

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Slc8a1^{tm1Yin}/Slc8a1⁺](#)

RRID:MGI:3622337

Type: Organism

Proper Citation

RRID:MGI:3622337

Organism Information

URL:

Proper Citation: RRID:MGI:3622337

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

Species: Mus musculus

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

Phenotype: increased left ventricle diastolic pressure, increased left ventricle systolic pressure, abnormal cardiac muscle relaxation, heart left ventricle hypertrophy, increased ventricle muscle contractility, impaired smooth muscle contractility, abnormal cardiovascular system physiology, cardiac interstitial fibrosis

Affected Gene: Slc8a1

Genomic Alteration: tm1Yin

Catalog Number: 3622337

Background: involves: 129X1/SvJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10967099](#), [PMID:11874986](#)

Organism Name: Slc8a1^{tm1Yin}/Slc8a1⁺

Record Creation Time: 20240120T190600+0000

Record Last Update: 20240130T202005+0000

Ratings and Alerts

No rating or validation information has been found for Slc8a1^{tm1Yin}/Slc8a1⁺.

No alerts have been found for Slc8a1^{tm1Yin}/Slc8a1⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.