

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[Cacnb3^{tm1Acv}/Cacnb3^{tm1Acv}](#)

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^{tm1Acv}/Cacnb3^{tm1Acv}

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.