

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 29, 2026

[Chrnb4<sup>tm1Mdb</sup>/Chrnb4<sup>tm1Mdb</sup>; Chrna5<sup>tm1Mdb</sup>/Chrna5<sup>tm1Mdb</sup>](#)

RRID:MGI:3042858

Type: Organism

## Proper Citation

RRID:MGI:3042858

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3042858

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

**Species:** Mus musculus

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

**Phenotype:** decreased susceptibility to pharmacologically induced seizures

**Affected Gene:** Chrnb4, Chrna5

**Genomic Alteration:** tm1Mdb

**Catalog Number:** 3042858

**Background:** B6.129-Chrnb4 Chrna5

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:14996991](#)

**Organism Name:** Chrnb4<sup>tm1Mdb</sup>/Chrnb4<sup>tm1Mdb</sup>; Chrna5<sup>tm1Mdb</sup>/Chrna5<sup>tm1Mdb</sup>

**Record Creation Time:** 20240120T190700+0000

**Record Last Update:** 20240130T202040+0000

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## Ratings and Alerts

No rating or validation information has been found for Chrnb4<sup>tm1Mdb</sup>/Chrnb4<sup>tm1Mdb</sup>; Chrna5<sup>tm1Mdb</sup>/Chrna5<sup>tm1Mdb</sup>.

No alerts have been found for Chrnb4<sup>tm1Mdb</sup>/Chrnb4<sup>tm1Mdb</sup>; Chrna5<sup>tm1Mdb</sup>/Chrna5<sup>tm1Mdb</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.