

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

B6.129S-Lum^{tm1Chak/J}

RRID:IMSR_JAX:019749

Type: Organism

Proper Citation

RRID:IMSR_JAX:019749

Organism Information

URL: <https://www.jax.org/strain/019749>

Proper Citation: RRID:IMSR_JAX:019749

Description: Mus musculus with name B6.129S-Lum^{tm1Chak/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: lumican; mutant strain|congenic strain: Lum

Affected Gene: lumican

Genomic Alteration: targeted mutation 1; Shukti Chakravarti

Catalog Number: JAX:019749

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S-Lum^{tm1Chak/J}

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260808T050946+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S-Lum^{tm1Chak/J}.

No alerts have been found for B6.129S-Lum^{tm1Chak/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Nannan L, et al. (2020) Label-Free Infrared Spectral Histology of Skin Tissue Part I: Impact of Lumican on Extracellular Matrix Integrity. *Frontiers in cell and developmental biology*, 8, 320.