Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

B6.Cg-Tg(Gcg-cre)1Herr/Mmnc

RRID:MMRRC_000358-UNC
Type: Organism

Proper Citation

RRID:MMRRC_000358-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=358

Proper Citation: RRID:MMRRC_000358-UNC

Description: Mus musculus with name B6.Cg-Tg(Gcg-cre)1Herr/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Diabetes, Endocrine Deficiency; Mutation Type: Transgenic ; Collection: BCBC-Beta Cell Biology Consortium

Affected Gene: cre|Gcg|

Catalog Number: 000358-UNC

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:10804174

Alternate IDs: MMRRC_358-UNC, MMRRC_000358, MMRRC_358

Organism Name: B6.Cg-Tg(Gcg-cre)1Herr/Mmnc

Record Creation Time: 20230308T054752+0000

Record Last Update: 20250419T222359+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Gcg-cre)1Herr/Mmnc.

No alerts have been found for B6.Cg-Tg(Gcg-cre)1Herr/Mmnc.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Cui X, et al. (2022) Pro-?-cell-derived ?-cells contribute to ?-cell neogenesis induced by antagonistic glucagon receptor antibody in type 2 diabetic mice. iScience, 25(7), 104567.

Parajuli KR, et al. (2020) Pax4 Gene Delivery Improves Islet Transplantation Efficacy by Promoting ? Cell Survival and ?-to-? Cell Transdifferentiation. Cell transplantation, 29, 963689720958655.

Wei R, et al. (2020) Dapagliflozin promotes beta cell regeneration by inducing pancreatic endocrine cell phenotype conversion in type 2 diabetic mice. Metabolism: clinical and experimental, 111, 154324.

van der Meulen T, et al. (2018) Artemether Does Not Turn ? Cells into ? Cells. Cell metabolism, 27(1), 218.

Xiao X, et al. (2018) Endogenous Reprogramming of Alpha Cells into Beta Cells, Induced by Viral Gene Therapy, Reverses Autoimmune Diabetes. Cell stem cell, 22(1), 78.

Tuesta LM, et al. (2017) GLP-1 acts on habenular avoidance circuits to control nicotine intake. Nature neuroscience, 20(5), 708.

van der Meulen T, et al. (2017) Virgin Beta Cells Persist throughout Life at a Neogenic Niche within Pancreatic Islets. Cell metabolism, 25(4), 911.