Resource Summary Report

Generated by NIF on Apr 24, 2025

T1DBase

RRID:SCR_007959
Type: Tool

Proper Citation

T1DBase (RRID:SCR_007959)

Resource Information

URL: http://t1dbase.org/

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on August 26,2019. In October 2016, T1DBase has merged with its sister site ImmunoBase (https://immunobase.org). Documented on March 2020, ImmunoBase ownership has been transferred to Open Targets (https://www.opentargets.org). Results for all studies can be explored using Open Targets Genetics (https://genetics.opentargets.org). Database focused on genetics and genomics of type 1 diabetes susceptibility providing a curated and integrated set of datasets and tools, across multiple species, to support and promote research in this area. The current data scope includes annotated genomic sequences for suspected T1D susceptibility regions; genetic data; microarray data; and global datasets, generally from the literature, that are useful for genetics and systems biology studies. The site also includes software tools for analyzing the data.

Synonyms: T1DBase - Type 1 Diabetes Database

Resource Type: service resource, data repository, database, data or information resource, storage service resource, resource

Defining Citation: PMID:20937630

Keywords: genetics, beta cell, gene, variant, region, genomics, gene expression, genome-wide association study, data analysis service, bio.tools

Related Condition: Type 1 diabetes. Diabetes

Funding: Wellcome Trust ;
NIDDK ;

Juvenile Diabetes Research Foundation

Availability: THIS RESOURCE IS NO LONGER IN SERVICE.

Resource Name: T1DBase

Resource ID: SCR_007959

Alternate IDs: nif-0000-03531, biotools:t1dbase

Alternate URLs: https://bio.tools/t1dbase

License: GNU General Public License, Perl Artistic License

Record Creation Time: 20220129T080244+0000

Record Last Update: 20250424T064928+0000

Ratings and Alerts

No rating or validation information has been found for T1DBase .

No alerts have been found for T1DBase .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 144 mentions in open access literature.

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

van Megen KM, et al. (2021) 1,25-dihydroxyvitamin D3 induces stable and reproducible therapeutic tolerogenic dendritic cells with specific epigenetic modifications. Cytotherapy, 23(3), 242.

Kolvenbach CM, et al. (2019) Rare Variants in BNC2 Are Implicated in Autosomal-Dominant Congenital Lower Urinary-Tract Obstruction. American journal of human genetics, 104(5), 994.

Bonifacio E, et al. (2018) Genetic scores to stratify risk of developing multiple islet autoantibodies and type 1 diabetes: A prospective study in children. PLoS medicine, 15(4), e1002548.

Redondo MJ, et al. (2018) A Type 1 Diabetes Genetic Risk Score Predicts Progression of

Islet Autoimmunity and Development of Type 1 Diabetes in Individuals at Risk. Diabetes care, 41(9), 1887.

Lindeløv Vestergaard A, et al. (2018) MicroRNAs and histone deacetylase inhibition-mediated protection against inflammatory ?-cell damage. PloS one, 13(9), e0203713.

Oh E, et al. (2018) Syntaxin 4 Expression in Pancreatic ?-Cells Promotes Islet Function and Protects Functional ?-Cell Mass. Diabetes, 67(12), 2626.

Jung Y, et al. (2018) Isl1? Overexpression With Key ? Cell Transcription Factors Enhances Glucose-Responsive Hepatic Insulin Production and Secretion. Endocrinology, 159(2), 869.

Ziegler AB, et al. (2018) JhI-21 plays a role in Drosophila insulin-like peptide release from larval IPCs via leucine transport. Scientific reports, 8(1), 1908.

Woo HJ, et al. (2017) Collective Genetic Interaction Effects and the Role of Antigen-Presenting Cells in Autoimmune Diseases. PloS one, 12(1), e0169918.

Leech CA, et al. (2017) Stromal Interaction Molecule 1 (STIM1) Regulates ATP-sensitive Potassium (KATP) and Store-operated Ca2+ Channels in MIN6 ?-Cells. The Journal of biological chemistry, 292(6), 2266.

Luan M, et al. (2017) The shared and specific mechanism of four autoimmune diseases. Oncotarget, 8(65), 108355.

Kasela S, et al. (2017) Pathogenic implications for autoimmune mechanisms derived by comparative eQTL analysis of CD4+ versus CD8+ T cells. PLoS genetics, 13(3), e1006643.

Li W, et al. (2017) Network Pharmacology Studies on the Bioactive Compounds and Action Mechanisms of Natural Products for the Treatment of Diabetes Mellitus: A Review. Frontiers in pharmacology, 8, 74.

Mishra R, et al. (2017) Relative contribution of type 1 and type 2 diabetes loci to the genetic etiology of adult-onset, non-insulin-requiring autoimmune diabetes. BMC medicine, 15(1), 88.

Banday VS, et al. (2017) Elevated systemic glutamic acid level in the non-obese diabetic mouse is Idd linked and induces beta cell apoptosis. Immunology, 150(2), 162.

Lebailly B, et al. (2017) The circadian gene Arntl2 on distal mouse chromosome 6 controls thymocyte apoptosis. Mammalian genome : official journal of the International Mammalian Genome Society, 28(1-2), 1.

Crèvecoeur I, et al. (2017) Early differences in islets from prediabetic NOD mice: combined microarray and proteomic analysis. Diabetologia, 60(3), 475.

, et al. (2017) Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. JAMA oncology, 3(5), 636.

Ray I, et al. (2017) OCDD: an obesity and co-morbid disease database. BioData mining, 10,

33.

Engelmann I, et al. (2017) Persistent coxsackievirus B4 infection induces microRNA dysregulation in human pancreatic cells. Cellular and molecular life sciences : CMLS, 74(20), 3851.