

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Cdk4^{tm2.1Bbd}/Cdk4^{tm2.1Bbd}; Cdk2^{tm1Sgo}/Cdk2^{tm1Sgo}](#)

RRID:MGI:3759575

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3759575

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

Species: Mus musculus

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

Phenotype: congestive heart failure, abnormal liver physiology, decreased erythrocyte cell number, neonatal lethality, complete penetrance, decreased body weight, liver hypoplasia, decreased fibroblast proliferation, enlarged myocardial fiber, abnormal cell cycle, abnormal definitive hematopoiesis, abnormal fetal cardiomyocyte proliferation, thin ventricular wall

Affected Gene: Cdk2, Cdk4

Genomic Alteration: tm2.1Bbd, tm1Sgo

Catalog Number: 3759575

Background: involves: 129S1/Sv * 129X1/SvJ * BALB/cJ * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19383288](#)

Organism Name: Cdk4^{tm2.1Bbd}/Cdk4^{tm2.1Bbd}; Cdk2^{tm1Sgo}/Cdk2^{tm1Sgo}

Record Creation Time: 20240120T190459+0000

Record Last Update: 20240130T201930+0000

Ratings and Alerts

No rating or validation information has been found for Cdk4^{tm2.1Bbd}/Cdk4^{tm2.1Bbd}; Cdk2^{tm1Sgo}/Cdk2^{tm1Sgo}.

No alerts have been found for Cdk4^{tm2.1Bbd}/Cdk4^{tm2.1Bbd}; Cdk2^{tm1Sgo}/Cdk2^{tm1Sgo}.

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.