

# Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

## Tg(Gad1-cre/-lacZ)1Mini; Pax5<sup>tm3Mbu</sup>/Pax5<sup>+</sup>

RRID:MGI:5486580

Type: Organism

### Proper Citation

RRID:MGI:5486580

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5486580

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

**Species:** Mus musculus

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

**Phenotype:** hydrocephaly, dilated lateral ventricles, hyperactivity, increased anxiety-related response, premature death, domed cranium

**Affected Gene:** Pax5

**Genomic Alteration:** Tg(Gad1-cre, -lacZ)1Mini, tm3Mbu

**Catalog Number:** 5486580

**Background:** involves: 129P2/OlaHsd \* C57BL/6 \* CBA

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:23349049](#)

**Organism Name:** Tg(Gad1-cre/-lacZ)1Mini; Pax5<sup>tm3Mbu</sup>/Pax5<sup>+</sup>

**Record Creation Time:** 20240120T190119+0000

**Record Last Update:** 20240130T201725+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(Gad1-cre/-lacZ)1Mini; Pax5<sup>tm3Mbu</sup>/Pax5<sup>+</sup>.

No alerts have been found for Tg(Gad1-cre/-lacZ)1Mini; Pax5<sup>tm3Mbu</sup>/Pax5<sup>+</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 found 1 mentions in open access literature.

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

Yu J, et al. (2021) Pax5 Negatively Regulates Osteoclastogenesis through Downregulation of Blimp1. International journal of molecular sciences, 22(4).