Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

STOCK Mapt$^{tm1(EGFP)Klt}$/J

RRID:IMSR_JAX:004779
Type: Organism

Proper Citation

RRID:IMSR_JAX:004779

Organism Information

URL: https://www.jax.org/strain/004779

Proper Citation: RRID:IMSR_JAX:004779

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

Species: Mus musculus

Synonyms: STOCK Mapt/J. B6;129S-Mapt/J

Notes: gene symbol note: |microtubule-associated protein tau; mutant stock: |Mapt

Affected Gene: |microtubule-associated protein tau

Genomic Alteration: targeted mutation 1; Kerry Lee Tucker

Catalog Number: JAX:004779

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: embryo

Alternate IDs: IMSR_JAX:4779

Organism Name: STOCK Mapt$^{tm1(EGFP)Klt}$/J

Record Creation Time: 20230509T193245+0000

Record Last Update: 20250412T090320+0000

Ratings and Alerts

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

No alerts have been found for STOCK Mapt$^{tm1(EGFP)Klt}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

Ayd?n M?, et al. (2023) Active shrinkage protects neurons following axonal transection. iScience, 26(10), 107715.

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.

Vermilyea SC, et al. (2022) Loss of tau expression attenuates neurodegeneration associated with ?-synucleinopathy. Translational neurodegeneration, 11(1), 34.

Janas JA, et al. (2022) Tip60-mediated H2A.Z acetylation promotes neuronal fate specification and bivalent gene activation. Molecular cell, 82(24), 4627.

Singh B, et al. (2019) Tau is required for progressive synaptic and memory deficits in a transgenic mouse model of ?-synucleinopathy. Acta neuropathologica, 138(4), 551.

Ang CE, et al. (2019) The novel lncRNA lnc-NR2F1 is pro-neurogenic and mutated in human neurodevelopmental disorders. eLife, 8.

Li X, et al. (2017) Direct Reprogramming of Fibroblasts via a Chemically Induced XEN-like State. Cell stem cell, 21(2), 264.

Petry FR, et al. (2014) Specificity of anti-tau antibodies when analyzing mice models of Alzheimer's disease: problems and solutions. PloS one, 9(5), e94251.