

# Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[Mlc1<sup>tm1.1Vdk</sup>/Mlc1<sup>tm1.1Vdk</sup>](#)

RRID:MGI:6105933

Type: Organism

## Proper Citation

RRID:MGI:6105933

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:6105933

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** abnormal astrocyte morphology, cerebral edema, increased brain weight, behavior/neurological phenotype, abnormal myelin sheath morphology, abnormal astrocyte physiology, abnormal astrocyte morphology, brain vacuoles, increased brain size, brain vacuoles

**Affected Gene:** Mlc1

**Genomic Alteration:** tm1.1Vdk

**Catalog Number:** 6105933

**Background:** involves: C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:28695146](#), [PMID:25382142](#)

**Organism Name:** Mlc1<sup>tm1.1Vdk</sup>/Mlc1<sup>tm1.1Vdk</sup>

**Record Creation Time:** 20240120T185825+0000

**Record Last Update:** 20240130T201538+0000

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## Ratings and Alerts

No rating or validation information has been found for Mlc1<sup>tm1.1Vdk</sup>/Mlc1<sup>tm1.1Vdk</sup>.

No alerts have been found for Mlc1<sup>tm1.1Vdk</sup>/Mlc1<sup>tm1.1Vdk</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.