

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

B6N.129S5-Kif7^{tm1Lex}/Mmucd

RRID:MMRRC_032419-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032419-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32419

Proper Citation: RRID:MMRRC_032419-UCD

Description: Mus musculus with name B6N.129S5-Kif7^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: polydactyly [MP:0000562]| exencephaly [MP:0000914]| abnormal spinal cord morphology [MP:0000955]| microphthalmia [MP:0001297]| edema [MP:0001785]| abnormal limb bud morphology [MP:0005650]| preaxial polydactyly [MP:0009743]

Affected Gene: Kif7

Catalog Number: 032419-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_32419-UCD, MMRRC_032419, MMRRC_32419

Organism Name: B6N.129S5-Kif7^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055128+0000

Record Last Update: 20260815T124634+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S5-*Kif7*^{tm1Lex}/Mmucd.

No alerts have been found for B6N.129S5-*Kif7*^{tm1Lex}/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 [NIF](#) .

Lau CI, et al. (2017) The kinesin motor protein Kif7 is required for T-cell development and normal MHC expression on thymic epithelial cells (TEC) in the thymus. Oncotarget, 8(15), 24163.