

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

C57BL/6N-*Chn1*^{tm1.1(KOMP)}*Vl*^{cg}/JMmucd

RRID:MMRRC_047093-UCD

Type: Organism

Proper Citation

RRID:MMRRC_047093-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=47093

Proper Citation: RRID:MMRRC_047093-UCD

Description: Mus musculus with name C57BL/6N-*Chn1*^{tm1.1(KOMP)}*Vl*^{cg}/JMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased circulating HDL cholesterol level [MP:0000186]| hyperactivity [MP:0001399]| hypoactivity [MP:0001402]| impaired righting response [MP:0001523]| increased hematocrit [MP:0002608]| decreased circulating free fatty acid level [MP:0002702]| decreased circulating insulin level [MP:0002727]| increased circulating alkaline phosphatase level [MP:0002968]| increased lean body mass [MP:0003960]| abnormal behavior [MP:0004924]| decreased circulating glucose level [MP:0005560]| increased mean corpuscular hemoglobin [MP:0005561]| increased hemoglobin content [MP:0005564]| increased circulating sodium level [MP:0005633]| decreased total body fat amount [MP:0010025]| abnormal behavioral response to light [MP:0011275]

Affected Gene: *Chn1*

Catalog Number: 047093-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_47093-UCD, MMRRC_047093, MMRRC_4793

Organism Name: C57BL/6N-*Chn1tm1.1(KOMP)Vlcg*/JMmucd

Record Creation Time: 20230308T055247+0000

Record Last Update: 20260815T125406+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Chn1tm1.1(KOMP)Vlcg*/JMmucd.

No alerts have been found for C57BL/6N-*Chn1tm1.1(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.