

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

C57BL/6N-Atm1Brd Osmtm1b(KOMP)Wtsi/JMmucd

RRID:MMRRC_048921-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048921-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48921

Proper Citation: RRID:MMRRC_048921-UCD

Description: Mus musculus with name C57BL/6N-Atm1Brd Osmtm1b(KOMP)Wtsi/JMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased hematocrit [MP:0000208]| increased mean corpuscular volume [MP:0002590]| decreased circulating triglyceride level [MP:0002644]| decreased circulating free fatty acid level [MP:0002702]| decreased hemoglobin content [MP:0002874]| decreased erythrocyte cell number [MP:0002875]| thrombocytopenia [MP:0003179]| decreased circulating glucose level [MP:0005560]| increased mean corpuscular hemoglobin [MP:0005561]| abnormal sleep behavior [MP:0011396]

Affected Gene: |Osm|

Catalog Number: 048921-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_48921-UCD, MMRRC_048921, MMRRC_48921

Organism Name: C57BL/6N-Atm1Brd Osmtm1b(KOMP)Wtsi/JMmucd

Record Creation Time: 20230308T055301+0000

Record Last Update: 20260801T124715+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atm1Brd Osm tm1b(KOMP)Wtsi/JMmucd*.

No alerts have been found for C57BL/6N-*Atm1Brd Osm tm1b(KOMP)Wtsi/JMmucd*.

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 [RRID](#) .

Ratsimandresy RA, et al. (2026) Combined antagonism of Oncostatin M (OSM) and Interleukin 6 (IL-6) provides both anti-fibrotic and anti-inflammatory benefit in pulmonary fibrosis. bioRxiv : the preprint server for biology.

Headland SE, et al. (2022) Oncostatin M expression induced by bacterial triggers drives airway inflammatory and mucus secretion in severe asthma. Science translational medicine, 14(627), eabf8188.