

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

B6.129-Kif5a^{tm1Gsn}/Mmucd

RRID:MMRRC_000223-UCD

Type: Organism

Proper Citation

RRID:MMRRC_000223-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=223

Proper Citation: RRID:MMRRC_000223-UCD

Description: Mus musculus with name B6.129-Kif5a^{tm1Gsn}/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]| abnormal motor neuron morphology [MP:0000937]| sporadic seizures [MP:0000951]| atelectasis [MP:0001177]| decreased body weight [MP:0001262]| decreased body size [MP:0001265]| impaired coordination [MP:0001405]| abnormal posture [MP:0001504]| cyanosis [MP:0001575]| abnormal breathing pattern [MP:0001951]| premature death [MP:0002083]| abnormal axonal transport [MP:0004768]| axon degeneration [MP:0005405]| abnormal protein level [MP:0008469]| abnormal vesicle-mediated transport [MP:0008546]| lethality at weaning [MP:0011084]| incomplete penetrance [MP:0011087]

Affected Gene: Kif5a

Catalog Number: 000223-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12682084](#)

Alternate IDs: MMRRC_223-UCD, MMRRC_000223, MMRRC_223

Organism Name: B6.129-*Kif5a*^{tm1Gsn}/Mmucd

Record Creation Time: 20230308T054751+0000

Record Last Update: 20260808T123105+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-*Kif5a*^{tm1Gsn}/Mmucd.

No alerts have been found for B6.129-*Kif5a*^{tm1Gsn}/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.