

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

C57BL/6N-Atm1Brd Kif1btm1b(KOMP)Wtsi/JMmucd

RRID:MMRRC_048319-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048319-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48319

Proper Citation: RRID:MMRRC_048319-UCD

Description: Mus musculus with name C57BL/6N-Atm1Brd Kif1btm1b(KOMP)Wtsi/JMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: hyperactivity [MP:0001399] cyanosis [MP:0001575] abnormal embryo size [MP:0001697] hemorrhage [MP:0001914] abnormal limb morphology [MP:0002109] abnormal outer ear morphology [MP:0002177] increased circulating chloride level [MP:0003019] abnormal facial morphology [MP:0003743] increased circulating glucose level [MP:0005559] decreased circulating glucose level [MP:0005560] increased circulating sodium level [MP:0005633] increased mean corpuscular hemoglobin concentration [MP:0005641] preweaning lethality [MP:0011100] complete penetrance [MP:0011275] abnormal behavioral response to light [MP:0011495]

Affected Gene: |Kif1b|

Catalog Number: 048319-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_48319-UCD, MMRRC_048319, MMRRC_48319

Organism Name: C57BL/6N-*Atm1Brd Kif1btm1b(KOMP)Wtsi/JMmucd*

Record Creation Time: 20230308T055256+0000

Record Last Update: 20260815T125502+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atm1Brd Kif1btm1b(KOMP)Wtsi/JMmucd*.

No alerts have been found for C57BL/6N-*Atm1Brd Kif1btm1b(KOMP)Wtsi/JMmucd*.

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.