

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

C57BL/6N-Atm1Brd Itga8tm1b(KOMP)Wtsi/JMmucd

RRID:MMRRC_048248-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048248-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48248

Proper Citation: RRID:MMRRC_048248-UCD

Description: Mus musculus with name C57BL/6N-Atm1Brd Itga8tm1b(KOMP)Wtsi/JMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased bone mineral density [MP:0000063]| increased circulating triglyceride level [MP:0001552]| increased circulating free fatty acid level [MP:0001554]| decreased circulating glucose level [MP:0005560]| increased circulating sodium level [MP:0005633]| preweaning lethality [MP:0011110]

Affected Gene: |Itga8|

Catalog Number: 048248-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_48248-UCD, MMRRC_048248, MMRRC_48248

Organism Name: C57BL/6N-Atm1Brd Itga8tm1b(KOMP)Wtsi/JMmucd

Record Creation Time: 20230308T055256+0000

Record Last Update: 20260815T125449+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atm1Brd Itga8 tm1b(KOMP)Wtsi/JMmucd*.

No alerts have been found for C57BL/6N-*Atm1Brd Itga8tm1b(KOMP)Wtsi/JMmucd*.

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.