

Resource Summary Report

Generated by SPARC SAWG on Aug 12, 2026

C57BL/6-Tg(MCH-tTA)1Ahky/AhkyRbrc

RRID:IMSR_RBRC05844

Type: Organism

Proper Citation

RRID:IMSR_RBRC05844

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05844>

Proper Citation: RRID:IMSR_RBRC05844

Description: Mus musculus with name C57BL/6-Tg(MCH-tTA)1Ahky/AhkyRbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(MCH-tTA)BAhky/AhkyRbrc

Notes: gene symbol note: transgene insertion 1; Akihiro Yamanaka|pro-melanin-concentrating hormone|tetracycline-controlled transactivator protein; mutant strain: Tg(MCH-tTA)1Ahky|Pmch|tTA

Affected Gene: transgene insertion 1; Akihiro Yamanaka|pro-melanin-concentrating hormone|tetracycline-controlled transactivator protein

Genomic Alteration: transgene insertion 1; Akihiro Yamanaka|pro-melanin-concentrating hormone|tetracycline-controlled transactivator protein

Catalog Number: RBRC05844

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6-Tg(MCH-tTA)1Ahky/AhkyRbrc

Record Creation Time: 20250513T061505+0000

Record Last Update: 20260808T054851+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6-Tg(MCH-tTA)1Ahky/AhkyRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Hung CJ, et al. (2020) Dual orexin and MCH neuron-ablated mice display severe sleep attacks and cataplexy. eLife, 9.