

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

KOMP ES cell line *Atp2b1tm1a(KOMP)Wtsi*

RRID:MMRRC_052502-UCD

Type: Organism

Proper Citation

RRID:MMRRC_052502-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=52502

Proper Citation: RRID:MMRRC_052502-UCD

Description: Mus musculus with name KOMP ES cell line *Atp2b1tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Affected Gene: |Atp2b1|

Catalog Number: 052502-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_52502-UCD, MMRRC_052502, MMRRC_5252

Organism Name: KOMP ES cell line *Atp2b1tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055324+0000

Record Last Update: 20260808T124522+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Atp2b1tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Atp2b1tm1a(KOMP)Wtsi*.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Beckmann D, et al. (2023) Ca²⁺ Homeostasis by Plasma Membrane Ca²⁺ ATPase (PMCA) 1 Is Essential for the Development of DP Thymocytes. International journal of molecular sciences, 24(2).

Savy V, et al. (2022) PMCA1 depletion in mouse eggs amplifies calcium signaling and impacts offspring growth†. Biology of reproduction, 107(6), 1439.