

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[Tg\(tTA\)1PjIn; Tg\(tetO-Pou2af1\)1PjIn; Pou2af1^{tm1PjIn}/Pou2af1^{tm1PjIn}](#)

RRID:MGI:4354504

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4354504

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

Species: Mus musculus

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

Phenotype: decreased immunoglobulin level, decreased B cell number, decreased mature B cell number, immune system phenotype

Affected Gene: Pou2af1

Genomic Alteration: tm1PjIn, Tg(tTA)1PjIn, Tg(tetO-Pou2af1)1PjIn

Catalog Number: 4354504

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11238890](#)

Organism Name: Tg(tTA)1PjIn; Tg(tetO-Pou2af1)1PjIn; Pou2af1^{tm1PjIn}/Pou2af1^{tm1PjIn}

Record Creation Time: 20240120T190328+0000

Record Last Update: 20240130T201838+0000

Ratings and Alerts

No rating or validation information has been found for Tg(tTA)1Pjln; Tg(tetO-Pou2af1)1Pjln; Pou2af1^{tm1Pjln}/Pou2af1^{tm1Pjln}.

No alerts have been found for Tg(tTA)1Pjln; Tg(tetO-Pou2af1)1Pjln; Pou2af1^{tm1Pjln}/Pou2af1^{tm1Pjln}.

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](#) .

Zhang M, et al. (2022) Gamma-Aminobutyrate Transaminase Protects against Lipid Overload-Triggered Cardiac Injury in Mice. International journal of molecular sciences, 23(4).