

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

KOMP ES cell line *Mfap2tm1a(KOMP)Wtsi*

RRID:MMRRC_058554-UCD

Type: Organism

Proper Citation

RRID:MMRRC_058554-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=58554

Proper Citation: RRID:MMRRC_058554-UCD

Description: Mus musculus with name KOMP ES cell line *Mfap2tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: decreased bone mineral density [MP:0000063]| increased monocyte cell number [MP:0000220]| decreased leukocyte cell number [MP:0000221]| decreased neutrophil cell number [MP:0000222]| increased body weight [MP:0001260]| hyperglycemia [MP:0001559]| increased B cell number [MP:0005014]| decreased B cell number [MP:0005017]| insulin resistance [MP:0005331]| increased macrophage cell number [MP:0005425]| increased myeloid dendritic cell number [MP:0008121]| increased gonadal fat pad weight [MP:0009285]| increased splenocyte number [MP:0009338]| decreased trabecular bone volume [MP:0010879]| increased fasted circulating glucose level [MP:0013279]| abnormal hemopoiesis [MP:0013693]| abnormal bone marrow adipose tissue morphology [MP:0030007]| increased bone marrow adipose tissue amount [MP:0030009]

Affected Gene: Mfap2

Catalog Number: 058554-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_58554-UCD, MMRRC_058554, MMRRC_58554

Organism Name: KOMP ES cell line *Mfap2tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055409+0000

Record Last Update: 20260815T130155+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Mfap2tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Mfap2tm1a(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.