

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

[Pcsk2^{tm1Dfs}/Pcsk2^{tm1Dfs}](#)

RRID:MGI:3054405

Type: Organism

Proper Citation

RRID:MGI:3054405

Organism Information

URL:

Proper Citation: RRID:MGI:3054405

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

Species: Mus musculus

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

Phenotype: decreased insulin secretion, increased systemic arterial blood pressure, decreased pituitary hormone level, increased pancreatic alpha cell proliferation, abnormal pancreatic beta cell differentiation, decreased pancreatic beta cell number, increased pancreatic alpha cell mass, abnormal pancreatic islet morphology, increased pancreatic delta cell number, reduced female fertility, abnormal gland physiology, abnormal pancreatic somatostatin secretion, decreased circulating glucose level, decreased circulating insulin level, decreased glucagon secretion, impaired glucose tolerance

Affected Gene: Pcsk2

Genomic Alteration: tm1Dfs

Catalog Number: 3054405

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12697744](#), [PMID:9192619](#), [PMID:12933680](#)

Organism Name: Pcsk2^{tm1Dfs}/Pcsk2^{tm1Dfs}

Record Creation Time: 20240120T190650+0000

Record Last Update: 20240130T202033+0000

Ratings and Alerts

No rating or validation information has been found for Pcsk2^{tm1Dfs}/Pcsk2^{tm1Dfs}.

No alerts have been found for Pcsk2^{tm1Dfs}/Pcsk2^{tm1Dfs}.

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.