

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 18, 2025

[Tg\(tetO-Arntl\)1Jt; Arntl^{tm1Bra}/Arntl^{tm1Bra}; Tg\(Scg2-tTA\)1Jt](#)

RRID:MGI:3714773

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3714773

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

Species: Mus musculus

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

Phenotype: shortened circadian behavior period, behavior/neurological phenotype, abnormal locomotor activation

Affected Gene: Arntl

Genomic Alteration: Tg(Scg2-tTA)1Jt, tm1Bra, Tg(tetO-Arntl)1Jt

Catalog Number: 3714773

Background: involves: 129/Sv * C57BL/6J * CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17124323](#)

Organism Name: Tg(tetO-Arntl)1Jt; Arntl^{tm1Bra}/Arntl^{tm1Bra}; Tg(Scg2-tTA)1Jt

Record Creation Time: 20240120T190516+0000

Record Last Update: 20240130T201939+0000

Ratings and Alerts

No rating or validation information has been found for Tg(tetO-Arntl)1Jt; Arntl^{tm1Bra}/Arntl^{tm1Bra}; Tg(Scg2-tTA)1Jt.

No alerts have been found for Tg(tetO-Arntl)1Jt; Arntl^{tm1Bra}/Arntl^{tm1Bra}; Tg(Scg2-tTA)1Jt.

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 [FDI Lab - SciCrunch.org](#).

Ehlen JC, et al. (2017) Bmal1 function in skeletal muscle regulates sleep. eLife, 6.