

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

B6.129S7-*Chrnb4*^{tm1Mdb}/Mmnc

RRID:MMRRC_000210-UNC

Type: Organism

Proper Citation

RRID:MMRRC_000210-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=210

Proper Citation: RRID:MMRRC_000210-UNC

Description: Mus musculus with name B6.129S7-*Chrnb4*^{tm1Mdb}/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: delayed ear emergence [MP:0000054]| delayed hair appearance [MP:0000422]| abnormal urinary bladder morphology [MP:0000538]| distended urinary bladder [MP:0000539]| abnormal urinary bladder urothelium morphology [MP:0000540]| postnatal growth retardation [MP:0001732]| increased susceptibility to bacterial infection [MP:0002412]| mydriasis [MP:0002546]| decreased susceptibility to pharmacologically induced seizures [MP:0002887]| urinary incontinence [MP:0003280]| intestinal hypoperistalsis [MP:0003290]| abnormal single cell response [MP:0003463]| eyelids fail to open [MP:0005176]| narrow eye opening [MP:0005287]| 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: Chrnb4

Catalog Number: 000210-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12606764](#)

Alternate IDs: MMRRC_210-UNC, MMRRC_000210, MMRRC_21

Organism Name: B6.129S7-*Chrn*b4^{tm1Mdb}/Mmnc

Record Creation Time: 20230308T054751+0000

Record Last Update: 20260801T123203+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S7-*Chrn*b4^{tm1Mdb}/Mmnc.

No alerts have been found for B6.129S7-*Chrn*b4^{tm1Mdb}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.