

# Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

## B6.129(Cg)-Ank2<sup>tm1.1Pmoh</sup>/MnrJ

RRID:IMSR\_JAX:031428

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:031428

### Organism Information

**URL:** <https://www.jax.org/strain/031428>

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**Description:** Mus musculus with name B6.129(Cg)-Ank2<sup>tm1.1Pmoh</sup>/MnrJ from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: ankyrin 2; brain; mutant strain|congenic strain: Ank2

**Affected Gene:** ankyrin 2; brain

**Genomic Alteration:** targeted mutation 1.1; Peter J Mohler

**Catalog Number:** JAX:031428

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129(Cg)-Ank2<sup>tm1.1Pmoh</sup>/MnrJ

**Record Creation Time:** 20250513T053822+0000

**Record Last Update:** 20260905T044557+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129(Cg)-Ank2<sup>tm1.1Pmoh</sup>/MnrJ.

No alerts have been found for B6.129(Cg)-Ank2<sup>tm1.1Pmoh</sup>/MnrJ.

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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 [NIF](#) .

Nelson AD, et al. (2024) Physical and functional convergence of the autism risk genes Scn2a and Ank2 in neocortical pyramidal cell dendrites. Neuron.

Zhang C, et al. (2021) Ankyrin-dependent Na<sup>+</sup> channel clustering prevents neuromuscular synapse fatigue. Current biology : CB, 31(17), 3810.