

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

B6.Cg-Spi1^{tm2Dgt}/J

RRID:IMSR_JAX:006922

Type: Organism

Proper Citation

RRID:IMSR_JAX:006922

Organism Information

URL: <https://www.jax.org/strain/006922>

Proper Citation: RRID:IMSR_JAX:006922

Description: Mus musculus with name B6.Cg-Spi1^{tm2Dgt}/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Sfpi1/J

Notes: gene symbol note: Spi-1 proto-oncogene; mutant strain|congenic strain: Spi1

Affected Gene: Spi-1 proto-oncogene

Genomic Alteration: targeted mutation 2; Daniel G Tenen

Catalog Number: JAX:006922

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Spi1^{tm2Dgt}/J

Record Creation Time: 20250513T053700+0000

Record Last Update: 20260919T054849+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Spi1^{tm2Dgt}/J.

No alerts have been found for B6.Cg-Spi1^{tm2Dgt}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Kim B, et al. (2026) Deletion of SPI1 in microglia exacerbates amyloid pathology by impairing microglial response in Alzheimer's disease models. Neuron.

Ohmori S, et al. (2022) The Il6 -39 kb enhancer containing clustered GATA2- and PU.1-binding sites is essential for Il6 expression in murine mast cells. iScience, 25(9), 104942.

Zhou N, et al. (2019) Transcriptional mechanism of IRF8 and PU.1 governs microglial activation in neurodegenerative condition. Protein & cell, 10(2), 87.