

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

[Prkaca^{tm1Gsm}/Prkaca⁺](#); [Prkar1a^{tm1.1Lsk}/Prkar1a⁺](#)

RRID:MGI:4868214

Type: Organism

Proper Citation

RRID:MGI:4868214

Organism Information

URL:

Proper Citation: RRID:MGI:4868214

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

Species: Mus musculus

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

Phenotype: abnormal bone mineralization, abnormal periosteum morphology, decreased bone mineral density, increased osteochondroma incidence, increased skeletal tumor incidence, increased osteosarcoma incidence, abnormal compact bone morphology, neoplasm, increased skeletal tumor incidence

Affected Gene: Prkar1a, Prkaca

Genomic Alteration: tm1Gsm, tm1.1Lsk

Catalog Number: 4868214

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:20421483](#), [PMID:20940146](#)

Organism Name: Prkaca^{tm1Gsm}/Prkaca⁺; Prkar1a^{tm1.1Lsk}/Prkar1a⁺

Record Creation Time: 20240120T190235+0000

Record Last Update: 20240130T201809+0000

Ratings and Alerts

No rating or validation information has been found for Prkaca^{tm1Gsm/Prkaca⁺}; Prkar1a^{tm1.1Lsk/Prkar1a⁺}.

No alerts have been found for Prkaca^{tm1Gsm/Prkaca⁺}; Prkar1a^{tm1.1Lsk/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.