

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Slc8a3^{tm1Sso}/Slc8a3^{tm1Sso}](#)

RRID:MGI:3028980

Type: Organism

Proper Citation

RRID:MGI:3028980

Organism Information

URL:

Proper Citation: RRID:MGI:3028980

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: fatigue, increased cerebral infarction size, neurodegeneration, impaired coordination, abnormal synaptic transmission, abnormal channel response, skeletal muscle fiber necrosis

Affected Gene: Slc8a3

Genomic Alteration: tm1Sso

Catalog Number: 3028980

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14722618](#), [PMID:18234895](#)

Organism Name: Slc8a3^{tm1Sso}/Slc8a3^{tm1Sso}

Record Creation Time: 20240120T190712+0000

Record Last Update: 20240130T202121+0000

Ratings and Alerts

No rating or validation information has been found for Slc8a3^{tm1Sso}/Slc8a3^{tm1Sso}.

No alerts have been found for Slc8a3^{tm1Sso}/Slc8a3^{tm1Sso}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Trendafilova T, et al. (2022) Sodium-calcium exchanger-3 regulates pain "wind-up": From human psychophysics to spinal mechanisms. Neuron, 110(16), 2571.