Resource Summary Report

Generated by NIF on Sep 14, 2026

FUSION study

RRID:SCR_016580
Type: Tool

Proper Citation

FUSION study (RRID:SCR_016580)

Resource Information

URL: http://fusion.sph.umich.edu/

Proper Citation: FUSION study (RRID:SCR_016580)

Description: Portal to map and identify genetic variants that predispose to type 2 diabetes mellitus (T2D) or are responsible for variability in diabetes-related quantitative traits. Used for analysis of affected-sibling-pair (ASP) families in Finland, and association fine mapping based on these family members and additional T2D cases and controls.

Abbreviations: FUSION

Synonyms: Finland United States Investigation of NIDDM genetics

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

Keywords: map, identify, genetic, variant, predispose, type II diabetes, mellitus, T2D

Related Condition: type 2 diabetes

Availability: Registration required

Resource Name: FUSION study

Resource ID: SCR_016580

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260912T195841+0000

Ratings and Alerts

No rating or validation information has been found for FUSION study.

No alerts have been found for FUSION study.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Blew CO, et al. (2026) Plasma GDF15 affects long-term dementia risk and alters neuroimmune signaling. Science advances, 12(26), eaec7614.

Wojtas AM, et al. (2025) Multi-scale integration of human brain vascular and CSF proteomes reveals biomarkers of cerebral amyloid angiopathy linked to Alzheimer's disease risk. medRxiv : the preprint server for health sciences.

Zhao Y, et al. (2025) Identification of Candidate Lung Function-Related Plasma Proteins to Pinpoint Drug Targets for Common Pulmonary Diseases: A Comprehensive Multi-Omics Integration Analysis. Current issues in molecular biology, 47(3).

Petrucci-Nelson T, et al. (2025) Complex Genetics and Regulatory Drivers of Hypermobile Ehlers-Danlos Syndrome: Insights from Genome-Wide Association Study Meta-analysis. medRxiv : the preprint server for health sciences.

Ugalde-Morales E, et al. (2025) Identification of genes associated with testicular germ cell tumor susceptibility through a transcriptome-wide association study. American journal of human genetics, 112(3), 630.

Huang DL, et al. (2025) Causal impact of air pollution on head and neck cancer: a Mendelian randomization study. Discover oncology, 16(1), 1290.

Bai W, et al. (2025) Shared genetic architecture between stroke and blood lipids: a large-scale genome-wide cross-trait analysis. Human genomics, 19(1), 75.

Pleskalt A, et al. (2025) Biomass distribution of sympatric mammals in a European temperate forest. Royal Society open science, 12(8), 250472.

Zhao H, et al. (2024) Identifying novel proteins for suicide attempt by integrating proteomes from brain and blood with genome-wide association data. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 49(8), 1255.

Munsch G, et al. (2024) Genomic Landscape of Thrombosis Recurrence Risk Across Venous Thromboembolism Subtypes. medRxiv : the preprint server for health sciences.

You J, et al. (2023) Regulatory controls of duplicated gene expression during fiber development in allotetraploid cotton. Nature genetics, 55(11), 1987.

Senabouth A, et al. (2022) Transcriptomic and proteomic retinal pigment epithelium signatures of age-related macular degeneration. Nature communications, 13(1), 4233.

Zhuang Z, et al. (2021) Shared genetic etiology and causality between body fat percentage and cardiovascular diseases: a large-scale genome-wide cross-trait analysis. BMC medicine, 19(1), 100.

Georges A, et al. (2021) Genetic investigation of fibromuscular dysplasia identifies risk loci and shared genetics with common cardiovascular diseases. Nature communications, 12(1), 6031.

Wang X, et al. (2020) Shared genetic architecture and casual relationship between leptin levels and type 2 diabetes: large-scale cross-trait meta-analysis and Mendelian randomization analysis. BMJ open diabetes research & care, 8(1).