

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

[Rapgef3^{tm1Skc}/Rapgef3^{tm1Skc}](#)

RRID:MGI:5532322

Type: Organism

Proper Citation

RRID:MGI:5532322

Organism Information

URL:

Proper Citation: RRID:MGI:5532322

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

Species: Mus musculus

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

Phenotype: pancreatic islet hyperplasia, increased circulating triglyceride level, increased respiratory quotient, increased susceptibility to diet-induced obesity, insulin resistance, insulinitis, hyperglycemia, impaired glucose tolerance, increased body weight, enlarged pancreatic islets, decreased circulating cholesterol level, decreased circulating HDL cholesterol level, decreased blood urea nitrogen level, abnormal pancreatic beta cell physiology, decreased circulating insulin level, decreased insulin secretion, increased pancreatic alpha cell number

Affected Gene: Rapgef3

Genomic Alteration: tm1Skc

Catalog Number: 5532322

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23825225](#)

Organism Name: Rapgef3^{tm1Skc}/Rapgef3^{tm1Skc}

Record Creation Time: 20240120T190100+0000

Record Last Update: 20240130T201713+0000

Ratings and Alerts

No rating or validation information has been found for Rapgef3^{tm1Skc}/Rapgef3^{tm1Skc}.

No alerts have been found for Rapgef3^{tm1Skc}/Rapgef3^{tm1Skc}.

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.