

Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

[Nhlrc1^{tm1\(KOMP\)Vlcg}/Nhlrc1^{tm1\(KOMP\)Vlcg}](#)

RRID:MGI:4839642

Type: Organism

Proper Citation

RRID:MGI:4839642

Organism Information

URL:

Proper Citation: RRID:MGI:4839642

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: gliosis, increased skeletal muscle glycogen level, abnormal astrocyte morphology, abnormal brain morphology, increased skeletal muscle glycogen level, increased glycogen level, increased brain glycogen level, decreased anxiety-related response, enhanced long term potentiation, increased susceptibility to pharmacologically induced seizures, Lafora bodies, abnormal brain morphology, abnormal glial cell morphology, abnormal neuron morphology, Lafora bodies, hippocampal neuron degeneration, abnormal excitatory postsynaptic potential, hyperactivity, increased cardiac muscle glycogen level

Affected Gene: Nhlrc1

Genomic Alteration: tm1(KOMP)Vlcg

Catalog Number: 4839642

Background: involves: C57BL/6J * C57BL/6NTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21882344](#), [PMID:25059425](#), [PMID:20538597](#)

Organism Name: Nhlrc1^{tm1(KOMP)Vlcg}/Nhlrc1^{tm1(KOMP)Vlcg}

Record Creation Time: 20240120T190240+0000

Record Last Update: 20240130T201811+0000

Ratings and Alerts

No rating or validation information has been found for Nhlrc1^{tm1(KOMP)Vlcg}/Nhlrc1^{tm1(KOMP)Vlcg}.

No alerts have been found for Nhlrc1^{tm1(KOMP)Vlcg}/Nhlrc1^{tm1(KOMP)Vlcg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.