

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

[Prkar1a^{tm1Gsm}/Prkar1a⁺](#)

RRID:MGI:3625140

Type: Organism

Proper Citation

RRID:MGI:3625140

Organism Information

URL:

Proper Citation: RRID:MGI:3625140

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

Species: Mus musculus

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

Phenotype: increased tumor incidence, decreased heart rate variability, increased sarcoma incidence, reduced male fertility, increased fibrosarcoma incidence, pigmentation phenotype, increased hepatocellular carcinoma incidence, increased hemangiosarcoma incidence

Affected Gene: Prkar1a

Genomic Alteration: tm1Gsm

Catalog Number: 3625140

Background: involves: 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15371594](#)

Organism Name: Prkar1a^{tm1Gsm}/Prkar1a⁺

Record Creation Time: 20240120T190557+0000

Record Last Update: 20240130T202057+0000

Ratings and Alerts

No rating or validation information has been found for Prkar1a^{tm1Gsm}/Prkar1a⁺.

No alerts have been found for Prkar1a^{tm1Gsm}/Prkar1a⁺.

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.