

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

Tg(Gad1-cre/-lacZ)1Mini; Pax5^{tm3Mbu}/Pax5⁺

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^{tm3Mbu}/Pax5⁺

Record Creation Time: 20240120T190119+0000

Record Last Update: 20240130T201725+0000

Ratings and Alerts

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

No alerts have been found for Tg(Gad1-cre/-lacZ)1Mini; Pax5^{tm3Mbu}/Pax5⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

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).