

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 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: 20260905T044534+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 [dkNET](#) .

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.

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

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.