

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

B6.129S6-Sh2d1a^{tm1Pls}/J

RRID:IMSR_JAX:025754

Type: Organism

Proper Citation

RRID:IMSR_JAX:025754

Organism Information

URL: <https://www.jax.org/strain/025754>

Proper Citation: RRID:IMSR_JAX:025754

Description: Mus musculus with name B6.129S6-Sh2d1a^{tm1Pls}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: SH2 domain containing 1A; mutant strain|congenic strain: Sh2d1a

Affected Gene: SH2 domain containing 1A

Genomic Alteration: targeted mutation 1; Pamela L Schwartzberg

Catalog Number: JAX:025754

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S6-Sh2d1a^{tm1Pls}/J

Record Creation Time: 20250513T053755+0000

Record Last Update: 20260829T045100+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6-Sh2d1a^{tm1Pls}/J.

No alerts have been found for B6.129S6-Sh2d1a^{tm1Pls}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Song W, et al. (2022) Development of Tbet- and CD11c-expressing B cells in a viral infection requires T follicular helper cells outside of germinal centers. Immunity, 55(2), 290.

Georgiev H, et al. (2021) Classical MHC expression by DP thymocytes impairs the selection of non-classical MHC restricted innate-like T cells. Nature communications, 12(1), 2308.

Razzaghi R, et al. (2021) Compromised counterselection by FAS creates an aggressive subtype of germinal center lymphoma. The Journal of experimental medicine, 218(3).

Biram A, et al. (2020) B Cell Diversification Is Uncoupled from SAP-Mediated Selection Forces in Chronic Germinal Centers within Peyer's Patches. Cell reports, 30(6), 1910.

Zappasodi R, et al. (2018) Non-conventional Inhibitory CD4+Foxp3-PD-1hi T Cells as a Biomarker of Immune Checkpoint Blockade Activity. Cancer cell, 33(6), 1017.

Botta D, et al. (2017) Dynamic regulation of T follicular regulatory cell responses by interleukin 2 during influenza infection. Nature immunology, 18(11), 1249.