

Resource Summary Report

Generated by T1D on Sep 21, 2026

B6(Cg)-Slc17a8^{em1(icre/ERT2)}Zyliu/J

RRID:IMSR_JAX:034736

Type: Organism

Proper Citation

RRID:IMSR_JAX:034736

Organism Information

URL: <https://www.jax.org/strain/034736>

Proper Citation: RRID:IMSR_JAX:034736

Description: Mus musculus with name B6(Cg)-Slc17a8^{em1(icre/ERT2)}Zyliu/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Slc17a8/J. C57BL/6N-Slc17a8/J

Notes: gene symbol note: solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter); member 8; mutant strain: Slc17a8

Affected Gene: solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter); member 8

Genomic Alteration: endonuclease-mediated mutation 1; Zhiyong Liu

Catalog Number: JAX:034736

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(Cg)-Slc17a8^{em1(icre/ERT2)}Zyliu/J

Record Creation Time: 20250513T053845+0000

Record Last Update: 20260919T055028+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Slc17a8^{em1(icre/ERT2)}Zyliu/J.

No alerts have been found for B6(Cg)-Slc17a8^{em1(icre/ERT2)}Zyliu/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 [T1D](#).

O'Connor AP, et al. (2024) In vivo AAV9-Myo7a gene rescue restores hearing and cholinergic efferent innervation in inner hair cells. JCI insight, 9(23).