

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

B6.129S4-Pdyn^{tm1Ute}/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^{tm1Ute}/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^{tm1Ute}/J

Record Creation Time: 20250513T053643+0000

Record Last Update: 20260815T050555+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Pdyn^{tm1Ute}/J.

No alerts have been found for B6.129S4-Pdyn^{tm1Ute}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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