

Resource Summary Report

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

KOMP ES cell line *Acer1tm1(KOMP)Vlcg*

RRID:MMRRC_051689-UCD

Type: Organism

Proper Citation

RRID:MMRRC_051689-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=51689

Proper Citation: RRID:MMRRC_051689-UCD

Description: Mus musculus with name KOMP ES cell line *Acer1tm1(KOMP)Vlcg* from MMRRC.

Species: Mus musculus

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

Phenotype: alopecia [MP:0000414] abnormal hair cycle [MP:0000427] weight loss [MP:0001263] abnormal sebaceous lipid secretion [MP:0002992] abnormal skin development [MP:0003941] abnormal skin physiology [MP:0005501] abnormal enzyme/coenzyme activity [MP:0005584] abnormal hair cycle anagen phase [MP:0008858] abnormal hair cycle telogen phase [MP:0008860] sebaceous gland hypertrophy [MP:0009793] dilated hair follicle infundibulum [MP:0010683] abnormal hair follicle physiology [MP:0011194] abnormal piliary canal morphology [MP:0030570]

Affected Gene: *Acer1*

Catalog Number: 051689-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_51689-UCD, MMRRC_051689, MMRRC_51689

Organism Name: KOMP ES cell line *Acer1tm1(KOMP)Vlcg*

Record Creation Time: 20230308T055319+0000

Record Last Update: 20260912T135217+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Acer1tm1(KOMP)Vlclg*.

No alerts have been found for KOMP ES cell line *Acer1tm1(KOMP)Vlclg*.

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.