

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B6.129S4-Nos1^{tm2Plh}/J

RRID:IMSR_JAX:008519

Type: Organism

Proper Citation

RRID:IMSR_JAX:008519

Organism Information

URL: <https://www.jax.org/strain/008519>

Proper Citation: RRID:IMSR_JAX:008519

Description: Mus musculus with name B6.129S4-Nos1^{tm2Plh}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: nitric oxide synthase 1; neuronal; congenic strain: Nos1

Affected Gene: nitric oxide synthase 1; neuronal

Genomic Alteration: targeted mutation 2; Paul L Huang

Catalog Number: JAX:008519

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Nos1^{tm2Plh}/J

Record Creation Time: 20250513T053709+0000

Record Last Update: 20260912T060455+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Nos1^{tm2Plh}/J.

No alerts have been found for B6.129S4-Nos1^{tm2Plh}/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](#) .

Tooker RE, et al. (2015) Light-evoked S-nitrosylation in the retina. The Journal of comparative neurology, 523(14), 2082.