

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6.129S1(SJL)-Nkx2-5^{tm2}(cre)Rph/J

RRID:IMSR_JAX:024637

Type: Organism

Proper Citation

RRID:IMSR_JAX:024637

Organism Information

URL: <https://www.jax.org/strain/024637>

Proper Citation: RRID:IMSR_JAX:024637

Description: Mus musculus with name B6.129S1(SJL)-Nkx2-5^{tm2}(cre)Rph/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |NK2 homeobox 5; mutant strain|congenic strain: |Nkx2-5

Affected Gene: |NK2 homeobox 5

Genomic Alteration: targeted mutation 2; Richard P Harvey

Catalog Number: JAX:024637

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S1(SJL)-Nkx2-5^{tm2}(cre)Rph/J

Record Creation Time: 20250513T053751+0000

Record Last Update: 20260808T050953+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1(SJL)-Nkx2-5^{tm2}(cre)Rph/J.

No alerts have been found for B6.129S1(SJL)-Nkx2-5^{tm2}(cre)Rph/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 [SPARC SAWG](#) .

Raiola M, et al. (2026) Quantitative computerized analysis demonstrates strongly compartmentalized tissue deformation patterns underlying mammalian heart tube formation. eLife, 14.

Coppiello G, et al. (2023) Generation of heart and vascular system in rodents by blastocyst complementation. Developmental cell, 58(24), 2881.

Windmueller R, et al. (2020) Direct Comparison of Mononucleated and Binucleated Cardiomyocytes Reveals Molecular Mechanisms Underlying Distinct Proliferative Competencies. Cell reports, 30(9), 3105.

McDole K, et al. (2018) In Toto Imaging and Reconstruction of Post-Implantation Mouse Development at the Single-Cell Level. Cell, 175(3), 859.