

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

KOMP ES cell line *Tigartm1(KOMP)Vlcg*

RRID:MMRRC_063577-UCD

Type: Organism

Proper Citation

RRID:MMRRC_063577-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=63577

Proper Citation: RRID:MMRRC_063577-UCD

Description: Mus musculus with name KOMP ES cell line *Tigartm1(KOMP)Vlcg* from MMRRC.

Species: Mus musculus

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

Affected Gene: Tigar

Catalog Number: 063577-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_63577-UCD, MMRRC_063577, MMRRC_63577

Organism Name: KOMP ES cell line *Tigartm1(KOMP)Vlcg*

Record Creation Time: 20230308T055446+0000

Record Last Update: 20260919T134702+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Tigartm1(KOMP)Vlcg*.

No alerts have been found for KOMP ES cell line *Tigartm1(KOMP)Vlcg*.

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](#) .

Tang Y, et al. (2022) TIGAR deficiency enhances skeletal muscle thermogenesis by increasing neuromuscular junction cholinergic signaling. *eLife*, 11.