

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

B6.129-Kif5a^{tm2Gsn}/Mmucd

RRID:MMRRC_000224-UCD

Type: Organism

Proper Citation

RRID:MMRRC_000224-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=224

Proper Citation: RRID:MMRRC_000224-UCD

Description: Mus musculus with name B6.129-Kif5a^{tm2Gsn}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cell Biology, Developmental Biology, Internal/Organ, Models for Human Disease, Neurobiology, Research Tools, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: tremors [MP:0000745]| hindlimb paralysis [MP:0000755]| sporadic seizures [MP:0000951]| decreased body weight [MP:0001262]| decreased body size [MP:0001265]| impaired coordination [MP:0001405]| abnormal posture [MP:0001504]| premature death [MP:0002083]| abnormal axonal transport [MP:0004768]| axon degeneration [MP:0005405]| abnormal protein level [MP:0008469]| lethality at weaning [MP:0011084]

Affected Gene: Kif5a

Catalog Number: 000224-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12682084](#)

Alternate IDs: MMRRC_224-UCD, MMRRC_000224, MMRRC_224

Organism Name: B6.129-Kif5a^{tm2Gsn}/Mmucd

Record Creation Time: 20230308T054751+0000

Record Last Update: 20260801T123204+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-*Kif5a*^{tm2Gsn}/Mmucd.

No alerts have been found for B6.129-*Kif5a*^{tm2Gsn}/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](#) .

Shah SH, et al. (2022) Quantitative transportomics identifies Kif5a as a major regulator of neurodegeneration. eLife, 11.