

# Resource Summary Report

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

## KOMP ES cell line *Trim45tm2a(KOMP)Wtsi*

RRID:MMRRC\_064129-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_064129-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc\\_id=64129](https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=64129)

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**Description:** Mus musculus with name KOMP ES cell line *Trim45tm2a(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:** 064129-UCD

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:21677750](#)

**Alternate IDs:** MMRRC\_64129-UCD, MMRRC\_064129, MMRRC\_64129

**Organism Name:** KOMP ES cell line *Trim45tm2a(KOMP)Wtsi*

**Record Creation Time:** 20230308T055450+0000

**Record Last Update:** 20260912T135553+0000

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## Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Trim45tm2a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Trim45tm2a(KOMP)Wtsi*.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.