

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

C57BL/6N-Ncaldtm1.1(KOMP)Vlclg/JMmucd

RRID:MMRRC_048744-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048744-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48744

Proper Citation: RRID:MMRRC_048744-UCD

Description: Mus musculus with name C57BL/6N-Ncaldtm1.1(KOMP)Vlclg/JMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased bone mineral density [MP:0000063]| decreased circulating HDL cholesterol level [MP:0000186]| decreased body length [MP:0001258]| hyperactivity [MP:0001399]| mydriasis [MP:0002546]| increased circulating alkaline phosphatase level [MP:0002968]| abnormal bone structure [MP:0003795]| decreased lean body mass [MP:0003961]| abnormal behavior [MP:0004924]| decreased circulating glucose level [MP:0005560]| increased circulating sodium level [MP:0005633]| decreased mean corpuscular hemoglobin concentration [MP:0005642]| impaired pupillary reflex [MP:0006243]| increased total body fat amount [MP:0010024]| decreased total body fat amount [MP:0010025]| abnormal retinal blood vessel morphology [MP:0010097]| decreased bone mineral content [MP:0010124]| abnormal sleep behavior [MP:0011396]

Affected Gene: Ncal

Catalog Number: 048744-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_48744-UCD, MMRRC_048744, MMRRC_48744

Organism Name: C57BL/6N-*Ncaldtm1.1(KOMP)Vlcg*/JMmucd

Record Creation Time: 20230308T055259+0000

Record Last Update: 20260905T111141+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Ncaldtm1.1(KOMP)Vlcg*/JMmucd.

No alerts have been found for C57BL/6N-*Ncaldtm1.1(KOMP)Vlcg*/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.