

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

KOMP ES cell line *Cldn12tm1(KOMP)Vlcg*

RRID:MMRRC_053773-UCD

Type: Organism

Proper Citation

RRID:MMRRC_053773-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=53773

Proper Citation: RRID:MMRRC_053773-UCD

Description: Mus musculus with name KOMP ES cell line *Cldn12tm1(KOMP)Vlcg* from MMRRC.

Species: Mus musculus

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

Affected Gene: Cldn12

Catalog Number: 053773-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_53773-UCD, MMRRC_053773, MMRRC_53773

Organism Name: KOMP ES cell line *Cldn12tm1(KOMP)Vlcg*

Record Creation Time: 20230308T055333+0000

Record Last Update: 20260905T111239+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Cldn12tm1(KOMP)Vlcg*.

No alerts have been found for KOMP ES cell line *Cldn12tm1(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](#) .

Plain A, et al. (2020) Claudin-12 Knockout Mice Demonstrate Reduced Proximal Tubule Calcium Permeability. International journal of molecular sciences, 21(6).