

# Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

## [Lmna<sup>tm2.1Gbon</sup>/Lmna<sup>tm2.1Gbon</sup>](#)

RRID:MGI:5306920

Type: Organism

### Proper Citation

RRID:MGI:5306920

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5306920

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** abnormal cell differentiation, weight loss, abnormal heart development, abnormal muscle development, abnormal myocardial fiber morphology, decreased white adipose tissue amount, hypoglycemia, centrally nucleated skeletal muscle fibers, decreased heart weight, decreased skeletal muscle fiber size, abnormal urine homeostasis, abnormal gait, postnatal growth retardation, postnatal lethality, complete penetrance, slow postnatal weight gain, abnormal behavior, decreased circulating insulin level

**Affected Gene:** Lmna

**Genomic Alteration:** tm2.1Gbon

**Catalog Number:** 5306920

**Background:** involves: 129 \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:22090424](#)

**Organism Name:** Lmna<sup>tm2.1Gbon</sup>/Lmna<sup>tm2.1Gbon</sup>

**Record Creation Time:** 20240120T190158+0000

**Record Last Update:** 20240130T201749+0000

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## Ratings and Alerts

No rating or validation information has been found for Lmna<sup>tm2.1Gbon</sup>/Lmna<sup>tm2.1Gbon</sup>.

No alerts have been found for Lmna<sup>tm2.1Gbon</sup>/Lmna<sup>tm2.1Gbon</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.