

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

B6.129P2-Slc7a8^{tm1Dgen}/J

RRID:IMSR_JAX:005842

Type: Organism

Proper Citation

RRID:IMSR_JAX:005842

Organism Information

URL: <https://www.jax.org/strain/005842>

Proper Citation: RRID:IMSR_JAX:005842

Description: Mus musculus with name B6.129P2-Slc7a8^{tm1Dgen}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 7 (cationic amino acid transporter; y+ system); member 8|beta-galactosidase; mutant strain|congenic strain: Slc7a8|lacZ

Affected Gene: solute carrier family 7 (cationic amino acid transporter; y+ system); member 8|beta-galactosidase

Genomic Alteration: targeted mutation 1; Deltagen

Catalog Number: JAX:005842

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Slc7a8^{tm1Dgen}/J

Record Creation Time: 20250513T053653+0000

Record Last Update: 20260808T050855+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Slc7a8^{tm1Dgen}/J.

No alerts have been found for B6.129P2-Slc7a8^{tm1Dgen}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Pitere RR, et al. (2022) Slc7a8 Deletion Is Protective against Diet-Induced Obesity and Attenuates Lipid Accumulation in Multiple Organs. Biology, 11(2).