

# Resource Summary Report

Generated by ASWG on Aug 12, 2026

## B6.129S4-Pdyn<sup>tm1Ute</sup>/J

RRID:IMSR\_JAX:004272

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:004272

### Organism Information

**URL:** <https://www.jax.org/strain/004272>

**Proper Citation:** RRID:IMSR\_JAX:004272

**Description:** Mus musculus with name B6.129S4-Pdyn<sup>tm1Ute</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: prodynorphin; mutant strain|congenic strain: Pdyn

**Affected Gene:** prodynorphin

**Genomic Alteration:** targeted mutation 1; Ute Hochgeschwender

**Catalog Number:** JAX:004272

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129S4-Pdyn<sup>tm1Ute</sup>/J

**Record Creation Time:** 20250513T053643+0000

**Record Last Update:** 20260808T050845+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S4-Pdyn<sup>tm1Ute</sup>/J.

No alerts have been found for B6.129S4-Pdyn<sup>tm1Ute</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 1 mentions in open access literature.

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

Osso LA, et al. (2021) Experience-dependent myelination following stress is mediated by the neuropeptide dynorphin. Neuron, 109(22), 3619.