

Resource Summary Report

Generated by [nidm-terms](#) on Aug 26, 2026

B6.129X1(FVB)-Lepr^{tm1Jke/J}

RRID:IMSR_JAX:019111

Type: Organism

Proper Citation

RRID:IMSR_JAX:019111

Organism Information

URL: <https://www.jax.org/strain/019111>

Proper Citation: RRID:IMSR_JAX:019111

Description: Mus musculus with name B6.129X1(FVB)-Lepr^{tm1Jke/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: leptin receptor; mutant strain|congenic strain: Lepr

Affected Gene: leptin receptor

Genomic Alteration: targeted mutation 1; Joel K Elmquist

Catalog Number: JAX:019111

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129X1(FVB)-Lepr^{tm1Jke/J}

Record Creation Time: 20250513T053740+0000

Record Last Update: 20260815T050652+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1(FVB)-Lepr^{tm1Jke/J}.

No alerts have been found for B6.129X1(FVB)-Lepr^{tm1Jke/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 [nidm-terms](#) .

Piattini F, et al. (2019) A spontaneous leptin receptor point mutation causes obesity and differentially affects leptin signaling in hypothalamic nuclei resulting in metabolic dysfunctions distinct from db/db mice. Molecular metabolism, 25, 131.