

Resource Summary Report

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

[Fmod^{tm1Aol}/Fmod^{tm1Aol}](#); [Lum^{tm1Chak}/Lum^{tm1Chak}](#)

RRID:MGI:3047839

Type: Organism

Proper Citation

RRID:MGI:3047839

Organism Information

URL:

Proper Citation: RRID:MGI:3047839

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

Species: Mus musculus

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

Phenotype: high myopia, abnormal blood vessel morphology, abnormal myocardial fiber morphology, decreased body size, decreased heart weight, loose skin, abnormal patella morphology, decreased tendon stiffness, abnormal eye size, abnormal sclera morphology, corneal opacity, bruising, decreased skin tensile strength, abnormal femur morphology, osteoarthritis, abnormal tendon morphology, abnormal articular cartilage morphology, muscle weakness, abnormal limb morphology, decreased body weight, abnormal gait, retinal detachment, sclera thinning

Affected Gene: Fmod, Lum

Genomic Alteration: tm1Aol, tm1Chak

Catalog Number: 3047839

Background: involves: 129S1/Sv * 129X1/SvJ * CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12089156](#), [PMID:12766039](#)

Organism Name: Fmod^{tm1Aol}/Fmod^{tm1Aol}; Lum^{tm1Chak}/Lum^{tm1Chak}

Record Creation Time: 20240120T190654+0000

Record Last Update: 20240130T202036+0000

Ratings and Alerts

No rating or validation information has been found for Fmod^{tm1Aol}/Fmod^{tm1Aol}; Lum^{tm1Chak}/Lum^{tm1Chak}.

No alerts have been found for Fmod^{tm1Aol}/Fmod^{tm1Aol}; Lum^{tm1Chak}/Lum^{tm1Chak}.

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.