

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

STOCK *Slc39a1^{tm1.1Gka} Slc39a3^{tm1.1Gka}/Mmmh*

RRID:MMRRC_015979-MU

Type: Organism

Proper Citation

RRID:MMRRC_015979-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15979

Proper Citation: RRID:MMRRC_015979-MU

Description: Mus musculus with name STOCK *Slc39a1^{tm1.1Gka} Slc39a3^{tm1.1Gka}/Mmmh* from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Immunology and Inflammation, Internal/Organ, Models for Human Disease, Neurobiology, Reproduction; Mutation Type: Targeted Mutation ; Collection:

Phenotype: blistering [MP:0001208] abnormal embryo development [MP:0001672] abnormal craniofacial development [MP:0003935] embryonic growth retardation [MP:0003984] abnormal limb development [MP:0006279] blistering [MP:0001208] abnormal embryo development [MP:0001672] abnormal craniofacial development [MP:0003935] embryonic growth retardation [MP:0003984] abnormal limb development [MP:0006279]

Affected Gene: |*Slc39a1*|*Slc39a3*|

Catalog Number: 015979-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:16652366](#), [PMID:15964816](#)

Alternate IDs: MMRRC_15979-MU, MMRRC_015979, MMRRC_15979

Organism Name: STOCK *Slc39a1^{tm1.1Gka} Slc39a3^{tm1.1Gka}*/Mmmh

Record Creation Time: 20230308T054938+0000

Record Last Update: 20260801T123732+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Slc39a1^{tm1.1Gka} Slc39a3^{tm1.1Gka}*/Mmmh.

No alerts have been found for STOCK *Slc39a1^{tm1.1Gka} Slc39a3^{tm1.1Gka}*/Mmmh.

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](#) .

Elgheznawy A, et al. (2023) Loss of zinc transporters ZIP1 and ZIP3 augments platelet reactivity in response to thrombin and accelerates thrombus formation in vivo. *Frontiers in immunology*, 14, 1197894.