

Resource Summary Report

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

[Cdon^{tm1Rsk}](#)/[Cdon^{tm1Rsk}](#)

RRID:MGI:2653134

Type: Organism

Proper Citation

RRID:MGI:2653134

Organism Information

URL:

Proper Citation: RRID:MGI:2653134

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

Species: Mus musculus

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

Phenotype: neonatal lethality, incomplete penetrance, piriform aperture stenosis, absent nasal septum cartilage, abnormal upper incisor morphology, absent primary palate, nasal septum cartilage hypoplasia, basisphenoid bone foramen, absent upper incisors, decreased body size, small nasal septum, abnormal philtrum morphology, small basisphenoid bone, abnormal craniofacial morphology, postnatal lethality, incomplete penetrance, abnormal nose morphology, holoprosencephaly, abnormal premaxilla morphology

Affected Gene: Cdon

Genomic Alteration: tm1Rsk

Catalog Number: 2653134

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12620190](#)

Organism Name: Cdon^{tm1Rsk}/Cdon^{tm1Rsk}

Record Creation Time: 20240120T190742+0000

Record Last Update: 20240130T202104+0000

Ratings and Alerts

No rating or validation information has been found for Cdon^{tm1Rsk}/Cdon^{tm1Rsk}.

No alerts have been found for Cdon^{tm1Rsk}/Cdon^{tm1Rsk}.

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](#) .

Echevarría-Andino ML, et al. (2023) CDON contributes to Hedgehog-dependent patterning and growth of the developing limb. Developmental biology, 493, 1.