

Resource Summary Report

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

KOMP ES cell line *Akap9tm1a(KOMP)Wtsi*

RRID:MMRRC_051951-UCD

Type: Organism

Proper Citation

RRID:MMRRC_051951-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=51951

Proper Citation: RRID:MMRRC_051951-UCD

Description: Mus musculus with name KOMP ES cell line *Akap9tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: decreased circulating LDL cholesterol level [MP:0000183]| decreased circulating HDL cholesterol level [MP:0000186]| decreased circulating calcium level [MP:0000195]| abnormal head morphology [MP:0000432]| decreased body weight [MP:0001262]| abnormal tooth morphology [MP:0002100]| increased circulating alkaline phosphatase level [MP:0002968]| decreased lean body mass [MP:0003961]| abnormal pelvic girdle bone morphology [MP:0004509]| decreased lumbar vertebrae number [MP:0004647]| increased energy expenditure [MP:0004889]| increased T cell number [MP:0005015]| decreased B cell number [MP:0005017]| decreased circulating cholesterol level [MP:0005179]| increased oxygen consumption [MP:0005289]| decreased circulating serum albumin level [MP:0005419]| decreased percent body fat/body weight [MP:0005459]| decreased circulating glucose level [MP:0005560]| decreased circulating total protein level [MP:0005567]| increased CD4-positive [MP:0008074]| alpha beta T cell number [MP:0008078]| increased CD8-positive [MP:0008211]| alpha-beta T cell number [MP:0008963]| decreased mature B cell number [MP:0010025]| increased carbon dioxide production [MP:0010087]| decreased total body fat amount [MP:0010088]| increased circulating fructosamine level [MP:0010831]

Affected Gene: Akap9

Catalog Number: 051951-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_51951-UCD, MMRRC_051951, MMRRC_51951

Organism Name: KOMP ES cell line *Akap9tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055320+0000

Record Last Update: 20260801T124811+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Akap9tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Akap9tm1a(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.