

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

## [Cacnb3<sup>tm1Acv</sup>/Cacnb3<sup>tm1Acv</sup>](#)

RRID:MGI:3640603

Type: Organism

### Proper Citation

RRID:MGI:3640603

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3640603

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

**Species:** Mus musculus

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

**Phenotype:** abnormal vascular smooth muscle morphology, abnormal calcium ion homeostasis, increased heart weight, increased systemic arterial diastolic blood pressure, abnormal interleukin secretion, increased systemic arterial systolic blood pressure, abnormal vascular smooth muscle physiology, increased systemic arterial blood pressure, vascular smooth muscle hypertrophy, enlarged heart, decreased interferon-gamma secretion, abnormal CD4-positive, alpha-beta T cell physiology

**Affected Gene:** Cacnb3

**Genomic Alteration:** tm1Acv

**Catalog Number:** 3640603

**Background:** involves: 129S1/Sv \* 129X1/SvJ

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:17028169](#), [PMID:12920136](#)

**Organism Name:** Cacnb3<sup>tm1Acv</sup>/Cacnb3<sup>tm1Acv</sup>

**Record Creation Time:** 20240120T190551+0000

**Record Last Update:** 20240130T201959+0000

---

## Ratings and Alerts

No rating or validation information has been found for  $\text{Cacnb3}^{\text{tm1Acv}}/\text{Cacnb3}^{\text{tm1Acv}}$ .

No alerts have been found for  $\text{Cacnb3}^{\text{tm1Acv}}/\text{Cacnb3}^{\text{tm1Acv}}$ .

---

## 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.