

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6.129X1-*Chrna4*^{tm1Jbou}/Mmucd

RRID:MMRRC_030293-UCD

Type: Organism

Proper Citation

RRID:MMRRC_030293-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30293

Proper Citation: RRID:MMRRC_030293-UCD

Description: Mus musculus with name B6.129X1-*Chrna4*^{tm1Jbou}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: seizures [MP:0002064]| abnormal inhibitory postsynaptic currents [MP:0002945]| abnormal nervous system physiology [MP:0003633]| clonic seizures [MP:0003996]| abnormal brain wave pattern [MP:0004994]| behavioral arrest [MP:0008035]

Affected Gene: Chrna4

Catalog Number: 030293-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:17146052](#)

Alternate IDs: MMRRC_30293-UCD, MMRRC_030293, MMRRC_3293

Organism Name: B6.129X1-*Chrna4*^{tm1Jbou}/Mmucd

Record Creation Time: 20230308T055119+0000

Record Last Update: 20260801T124210+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-*Chrna4*^{tm1Jbou}/Mmucd.

No alerts have been found for B6.129X1-*Chrna4*^{tm1Jbou}/Mmucd.

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 [RRID](#) .

Puligheddu M, et al. (2017) Rationale for an adjunctive therapy with fenofibrate in pharmacoresistant nocturnal frontal lobe epilepsy. *Epilepsia*, 58(10), 1762.