

Resource Summary Report

Generated by SPARC SAWG on Aug 28, 2026

C57BL/6-Tg(tetO-ArchT/EGFP)1Ahky/AhkyRbrc

RRID:IMSR_RBRC05842

Type: Organism

Proper Citation

RRID:IMSR_RBRC05842

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05842>

Proper Citation: RRID:IMSR_RBRC05842

Description: Mus musculus with name C57BL/6-Tg(tetO-ArchT/EGFP)1Ahky/AhkyRbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(tetO-aop3*/EGFP)1Ahky/AhkyRbrc

Notes: gene symbol note: tetracycline operon|Archaeorhodopsin-T||transgene insertion 1; Akihiro Yamanaka; mutant strain: tetO|ArchT||Tg(tetO-ArchT/EGFP)1Ahky

Affected Gene: tetracycline operon|Archaeorhodopsin-T||transgene insertion 1; Akihiro Yamanaka

Genomic Alteration: tetracycline operon|Archaeorhodopsin-T||transgene insertion 1; Akihiro Yamanaka

Catalog Number: RBRC05842

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Tg(tetO-ArchT/EGFP)1Ahky/AhkyRbrc

Record Creation Time: 20250513T061505+0000

Record Last Update: 20260815T054827+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(tetO-ArchT/EGFP)1Ahky/AhkyRbrc.

No alerts have been found for C57BL/6-Tg(tetO-ArchT/EGFP)1Ahky/AhkyRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ohmura Y, et al. (2021) Disruption of model-based decision making by silencing of serotonin neurons in the dorsal raphe nucleus. Current biology : CB, 31(11), 2446.

Nishitani N, et al. (2021) Serotonin neurons in the median raphe nucleus bidirectionally regulate somatic signs of nicotine withdrawal in mice. Biochemical and biophysical research communications, 562, 62.