

Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

[Chrna2^{tm1Jbou}/Chrna2^{tm1Jbou}](#)

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^{tm1Jbou}/Chrna2^{tm1Jbou}

Record Creation Time: 20240120T190436+0000

Record Last Update: 20240130T201917+0000

Ratings and Alerts

No rating or validation information has been found for Chrna2^{tm1Jbou}/Chrna2^{tm1Jbou}.

No alerts have been found for Chrna2^{tm1Jbou}/Chrna2^{tm1Jbou}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

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.