

Resource Summary Report

Generated by [dkNET](#) on Aug 9, 2026

B6;129S2-Oprm1^{tm4Kff}/J

RRID:IMSR_JAX:029013

Type: Organism

Proper Citation

RRID:IMSR_JAX:029013

Organism Information

URL: <https://www.jax.org/strain/029013>

Proper Citation: RRID:IMSR_JAX:029013

Description: Mus musculus with name B6;129S2-Oprm1^{tm4Kff}/J from IMSR.

Species: Mus musculus

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

Affected Gene: opioid receptor; mu 1|

Genomic Alteration: targeted mutation 4; Brigitte L Kieffer

Catalog Number: JAX:029013

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S2-Oprm1^{tm4Kff}/J

Record Creation Time: 20250513T053807+0000

Record Last Update: 20260808T051006+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S2-Oprm1^{tm4Kff}/J.

No alerts have been found for B6;129S2-Oprm1^{tm4Kff}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Caccavano AP, et al. (2025) Divergent opioid-mediated suppression of inhibition between hippocampus and neocortex across species and development. *Neuron*, 113(11), 1805.

Caccavano AP, et al. (2024) Divergent opioid-mediated suppression of inhibition between hippocampus and neocortex across species and development. *bioRxiv : the preprint server for biology*.

Fagan RR, et al. (2024) Selective targeting of mu opioid receptors to primary cilia. *Cell reports*, 43(5), 114164.