

Resource Summary Report

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

[Ccne1^{tm1Pisc}/Ccne1^{tm1Pisc}](#); [Ccne2^{tm1Pisc}/Ccne2^{tm1Pisc}](#)

RRID:MGI:2675493

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:2675493

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

Species: Mus musculus

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

Phenotype: embryonic lethality during organogenesis, complete penetrance, ostium primum atrial septal defect, abnormal trophoblast giant cell morphology, decreased embryo size, abnormal thrombopoiesis, abnormal aortic arch development, ventricular septal defect, double outlet right ventricle, atrioventricular septal defect, abnormal placenta morphology, abnormal definitive hematopoiesis, abnormal cardiovascular system morphology, abnormal extraembryonic tissue morphology

Affected Gene: Ccne1, Ccne2

Genomic Alteration: tm1Pisc

Catalog Number: 2675493

Background: involves: 129S2/SvPas

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12941272](#)

Organism Name: Ccne1^{tm1Pisc}/Ccne1^{tm1Pisc}; Ccne2^{tm1Pisc}/Ccne2^{tm1Pisc}

Record Creation Time: 20240120T190726+0000

Record Last Update: 20240130T202054+0000

Ratings and Alerts

No rating or validation information has been found for Ccne1^{tm1Pisc}/Ccne1^{tm1Pisc}; Ccne2^{tm1Pisc}/Ccne2^{tm1Pisc}.

No alerts have been found for Ccne1^{tm1Pisc}/Ccne1^{tm1Pisc}; Ccne2^{tm1Pisc}/Ccne2^{tm1Pisc}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Vladar EK, et al. (2018) Cyclin-dependent kinase control of motile ciliogenesis. eLife, 7.