

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

## B6.Cg-Tg(MAPT)8cPdav Mapt<sup>tm1(EGFP)Klt/J</sup>

RRID:IMSR\_JAX:005491

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:005491

### Organism Information

**URL:** <https://www.jax.org/strain/005491>

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**Description:** Mus musculus with name B6.Cg-Tg(MAPT)8cPdav Mapt<sup>tm1(EGFP)Klt/J</sup> from IMSR.

**Species:** Mus musculus

**Synonyms:** htau. B6.Cg-Mapt Tg(MAPT)8cPdav/J

**Notes:** gene symbol note: transgene insertion 8c; Peter Davies|microtubule-associated protein tau|microtubule associated protein tau; mutant strain|congenic strain: Tg(MAPT)8cPdav|Mapt|MAPT

**Affected Gene:** transgene insertion 8c; Peter Davies|microtubule-associated protein tau|microtubule associated protein tau

**Genomic Alteration:** transgene insertion 8c; Peter Davies|targeted mutation 1; Kerry Lee Tucker

**Catalog Number:** JAX:005491

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** B6.Cg-Tg(MAPT)8cPdav Mapt<sup>tm1(EGFP)Klt/J</sup>

**Record Creation Time:** 20250513T053650+0000

**Record Last Update:** 20260801T050352+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(MAPT)8cPdav Mapt<sup>tm1(EGFP)Klt/J</sup>.

No alerts have been found for B6.Cg-Tg(MAPT)8cPdav Mapt<sup>tm1(EGFP)Klt/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 12 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Conway LP, et al. (2025) Discovery of a tau-aggregate clearing compound that covalently targets P4HB. Cell chemical biology, 32(10), 1235.

Zwang TJ, et al. (2023) Tissue libraries enable rapid determination of conditions that preserve antibody labeling in cleared mouse and human tissue. eLife, 12.

Moayed Y, et al. (2023) The cellular basis of mechanosensation in mammalian tongue. Cell reports, 42(2), 112087.

Alvente S, et al. (2022) Pilot Study of the Effects of Chronic Intracerebroventricular Infusion of Human Anti-IgLON5 Disease Antibodies in Mice. Cells, 11(6).

Ferrer I, et al. (2022) Common and Specific Marks of Different Tau Strains Following Intra-Hippocampal Injection of AD, PiD, and GGT Inoculum in hTau Transgenic Mice. International journal of molecular sciences, 23(24).

Ferrer I, et al. (2022) Dysregulated Brain Protein Phosphorylation Linked to Increased Human Tau Expression in the hTau Transgenic Mouse Model. International journal of molecular sciences, 23(12).

Cloyd RA, et al. (2021) Effects of altered tau expression on dentate granule cell excitability in mice. Experimental neurology, 343, 113766.

Race B, et al. (2020) Prion-associated cerebral amyloid angiopathy is not exacerbated by human phosphorylated tau aggregates in scrapie-infected mice expressing anchorless prion protein. Neurobiology of disease, 144, 105057.

Zareba-Paslawska J, et al. (2020) Tau Isoform-Driven CBD Pathology Transmission in Oligodendrocytes in Humanized Tau Mice. Frontiers in neurology, 11, 589471.

Roussarie JP, et al. (2020) Selective Neuronal Vulnerability in Alzheimer's Disease: A Network-Based Analysis. Neuron, 107(5), 821.

Wu Z, et al. (2020) Delta-secretase triggers Alzheimer's disease pathologies in wild-type hAPP/hMAPT double transgenic mice. *Cell death & disease*, 11(12), 1058.

Jin N, et al. (2019) Glycogen synthase kinase-3 $\beta$  suppresses the expression of protein phosphatase methylesterase-1 through  $\beta$ -catenin. *Aging*, 11(21), 9672.