

# Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

## [Chrna2<sup>tm1Jbou</sup>/Chrna2<sup>tm1Jbou</sup>](#)

RRID:MGI:3790875

Type: Organism

### Proper Citation

RRID:MGI:3790875

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3790875

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

**Species:** Mus musculus

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

**Phenotype:** nervous system phenotype, decreased physiological sensitivity to xenobiotic, abnormal inhibitory postsynaptic currents, abnormal excitatory postsynaptic currents, abnormal long term potentiation

**Affected Gene:** Chrna2

**Genomic Alteration:** tm1Jbou

**Catalog Number:** 3790875

**Background:** B6.129X1-Chrna2

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:17466021](#)

**Organism Name:** Chrna2<sup>tm1Jbou</sup>/Chrna2<sup>tm1Jbou</sup>

**Record Creation Time:** 20240120T190436+0000

**Record Last Update:** 20240130T201917+0000

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## Ratings and Alerts

No rating or validation information has been found for Chrna2<sup>tm1Jbou</sup>/Chrna2<sup>tm1Jbou</sup>.

No alerts have been found for Chrna2<sup>tm1Jbou</sup>/Chrna2<sup>tm1Jbou</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 found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Lotfipour S, et al. (2017) ??2\* Nicotinic acetylcholine receptors influence hippocampus-dependent learning and memory in adolescent mice. Learning & memory (Cold Spring Harbor, N.Y.), 24(6), 231.