

Resource Summary Report

Generated by [T1D](#) on Sep 17, 2026

[Cyp1b1^{tm1Gonz}/Cyp1b1^{tm1Gonz}](#)

RRID:MGI:3655819

Type: Organism

Proper Citation

RRID:MGI:3655819

Organism Information

URL:

Proper Citation: RRID:MGI:3655819

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

Species: Mus musculus

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

Phenotype: abnormal iridocorneal angle, anterior iris synechia, abnormal trabecular meshwork morphology, absent Schlemm's canal

Affected Gene: Cyp1b1

Genomic Alteration: tm1Gonz

Catalog Number: 3655819

Background: involves: 129X1/SvJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12624268](#)

Organism Name: Cyp1b1^{tm1Gonz}/Cyp1b1^{tm1Gonz}

Record Creation Time: 20240120T190548+0000

Record Last Update: 20240130T202044+0000

Ratings and Alerts

No rating or validation information has been found for Cyp1b1^{tm1Gonz}/Cyp1b1^{tm1Gonz}.

No alerts have been found for Cyp1b1^{tm1Gonz}/Cyp1b1^{tm1Gonz}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Song YS, et al. (2023) Cytochrome P450 1B1 Expression Regulates Intracellular Iron Levels and Oxidative Stress in the Retinal Endothelium. International journal of molecular sciences, 24(3).

Mukherjee K, et al. (2018) Cytochrome P450 1B1 Is Critical for Neointimal Growth in Wire-Injured Carotid Artery of Male Mice. Journal of the American Heart Association, 7(18), e010065.