

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

B6.129S6(C)-Spic^{tm2.1Kmm}/J

RRID:IMSR_JAX:025673

Type: Organism

Proper Citation

RRID:IMSR_JAX:025673

Organism Information

URL: <https://www.jax.org/strain/025673>

Proper Citation: RRID:IMSR_JAX:025673

Description: Mus musculus with name B6.129S6(C)-Spic^{tm2.1Kmm}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S(C)-Spic/J. 129S-Spic/J

Notes: gene symbol note: Spi-C transcription factor (Spi-1/PU.1 related)|; mutant strain|congenic strain: Spic|

Affected Gene: Spi-C transcription factor (Spi-1/PU.1 related)|

Genomic Alteration: targeted mutation 2.1; Kenneth Murphy

Catalog Number: JAX:025673

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S6(C)-Spic^{tm2.1Kmm}/J

Record Creation Time: 20250513T053755+0000

Record Last Update: 20260815T050706+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6(C)-Spic^{tm2.1Kmm}/J.

No alerts have been found for B6.129S6(C)-Spic^{tm2.1Kmm}/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](#) .

Han Y, et al. (2025) Tumors hijack macrophages for iron supply to promote bone metastasis and anemia. Cell.

Han Y, et al. (2025) Niche Macrophages Recycle Iron to Tumor Cells and Foster Erythroblast Mimicry to Promote Bone Metastasis and Anemia. bioRxiv : the preprint server for biology.

Noel JG, et al. (2022) M-CSF supports medullary erythropoiesis and erythroid iron demand following burn injury through its activity on homeostatic iron recycling. Scientific reports, 12(1), 1235.