

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

## [Lmna<sup>tm1Gbon</sup>/Lmna<sup>tm1Gbon</sup>](#)

RRID:MGI:3527796

Type: Organism

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### Proper Citation

RRID:MGI:3527796

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### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3527796

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

**Species:** Mus musculus

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

**Phenotype:** decreased body weight, abnormal hypaxial muscle morphology, abnormal myocardial fiber morphology, abnormal gait, sinoatrial block, abnormal diaphragm morphology, abnormal soleus morphology, impaired coordination, increased triglyceride level, decreased cardiac muscle contractility, myocardium necrosis, premature death, progressive muscle weakness, dystrophic muscle, dilated heart right ventricle, dilated heart left ventricle, dilated heart atrium, bradykinesia, decreased circulating glucose level, dilated heart left ventricle, decreased cardiac muscle contractility, dilated cardiomyopathy, cardiac fibrosis, abnormal impulse conducting system conduction, enlarged heart, tachypnea, prolonged PR interval, abnormal tibialis anterior morphology, prolonged QRS complex duration, abnormal gastrocnemius morphology, skeletal muscle fibrosis, postnatal growth retardation, hunched posture

**Affected Gene:** Lmna

**Genomic Alteration:** tm1Gbon

**Catalog Number:** 3527796

**Background:** involves: 129S2/SvPas \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:22773734](#), [PMID:15548545](#)

**Organism Name:** Lmna<sup>tm1Gbon</sup>/Lmna<sup>tm1Gbon</sup>

**Record Creation Time:** 20240120T190639+0000

**Record Last Update:** 20240130T202027+0000

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## Ratings and Alerts

No rating or validation information has been found for Lmna<sup>tm1Gbon</sup>/Lmna<sup>tm1Gbon</sup>.

No alerts have been found for Lmna<sup>tm1Gbon</sup>/Lmna<sup>tm1Gbon</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.