

# Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

## 129S6.129X1(B6)-Cyp1b1<sup>tm1Gonz</sup>/Mmnc

RRID:MMRRC\_016822-UNC

Type: Organism

### Proper Citation

RRID:MMRRC\_016822-UNC

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=16822](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16822)

**Proper Citation:** RRID:MMRRC\_016822-UNC

**Description:** Mus musculus with name 129S6.129X1(B6)-Cyp1b1<sup>tm1Gonz</sup>/Mmnc from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cancer, Metabolism, Models for Human Disease; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** abnormal iridocorneal angle [MP:0004221]| hypoplastic trabecular meshwork [MP:0004223]| absent Schlemm's canal [MP:0004226]| decreased incidence of tumors by chemical induction [MP:0004502]| abnormal trabecular meshwork morphology [MP:0005203]| abnormal canal of Schlemm morphology [MP:0005204]| decreased physiological sensitivity to xenobiotic [MP:0008874]| anterior iris synechia [MP:0011481]

**Affected Gene:** Cyp1b1

**Catalog Number:** 016822-UNC

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:10051580](#)

**Alternate IDs:** MMRRC\_16822-UNC, MMRRC\_016822, MMRRC\_16822

**Organism Name:** 129S6.129X1(B6)-Cyp1b1<sup>tm1Gonz</sup>/Mmnc

**Record Creation Time:** 20230308T054944+0000

**Record Last Update:** 20260801T123736+0000

---

## Ratings and Alerts

No rating or validation information has been found for 129S6.129X1(B6)-*Cyp1b1*<sup>tm1Gonz</sup>/Mmnc.

No alerts have been found for 129S6.129X1(B6)-*Cyp1b1*<sup>tm1Gonz</sup>/Mmnc.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

---

## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Amirmokhtari N, et al. (2021) Absence of Cytochrome P450-1b1 Increases Susceptibility of Pressure-Induced Axonopathy in the Murine Retinal Projection. *Frontiers in cell and developmental biology*, 9, 636321.