

# Resource Summary Report

Generated by [kravitz2](#) on Sep 16, 2026

## [Slc17a7<sup>tm1Rmnd</sup>/Slc17a7<sup>tm1Rmnd</sup>](#)

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<sup>tm1Rmnd</sup>/Slc17a7<sup>tm1Rmnd</sup>

**Record Creation Time:** 20240120T190510+0000

**Record Last Update:** 20240130T201936+0000

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## Ratings and Alerts

No rating or validation information has been found for Slc17a7<sup>tm1Rmnd</sup>/Slc17a7<sup>tm1Rmnd</sup>.

No alerts have been found for Slc17a7<sup>tm1Rmnd</sup>/Slc17a7<sup>tm1Rmnd</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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.