

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

KOMP ES cell line *Ptcd1tm1(KOMP)Vlcg*

RRID:MMRRC_060923-UCD

Type: Organism

Proper Citation

RRID:MMRRC_060923-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=60923

Proper Citation: RRID:MMRRC_060923-UCD

Description: Mus musculus with name KOMP ES cell line *Ptcd1tm1(KOMP)Vlcg* from MMRRC.

Species: Mus musculus

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

Phenotype: obese [MP:0001261]| increased circulating triglyceride level [MP:0001552]| cardiac hypertrophy [MP:0001625]| hepatic steatosis [MP:0002628]| thick ventricular wall [MP:0002953]| liver fibrosis [MP:0003333]| impaired glucose tolerance [MP:0005293]| insulin resistance [MP:0005331]| increased cardiac muscle contractility [MP:0005599]| increased circulating leptin level [MP:0005669]| abnormal mitochondrion morphology [MP:0006035]| abnormal mitochondrial physiology [MP:0006036]| decreased heart left ventricle size [MP:0010580]| thick interventricular septum [MP:0010724]| abnormal oxidative phosphorylation [MP:0010959]| embryonic lethality [MP:0011092]| complete penetrance [MP:0011635]

Affected Gene: *Ptcd1*

Catalog Number: 060923-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_60923-UCD, MMRRC_060923, MMRRC_6923

Organism Name: KOMP ES cell line *Ptcd1tm1(KOMP)Vlclg*

Record Creation Time: 20230308T055426+0000

Record Last Update: 20260815T130331+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Ptcd1tm1(KOMP)Vlclg*.

No alerts have been found for KOMP ES cell line *Ptcd1tm1(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.