Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

Cardiovascular Disease Knowledge Portal

RRID:SCR_016536
Type: Tool

Proper Citation

Cardiovascular Disease Knowledge Portal (RRID:SCR_016536)

Resource Information

URL: http://www.broadcvdi.org/

Proper Citation: Cardiovascular Disease Knowledge Portal (RRID:SCR_016536)

Description: Platform for analysis of the genetics of cardiovascular disease.Used for searching and analysis of human genetic information linked to myocardial infarction, atrial fibrillation and related traits while protecting the integrity and confidentiality of the data.

Resource Type: data or information resource, database, disease-related portal, portal, topical portal

Keywords: genetic, data, cardiovascular, disease, human

Related Condition: cardiovascular disease, myocardial infarction, atrial fibrillation

Funding: Accelerating Medicines Partnership in Type 2 Diabetes ;
National Institute of Cardiovascular Diseases and Stroke

Availability: Free, Available for download, Google ID required, Tutorial available

Resource Name: Cardiovascular Disease Knowledge Portal

Resource ID: SCR_016536

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260905T132810+0000

Ratings and Alerts

No rating or validation information has been found for Cardiovascular Disease Knowledge Portal.

No alerts have been found for Cardiovascular Disease Knowledge Portal.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Wu J, et al. (2026) Uncovering Novel Atrial Fibrillation Genetics Through Pleiotropic Overlap with Life's Essential 8. Biomedicines, 14(6).

Wei S, et al. (2025) Mendelian randomization provides a multi-omics perspective on the regulation of genes involved in ribosome biogenesis in relation to cardiac structure and function. Clinical epigenetics, 17(1), 42.

Abou Daya F, et al. (2025) Identifying links between cardiovascular disease and insomnia by modeling genes from a pleiotropic locus. Disease models & mechanisms, 18(5).

Rämö JT, et al. (2023) The Cardiovascular Impact and Genetics of Pericardial Adiposity. medRxiv : the preprint server for health sciences.

Mou X, et al. (2023) Causal influence of muscle weakness on cardiometabolic diseases and osteoporosis. Scientific reports, 13(1), 19974.

Khurshid S, et al. (2023) Clinical and genetic associations of deep learning-derived cardiac magnetic resonance-based left ventricular mass. Nature communications, 14(1), 1558.

Li M, et al. (2023) Genetic Evidence for Causal Association Between Atrial Fibrillation and Dementia: A Mendelian Randomization Study. Journal of the American Heart Association, 12(16), e029623.

Jiang W, et al. (2023) Mendelian Randomization Analysis Provides Insights into the Pathogenesis of Serum Levels of Branched-Chain Amino Acids in Cardiovascular Disease. Metabolites, 13(3).

Actkins KV, et al. (2023) Sex modifies the effect of genetic risk scores for polycystic ovary syndrome on metabolic phenotypes. PLoS genetics, 19(5), e1010764.

Rukh G, et al. (2022) Evidence of a Causal Link Between the Well-Being Spectrum and the Risk of Myocardial Infarction: A Mendelian Randomization Study. Frontiers in genetics, 13, 842223.

Pirruccello JP, et al. (2022) Deep learning enables genetic analysis of the human thoracic aorta. Nature genetics, 54(1), 40.

Moncla LM, et al. (2022) Mendelian randomization of circulating proteome identifies actionable targets in heart failure. BMC genomics, 23(1), 588.

Hindy G, et al. (2022) Rare coding variants in 35 genes associate with circulating lipid levels-A multi-ancestry analysis of 170,000 exomes. American journal of human genetics, 109(1), 81.

Zhang M, et al. (2022) Causal associations of circulating adiponectin with cardiometabolic diseases and osteoporotic fracture. Scientific reports, 12(1), 6689.

Chen L, et al. (2022) Obstructive sleep apnea and atrial fibrillation: insights from a bidirectional Mendelian randomization study. BMC medical genomics, 15(1), 28.

Zhang T, et al. (2021) The associations of plasma phospholipid arachidonic acid with cardiovascular diseases: A Mendelian randomization study. EBioMedicine, 63, 103189.

He B, et al. (2021) Causal Effect of Serum Magnesium on Osteoporosis and Cardiometabolic Diseases. Frontiers in nutrition, 8, 738000.

Lumbers RT, et al. (2021) The genomics of heart failure: design and rationale of the HERMES consortium. ESC heart failure, 8(6), 5531.

Li H, et al. (2021) Exploring the Pleiotropic Genes and Therapeutic Targets Associated with Heart Failure and Chronic Kidney Disease by Integrating metaCCA and SGLT2 Inhibitors' Target Prediction. BioMed research international, 2021, 4229194.

Liu Y, et al. (2021) Genome-wide association study of neck circumference identifies sex-specific loci independent of generalized adiposity. International journal of obesity (2005), 45(7), 1532.