

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

C57BL/6N-B4gat1tm1(KOMP)Vlclg/MbpMmucd

RRID:MMRRC_046758-UCD

Type: Organism

Proper Citation

RRID:MMRRC_046758-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=46758

Proper Citation: RRID:MMRRC_046758-UCD

Description: Mus musculus with name C57BL/6N-B4gat1tm1(KOMP)Vlclg/MbpMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: dystrophic muscle [MP:0000752]| hunched posture [MP:0001505]| limb grasping [MP:0001513]| hydrocephaly [MP:0001891]| abnormal axon guidance [MP:0002961]| abnormal basement membrane morphology [MP:0004272]| abnormal neuronal migration [MP:0006009]| skeletal muscle atrophy [MP:0009417]| abnormal axon fasciculation [MP:0009450]| abnormal spinal cord dorsal column morphology [MP:0009677]| abnormal spinal cord ventral commissure morphology [MP:0009695]| perinatal lethality [MP:0011090]| incomplete penetrance [MP:0011098]| embryonic lethality during organogenesis [MP:0011723]| complete penetrance [MP:0020391]

Affected Gene: B4gat1

Catalog Number: 046758-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_46758-UCD, MMRRC_046758, MMRRC_46758

Organism Name: C57BL/6N-*B4gat1tm1(KOMP)Vl*cg/MbpMmucd

Record Creation Time: 20230308T055245+0000

Record Last Update: 20260919T134151+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*B4gat1tm1(KOMP)Vl*cg/MbpMmucd.

No alerts have been found for C57BL/6N-*B4gat1tm1(KOMP)Vl*cg/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.