

Resource Summary Report

Generated by [nidm-terms](#) on Aug 20, 2026

B6.129(Cg)-Ank2^{tm1.1Pmoh}/MnrJ

RRID:IMSR_JAX:031428

Type: Organism

Proper Citation

RRID:IMSR_JAX:031428

Organism Information

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

Proper Citation: RRID:IMSR_JAX:031428

Description: Mus musculus with name B6.129(Cg)-Ank2^{tm1.1Pmoh}/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^{tm1.1Pmoh}/MnrJ

Record Creation Time: 20250513T053822+0000

Record Last Update: 20260815T050735+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(Cg)-Ank2^{tm1.1Pmoh}/MnrJ.

No alerts have been found for B6.129(Cg)-Ank2^{tm1.1Pmoh}/MnrJ.

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 [nidm-terms](#) .

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⁺ channel clustering prevents neuromuscular synapse fatigue. Current biology : CB, 31(17), 3810.