

Resource Summary Report

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Accelerating Medicines Partnership Type 2 Diabetes Knowledge Portal (AMP-T2D)

RRID:SCR_003743

Type: Tool

Proper Citation

Accelerating Medicines Partnership Type 2 Diabetes Knowledge Portal (AMP-T2D)
(RRID:SCR_003743)

Resource Information

URL: <http://www.type2diabetesgenetics.org/>

Proper Citation: Accelerating Medicines Partnership Type 2 Diabetes Knowledge Portal (AMP-T2D) (RRID:SCR_003743)

Description: Portal and database of DNA sequence, functional and epigenomic information, and clinical data from studies on type 2 diabetes and analytic tools to analyze these data. .Provides data and tools to promote understanding and treatment of type 2 diabetes and its complications. Used for identifying genetic biomarkers correlated to Type 2 diabetes and development of novel drugs for this disease.

Abbreviations: AMP T2D, T2DKP

Synonyms: , AMP Diabetes, AMP, T2D, AMP-T2D, Type 2 Diabetes Knowledge Portal, Accelerating Medicines Partnership Type 2 Diabetes, Accelerating Medicines Partnership Type 2 Diabetes Knowledge Portal, The AMP-T2D Knowledge Portal, AMP T2D, AMP Type 2 Diabetes

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

Keywords: type 2 diabetes, diabetes, knowledge, portal, database, repository, type II, diabetic, genetic, data, analysis, FASEB list

Related Condition: Type 2 diabetes, Diabetes

Funding: NIH ;
University of Michigan ;
Broad Institute ;
Fundacion Carlos Slim ;

NIDDK

Availability: Free, Freely available

Resource Name: Accelerating Medicines Partnership Type 2 Diabetes Knowledge Portal (AMP-T2D)

Resource ID: SCR_003743

Alternate IDs: SCR_014533, nlx_157976

Alternate URLs: <http://www.nih.gov/science/amp/type2diabetes.htm>

Record Creation Time: 20220129T080220+0000

Record Last Update: 20260801T042536+0000

Ratings and Alerts

No rating or validation information has been found for Accelerating Medicines Partnership Type 2 Diabetes Knowledge Portal (AMP-T2D).

No alerts have been found for Accelerating Medicines Partnership Type 2 Diabetes Knowledge Portal (AMP-T2D).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 79 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Auger C, et al. (2025) Identification of a molecular resistor that controls UCP1-independent Ca²⁺ cycling thermogenesis in adipose tissue. *Cell metabolism*, 37(6), 1311.

Lluch A, et al. (2025) Defective Olfactomedin-2 connects adipocyte dysfunction to obesity. *Nature communications*, 16(1), 7154.

Sass F, et al. (2024) NK2R control of energy expenditure and feeding to treat metabolic diseases. *Nature*, 635(8040), 987.

Sens D, et al. (2024) Genetics-driven risk predictions leveraging the Mendelian randomization framework. *Genome research*, 34(9), 1276.

Needham EJ, et al. (2024) Personalized phosphoproteomics of skeletal muscle insulin resistance and exercise links MINDY1 to insulin action. *Cell metabolism*, 36(12), 2542.

Posti S, et al. (2023) High-resolution analysis of the cytosolic Ca²⁺ events in β cell collectives in situ. *American journal of physiology. Endocrinology and metabolism*, 324(1), E42.

Cai L, et al. (2023) Causal associations between cardiorespiratory fitness and type 2 diabetes. *Nature communications*, 14(1), 3904.

Yook JS, et al. (2023) The SLC25A47 locus controls gluconeogenesis and energy expenditure. *Proceedings of the National Academy of Sciences of the United States of America*, 120(9), e2216810120.

Boehm BO, et al. (2023) Whole-genome sequencing of multiple related individuals with type 2 diabetes reveals an atypical likely pathogenic mutation in the PAX6 gene. *European journal of human genetics : EJHG*, 31(1), 89.

Costanzo MC, et al. (2023) The Type 2 Diabetes Knowledge Portal: An open access genetic resource dedicated to type 2 diabetes and related traits. *Cell metabolism*, 35(4), 695.

Nahmgoong H, et al. (2022) Distinct properties of adipose stem cell subpopulations determine fat depot-specific characteristics. *Cell metabolism*, 34(3), 458.

Mahajan A, et al. (2022) Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. *Nature genetics*, 54(5), 560.

Zhong S, et al. (2022) Haploinsufficiency of CYP8B1 associates with increased insulin sensitivity in humans. *The Journal of clinical investigation*, 132(21).

Havula E, et al. (2022) Genetic variation of macronutrient tolerance in *Drosophila melanogaster*. *Nature communications*, 13(1), 1637.

Cardosa SR, et al. (2021) Areca catechu-(Betel-nut)-induced whole transcriptome changes in a human monocyte cell line that may have relevance to diabetes and obesity; a pilot study. *BMC endocrine disorders*, 21(1), 165.

Jin Y, et al. (2021) Depletion of Adipocyte Becn1 Leads to Lipodystrophy and Metabolic Dysregulation. *Diabetes*, 70(1), 182.

Whitehead A, et al. (2021) Brown and beige adipose tissue regulate systemic metabolism through a metabolite interorgan signaling axis. *Nature communications*, 12(1), 1905.

Li Y, et al. (2021) Tsukushi and TSKU genotype in obesity and related metabolic disorders. *Journal of endocrinological investigation*, 44(12), 2645.

Sheng J, et al. (2021) Smad3 deficiency promotes beta cell proliferation and function in db/db mice via restoring Pax6 expression. *Theranostics*, 11(6), 2845.

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.