

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

[Prkar2b^{tm2Gsm}/Prkar2b^{tm2Gsm}; AY/A](#)

RRID:MGI:3773448

Type: Organism

Proper Citation

RRID:MGI:3773448

Organism Information

URL:

Proper Citation: RRID:MGI:3773448

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

Species: Mus musculus

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

Phenotype: increased gonadal fat pad weight, growth/size/body region phenotype, hyperactivity, increased brown adipose tissue amount, increased percent body fat/body weight, increased susceptibility to weight gain, yellow coat color, increased inguinal fat pad weight, behavior/neurological phenotype, increased retroperitoneal fat pad weight

Affected Gene: Prkar2b, a

Genomic Alteration: y, A, tm2Gsm

Catalog Number: 3773448

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18172198](#)

Organism Name: Prkar2b^{tm2Gsm}/Prkar2b^{tm2Gsm}; AY/A

Record Creation Time: 20240120T190446+0000

Record Last Update: 20240130T201923+0000

Ratings and Alerts

No rating or validation information has been found for Prkar2b^{tm2Gsm}/Prkar2b^{tm2Gsm}; AY/A.

No alerts have been found for Prkar2b^{tm2Gsm}/Prkar2b^{tm2Gsm}; AY/A.

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.