Resource Summary Report

Generated by dkNET on Sep 17, 2026

C57BL/6-*Dnajc3*^{tm8663Wcl}/Mmmh

RRID:MMRRC_010323-MU
Type: Organism

Proper Citation

RRID:MMRRC_010323-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=10323

Proper Citation: RRID:MMRRC_010323-MU

Description: Mus musculus with name C57BL/6-*Dnajc3*^{tm8663Wcl}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cancer, Diabetes, Endocrine Deficiency, Metabolism, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection: CMGCC

Phenotype: Purkinje cell degeneration [MP:0000876]| decreased body weight [MP:0001262]| decreased body size [MP:0001265]| hyperglycemia [MP:0001559]| increased urine glucose level [MP:0001759]| increased circulating insulin level [MP:0002079]| premature death [MP:0002083]| decreased pancreatic beta cell number [MP:0003339]| abnormal pancreatic beta cell morphology [MP:0005217]| abnormal food intake [MP:0005449]| decreased percent body fat/body weight [MP:0005459]| decreased pancreatic beta cell mass [MP:0009114]

Affected Gene: Dnajc3

Catalog Number: 010323-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:15793246

Alternate IDs: MMRRC_10323-MU, MMRRC_010323, MMRRC_1323

Organism Name: C57BL/6-*Dnajc3*^{tm8663Wcl}/Mmmh

Record Creation Time: 20230308T054904+0000

Record Last Update: 20260912T134222+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-*Dnajc3*^{tm8663Wcl}/Mmmh.

No alerts have been found for C57BL/6-*Dnajc3*^{tm8663Wcl}/Mmmh.

Data and Source Information

Source: Integrated Animals

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Welters A, et al. (2024) Congenital Hyperinsulinism in Humans and Insulin Secretory Dysfunction in Mice Caused by Biallelic DNAJC3 Variants. International journal of molecular sciences, 25(2).