

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

C57BL/6N-Sik1tm1.1(KOMP)Vlclg/MbpMmucd

RRID:MMRRC_049654-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049654-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49654

Proper Citation: RRID:MMRRC_049654-UCD

Description: Mus musculus with name C57BL/6N-Sik1tm1.1(KOMP)Vlclg/MbpMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased body length [MP:0001258]| increased heart weight [MP:0002833]| increased lean body mass [MP:0003960]| decreased lean body mass [MP:0003961]| improved glucose tolerance [MP:0005292]| decreased total body fat amount [MP:0010025]| increased bone mineral content [MP:0010123]

Affected Gene: Sik1

Catalog Number: 049654-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#), [PMID:30753170](#)

Alternate IDs: MMRRC_49654-UCD, MMRRC_049654, MMRRC_49654

Organism Name: C57BL/6N-Sik1tm1.1(KOMP)Vlclg/MbpMmucd

Record Creation Time: 20230308T055306+0000

Record Last Update: 20260912T135146+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Sik1*^{tm1.1(KOMP)}*Vl*^{cg}/MbpMmucd.

No alerts have been found for C57BL/6N-*Sik1*^{tm1.1(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 found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Mock JR, et al. (2019) Transcriptional analysis of Foxp3+ Tregs and functions of two identified molecules during resolution of ALI. JCI insight, 4(6).