

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

B6.129S4-Psen1^{tm2Shn}/J

RRID:IMSR_JAX:004825

Type: Organism

Proper Citation

RRID:IMSR_JAX:004825

Organism Information

URL: <https://www.jax.org/strain/004825>

Proper Citation: RRID:IMSR_JAX:004825

Description: Mus musculus with name B6.129S4-Psen1^{tm2Shn}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: presenilin 1; mutant strain|congenic strain: Psen1

Affected Gene: presenilin 1

Genomic Alteration: targeted mutation 2; Jie Shen

Catalog Number: JAX:004825

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Psen1^{tm2Shn}/J

Record Creation Time: 20250513T053646+0000

Record Last Update: 20260912T060431+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Psen1^{tm2Shn}/J.

No alerts have been found for B6.129S4-Psen1^{tm2Shn}/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 [NIF](#) .

Saito J, et al. (2024) Presenilin-1 in smooth muscle cells facilitates hypermuscularization in elastin aortopathy. iScience, 27(1), 108636.