

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

C57BL/6N-*Th*^{tm1Awar}/Mmmh

RRID:MMRRC_050618-MU

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50618

Proper Citation: RRID:MMRRC_050618-MU

Description: Mus musculus with name C57BL/6N-*Th*^{tm1Awar}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Neurobiology, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Affected Gene: Th

Catalog Number: 050618-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:30104732](#)

Alternate IDs: MMRRC_50618-MU, MMRRC_050618, MMRRC_5618

Organism Name: C57BL/6N-*Th*^{tm1Awar}/Mmmh

Record Creation Time: 20230308T055313+0000

Record Last Update: 20260801T124747+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Th*^{tm1Awar}/Mmmh.

No alerts have been found for C57BL/6N-*Th^{tm1Awar}*/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Pr??vost ED, et al. (2025) Untangling dopamine and glutamate in the ventral tegmental area. bioRxiv : the preprint server for biology.

Barbano MF, et al. (2025) VTA monosynaptic connections by local glutamate and GABA neurons and their distinct roles in behavior. Nature communications, 16(1), 8500.

Habib A, et al. (2025) Subtype-Specific Roles of Nigrostriatal Dopaminergic Neurons in Motor and Associative Learning. bioRxiv : the preprint server for biology.

McGovern DJ, et al. (2025) Salience Signaling and Stimulus Scaling of Ventral Tegmental Area Glutamate Neuron Subtypes. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(27).

Habib A, et al. (2025) Subtype-specific roles of nigrostriatal dopaminergic neurons in motor and associative learning. Ageing and neurodegenerative diseases, 5(4).

Fleury S, et al. (2023) Role of Dopamine Neurons in Familiarity. bioRxiv : the preprint server for biology.

Ambrosi P, et al. (2022) Striatonigrostriatal circuit architecture for disinhibition of dopamine signaling. Cell reports, 40(7), 111228.

Yao Z, et al. (2021) A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. Cell, 184(12), 3222.

Lee BR, et al. (2021) Scaled, high fidelity electrophysiological, morphological, and transcriptomic cell characterization. eLife, 10.