

Resource Summary Report

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

C57BL/6N-A^{tm1Brd} Slc38a2/WtsiPh

RRID:IMSR_EM:09889

Type: Organism

Proper Citation

RRID:IMSR_EM:09889

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=9889>

Proper Citation: RRID:IMSR_EM:09889

Description: Mus musculus with name C57BL/6N-A^{tm1Brd} Slc38a2/WtsiPh from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 38; member 2; mutant strain: Slc38a2

Affected Gene: solute carrier family 38; member 2

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EM:09889

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: IMSR_EM:07771

Organism Name: C57BL/6N-A^{tm1Brd} Slc38a2/WtsiPh

Record Creation Time: 20250513T062255+0000

Record Last Update: 20260912T065212+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-A^{tm1Brd} Slc38a2/WtsiPh.

No alerts have been found for C57BL/6N-A^{tm1Brd} Slc38a2/WtsiPh.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Shen L, et al. (2022) SLC38A2 provides proline to fulfill unique synthetic demands arising during osteoblast differentiation and bone formation. eLife, 11.

Shen L, et al. (2022) SLC38A2 provides proline and alanine to regulate postnatal bone mass accrual in mice. Frontiers in physiology, 13, 992679.

Huang H, et al. (2021) In vivo CRISPR screening reveals nutrient signaling processes underpinning CD8+ T cell fate decisions. Cell, 184(5), 1245.