

Resource Summary Report

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

B6.129S6(Cg)-Gck^{tm3Mgn}/Mmucd

RRID:MMRRC_015249-UCD

Type: Organism

Proper Citation

RRID:MMRRC_015249-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15249

Proper Citation: RRID:MMRRC_015249-UCD

Description: Mus musculus with name B6.129S6(Cg)-Gck^{tm3Mgn}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Diabetes, Metabolism, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection: BCBC-Beta Cell Biology Consortium

Phenotype: hypoglycemia [MP:0000189] abnormal circulating insulin level [MP:0001560] abnormal glucose homeostasis [MP:0002078] abnormal insulin secretion [MP:0003564] decreased circulating glucose level [MP:0005560] decreased glucokinase activity [MP:0011606]

Affected Gene: Gck

Catalog Number: 015249-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:17353190](#)

Alternate IDs: MMRRC_15249-UCD, MMRRC_015249, MMRRC_15249

Organism Name: B6.129S6(Cg)-Gck^{tm3Mgn}/Mmucd

Record Creation Time: 20230308T054934+0000

Record Last Update: 20260905T110523+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6(Cg)-*Gck*^{tm3Mgn}/Mmucd.

No alerts have been found for B6.129S6(Cg)-*Gck*^{tm3Mgn}/Mmucd.

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.