

# Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

## [Gbx2<sup>tm1.1Mrt</sup>](#)/[Gbx2<sup>tm1.1Mrt</sup>](#)

RRID:MGI:3698553

Type: Organism

### Proper Citation

RRID:MGI:3698553

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3698553

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

**Species:** Mus musculus

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

**Phenotype:** abnormal cochlear sensory epithelium morphology, abnormal organ of Corti morphology, abnormal metencephalon morphology, abnormal vestibular saccular macula morphology, decreased cochlear coiling, inner ear cysts, absent endolymphatic duct, abnormal inner ear morphology, abnormal hindbrain development, small otic vesicle, abnormal rhombomere 5 morphology, absent cochlear ganglion, absent posterior semicircular canal, absent superior semicircular canal, absent lateral semicircular canal, absent common crus, absent vestibular saccule, absent scala media, abnormal membranous labyrinth morphology, abnormal cochlear ganglion morphology, abnormal crista ampullaris morphology

**Affected Gene:** Gbx2

**Genomic Alteration:** tm1.1Mrt

**Catalog Number:** 3698553

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* Swiss Webster

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:15829521](#)

**Organism Name:** Gbx2<sup>tm1.1Mrt</sup>/Gbx2<sup>tm1.1Mrt</sup>

**Record Creation Time:** 20240120T190532+0000

**Record Last Update:** 20240130T201948+0000

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## Ratings and Alerts

No rating or validation information has been found for Gbx2<sup>tm1.1Mrt</sup>/Gbx2<sup>tm1.1Mrt</sup>.

No alerts have been found for Gbx2<sup>tm1.1Mrt</sup>/Gbx2<sup>tm1.1Mrt</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.