

Resource Summary Report

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Type 1 Diabetes Knowledge Portal

RRID:SCR_020936

Type: Tool

Proper Citation

Type 1 Diabetes Knowledge Portal (RRID:SCR_020936)

Resource Information

URL: <https://t1d.hugeamp.org>

Proper Citation: Type 1 Diabetes Knowledge Portal (RRID:SCR_020936)

Description: Portal for providing data and tools to promote understanding and treatment of type 1 diabetes and its complications. Enables browsing, searching, and analysis of human genetic information linked to type 1 diabetes and related traits, while protecting integrity and confidentiality of underlying data. Represents effort to coordinate collection and deposition of genomic and epigenomic data related to type 1 diabetes and its complications.

Abbreviations: T1DKP

Synonyms: T1D Knowledge Portal

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

Keywords: Type 1 diabetes data, type 1 diabetes data collection, type 1 diabetes data deposition, type 1 diabetes genomic data, type 1 diabetes epigenomic data, Diabetes, type 1 diabetes

Related Condition: Type 1 diabetes, Diabetes

Availability: Free, Freely available

Resource Name: Type 1 Diabetes Knowledge Portal

Resource ID: SCR_020936

Record Creation Time: 20220129T080352+0000

Record Last Update: 20260804T043729+0000

Ratings and Alerts

No rating or validation information has been found for Type 1 Diabetes Knowledge Portal.

No alerts have been found for Type 1 Diabetes Knowledge Portal.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Hu X, et al. (2025) Genetic mapping of complement system proteins for islet autoimmunity in children with high risk of T1D. Communications biology, 8(1), 1366.

Dos Santos T, et al. (2025) Altered immune and metabolic molecular pathways drive islet cell dysfunction in human type 1 diabetes. The Journal of clinical investigation, 135(23).

Luckett AM, et al. (2025) Genetic risk in extremely early onset type 1 diabetes. medRxiv : the preprint server for health sciences.

Shapiro MR, et al. (2025) Leveraging artificial intelligence and machine learning to accelerate discovery of disease-modifying therapies in type 1 diabetes. Diabetologia, 68(3), 477.

Onengut-Gumuscu S, et al. (2025) Type 1 Diabetes Genetics Consortium. The Journal of clinical endocrinology and metabolism, 110(6), 1505.

Tutino M, et al. (2025) Genetics of circulating proteins in newborn babies at high risk of type 1 diabetes. Nature communications, 16(1), 3750.

Kudtarkar P, et al. (2023) Leveraging type 1 diabetes human genetic and genomic data in the T1D knowledge portal. PLoS biology, 21(8), e3002233.

Kudtarkar P, et al. (2023) Leveraging type 1 diabetes human genetic and genomic data in the T1D Knowledge Portal. bioRxiv : the preprint server for biology.

Iakovliev A, et al. (2023) Genome-wide aggregated trans-effects on risk of type 1 diabetes: A test of the "omnigenic" sparse effector hypothesis of complex trait genetics. American journal of human genetics, 110(6), 913.

He M, et al. (2023) A Mendelian randomization study on causal effects of 25(OH) vitamin D levels on diabetic nephropathy. BMC nephrology, 24(1), 192.

Luckett AM, et al. (2023) Utility of genetic risk scores in type 1 diabetes. Diabetologia, 66(9), 1589.

Ochsner SA, et al. (2022) Transcriptional regulatory networks of circulating immune cells in type 1 diabetes: A community knowledgebase. *iScience*, 25(7), 104581.

Robertson CC, et al. (2021) Fine-mapping, trans-ancestral and genomic analyses identify causal variants, cells, genes and drug targets for type 1 diabetes. *Nature genetics*, 53(7), 962.

Kim SS, et al. (2021) A comprehensive integrated post-GWAS analysis of Type 1 diabetes reveals enhancer-based immune dysregulation. *PloS one*, 16(9), e0257265.