

Resource Summary Report

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

[Otx1^{tm1Sia}/Otx1^{tm1Sia}](#)

RRID:MGI:3579858

Type: Organism

Proper Citation

RRID:MGI:3579858

Organism Information

URL:

Proper Citation: RRID:MGI:3579858

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

Species: Mus musculus

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

Phenotype: abnormal cerebral cortex morphology, increased cornea thickness, meteorism, abnormal cartilage morphology, small hippocampus, neonatal lethality, complete penetrance, retina hyperplasia, absent lacrimal glands, abnormal nervous system morphology, abnormal eye anterior chamber morphology, abnormal third ventricle morphology, abnormal orbitosphenoid bone morphology, abnormal cranium morphology, abnormal lens morphology, abnormal trigeminal V mesencephalic nucleus morphology

Affected Gene: Otx1

Genomic Alteration: tm1Sia

Catalog Number: 3579858

Background: involves: C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9077465](#)

Organism Name: Otx1^{tm1Sia}/Otx1^{tm1Sia}

Record Creation Time: 20240120T190631+0000

Record Last Update: 20240130T202023+0000

Ratings and Alerts

No rating or validation information has been found for Otx1^{tm1Sia}/Otx1^{tm1Sia}.

No alerts have been found for Otx1^{tm1Sia}/Otx1^{tm1Sia}.

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.