

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

B6.Cg-Slc1a2^{tm1.1Ncd}/J

RRID:IMSR_JAX:026619

Type: Organism

Proper Citation

RRID:IMSR_JAX:026619

Organism Information

URL: <https://www.jax.org/strain/026619>

Proper Citation: RRID:IMSR_JAX:026619

Description: Mus musculus with name B6.Cg-Slc1a2^{tm1.1Ncd}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 1 (glial high affinity glutamate transporter); member 2; mutant strain|congenic strain: Slc1a2

Affected Gene: solute carrier family 1 (glial high affinity glutamate transporter); member 2

Genomic Alteration: targeted mutation 1.1; NC Danbolt

Catalog Number: JAX:026619

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Slc1a2^{tm1.1Ncd}/J

Record Creation Time: 20250513T053757+0000

Record Last Update: 20260905T044536+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Slc1a2^{tm1.1Ncd}/J.

No alerts have been found for B6.Cg-Slc1a2^{tm1.1Ncd}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Danbolt NC, et al. (2022) Reconstitution of GABA, Glycine and Glutamate Transporters. *Neurochemical research*, 47(1), 85.

Zhou Y, et al. (2019) Axon-terminals expressing EAAT2 (GLT-1; Slc1a2) are common in the forebrain and not limited to the hippocampus. *Neurochemistry international*, 123, 101.

Hu QX, et al. (2018) Expression of Glutamate Transporters in Mouse Liver, Kidney, and Intestine. *The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society*, 66(3), 189.

Zhou Y, et al. (2014) Proteome analysis and conditional deletion of the EAAT2 glutamate transporter provide evidence against a role of EAAT2 in pancreatic insulin secretion in mice. *The Journal of biological chemistry*, 289(3), 1329.