

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

Tg(Thy1-SNCA*A30P)18Pjk/Tg(Thy1-SNCA*A30P)18Pjk

RRID:MGI:2652214

Type: Organism

Proper Citation

RRID:MGI:2652214

Organism Information

URL:

Proper Citation: RRID:MGI:2652214

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

Species: Mus musculus

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

Phenotype: hindlimb paralysis, gliosis, hunched posture, abnormal tail movements, abnormal gait, abnormal locomotor behavior, progressive muscle weakness

Genomic Alteration: Tg(Thy1-SNCA*A30P)18Pjk

Catalog Number: 2652214

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12438441](#)

Organism Name: Tg(Thy1-SNCA*A30P)18Pjk/Tg(Thy1-SNCA*A30P)18Pjk

Record Creation Time: 20240120T190742+0000

Record Last Update: 20240130T202104+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Thy1-SNCA*A30P)18Pjk/Tg(Thy1-SNCA*A30P)18Pjk.

No alerts have been found for Tg(Thy1-SNCA*A30P)18Pjk/Tg(Thy1-SNCA*A30P)18Pjk.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Yin M, et al. (2025) Low-grade chronic inflammatory stimulation alleviates ??syn accumulation in Parkinson's disease by activating autophagy to promote neuronal survival in the Thy1-h[A30P]?-syn mouse model. Behavioural brain research, 494, 115703.

Hallbeck M, et al. (2024) Accumulation of alpha-synuclein pathology in the liver exhibits post-translational modifications associated with Parkinson's disease. iScience, 27(12), 111448.

Gordevicius J, et al. (2021) Epigenetic inactivation of the autophagy-lysosomal system in appendix in Parkinson's disease. Nature communications, 12(1), 5134.

Behere A, et al. (2021) Visualization of early oligomeric ?-synuclein pathology and its impact on the dopaminergic system in the (Thy-1)-h[A30P]?-syn transgenic mouse model. Journal of neuroscience research, 99(10), 2525.

Veys L, et al. (2021) Characterizing the Retinal Phenotype of the Thy1-h[A30P]?-syn Mouse Model of Parkinson's Disease. Frontiers in neuroscience, 15, 726476.