

Resource Summary Report

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

KOMP ES cell line *Amigo1tm1(KOMP)Vlcg*

RRID:MMRRC_052047-UCD

Type: Organism

Proper Citation

RRID:MMRRC_052047-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=52047

Proper Citation: RRID:MMRRC_052047-UCD

Description: Mus musculus with name KOMP ES cell line *Amigo1tm1(KOMP)Vlcg* from MMRRC.

Species: Mus musculus

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

Affected Gene: *Amigo1*

Catalog Number: 052047-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_52047-UCD, MMRRC_052047, MMRRC_5247

Organism Name: KOMP ES cell line *Amigo1tm1(KOMP)Vlcg*

Record Creation Time: 20230308T055321+0000

Record Last Update: 20260815T125723+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Amigo1tm1(KOMP)Vlcg*.

No alerts have been found for KOMP ES cell line *Amigo1tm1(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](#) .

Raja R, et al. (2024) Insertion of a neomycin selection cassette in the *Amigo1* locus alters gene expression in the olfactory epithelium leading to region-specific defects in olfactory receptor neuron development. *Genesis* (New York, N.Y. : 2000), 62(2), e23594.