

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 30, 2026

FVB;129-Pink1^{tm1Aub} Tg(Prnp-SNCA*A53T)AAub/J

RRID:IMSR_JAX:017678

Type: Organism

Proper Citation

RRID:IMSR_JAX:017678

Organism Information

URL: <https://www.jax.org/strain/017678>

Proper Citation: RRID:IMSR_JAX:017678

Description: Mus musculus with name FVB;129-Pink1^{tm1Aub} Tg(Prnp-SNCA*A53T)AAub/J from IMSR.

Species: Mus musculus

Synonyms: FVB(129)-Pink1 Tg(Prnp-SNCA*A53T)AAub/J

Notes: gene symbol note: synuclein alpha|prion protein|transgene insertion A; Georg Auburger|PTEN induced putative kinase 1; mutant stock: SNCA|Prnp|Tg(Prnp-SNCA*A53T)AAub|Pink1

Affected Gene: synuclein alpha|prion protein|transgene insertion A; Georg Auburger|PTEN induced putative kinase 1

Genomic Alteration: transgene insertion A; Georg Auburger|targeted mutation 1; Georg Auburger

Catalog Number: JAX:017678

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB;129-Pink1^{tm1Aub} Tg(Prnp-SNCA*A53T)AAub/J

Record Creation Time: 20250513T053733+0000

Record Last Update: 20260725T044442+0000

Ratings and Alerts

No rating or validation information has been found for FVB;129-Pink1^{tm1Aub} Tg(Prnp-SNCA*A53T)AAub/J.

No alerts have been found for FVB;129-Pink1^{tm1Aub} Tg(Prnp-SNCA*A53T)AAub/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Franck L, et al. (2025) Modest improvement of metabolic and behavioral deficits with long-term ambroxol treatment in a Pink1^{-/-}-SNCAA53T double mutant mouse model of Parkinson's disease. Acta pharmacologica Sinica.