

Resource Summary Report

Generated by [T1D](#) on Sep 6, 2026

[Slc17a7^{tm1Rmnd}/Slc17a7^{tm1Rmnd}](#)

RRID:MGI:3718199

Type: Organism

Proper Citation

RRID:MGI:3718199

Organism Information

URL:

Proper Citation: RRID:MGI:3718199

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

Species: Mus musculus

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

Phenotype: postnatal growth retardation, unresponsive to tactile stimuli, hunched posture, lethality at weaning, complete penetrance, decreased body weight, abnormal miniature excitatory postsynaptic currents, abnormal excitatory postsynaptic currents

Affected Gene: Slc17a7

Genomic Alteration: tm1Rmnd

Catalog Number: 3718199

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15103023](#)

Organism Name: Slc17a7^{tm1Rmnd}/Slc17a7^{tm1Rmnd}

Record Creation Time: 20240120T190510+0000

Record Last Update: 20240130T201936+0000

Ratings and Alerts

No rating or validation information has been found for Slc17a7^{tm1Rmnd}/Slc17a7^{tm1Rmnd}.

No alerts have been found for Slc17a7^{tm1Rmnd}/Slc17a7^{tm1Rmnd}.

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 [T1D](#).

Herman MA, et al. (2014) Vesicular glutamate transporter expression level affects synaptic vesicle release probability at hippocampal synapses in culture. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(35), 11781.