Resource Summary Report

Generated by T1D on Sep 20, 2026

B6N.129S6-Sphk1^{tm1Rlp}/J

RRID:IMSR_JAX:019095
Type: Organism

Proper Citation

RRID:IMSR_JAX:019095

Organism Information

URL: https://www.jax.org/strain/019095

Proper Citation: RRID:IMSR_JAX:019095

Description: Mus musculus with name B6N.129S6-Sphk1^{tm1Rlp}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: sphingosine kinase 1; mutant strain|congenic strain: Sphk1

Affected Gene: sphingosine kinase 1

Genomic Alteration: targeted mutation 1; Richard L Proia

Catalog Number: JAX:019095

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.129S6-Sphk1^{tm1Rlp}/J

Record Creation Time: 20250513T053740+0000

Record Last Update: 20260919T054927+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S6-Sphk1^{tm1Rlp}/J.

No alerts have been found for B6N.129S6-Sphk1^{tm1Rlp}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Ji X, et al. (2024) Sphingolipid metabolism controls mammalian heart regeneration. Cell metabolism, 36(4), 839.

Joshi JC, et al. (2020) SPHK2-Generated S1P in CD11b+ Macrophages Blocks STING to Suppress the Inflammatory Function of Alveolar Macrophages. Cell reports, 30(12), 4096.

Jiang ZJ, et al. (2019) Extracellular and intracellular sphingosine-1-phosphate distinctly regulates exocytosis in chromaffin cells. Journal of neurochemistry, 149(6), 729.

Adamiak M, et al. (2017) Mobilization studies in mice deficient in sphingosine kinase 2 support a crucial role of the plasma level of sphingosine-1-phosphate in the egress of hematopoietic stem progenitor cells. Oncotarget, 8(39), 65588.