

Resource Summary Report

Generated by [RRID](#) on Aug 9, 2026

B6N.129S4(Cg)-Chrna4^{tm1Dra}/Mmucd

RRID:MMRRC_069506-UCD

Type: Organism

Proper Citation

RRID:MMRRC_069506-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=69506

Proper Citation: RRID:MMRRC_069506-UCD

Description: Mus musculus with name B6N.129S4(Cg)-Chrna4^{tm1Dra}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: increased anxiety-related response [MP:0001363]| abnormal response to new environment [MP:0001413]| decreased grooming behavior [MP:0001442]| abnormal emotion/affect behavior [MP:0002572]| increased vertical activity [MP:0002574]| increased susceptibility to pharmacologically induced seizures [MP:0002906]| abnormal locomotor activation [MP:0003313]| abnormal brain wave pattern [MP:0004994]| abnormal behavioral response to addictive substance [MP:0009748]

Affected Gene: Chrna4

Catalog Number: 069506-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:10964949](#)

Alternate IDs: MMRRC_69506-UCD, MMRRC_069506, MMRRC_6956

Organism Name: B6N.129S4(Cg)-Chrna4^{tm1Dra}/Mmucd

Record Creation Time: 20230308T055518+0000

Record Last Update: 20260808T125046+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S4(Cg)-*Chrna4*^{tm1Dra}/Mmucd.

No alerts have been found for B6N.129S4(Cg)-*Chrna4*^{tm1Dra}/Mmucd.

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.