

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6.129-Abcd1^{tm1Kan/J}

RRID:IMSR_JAX:003716

Type: Organism

Proper Citation

RRID:IMSR_JAX:003716

Organism Information

URL: <https://www.jax.org/strain/003716>

Proper Citation: RRID:IMSR_JAX:003716

Description: Mus musculus with name B6.129-Abcd1^{tm1Kan/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: ATP-binding cassette; sub-family D member 1; mutant strain|congenic strain: Abcd1

Affected Gene: ATP-binding cassette; sub-family D member 1

Genomic Alteration: targeted mutation 1; Klaus-Armin Nave

Catalog Number: JAX:003716

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Abcd1^{tm1Kan/J}

Record Creation Time: 20250513T053641+0000

Record Last Update: 20260919T054830+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Abcd1^{tm1Kan/J}.

No alerts have been found for B6.129-Abcd1^{tm1Kan/J}.

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 [kravitz2](#) .

Martinovi? K, et al. (2023) Abcd1 deficiency accelerates cuprizone-induced oligodendrocyte loss and axonopathy in a demyelinating mouse model of X-linked adrenoleukodystrophy. Acta neuropathologica communications, 11(1), 98.

Hong SA, et al. (2022) In vivo gene editing via homology-independent targeted integration for adrenoleukodystrophy treatment. Molecular therapy : the journal of the American Society of Gene Therapy, 30(1), 119.