

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

B6(SJL)-Smc3^{tm1c}(EUCOMM)Wtsi/J

RRID:IMSR_JAX:030559

Type: Organism

Proper Citation

RRID:IMSR_JAX:030559

Organism Information

URL: <https://www.jax.org/strain/030559>

Proper Citation: RRID:IMSR_JAX:030559

Description: Mus musculus with name B6(SJL)-Smc3^{tm1c}(EUCOMM)Wtsi/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: structural maintenance of chromosomes 3; mutant strain: Smc3

Affected Gene: structural maintenance of chromosomes 3

Genomic Alteration: targeted mutation 1c; Wellcome Trust Sanger Institute

Catalog Number: JAX:030559

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(SJL)-Smc3^{tm1c}(EUCOMM)Wtsi/J

Record Creation Time: 20250513T053816+0000

Record Last Update: 20260905T044552+0000

Ratings and Alerts

No rating or validation information has been found for B6(SJL)-Smc3^{tm1c}(EUCOMM)Wtsi/J.

No alerts have been found for B6(SJL)-Smc3^{tm1c}(EUCOMM)Wtsi/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 [NIF](#) .

Adams NM, et al. (2026) Chromatin-mediated anticipatory control of type I interferon production in plasmacytoid dendritic cells. *Immunity*, 59(2), 270.

Choubey P, et al. (2026) Cohesin complex cooperates with PU.1 at super-enhancers to regulate the differentiation and identity of conventional dendritic cells. *Cell reports*, 45(5), 117331.

Ashkin EL, et al. (2025) A STAG2-PAXIP1/PAGR1 axis suppresses lung tumorigenesis. *The Journal of experimental medicine*, 222(1).

Ashkin EL, et al. (2024) A STAG2-PAXIP1/PAGR1 axis suppresses lung tumorigenesis. *bioRxiv* : the preprint server for biology.