

# Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

## C57BL/6N-*Atm1Brd Piezo1tm1a(KOMP)Wtsi* /MbpMmucd

RRID:MMRRC\_049070-UCD

Type: Organism

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### Proper Citation

RRID:MMRRC\_049070-UCD

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### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=49070](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49070)

**Proper Citation:** RRID:MMRRC\_049070-UCD

**Description:** Mus musculus with name C57BL/6N-*Atm1Brd Piezo1tm1a(KOMP)Wtsi* /MbpMmucd 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:** 049070-UCD

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

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

**Alternate IDs:** MMRRC\_49070-UCD, MMRRC\_049070, MMRRC\_497

**Organism Name:** C57BL/6N-*Atm1Brd Piezo1tm1a(KOMP)Wtsi*/MbpMmucd

**Record Creation Time:** 20230308T055302+0000

**Record Last Update:** 20260808T124421+0000

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## Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atm1Brd Piezo1tm1a(KOMP)Wtsi*/MbpMmucd.

No alerts have been found for C57BL/6N-*Atm1Brd Piezo1tm1a(KOMP)Wtsi*/MbpMmucd.

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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.