Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 28, 2025

B6.129S7-*Chrnb2*^{tm1Mdb}/Mmnc

RRID:MMRRC_000211-UNC
Type: Organism

Proper Citation

RRID:MMRRC_000211-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=211

Proper Citation: RRID:MMRRC_000211-UNC

Description: Mus musculus with name B6.129S7-*Chrnb2*^{tm1Mdb}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: delayed ear emergence [MP:0000054]| delayed hair appearance [MP:0000422]| distended urinary bladder [MP:0000539]| abnormal urinary bladder urothelium morphology [MP:0000540]| decreased anxiety-related response [MP:0001364]| hyperactivity [MP:0001399]| postnatal growth retardation [MP:0001732]| no abnormal phenotype detected [MP:0002169]| increased susceptibility to bacterial infection [MP:0002412]| mydriasis [MP:0002546]| urinary incontinence [MP:0003280]| intestinal hypoperistalsis [MP:0003290]| abnormal single cell response [MP:0003463]| enhanced coordination [MP:0003858]| impaired passive avoidance behavior [MP:0004000]| abnormal lateral geniculate nucleus morphology [MP:0004165]| eyelids fail to open [MP:0005176]| narrow eye opening [MP:0005287]| abnormal eye electrophysiology [MP:0005551]| impaired pupillary reflex [MP:0006243]| abnormal autonomic nervous system physiology [MP:0006276]| urinary bladder inflammation [MP:0009646]| abnormal urinary bladder physiology [MP:0010386]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011625]

Affected Gene: Chrnb2

Catalog Number: 000211-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:10531434, PMID:10235262, PMID:9428762

Alternate IDs: MMRRC_211-UNC, MMRRC_000211, MMRRC_211

Organism Name: B6.129S7-*Chrnb2*^{tm1Mdb}/Mmnc

Record Creation Time: 20230308T054751+0000

Record Last Update: 20250419T222356+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S7-*Chrnb2*^{tm1Mdb}/Mmnc.

No alerts have been found for B6.129S7-*Chrnb2*^{tm1Mdb}/Mmnc.

Data and Source Information

Source: Integrated Animals

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Sottile SY, et al. (2017) Presynaptic Neuronal Nicotinic Receptors Differentially Shape Select Inputs to Auditory Thalamus and Are Negatively Impacted by Aging. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(47), 11377.