

# Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

## STOCK Slc7a11<sup>tm1a(EUCOMM)Wtsi</sup>/lcsOrl

RRID:IMSR\_EM:10001

Type: Organism

### Proper Citation

RRID:IMSR\_EM:10001

### Organism Information

**URL:** <https://www.infrafrontier.eu/emma/strain-details/?q=10001>

**Proper Citation:** RRID:IMSR\_EM:10001

**Description:** Mus musculus with name STOCK Slc7a11<sup>tm1a(EUCOMM)Wtsi</sup>/lcsOrl from IMSR.

**Species:** Mus musculus

**Synonyms:** EPD0508\_3\_E02. E252-EPD0508\_3\_E02

**Notes:** gene symbol note: solute carrier family 7 (cationic amino acid transporter; y+ system); member 11; mutant strain: Slc7a11

**Affected Gene:** solute carrier family 7 (cationic amino acid transporter; y+ system); member 11

**Genomic Alteration:** targeted mutation 1a; Wellcome Trust Sanger Institute

**Catalog Number:** EM:10001

**Database:** European Mouse Mutant Archive

**Database Abbreviation:** EMMA

**Availability:** sperm

**Alternate IDs:** IMSR\_EM:06203

**Organism Name:** STOCK Slc7a11<sup>tm1a(EUCOMM)Wtsi</sup>/lcsOrl

**Record Creation Time:** 20250513T062256+0000

**Record Last Update:** 20260829T054607+0000

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## Ratings and Alerts

No rating or validation information has been found for STOCK Slc7a11<sup>tm1a</sup>(EUCOMM)Wtsi/IcsOrl.

No alerts have been found for STOCK Slc7a11<sup>tm1a</sup>(EUCOMM)Wtsi/IcsOrl.

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## Data and Source Information

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

**Source Database:** European Mouse Mutant Archive

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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 [NIF](#) .

de Baat A, et al. (2023) Cystine/glutamate antiporter System xc- deficiency impairs insulin secretion in mice. Diabetologia, 66(11), 2062.