

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 2026

## B6.129S4-Lpl<sup>tm1ljg/J</sup>

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<sup>tm1ljg/J</sup> 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<sup>tm1ljg/J</sup>

**Record Creation Time:** 20250513T053657+0000

**Record Last Update:** 20260725T044408+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S4-Lpl<sup>tm1ljg/J</sup>.

No alerts have been found for B6.129S4-Lpl<sup>tm1ljg/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

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.