

Resource Summary Report

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

B6.129P2-S1pr1^{tm1Hrose}/J

RRID:IMSR_JAX:028623

Type: Organism

Proper Citation

RRID:IMSR_JAX:028623

Organism Information

URL: <https://www.jax.org/strain/028623>

Proper Citation: RRID:IMSR_JAX:028623

Description: Mus musculus with name B6.129P2-S1pr1^{tm1Hrose}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: sphingosine-1-phosphate receptor 1|; mutant strain|congenic strain: S1pr1|

Affected Gene: sphingosine-1-phosphate receptor 1|

Genomic Alteration: targeted mutation 1; Hugh Rosen

Catalog Number: JAX:028623

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-S1pr1^{tm1Hrose}/J

Record Creation Time: 20250513T053805+0000

Record Last Update: 20260829T045111+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-S1pr1^{tm1Hrose}/J.

No alerts have been found for B6.129P2-S1pr1^{tm1Hrose}/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](#) .

Kim SH, et al. (2021) Chronic activation of 4-1BB signaling induces granuloma development in tumor-draining lymph nodes that is detrimental to subsequent CD8+ T cell responses. Cellular & molecular immunology, 18(8), 1956.