Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

Type 1 Diabetes Resource

RRID:SCR_001475
Type: Tool

Proper Citation

Type 1 Diabetes Resource (RRID:SCR_001475)

Resource Information

URL: http://type1diabetes.jax.org/

Proper Citation: Type 1 Diabetes Resource (RRID:SCR_001475)

Description: International repository for importation, curation, genotypic and phenotypic validation, cryopreservation, and distribution of mouse stocks of value to the type 1 diabetes scientific community holding over 250 genetically modified or congenic mouse stocks that are being used to dissect genetic and biologic features of T1D. They provide extensive genotypic and phenotypic quality control and genetic stabilization for these strains, as well as incidence studies when available. An added value of T1DR stocks is their ability to propel advances in related areas of science, including research in non-T1D autoimmunity and infectious diseases. The staff provides information and technical assistance regarding selection and use of existing T1DR models, and will provide limited support for development of new models considered to be of high-value for the T1D community. The resource includes strains generated at the Jackson Laboratory as well as strains donated by external scientists. Investigators are highly encouraged to donate a strain to ensure its preservation and availability to other researchers.

Abbreviations: T1DR

Resource Type: organism supplier, biomaterial supply resource, material resource

Keywords: genotype, phenotype, animal model

Related Condition: Type 1 diabetes, Diabetes

Funding: NIDDK UC4DK097610

Availability: Public

Resource Name: Type 1 Diabetes Resource

Resource ID: SCR_001475

Alternate IDs: nlx_152730

Record Creation Time: 20220129T080207+0000

Record Last Update: 20250417T065045+0000

Ratings and Alerts

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

No alerts have been found for Type 1 Diabetes Resource .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Leeth CM, et al. (2016) B-lymphocytes expressing an Ig specificity recognizing the pancreatic ß-cell autoantigen peripherin are potent contributors to type 1 diabetes development in NOD mice. Diabetes, 65(7), 1977.