

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

KOMP ES cell line *Klhl40tm1(KOMP)Vlcg*

RRID:MMRRC_057665-UCD

Type: Organism

Proper Citation

RRID:MMRRC_057665-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=57665

Proper Citation: RRID:MMRRC_057665-UCD

Description: Mus musculus with name KOMP ES cell line *Klhl40tm1(KOMP)Vlcg* from MMRRC.

Species: Mus musculus

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

Phenotype: muscle weakness [MP:0000747]| myopathy [MP:0000751]| abnormal skeletal muscle morphology [MP:0000759]| decreased body size [MP:0001265]| postnatal growth retardation [MP:0001732]| abnormal muscle physiology [MP:0002106]| small heart [MP:0002188]| impaired skeletal muscle contractility [MP:0002841]| abnormal sarcomere morphology [MP:0004090]| abnormal Z line morphology [MP:0004091]| decreased heart rate [MP:0005333]| postnatal lethality [MP:0011085]

Affected Gene: Klhl40

Catalog Number: 057665-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_57665-UCD, MMRRC_057665, MMRRC_57665

Organism Name: KOMP ES cell line *Klhl40tm1(KOMP)Vlcg*

Record Creation Time: 20230308T055402+0000

Record Last Update: 20260829T124940+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Klh40tm1(KOMP)Vlcg*.

No alerts have been found for KOMP ES cell line *Klh40tm1(KOMP)Vlcg*.

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.