

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

STOCK *Myt1^{tm1Ggu}/Mmnc*

RRID:MMRRC_030295-UNC

Type: Organism

Proper Citation

RRID:MMRRC_030295-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30295

Proper Citation: RRID:MMRRC_030295-UNC

Description: Mus musculus with name STOCK *Myt1^{tm1Ggu}/Mmnc* from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Developmental Biology, Diabetes, Endocrine Deficiency, Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal pancreas secretion [MP:0002694]| decreased insulin secretion [MP:0003059]| abnormal pancreatic alpha cell physiology [MP:0003563]| abnormal pancreas development [MP:0003934]| impaired glucose tolerance [MP:0005293]| abnormal pancreatic somatostatin secretion [MP:0008953]| abnormal PP cell physiology [MP:0009195]

Affected Gene: *Myt1*

Catalog Number: 030295-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:17928203](#)

Alternate IDs: MMRRC_30295-UNC, MMRRC_030295, MMRRC_3295

Organism Name: STOCK *Myt1^{tm1Ggu}/Mmnc*

Record Creation Time: 20230308T055119+0000

Record Last Update: 20260808T123956+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Myt1^{tm1Ggu}/Mmnc*.

No alerts have been found for STOCK *Myt1^{tm1Ggu}/Mmnc*.

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 [NIF](#) .

Xu X, et al. (2024) Nzf2 promotes oligodendrocyte differentiation and regeneration via repressing HDAC1-mediated histone deacetylation. Science advances, 10(50), eadf8405.