

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

C57BL/6N-Atm1Brd Gpc5tm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC_047921-UCD

Type: Organism

Proper Citation

RRID:MMRRC_047921-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=47921

Proper Citation: RRID:MMRRC_047921-UCD

Description: Mus musculus with name C57BL/6N-Atm1Brd Gpc5tm1a(KOMP)Wtsi/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal rib morphology [MP:0000150] decreased circulating phosphate level [MP:0000198]

Affected Gene: |Gpc5|

Catalog Number: 047921-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_47921-UCD, MMRRC_047921, MMRRC_47921

Organism Name: C57BL/6N-Atm1Brd Gpc5tm1a(KOMP)Wtsi/Mmucd

Record Creation Time: 20230308T055253+0000

Record Last Update: 20260725T164403+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atm1Brd Gpc5 tm1a(KOMP)Wtsi/Mmucd*.

No alerts have been found for C57BL/6N-*Atm1Brd Gpc5tm1a(KOMP)Wtsi/Mmucd*.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Bosworth AP, et al. (2025) Astrocyte glypican 5 regulates synapse maturation and stabilization. Cell reports, 44(3), 115374.