

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[Cdk5r1^{tm1Lht}](#)/[Cdk5r1^{tm1Lht}](#)

RRID:MGI:3721424

Type: Organism

Proper Citation

RRID:MGI:3721424

Organism Information

URL:

Proper Citation: RRID:MGI:3721424

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

Species: Mus musculus

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

Phenotype: seizures, decreased corpus callosum size, hyperactivity, increased serotonin level, abnormal behavioral response to xenobiotic, abnormal innervation, abnormal physiological response to xenobiotic, abnormal sensitization to xenobiotic, abnormal stratification in cerebral cortex, increased cellular glucose import, ectopic Purkinje cell, abnormal hippocampus morphology, abnormal hippocampus layer morphology, abnormal forebrain morphology, abnormal forebrain development, abnormal dentate gyrus morphology, abnormal striatum morphology, decreased corpus callosum size, dilated lateral ventricles, abnormal cerebral cortex morphology, abnormal cerebellar molecular layer, premature death, abnormal olfactory bulb development, abnormal axon extension, reduced long term potentiation

Affected Gene: Cdk5r1

Genomic Alteration: tm1Lht

Catalog Number: 3721424

Background: involves: 129S4/SvJae

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9010203](#), [PMID:20832057](#), [PMID:23064382](#)

Organism Name: Cdk5r1^{tm1Lht}/Cdk5r1^{tm1Lht}

Record Creation Time: 20240120T190504+0000

Record Last Update: 20240130T201933+0000

Ratings and Alerts

No rating or validation information has been found for Cdk5r1^{tm1Lht}/Cdk5r1^{tm1Lht}.

No alerts have been found for Cdk5r1^{tm1Lht}/Cdk5r1^{tm1Lht}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.