

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Gcgr^{tm1Mjch}/Gcgr^{tm1Mjch}](#)

RRID:MGI:3513508

Type: Organism

Proper Citation

RRID:MGI:3513508

Organism Information

URL:

Proper Citation: RRID:MGI:3513508

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased interscapular fat pad weight, postnatal lethality, incomplete penetrance, decreased litter size, hypoglycemia, decreased brown adipose tissue amount, decreased circulating leptin level, increased circulating glucagon level, increased pancreatic alpha cell number, pancreatic islet hyperplasia, increased circulating glucagon level, hypoglycemia, decreased circulating glucose level, improved glucose tolerance, abnormal circulating amino acid level, increased circulating LDL cholesterol level, pancreatic islet hyperplasia, decreased gonadal fat pad weight, decreased triglyceride level, prenatal lethality, incomplete penetrance, increased body mass index, abnormal pancreatic alpha cell morphology, decreased total body fat amount, decreased circulating insulin level, endocrine/exocrine gland phenotype

Affected Gene: Gcgr

Genomic Alteration: tm1Mjch

Catalog Number: 3513508

Background: involves: 129/Sv * C57BL/6J * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:28591637](#), [PMID:12552113](#)

Organism Name: Gcgr^{tm1Mjch}/Gcgr^{tm1Mjch}

Record Creation Time: 20240120T190644+0000

Record Last Update: 20240130T202030+0000

Ratings and Alerts

No rating or validation information has been found for Gcgr^{tm1Mjch}/Gcgr^{tm1Mjch}.

No alerts have been found for Gcgr^{tm1Mjch}/Gcgr^{tm1Mjch}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.