

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

[Synm^{tm1.1\(KOMP\)Vl}cg/Synm^{tm1.1\(KOMP\)Vl}cg](#)

RRID:MGI:5750322

Type: Organism

Proper Citation

RRID:MGI:5750322

Organism Information

URL:

Proper Citation: RRID:MGI:5750322

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

Species: Mus musculus

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

Phenotype: decreased cardiac stroke volume, cardiac hypertrophy, cardiomyopathy, decreased skeletal muscle size, decreased cardiac output, abnormal muscle morphology, abnormal heart morphology, increased heart weight, abnormal skeletal muscle morphology, increased body weight, dilated heart left ventricle, decreased ventricle muscle contractility, increased heart rate, abnormal muscle physiology, skeletal muscle necrosis, muscle twitch, abnormal sarcolemma morphology, abnormal muscle fiber morphology, abnormal heart echocardiography feature, decreased skeletal muscle mass, muscle fatigue, heart left ventricle hypertrophy, enlarged myocardial fiber, abnormal myocardial fiber physiology, cardiac fibrosis, thin ventricular wall, myocardium hypertrophy

Affected Gene: Synm

Genomic Alteration: tm1.1(KOMP)Vl

Catalog Number: 5750322

Background: involves: C57BL/6NTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:29247678](#), [PMID:25567810](#)

Organism Name: Synm^{tm1.1(KOMP)Vlcg}/Synm^{tm1.1(KOMP)Vlcg}

Record Creation Time: 20240120T185923+0000

Record Last Update: 20240130T201614+0000

Ratings and Alerts

No rating or validation information has been found for Synm^{tm1.1(KOMP)Vlcg}/Synm^{tm1.1(KOMP)Vlcg}.

No alerts have been found for Synm^{tm1.1(KOMP)Vlcg}/Synm^{tm1.1(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.