

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

B6.Cg-Tg(Klk8-tTA)SMmay/MullMmmh

RRID:MMRRC_031779-MU

Type: Organism

Proper Citation

RRID:MMRRC_031779-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31779

Proper Citation: RRID:MMRRC_031779-MU

Description: Mus musculus with name B6.Cg-Tg(Klk8-tTA)SMmay/MullMmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Transgenic ; Collection: Neuroscience Blueprint

Affected Gene: Klk8|tTA|

Catalog Number: 031779-MU

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_31779-MU, MMRRC_031779, MMRRC_31779

Organism Name: B6.Cg-Tg(Klk8-tTA)SMmay/MullMmmh

Record Creation Time: 20230308T055125+0000

Record Last Update: 20260919T133837+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Klk8-tTA)SMmay/MullMmmh.

No alerts have been found for B6.Cg-Tg(Klk8-tTA)SMmay/MullMmmh.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Lykken CM, et al. (2026) Reproducible and predictable reorganization of place fields driven by grid subfield rate changes. bioRxiv : the preprint server for biology.

Zhao R, et al. (2022) Activity disruption causes degeneration of entorhinal neurons in a mouse model of Alzheimer's circuit dysfunction. eLife, 11.

Chung A, et al. (2021) Cognitive control persistently enhances hippocampal information processing. Nature, 600(7889), 484.

Kanter BR, et al. (2017) A Novel Mechanism for the Grid-to-Place Cell Transformation Revealed by Transgenic Depolarization of Medial Entorhinal Cortex Layer II. Neuron, 93(6), 1480.

Fu H, et al. (2017) Tau Pathology Induces Excitatory Neuron Loss, Grid Cell Dysfunction, and Spatial Memory Deficits Reminiscent of Early Alzheimer's Disease. Neuron, 93(3), 533.

Zhao R, et al. (2016) Impaired Recall of Positional Memory following Chemogenetic Disruption of Place Field Stability. Cell reports, 16(3), 793.

Yetman MJ, et al. (2016) Humanized Tau Mice with Regionalized Amyloid Exhibit Behavioral Deficits but No Pathological Interaction. PloS one, 11(4), e0153724.