

# Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

## [Ovol2<sup>tm1Xdai</sup>](#)/[Ovol2<sup>tm1Xdai</sup>](#)

RRID:MGI:3620948

Type: Organism

### Proper Citation

RRID:MGI:3620948

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3620948

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

**Species:** Mus musculus

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

**Phenotype:** decreased embryonic neuroepithelial cell proliferation, abnormal heart tube morphology, abnormal heart development, small pharyngeal arch, abnormal dorsal-ventral axis patterning, abnormal forebrain development, increased neural crest cell apoptosis, cardia bifida, common ventricle, abnormal neural crest cell delamination, absent otic pit, abnormal notochord morphology, abnormal heart looping, abnormal digestive system development, abnormal prechordal plate morphology, abnormal optic pit morphology, abnormal optic eminence morphology, abnormal cephalic neural fold morphology, abnormal head mesenchyme morphology, incomplete rostral neuropore closure, increased embryonic neuroepithelium thickness, abnormal hindgut morphology, spina bifida, abnormal foregut morphology, abnormal surface ectoderm morphology, abnormal embryonic neuroepithelium morphology, embryonic lethality during organogenesis, complete penetrance, abnormal embryo turning

**Affected Gene:** Ovol2

**Genomic Alteration:** tm1Xdai

**Catalog Number:** 3620948

**Background:** either: (involves: 129P2/OlaHsd \* C57BL/6J) or (involves: 129P2/OlaHsd \* CD-1)

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16423343](#)

**Organism Name:** Ovol2<sup>tm1Xdai</sup>/Ovol2<sup>tm1Xdai</sup>

**Record Creation Time:** 20240120T190602+0000

**Record Last Update:** 20240130T202006+0000

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## Ratings and Alerts

No rating or validation information has been found for Ovol2<sup>tm1Xdai</sup>/Ovol2<sup>tm1Xdai</sup>.

No alerts have been found for Ovol2<sup>tm1Xdai</sup>/Ovol2<sup>tm1Xdai</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.