

Resource Summary Report

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

STOCK Slc7a11^{tm1a(EUCOMM)Wtsi}/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^{tm1a(EUCOMM)Wtsi}/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^{tm1a(EUCOMM)Wtsi}/lcsOrl

Record Creation Time: 20250513T062256+0000

Record Last Update: 20260912T065213+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Slc7a11^{tm1a(EUCOMM)Wtsi}/lcsOrl.

No alerts have been found for STOCK Slc7a11^{tm1a(EUCOMM)Wtsi}/lcsOrl.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

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.