

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

C57BL/6-Oprm1^{tm2.1(EGFP/cre)}lcs/KffJ

RRID:IMSR_JAX:038053

Type: Organism

Proper Citation

RRID:IMSR_JAX:038053

Organism Information

URL: <https://www.jax.org/strain/038053>

Proper Citation: RRID:IMSR_JAX:038053

Description: Mus musculus with name C57BL/6-Oprm1^{tm2.1(EGFP/cre)}lcs/KffJ from IMSR.

Species: Mus musculus

Synonyms: C57BL/6N-Oprm1/KffJ

Notes: gene symbol note: opioid receptor; mu 1; coisogenic strain|mutant strain: Oprm1

Affected Gene: opioid receptor; mu 1

Genomic Alteration: targeted mutation 2.1; Mouse Clinical Institute

Catalog Number: JAX:038053

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Oprm1^{tm2.1(EGFP/cre)}lcs/KffJ

Record Creation Time: 20250513T053903+0000

Record Last Update: 20260912T060632+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Oprm1^{tm2.1(EGFP/cre)}lcs/KffJ.

No alerts have been found for C57BL/6-Oprm1^{tm2.1(EGFP/cre)}lcs/KffJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Livrizzi G, et al. (2026) Top-down control of the descending pain modulatory system drives multimodal placebo analgesia. Neuron.

Singhal SM, et al. (2025) Mu-opioid receptor activation potentiates excitatory transmission at the habenulo-peduncular synapse. Cell reports, 44(7), 115874.