

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

B6.129S6-Npas2^{tm1Slm}/J

RRID:IMSR_JAX:005119

Type: Organism

Proper Citation

RRID:IMSR_JAX:005119

Organism Information

URL: <https://www.jax.org/strain/005119>

Proper Citation: RRID:IMSR_JAX:005119

Description: Mus musculus with name B6.129S6-Npas2^{tm1Slm}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S6-Npas2/J

Notes: gene symbol note: beta-galactosidase|neuronal PAS domain protein 2; mutant strain|congenic strain: lacZ|Npas2

Affected Gene: beta-galactosidase|neuronal PAS domain protein 2

Genomic Alteration: targeted mutation 1; Steven L McKnight

Catalog Number: JAX:005119

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S6-Npas2^{tm1Slm}/J

Record Creation Time: 20250513T053648+0000

Record Last Update: 20260808T050850+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6-Npas2^{tm1Slm}/J.

No alerts have been found for B6.129S6-Npas2^{tm1Slm}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Shibuya Y, et al. (2022) Therapeutic downregulation of neuronal PAS domain 2 (Npas2) promotes surgical skin wound healing. eLife, 11.

Hassan N, et al. (2017) Titanium biomaterials with complex surfaces induced aberrant peripheral circadian rhythms in bone marrow mesenchymal stromal cells. PloS one, 12(8), e0183359.