

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

KOMP ES cell line *Trim45tm3a(KOMP)Wtsi*

RRID:MMRRC_064131-UCD

Type: Organism

Proper Citation

RRID:MMRRC_064131-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=64131

Proper Citation: RRID:MMRRC_064131-UCD

Description: Mus musculus with name KOMP ES cell line *Trim45tm3a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal interatrial septum morphology [MP:0000282]| abnormal forebrain morphology [MP:0000783]| aphakia [MP:0003078]| abnormal Wolffian duct morphology [MP:0003827]| abnormal optic cup morphology [MP:0004269]| fusion of vertebral arches [MP:0004613]| abnormal inferior vena cava morphology [MP:0006063]| bicuspid aortic valve [MP:0010484]| absent segment of posterior cerebral artery [MP:0013840]| subcutaneous edema [MP:0013848]| abnormal vitelline vein connection [MP:0013859]| abnormal ductus venosus valve morphology [MP:0013877]| blood in lymph vessels [MP:0013971]| abnormal vertebral artery topology [MP:0014001]| additional anastomosis between intracranial vertebral arteries [MP:0014003]

Affected Gene: Trim45

Catalog Number: 064131-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_64131-UCD, MMRRC_064131, MMRRC_64131

Organism Name: KOMP ES cell line *Trim45tm3a(KOMP)Wtsi*

Record Creation Time: 20230308T055450+0000

Record Last Update: 20260912T135553+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Trim45tm3a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Trim45tm3a(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.