Resource Summary Report

Generated by NIF on Apr 18, 2025

Type 1 Diabetes Knowledge Portal

RRID:SCR_020936 Type: Tool

Proper Citation

Type 1 Diabetes Knowledge Portal (RRID:SCR_020936)

Resource Information

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

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

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

Related Condition: Type 1 diabetes, Diabetes

Funding:

Availability: Free, Freely available

Resource Name: Type 1 Diabetes Knowledge Portal

Resource ID: SCR_020936

Record Creation Time: 20220129T080352+0000

Record Last Update: 20250418T055553+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 8 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

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

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.

lakovliev 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.

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.

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.

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.

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.