

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

STOCK Tg(MAPT)8cPdav Mapt^{tm1(EGFP)Klt/J}

RRID:IMSR_JAX:004808

Type: Organism

Proper Citation

RRID:IMSR_JAX:004808

Organism Information

URL: <https://www.jax.org/strain/004808>

Proper Citation: RRID:IMSR_JAX:004808

Description: Mus musculus with name STOCK Tg(MAPT)8cPdav Mapt^{tm1(EGFP)Klt/J} from IMSR.

Species: Mus musculus

Synonyms: htau. STOCK Mapt Tg(MAPT)8cPdav/J. STOCK Mapt Tg(MAPT)8cPdav/J

Notes: gene symbol note: transgene insertion 8c; Peter Davies||microtubule-associated protein tau|microtubule associated protein tau; mutant stock: 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:004808

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: STOCK Tg(MAPT)8cPdav Mapt^{tm1(EGFP)Klt/J}

Record Creation Time: 20250513T053646+0000

Record Last Update: 20260905T044428+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(MAPT)8cPdav Mapt^{tm1(EGFP)Klt/J}.

No alerts have been found for STOCK Tg(MAPT)8cPdav Mapt^{tm1(EGFP)Klt/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zhou Q, et al. (2022) Human tau accumulation promotes glycogen synthase kinase-3?? acetylation and thus upregulates the kinase: A vicious cycle in Alzheimer neurodegeneration. EBioMedicine, 78, 103970.

Bretland KA, et al. (2021) Irisin treatment lowers levels of phosphorylated tau in the hippocampus of pre-symptomatic female but not male htau mice. Neuropathology and applied neurobiology, 47(7), 967.

Gaikwad S, et al. (2021) Tau oligomer induced HMGB1 release contributes to cellular senescence and neuropathology linked to Alzheimer's disease and frontotemporal dementia. Cell reports, 36(3), 109419.