

# Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

## [Prkar1a<sup>tm1Gsm</sup>/Prkar1a<sup>+</sup>](#)

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<sup>tm1Gsm</sup>/Prkar1a<sup>+</sup>

**Record Creation Time:** 20240120T190557+0000

**Record Last Update:** 20240130T202057+0000

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## Ratings and Alerts

No rating or validation information has been found for Prkar1a<sup>tm1Gsm</sup>/Prkar1a<sup>+</sup>.

No alerts have been found for Prkar1a<sup>tm1Gsm</sup>/Prkar1a<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.