

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

[Lmna^{tm1.1Otin}](#)/[Lmna^{tm1.1Otin}](#)

RRID:MGI:5295749

Type: Organism

Proper Citation

RRID:MGI:5295749

Organism Information

URL:

Proper Citation: RRID:MGI:5295749

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

Species: Mus musculus

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

Phenotype: small cranium, small spleen, small thymus, vascular smooth muscle hypoplasia, weight loss, decreased circulating insulin level, increased circulating growth hormone level, premature death, abnormal cell nucleus morphology, kyphosis, postnatal growth retardation, premature aging, premature death, prolonged QRS complex duration, decreased subcutaneous adipose tissue amount, hypoglycemia, decreased compact bone thickness, decreased circulating leptin level, abnormal bone structure, calcified aorta, increased adiponectin level, abnormal cell physiology, abnormal cell nucleus morphology, infertility, decreased bone volume, abnormal blood homeostasis, abnormal hair follicle morphology, decreased bone mineral density, small lower incisors, decreased bone trabecula number, decreased grip strength, decreased heart rate

Affected Gene: Lmna

Genomic Alteration: tm1.1Otin

Catalog Number: 5295749

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23690466](#), [PMID:21875900](#), [PMID:22030750](#)

Organism Name: Lmna^{tm1.1Otin}/Lmna^{tm1.1Otin}

Record Creation Time: 20240120T190206+0000

Record Last Update: 20240130T201754+0000

Ratings and Alerts

No rating or validation information has been found for Lmna^{tm1.1Otin}/Lmna^{tm1.1Otin}.

No alerts have been found for Lmna^{tm1.1Otin}/Lmna^{tm1.1Otin}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.