

Resource Summary Report

Generated by T1D on Sep 20, 2026

B6J.129S6(129S4)-Slc17a6^{tm1Lowl}/RujfJ

RRID:IMSR_JAX:033688

Type: Organism

Proper Citation

RRID:IMSR_JAX:033688

Organism Information

URL: <https://www.jax.org/strain/033688>

Proper Citation: RRID:IMSR_JAX:033688

Description: Mus musculus with name B6J.129S6(129S4)-Slc17a6^{tm1Lowl}/RujfJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter); member 6; mutant strain|congenic strain: Slc17a6

Affected Gene: solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter); member 6

Genomic Alteration: targeted mutation 1; Bradford B Lowell

Catalog Number: JAX:033688

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6J.129S6(129S4)-Slc17a6^{tm1Lowl}/RujfJ

Record Creation Time: 20250513T053837+0000

Record Last Update: 20260919T055020+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129S6(129S4)-Slc17a6^{tm1Lowl}/RujfJ.

No alerts have been found for B6J.129S6(129S4)-Slc17a6^{tm1Lowl}/RujfJ.

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](#).

Zhang S, et al. (2021) Nonpeptidergic neurons suppress mast cells via glutamate to maintain skin homeostasis. Cell, 184(8), 2151.