

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

B6.129S6-Gck^{tm1.1Mgn}/Mmnc

RRID:MMRRC_011949-UNC

Type: Organism

Proper Citation

RRID:MMRRC_011949-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11949

Proper Citation: RRID:MMRRC_011949-UNC

Description: Mus musculus with name B6.129S6-Gck^{tm1.1Mgn}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Diabetes, Metabolism, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: hyperglycemia [MP:0001559]| abnormal glucose homeostasis [MP:0002078]| increased circulating insulin level [MP:0002079]| hepatic steatosis [MP:0002628]| decreased circulating insulin level [MP:0002727]| decreased insulin secretion [MP:0003059]| impaired glucose tolerance [MP:0005293]| insulin resistance [MP:0005331]| decreased glycogen level [MP:0005439]| increased circulating glucose level [MP:0005559]| neonatal lethality [MP:0011088]

Affected Gene: Gck

Catalog Number: 011949-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9867845](#)

Alternate IDs: MMRRC_11949-UNC, MMRRC_011949, MMRRC_11949

Organism Name: B6.129S6-Gck^{tm1.1Mgn}/Mmnc

Record Creation Time: 20230308T054913+0000

Record Last Update: 20260801T123555+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6-*Gck*^{tm1.1Mgn}/Mmnc.

No alerts have been found for B6.129S6-*Gck*^{tm1.1Mgn}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.