2025) Amygdala-liver signalling orchestrates glycaemic responses to stress. *Nature*.

Van de Velde S, et al. (2025) Med14 phosphorylation shapes genomic response to GLP-1 Agonist. *bioRxiv : the preprint server for biology*.

Li JH, et al. (2025) Common genetic variants near SLC2A2 and glycemic response to glimepiride in the GRADE comparative effectiveness clinical trial. *medRxiv : the preprint server for health sciences*.

Atser MG, et al. (2025) Pyruvate dehydrogenase kinase 1 controls triacylglycerol hydrolysis in cardiomyocytes. *The Journal of biological chemistry*, 301(4), 108398.

Zhou F, et al. (2025) Improved genetic discovery and fine-mapping resolution through multivariate latent factor analysis of high-dimensional traits. *Cell genomics*, 5(5), 100847.

Mogire RM, et al. (2025) OSBPL11 is an African-specific locus associated with 25-hydroxyvitamin D concentrations and cardiometabolic health. *medRxiv : the preprint server for health sciences*.

Tsang CH, et al. (2025) Identification and molecular characterization of missense mutations in orphan G protein-coupled receptor GPR61 occurring in severe obesity. *Molecular pharmacology*, 107(4), 100026.

Auger C, et al. (2025) Mitochondrial control of fuel switching via carnitine biosynthesis. *bioRxiv : the preprint server for biology*.

Tchio C, et al. (2025) ADCY3 Ser107Pro links difficulty awakening in the morning to adiposity through circadian regulation of adipose thermogenesis. *bioRxiv : the preprint server for biology*.

Ferraretti G, et al. (2025) Convergent evolution of complex adaptive traits modulates angiogenesis in high-altitude Andean and Himalayan human populations. *Communications biology*, 8(1), 377.