

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

B6.129S1(Cg)-Lmna^{tm1Stw}/BkknJ

RRID:IMSR_JAX:009125

Type: Organism

Proper Citation

RRID:IMSR_JAX:009125

Organism Information

URL: <https://www.jax.org/strain/009125>

Proper Citation: RRID:IMSR_JAX:009125

Description: Mus musculus with name B6.129S1(Cg)-Lmna^{tm1Stw}/BkknJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: lamin A; congenic strain: Lmna

Affected Gene: lamin A

Genomic Alteration: targeted mutation 1; Colin L Stewart

Catalog Number: JAX:009125

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S1(Cg)-Lmna^{tm1Stw}/BkknJ

Record Creation Time: 20250513T053713+0000

Record Last Update: 20260815T050623+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1(Cg)-Lmna^{tm1Stw}/BkknJ.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human familial partial lipodystrophy.

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](#) .

Amorós-Pérez M, et al. (2025) Lamin A/C Expression in Hematopoietic Cells Declines During Human Aging and Constrains Atherosclerosis in Mice. *Arteriosclerosis, thrombosis, and vascular biology*, 45(9), 1616.

Tang Y, et al. (2022) Matrix remodeling controls a nuclear lamin A/C-emerin network that directs Wnt-regulated stem cell fate. *Developmental cell*, 57(4), 480.

Frock RL, et al. (2012) Cardiomyocyte-specific expression of lamin a improves cardiac function in *Lmna*^{-/-} mice. *PloS one*, 7(8), e42918.

Hale JS, et al. (2010) Cell-extrinsic defective lymphocyte development in *Lmna*^(-/-) mice. *PloS one*, 5(4), e10127.