

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

C57BL/6N-*Ulk4tm1a(KOMP)*Wtsi/MbpMmucd

RRID:MMRRC_050287-UCD

Type: Organism

Proper Citation

RRID:MMRRC_050287-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50287

Proper Citation: RRID:MMRRC_050287-UCD

Description: Mus musculus with name C57BL/6N-*Ulk4tm1a(KOMP)*Wtsi/MbpMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: domed cranium [MP:0000440]| abnormal stomach morphology [MP:0000470]| decreased corpus callosum size [MP:0000781]| dilated lateral ventricles [MP:0000825]| dilated third ventricle [MP:0000827]| obstructive hydrocephaly [MP:0000917]| decreased body weight [MP:0001262]| postnatal growth retardation [MP:0001732]| small stomach [MP:0002691]| cerebral aqueductal stenosis [MP:0002958]| abnormal subcommissural organ morphology [MP:0009716]| abnormal brain ependyma motile cilium morphology [MP:0011056]| absent brain ependyma motile cilia [MP:0011057]| abnormal brain ependyma motile cilium physiology [MP:0011069]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011380]| enlarged brain ventricles [MP:0011940]| decreased food intake [MP:0012676]| dilated brain ventricles [MP:0013907]

Affected Gene: *Ulk4*

Catalog Number: 050287-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_50287-UCD, MMRRC_050287, MMRRC_5287

Organism Name: C57BL/6N-*Ulk4*^{tm1a(KOMP)}*Wtsi*/MbpMmucd

Record Creation Time: 20230308T055311+0000

Record Last Update: 20260912T135157+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Ulk4*^{tm1a(KOMP)}*Wtsi*/MbpMmucd.

No alerts have been found for C57BL/6N-*Ulk4*^{tm1a(KOMP)}*Wtsi*/MbpMmucd.

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.