

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

KOMP ES cell line *Ap4e1tm1a(KOMP)Wtsi*

RRID:MMRRC_052166-UCD

Type: Organism

Proper Citation

RRID:MMRRC_052166-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=52166

Proper Citation: RRID:MMRRC_052166-UCD

Description: Mus musculus with name KOMP ES cell line *Ap4e1tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: increased bone mineral density [MP:0000062]| abnormal femur morphology [MP:0000559]| decreased corpus callosum size [MP:0000781]| anemia [MP:0001577]| decreased vertical activity [MP:0002757]| decreased hemoglobin content [MP:0002874]| increased lean body mass [MP:0003960]| abnormal behavior [MP:0004924]| decreased mean corpuscular hemoglobin [MP:0005562]| enlarged lateral ventricles [MP:0008535]

Affected Gene: *Ap4e1*

Catalog Number: 052166-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_52166-UCD, MMRRC_052166, MMRRC_52166

Organism Name: KOMP ES cell line *Ap4e1tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055322+0000

Record Last Update: 20260801T124817+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Ap4e1tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Ap4e1tm1a(KOMP)Wtsi*.

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.