

# Resource Summary Report

Generated by [kravitz2](#) on Sep 20, 2026

## B6.129-Cdkl5<sup>tm1.2Joez/J</sup>

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<sup>tm1.2Joez/J</sup> 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<sup>tm1.2Joez/J</sup>

**Record Creation Time:** 20250513T053815+0000

**Record Last Update:** 20260919T055000+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129-Cdkl5<sup>tm1.2Joez/J</sup>.

No alerts have been found for B6.129-Cdkl5<sup>tm1.2Joez/J</sup>.

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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 [kravitz2](#) .

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.