Resource Summary Report

Generated by dkNET on Aug 24, 2026

Tg(Prnp-MAPT*P301S)PS19Vle

RRID:MGI:3768518
Type: Organism

Proper Citation

RRID:MGI:3768518

Organism Information

URL:

Proper Citation: RRID:MGI:3768518

Description: Allele Detail: Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic This is a legacy resource.

Phenotype: limb grasping, abnormal spatial learning, weight loss, hunched posture, neurofibrillary tangles, paralysis, paresis, premature death, dilated brain ventricles, brain atrophy, abnormal CNS synaptic transmission, tau protein deposits, neurodegeneration, neurofibrillary tangles, paralysis, tau protein deposits, premature death, progressive muscle weakness, hippocampal neuron degeneration, reduced long term potentiation, tau protein deposits, weakness, abnormal spinal cord white matter morphology, abnormal hippocampal mossy fiber morphology, abnormal amygdala morphology, hunched posture, decreased paired-pulse facilitation, loss of hippocampal neurons, hippocampus atrophy, abnormal entorhinal cortex morphology, abnormal excitatory postsynaptic potential, abnormal dentate gyrus morphology, abnormal cerebral cortex morphology, dystrophic muscle, abnormal hippocampus pyramidal cell morphology, decreased hippocampus volume, astrocytosis

Affected Gene: Tg(Prnp-MAPT*P301S)PS19Vle

Genomic Alteration: Tg(Prnp-MAPT*P301S)PS19Vle

Catalog Number: 3768518

Background: involves: C3H * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:17270732, PMID:21698260, PMID:20802182, PMID:26931567

Organism Name: Tg(Prnp-MAPT*P301S)PS19Vle

Record Creation Time: 20240120T190451+0000

Record Last Update: 20240130T201926+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Prnp-MAPT*P301S)PS19Vle.

No alerts have been found for Tg(Prnp-MAPT*P301S)PS19Vle.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Hou TY, et al. (2020) Correcting abnormalities in miR-124/PTPN1 signaling rescues tau pathology in Alzheimer's disease. Journal of neurochemistry, 154(4), 441.