Resource Summary Report

Generated by ASWG on Sep 1, 2026

B6;129S2-Slc17a8^{tm1Edw}/J

RRID:IMSR_JAX:016931
Type: Organism

Proper Citation

RRID:IMSR_JAX:016931

Organism Information

URL: https://www.jax.org/strain/016931

Proper Citation: RRID:IMSR_JAX:016931

Description: Mus musculus with name B6;129S2-Slc17a8^{tm1Edw}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129P2(Cg)-Slc17a8/J

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

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

Genomic Alteration: targeted mutation 1; Robert H Edwards

Catalog Number: JAX:016931

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S2-Slc17a8^{tm1Edw}/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260829T045029+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S2-Slc17a8^{tm1Edw}/J.

No alerts have been found for B6;129S2-Slc17a8^{tm1Edw}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Noh MC, et al. (2025) A molecular and spinal circuit basis for the functional segregation of itch and pain. bioRxiv : the preprint server for biology.

Regalado Núñez K, et al. (2024) Vestibular afferent neurons develop normally in the absence of quantal/glutamatergic input. Frontiers in neurology, 15, 1441964.

Boero LE, et al. (2021) Noise Exposure Potentiates Exocytosis From Cochlear Inner Hair Cells. Frontiers in synaptic neuroscience, 13, 740368.

Kim KX, et al. (2019) Vesicular Glutamatergic Transmission in Noise-Induced Loss and Repair of Cochlear Ribbon Synapses. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(23), 4434.

Kim T, et al. (2017) Inhibitory Control of Feature Selectivity in an Object Motion Sensitive Circuit of the Retina. Cell reports, 19(7), 1343.