

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

C57BL/6-Slc17a7^{tm1.1Sse}

RRID:IMSR_RBRC09669

Type: Organism

Proper Citation

RRID:IMSR_RBRC09669

Organism Information

URL: <https://brc.riken.jp/mus/RBRC09669>

Proper Citation: RRID:IMSR_RBRC09669

Description: Mus musculus with name C57BL/6-Slc17a7^{tm1.1Sse} from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter); member 7; mutant strain: Slc17a7

Affected Gene: solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter); member 7

Genomic Alteration: targeted mutation 1.1 Susumu Seino

Catalog Number: RBRC09669

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6-Slc17a7^{tm1.1Sse}

Record Creation Time: 20250513T061515+0000

Record Last Update: 20260905T052448+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Slc17a7^{tm1.1Sse}.

No alerts have been found for C57BL/6-Slc17a7^{tm1.1Sse}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Murao N, et al. (2017) Essential roles of aspartate aminotransferase 1 and vesicular glutamate transporters in ??-cell glutamate signaling for incretin-induced insulin secretion. PloS one, 12(11), e0187213.