

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Celsr3^{tm1Agof}/Celsr3^{tm1Agof}](#)

RRID:MGI:3579160

Type: Organism

Proper Citation

RRID:MGI:3579160

Organism Information

URL:

Proper Citation: RRID:MGI:3579160

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

Species: Mus musculus

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

Phenotype: abnormal globus pallidus morphology, abnormal pulmonary alveolus morphology, neonatal lethality, complete penetrance, cyanosis, decreased corticospinal tract size, abnormal nervous system tract morphology, respiratory failure, abnormal cortical marginal zone morphology, atelectasis, impaired coordination, abnormal brain morphology, abnormal axon guidance, absent anterior commissure, distended duodenum, meteorism, abnormal cerebral cortex morphology, absent brain internal capsule

Affected Gene: Celsr3

Genomic Alteration: tm1Agof

Catalog Number: 3579160

Background: either: CD-1.129P2-Celsr3 or (involves: 129P2/OlaHsd * C57BL/6 * CD-1)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15778712](#)

Organism Name: Celsr3^{tm1Agof}/Celsr3^{tm1Agof}

Record Creation Time: 20240120T190631+0000

Record Last Update: 20240130T202120+0000

Ratings and Alerts

No rating or validation information has been found for Celsr3^{tm1Agof}/Celsr3^{tm1Agof}.

No alerts have been found for Celsr3^{tm1Agof}/Celsr3^{tm1Agof}.

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](#) .

Young TR, et al. (2023) Thalamocortical control of cell-type specificity drives circuits for processing whisker-related information in mouse barrel cortex. Nature communications, 14(1), 6077.