

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Chrna4^{tm1Lst}/Chrna4⁺](#)

RRID:MGI:4415172

Type: Organism

Proper Citation

RRID:MGI:4415172

Organism Information

URL:

Proper Citation: RRID:MGI:4415172

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

Species: Mus musculus

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

Phenotype: enhanced behavioral response to nicotine, abnormal motor learning, behavior/neurological phenotype, increased exploration in new environment, impaired behavioral response to addictive substance, increased anxiety-related response

Affected Gene: Chrna4

Genomic Alteration: tm1Lst

Catalog Number: 4415172

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11226318](#)

Organism Name: Chrna4^{tm1Lst}/Chrna4⁺

Record Creation Time: 20240120T190314+0000

Record Last Update: 20240130T201829+0000

Ratings and Alerts

No rating or validation information has been found for Chrna4^{tm1Lst}/Chrna4⁺.

No alerts have been found for Chrna4^{tm1Lst}/Chrna4⁺.

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.