

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

KOMP ES cell line *Kif1bptm1a(KOMP)Wtsi*

RRID:MMRRC_057586-UCD

Type: Organism

Proper Citation

RRID:MMRRC_057586-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=57586

Proper Citation: RRID:MMRRC_057586-UCD

Description: Mus musculus with name KOMP ES cell line *Kif1bptm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: cleft palate [MP:0000111]| enlarged liver sinusoidal spaces [MP:0000602]| small superior cervical ganglion [MP:0001015]| small trigeminal ganglion [MP:0001093]| epididymal cyst [MP:0003595]| abnormal eye muscle morphology [MP:0003686]| abnormal Mullerian duct morphology [MP:0003826]| abnormal adenohypophysis morphology [MP:0004163]| preweaning lethality [MP:0011100]| complete penetrance [MP:0013832]| thin vagus nerve [MP:0013834]| thin hypoglossal nerve [MP:0013835]| absent hypoglossal nerve [MP:0013848]| subcutaneous edema [MP:0013873]| abnormal ductus venosus morphology [MP:0013874]| abnormal ductus venosus topology [MP:0013875]| trigeminal neuroma [MP:0013971]| blood in lymph vessels [MP:0014002]| absent extracranial vertebral artery segment [MP:0014006]| absent posterior communicating artery [MP:0014018]

Affected Gene: |Kifbp|

Catalog Number: 057586-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_57586-UCD, MMRRC_057586, MMRRC_57586

Organism Name: KOMP ES cell line *Kif1bptm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055401+0000

Record Last Update: 20260801T125015+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Kif1bptm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Kif1bptm1a(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.