

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

KOMP ES cell line *Kat14tm1a(KOMP)Wtsi*

RRID:MMRRC_057448-UCD

Type: Organism

Proper Citation

RRID:MMRRC_057448-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=57448

Proper Citation: RRID:MMRRC_057448-UCD

Description: Mus musculus with name KOMP ES cell line *Kat14tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: scoliosis [MP:0000161]| abnormal cranium morphology [MP:0000438]| abnormal maxilla morphology [MP:0000455]| decreased body length [MP:0001258]| decreased body weight [MP:0001262]| abnormal eye development [MP:0001286]| abnormal cornea morphology [MP:0001312]| corneal opacity [MP:0001314]| abnormal iris morphology [MP:0001322]| abnormal eye pigmentation [MP:0001324]| abnormal eye morphology [MP:0002092]| abnormal tooth morphology [MP:0002100]| decreased susceptibility to bacterial infection [MP:0002411]| abnormal eye size [MP:0002697]| opacity of vitreous body [MP:0002700]| decreased hemoglobin content [MP:0002874]| abnormal eyelid aperture [MP:0003671]| decreased lean body mass [MP:0003961]| abnormal spine curvature [MP:0004174]| vertebral fusion [MP:0004609]| fusion of vertebral arches [MP:0004613]| abnormal behavior [MP:0004924]| eyelids fail to open [MP:0005176]| abnormal zygomatic bone morphology [MP:0005270]| abnormal corneal stroma morphology [MP:0005300]| corneal vascularization [MP:0005542]| increased sacral vertebrae number [MP:0010101]| decreased bone mineral content [MP:0010124]| lethality [MP:0010831]| incomplete penetrance [MP:0011100]| preweaning lethality [MP:0011110]

Affected Gene: Kat14

Catalog Number: 057448-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_57448-UCD, MMRRC_057448, MMRRC_57448

Organism Name: KOMP ES cell line *Kat14tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055400+0000

Record Last Update: 20260725T164606+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Kat14tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Kat14tm1a(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.