

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[Msx2^{tm1Rilm}/Msx2^{tm1Rilm}](#)

RRID:MGI:4844283

Type: Organism

Proper Citation

RRID:MGI:4844283

Organism Information

URL:

Proper Citation: RRID:MGI:4844283

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

Species: Mus musculus

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

Phenotype: microphthalmia, abnormal retina morphology, increased cornea thickness, abnormal lens morphology, iris hyperplasia, abnormal eye morphology, abnormal eye development, abnormal lens vesicle development, abnormal optic vesicle formation, increased corneal stroma thickness, vitreous body deposition, small lens, abnormal cornea morphology, decreased corneal epithelium thickness, narrow eye opening, corneal opacity, anterior iris synechia, abnormal retinal pigment epithelium morphology

Affected Gene: Msx2

Genomic Alteration: tm1Rilm

Catalog Number: 4844283

Background: involves: 129S4/SvJae

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22503753](#)

Organism Name: Msx2^{tm1Rilm}/Msx2^{tm1Rilm}

Record Creation Time: 20240120T190237+0000

Record Last Update: 20240130T201810+0000

Ratings and Alerts

No rating or validation information has been found for Msx2^{tm1Rilm}/Msx2^{tm1Rilm}.

No alerts have been found for Msx2^{tm1Rilm}/Msx2^{tm1Rilm}.

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.