

# Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

## B6.129S2-Pomc<sup>tm1Low</sup>/J

RRID:IMSR\_JAX:003191

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:003191

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### Organism Information

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

**Proper Citation:** RRID:IMSR\_JAX:003191

**Description:** Mus musculus with name B6.129S2-Pomc<sup>tm1Low</sup>/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<sup>tm1Low</sup>/J

**Record Creation Time:** 20250513T053637+0000

**Record Last Update:** 20260725T044347+0000

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### Ratings and Alerts

No rating or validation information has been found for B6.129S2-Pomc<sup>tm1Low</sup>/J.

No alerts have been found for B6.129S2-Pomc<sup>tm1Low</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Rhinehart EM, et al. (2018) Sex and  $\mu$ -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.