

# Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

[Prkaca<sup>tm1Gsm</sup>/Prkaca<sup>+</sup>](#); [Prkar1a<sup>tm1.1Lsk</sup>/Prkar1a<sup>+</sup>](#)

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<sup>tm1Gsm</sup>/Prkaca<sup>+</sup>; Prkar1a<sup>tm1.1Lsk</sup>/Prkar1a<sup>+</sup>

**Record Creation Time:** 20240120T190235+0000

**Record Last Update:** 20240130T201809+0000

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## Ratings and Alerts

No rating or validation information has been found for Prkaca<sup>tm1Gsm/Prkaca<sup>+</sup></sup>; Prkar1a<sup>tm1.1Lsk/Prkar1a<sup>+</sup></sup>.

No alerts have been found for Prkaca<sup>tm1Gsm/Prkaca<sup>+</sup></sup>; Prkar1a<sup>tm1.1Lsk/Prkar1a<sup>+</sup></sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.