

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

KOMP ES cell line *Miga2tm2a(KOMP)Wtsi*

RRID:MMRRC_058622-UCD

Type: Organism

Proper Citation

RRID:MMRRC_058622-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=58622

Proper Citation: RRID:MMRRC_058622-UCD

Description: Mus musculus with name KOMP ES cell line *Miga2tm2a(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 LDL cholesterol level [MP:0000183]| decreased circulating HDL cholesterol level [MP:0000186]| decreased hematocrit [MP:0000208]| abnormal cranium morphology [MP:0000438]| abnormal snout morphology [MP:0000443]| abnormal maxilla morphology [MP:0000455]| decreased body length [MP:0001258]| decreased body weight [MP:0001262]| hyperactivity [MP:0001399]| abnormal tooth morphology [MP:0002100]| decreased hemoglobin content [MP:0002874]| decreased lean body mass [MP:0003961]| abnormal behavior [MP:0004924]| decreased circulating cholesterol level [MP:0005179]| decreased circulating serum albumin level [MP:0005419]| decreased circulating total protein level [MP:0005567]| decreased lactate dehydrogenase level [MP:0005571]| decreased circulating aspartate transaminase level [MP:0005632]| decreased total body fat amount [MP:0010025]| decreased bone mineral content [MP:0010124]

Affected Gene: Miga2

Catalog Number: 058622-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_58622-UCD, MMRRC_058622, MMRRC_58622

Organism Name: KOMP ES cell line *Miga2tm2a(KOMP)Wtsi*

Record Creation Time: 20230308T055409+0000

Record Last Update: 20260912T135416+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Miga2tm2a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Miga2tm2a(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.