

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

C57BL/6N-Macrod2tm1.1(KOMP)Vlclg/JMmucd

RRID:MMRRC_048514-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048514-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48514

Proper Citation: RRID:MMRRC_048514-UCD

Description: Mus musculus with name C57BL/6N-Macrod2tm1.1(KOMP)Vlclg/JMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: convulsive seizures [MP:0000947]| decreased body length [MP:0001258]| abnormal retina morphology [MP:0001325]| hyperactivity [MP:0001399]| increased vertical activity [MP:0002574]| decreased circulating insulin level [MP:0002727]| decreased lean body mass [MP:0003961]| abnormal behavior [MP:0004924]| improved glucose tolerance [MP:0005292]| increased blood urea nitrogen level [MP:0005565]| increased bone mineral content [MP:0010123]| abnormal behavioral response to light [MP:0011275]| abnormal sleep behavior [MP:0011396]| increased fasted circulating glucose level [MP:0013279]

Affected Gene: Macrod2

Catalog Number: 048514-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_48514-UCD, MMRRC_048514, MMRRC_48514

Organism Name: C57BL/6N-Macrod2tm1.1(KOMP)Vlclg/JMmucd

Record Creation Time: 20230308T055258+0000

Record Last Update: 20260815T125502+0000

Ratings and Alerts

No rating or validation information has been found for *C57BL/6N-Macrod2tm1.1(KOMP)Vlcg/JMmucd*.

No alerts have been found for *C57BL/6N-Macrod2tm1.1(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.