

Resource Summary Report

Generated by SPARC SAWG on Aug 13, 2026

B6.129S4-Lpl^{tm1ljg/J}

RRID:IMSR_JAX:006503

Type: Organism

Proper Citation

RRID:IMSR_JAX:006503

Organism Information

URL: <https://www.jax.org/strain/006503>

Proper Citation: RRID:IMSR_JAX:006503

Description: Mus musculus with name B6.129S4-Lpl^{tm1ljg/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: lipoprotein lipase; mutant strain|congenic strain: Lpl

Affected Gene: lipoprotein lipase

Genomic Alteration: targeted mutation 1; Ira J Goldberg

Catalog Number: JAX:006503

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S4-Lpl^{tm1ljg/J}

Record Creation Time: 20250513T053657+0000

Record Last Update: 20260808T050900+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Lpl^{tm1ljg/J}.

No alerts have been found for B6.129S4-Lpl^{tm1ljg/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Berland C, et al. (2020) Circulating Triglycerides Gate Dopamine-Associated Behaviors through DRD2-Expressing Neurons. *Cell metabolism*, 31(4), 773.

Laperrousaz E, et al. (2018) Lipoprotein Lipase Expression in Hypothalamus Is Involved in the Central Regulation of Thermogenesis and the Response to Cold Exposure. *Frontiers in endocrinology*, 9, 103.

Heine M, et al. (2018) Lipolysis Triggers a Systemic Insulin Response Essential for Efficient Energy Replenishment of Activated Brown Adipose Tissue in Mice. *Cell metabolism*, 28(4), 644.