Resource Summary Report

Generated by kravitz2 on Sep 19, 2026

C57BL/6JGpt-Lep^{em1Cd25}/Gpt

RRID:IMSR_GPT:T001461
Type: Organism

Proper Citation

RRID:IMSR_GPT:T001461

Organism Information

URL: https://en.gempharmatech.com/product/details100035_3691210.html

Proper Citation: RRID:IMSR_GPT:T001461

Description: Mus musculus with name C57BL/6JGpt-Lep^{em1Cd25}/Gpt from IMSR.

Species: Mus musculus

Notes: gene symbol note: leptin; coisogenic strain: Lep;LEPTIN

Affected Gene: leptin

Catalog Number: GPT:T001461

Database: GemPharmatech

Database Abbreviation: GPT

Availability: embryo

Organism Name: C57BL/6JGpt-Lep^{em1Cd25}/Gpt

Record Creation Time: 20250513T053923+0000

Record Last Update: 20260919T055107+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JGpt-Lep^{em1Cd25}/Gpt.

No alerts have been found for C57BL/6JGpt-Lep^{em1Cd25}/Gpt.

Data and Source Information

Source: Integrated Animals

Source Database: GemPharmatech

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Xie C, et al. (2026) Lysosome-localized IRTKS condensates promote mTORC1 activity leading to MASLD and HCC. Cell reports, 45(2), 116893.

Zhang Y, et al. (2024) Iron overload in hypothalamic AgRP neurons contributes to obesity and related metabolic disorders. Cell reports, 43(3), 113900.

Cao H, et al. (2023) Malonylation of Acetyl-CoA carboxylase 1 promotes hepatic steatosis and is attenuated by ketogenic diet in NAFLD. Cell reports, 42(4), 112319.

Yang S, et al. (2022) Ginsenoside Compound K Protects against Obesity through Pharmacological Targeting of Glucocorticoid Receptor to Activate Lipophagy and Lipid Metabolism. Pharmaceutics, 14(6).

Liu W, et al. (2022) GREM2 is associated with human central obesity and inhibits visceral preadipocyte browning. EBioMedicine, 78, 103969.

Li Z, et al. (2022) Imatinib and methazolamide ameliorate COVID-19-induced metabolic complications via elevating ACE2 enzymatic activity and inhibiting viral entry. Cell metabolism, 34(3), 424.

Chen S, et al. (2021) The phytochemical hyperforin triggers thermogenesis in adipose tissue via a Dlat-AMPK signaling axis to curb obesity. Cell metabolism, 33(3), 565.