

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

[Prkaca^{tm1Gsm}/Prkaca^{tm1Gsm}](#); [Prkacb^{tm1Gsm}/Prkacb⁺](#)

RRID:MGI:3628811

Type: Organism

Proper Citation

RRID:MGI:3628811

Organism Information

URL:

Proper Citation: RRID:MGI:3628811

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

Species: Mus musculus

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

Phenotype: abnormal neuron specification, abnormal spine curvature, abnormal vertebral arch morphology, abnormal vertebral column morphology, abnormal dorsal root ganglion morphology, abnormal neural tube morphology, abnormal embryonic neuroepithelium morphology, disorganized dorsal root ganglion, embryonic lethality, complete penetrance, exencephaly, spina bifida

Affected Gene: Prkaca, Prkacb

Genomic Alteration: tm1Gsm

Catalog Number: 3628811

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11886853](#)

Organism Name: Prkaca^{tm1Gsm}/Prkaca^{tm1Gsm}; Prkacb^{tm1Gsm}/Prkacb⁺

Record Creation Time: 20240120T190554+0000

Record Last Update: 20240130T202002+0000

Ratings and Alerts

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

No alerts have been found for Prkaca^{tm1Gsm}/Prkaca^{tm1Gsm}; Prkacb^{tm1Gsm}/Prkacb⁺.

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.