

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

[Chrna4^{tm1Jpc}/Chrna4^{tm1Jpc}](#)

RRID:MGI:3843520

Type: Organism

Proper Citation

RRID:MGI:3843520

Organism Information

URL:

Proper Citation: RRID:MGI:3843520

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

Species: Mus musculus

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

Phenotype: decreased immunoglobulin level, immune system phenotype, abnormal nicotine-mediated receptor currents, decreased chemically-elicited antinociception, increased IgG level, decreased IgG level, abnormal brain morphology

Affected Gene: Chrna4

Genomic Alteration: tm1Jpc

Catalog Number: 3843520

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15963492](#), [PMID:10235262](#)

Organism Name: Chrna4^{tm1Jpc}/Chrna4^{tm1Jpc}

Record Creation Time: 20240120T190342+0000

Record Last Update: 20240130T201846+0000

Ratings and Alerts

No rating or validation information has been found for Chrna4^{tm1Jpc}/Chrna4^{tm1Jpc}.

No alerts have been found for Chrna4^{tm1Jpc}/Chrna4^{tm1Jpc}.

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.