

Resource Summary Report

Generated by [ASWG](#) on Aug 12, 2026

[Prkar2b^{tm1Gsm}/Prkar2b^{tm1Gsm}](#)

RRID:MGI:3041829

Type: Organism

Proper Citation

RRID:MGI:3041829

Organism Information

URL:

Proper Citation: RRID:MGI:3041829

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

Species: Mus musculus

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

Phenotype: decreased circulating insulin level, decreased liver triglyceride level, decreased susceptibility to hepatic steatosis, abnormal food intake, decreased body weight, decreased susceptibility to diet-induced obesity, improved glucose tolerance, decreased circulating leptin level, decreased circulating LDL cholesterol level, decreased circulating VLDL cholesterol level, homeostasis/metabolism phenotype, decreased circulating cholesterol level

Affected Gene: Prkar2b

Genomic Alteration: tm1Gsm

Catalog Number: 3041829

Background: B6.129-Prkar2b

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11679434](#)

Organism Name: Prkar2b^{tm1Gsm}/Prkar2b^{tm1Gsm}

Record Creation Time: 20240120T190702+0000

Record Last Update: 20240130T202041+0000

Ratings and Alerts

No rating or validation information has been found for Prkar2b^{tm1Gsm}/Prkar2b^{tm1Gsm}.

No alerts have been found for Prkar2b^{tm1Gsm}/Prkar2b^{tm1Gsm}.

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.