

Resource Summary Report

Generated by T1D on Sep 23, 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: 20260919T054940+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 [T1D](#).

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-1^{hi} 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.