

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

B6.129P2-S1pr4^{tm1Dgen}/J

RRID:IMSR_JAX:005799

Type: Organism

Proper Citation

RRID:IMSR_JAX:005799

Organism Information

URL: <https://www.jax.org/strain/005799>

Proper Citation: RRID:IMSR_JAX:005799

Description: Mus musculus with name B6.129P2-S1pr4^{tm1Dgen}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: sphingosine-1-phosphate receptor 4|beta-galactosidase;
mutant strain|congenic strain: S1pr4|lacZ

Affected Gene: sphingosine-1-phosphate receptor 4|beta-galactosidase

Genomic Alteration: targeted mutation 1; Deltagen

Catalog Number: JAX:005799

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129P2-S1pr4^{tm1Dgen}/J

Record Creation Time: 20250513T053652+0000

Record Last Update: 20260815T050601+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-S1pr4^{tm1Dgen}/J.

No alerts have been found for B6.129P2-S1pr4^{tm1Dgen}/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](#) .

Kulinski JM, et al. (2018) S1P? Regulates Passive Systemic Anaphylaxis in Mice but Is Dispensable for Canonical IgE-Mediated Responses in Mast Cells. International journal of molecular sciences, 19(5).