

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

KOMP ES cell line *Piezo1tm1a(KOMP)Wtsi*

RRID:MMRRC_060236-UCD

Type: Organism

Proper Citation

RRID:MMRRC_060236-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=60236

Proper Citation: RRID:MMRRC_060236-UCD

Description: Mus musculus with name KOMP ES cell line *Piezo1tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: disorganized yolk sac vascular plexus [MP:0001723]| abnormal vitelline vasculature morphology [MP:0003229]| embryonic growth retardation [MP:0003984]| abnormal vascular endothelial cell physiology [MP:0004003]| abnormal enzyme/coenzyme activity [MP:0005584]| abnormal vascular endothelial cell morphology [MP:0006055]| lethality throughout fetal growth and development [MP:0011099]| complete penetrance [MP:0011108]

Affected Gene: |Piezo1|

Catalog Number: 060236-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_60236-UCD, MMRRC_060236, MMRRC_6236

Organism Name: KOMP ES cell line *Piezo1tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055421+0000

Record Last Update: 20260725T164646+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Piezo1tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Piezo1tm1a(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.