

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

B6.129S2-Pomc^{tm1Low}/J

RRID:IMSR_JAX:003191

Type: Organism

Proper Citation

RRID:IMSR_JAX:003191

Organism Information

URL: <https://www.jax.org/strain/003191>

Proper Citation: RRID:IMSR_JAX:003191

Description: Mus musculus with name B6.129S2-Pomc^{tm1Low}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S2-Pomc. B6.129S2-Pomc1/J

Notes: gene symbol note: pro-opiomelanocortin-alpha; mutant strain|congenic strain: Pomc

Affected Gene: pro-opiomelanocortin-alpha

Genomic Alteration: targeted mutation 1; Malcolm J Low

Catalog Number: JAX:003191

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S2-Pomc^{tm1Low}/J

Record Creation Time: 20250513T053637+0000

Record Last Update: 20260815T050547+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Pomc^{tm1Low}/J.

No alerts have been found for B6.129S2-Pomc^{tm1Low}/J.

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](#) .

Rhinehart EM, et al. (2018) Sex and μ -Opioid Influence the Effects of Ethanol on Limbic GABA2 Expression in a Mouse Binge Drinking Model. *Frontiers in genetics*, 9, 567.

Labuz D, et al. (2016) Distinct roles of exogenous opioid agonists and endogenous opioid peptides in the peripheral control of neuropathy-triggered heat pain. *Scientific reports*, 6, 32799.