Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

STOCK Lepr^{tm1Jke}/J

RRID:IMSR_JAX:018989
Type: Organism

Proper Citation

RRID:IMSR_JAX:018989

Organism Information

URL: https://www.jax.org/strain/018989

Proper Citation: RRID:IMSR_JAX:018989

Description: Mus musculus with name STOCK Lepr^{tm1Jke}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: leptin receptor; mutant stock: Lepr

Affected Gene: leptin receptor

Genomic Alteration: targeted mutation 1; Joel K Elmquist

Catalog Number: JAX:018989

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:18989

Organism Name: STOCK Lepr^{tm1Jke}/J

Record Creation Time: 20230509T193314+0000

Record Last Update: 20240104T175033+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Lepr^{tm1Jke}/J.

No alerts have been found for STOCK Lepr^{tm1Jke}/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Evans MC, et al. (2023) Leptin, but not Estradiol, Signaling in PACAP Neurons Modulates Puberty Onset. Endocrinology, 164(8).

Quaresma PGF, et al. (2021) Leptin Receptor Expression in GABAergic Cells is Not Sufficient to Normalize Metabolism and Reproduction in Mice. Endocrinology, 162(11).

Biddinger JE, et al. (2020) Leptin suppresses development of GLP-1 inputs to the paraventricular nucleus of the hypothalamus. eLife, 9.

He Z, et al. (2019) Acute effects of zinc and insulin on arcuate anorexigenic proopiomelanocortin neurons. British journal of pharmacology, 176(5), 725.

Ramos-Lobo AM, et al. (2019) Long-term consequences of the absence of leptin signaling in early life. eLife, 8.