

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

B6.Cg-S1pr3^{tm1.1Hrose}/J

RRID:IMSR_JAX:028624

Type: Organism

Proper Citation

RRID:IMSR_JAX:028624

Organism Information

URL: <https://www.jax.org/strain/028624>

Proper Citation: RRID:IMSR_JAX:028624

Description: Mus musculus with name B6.Cg-S1pr3^{tm1.1Hrose}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: sphingosine-1-phosphate receptor 3|; mutant strain|congenic strain: S1pr3|

Affected Gene: sphingosine-1-phosphate receptor 3|

Genomic Alteration: targeted mutation 1.1; Hugh Rosen

Catalog Number: JAX:028624

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-S1pr3^{tm1.1Hrose}/J

Record Creation Time: 20250513T053805+0000

Record Last Update: 20260829T045112+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-S1pr3^{tm1.1Hrose}/J.

No alerts have been found for B6.Cg-S1pr3^{tm1.1Hrose}/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 [NIF](#).

Hill RZ, et al. (2018) S1PR3 Mediates Itch and Pain via Distinct TRP Channel-Dependent Pathways. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(36), 7833.

Hill RZ, et al. (2018) The signaling lipid sphingosine 1-phosphate regulates mechanical pain. eLife, 7.