

# Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

## B6.129S1(Cg)-Lmna<sup>tm1Stw</sup>/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<sup>tm1Stw</sup>/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<sup>tm1Stw</sup>/BkknJ

**Record Creation Time:** 20250513T053713+0000

**Record Last Update:** 20260801T050416+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S1(Cg)-Lmna<sup>tm1Stw</sup>/BkknJ.

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

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## 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*<sup>-/-</sup> mice. *PloS one*, 7(8), e42918.

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