

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

B6.129-Cdkl5^{tm1.2Joez/J}

RRID:IMSR_JAX:030523

Type: Organism

Proper Citation

RRID:IMSR_JAX:030523

Organism Information

URL: <https://www.jax.org/strain/030523>

Proper Citation: RRID:IMSR_JAX:030523

Description: Mus musculus with name B6.129-Cdkl5^{tm1.2Joez/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: cyclin dependent kinase like 5; mutant strain|congenic strain: Cdkl5

Affected Gene: cyclin dependent kinase like 5

Genomic Alteration: targeted mutation 1.2; Zhaolan Zhou

Catalog Number: JAX:030523

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Cdkl5^{tm1.2Joez/J}

Record Creation Time: 20250513T053815+0000

Record Last Update: 20260829T045124+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Cdkl5^{tm1.2Joez/J}.

No alerts have been found for B6.129-Cdkl5^{tm1.2Joez/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 [NIF](#) .

Zhu ZA, et al. (2023) CDKL5 deficiency in adult glutamatergic neurons alters synaptic activity and causes spontaneous seizures via TrkB signaling. Cell reports, 42(10), 113202.

Jhang CL, et al. (2020) Dopaminergic loss of cyclin-dependent kinase-like 5 recapitulates methylphenidate-remediable hyperlocomotion in mouse model of CDKL5 deficiency disorder. Human molecular genetics, 29(14), 2408.