

Resource Summary Report

Generated by ASWG on Aug 9, 2026

B6;129S6-Lrat^{tm1Kpal/J}

RRID:IMSR_JAX:018866

Type: Organism

Proper Citation

RRID:IMSR_JAX:018866

Organism Information

URL: <https://www.jax.org/strain/018866>

Proper Citation: RRID:IMSR_JAX:018866

Description: Mus musculus with name B6;129S6-Lrat^{tm1Kpal/J} from IMSR.

Species: Mus musculus

Synonyms: B6.129S6-Lrat/J

Notes: gene symbol note: lecithin-retinol acyltransferase (phosphatidylcholine-retinol-O-acyltransferase); mutant stock: Lrat

Affected Gene: lecithin-retinol acyltransferase (phosphatidylcholine-retinol-O-acyltransferase)

Genomic Alteration: targeted mutation 1; Krzysztof Palczewski

Catalog Number: JAX:018866

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S6-Lrat^{tm1Kpal/J}

Record Creation Time: 20250513T053739+0000

Record Last Update: 20260808T050943+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S6-Lrat^{tm1Kpal}/J.

No alerts have been found for B6;129S6-Lrat^{tm1Kpal}/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](#) .

Huh CYL, et al. (2022) Retinoid therapy restores eye-specific cortical responses in adult mice with retinal degeneration. Current biology : CB, 32(20), 4538.