

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

KOMP ES cell line *Peds1tm1a(KOMP)Wtsi*

RRID:MMRRC_063776-UCD

Type: Organism

Proper Citation

RRID:MMRRC_063776-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=63776

Proper Citation: RRID:MMRRC_063776-UCD

Description: Mus musculus with name KOMP ES cell line *Peds1tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: decreased bone mineral density [MP:0000063]| decreased circulating HDL cholesterol level [MP:0000186]| decreased circulating calcium level [MP:0000195]| decreased hematocrit [MP:0000208]| increased mean corpuscular volume [MP:0002590]| increased mean platelet volume [MP:0002599]| decreased circulating insulin level [MP:0002727]| decreased hemoglobin content [MP:0002874]| decreased erythrocyte cell number [MP:0002875]| decreased circulating glycerol level [MP:0003442]| abnormal bone structure [MP:0003795]| decreased lean body mass [MP:0003961]| decreased circulating iron level [MP:0004151]| decreased T cell number [MP:0005018]| impaired glucose tolerance [MP:0005293]| decreased circulating thyroxine level [MP:0005478]| decreased circulating total protein level [MP:0005567]| increased circulating potassium level [MP:0005627]| decreased CD4-positive [MP:0008075]| alpha beta T cell number [MP:0008079]| decreased CD8-positive [MP:0010092]| alpha-beta T cell number [MP:0010096]| increased circulating magnesium level [MP:0010124]

Affected Gene: *Peds1*

Catalog Number: 063776-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_63776-UCD, MMRRC_063776, MMRRC_63776

Organism Name: KOMP ES cell line *Peds1tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055448+0000

Record Last Update: 20260919T134706+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Peds1tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Peds1tm1a(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.