

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

C57BL/6-Tg(Prnp-TARDBP)3cPtrc/J

RRID:IMSR_JAX:016608

Type: Organism

Proper Citation

RRID:IMSR_JAX:016608

Organism Information

URL: <https://www.jax.org/strain/016608>

Proper Citation: RRID:IMSR_JAX:016608

Description: Mus musculus with name C57BL/6-Tg(Prnp-TARDBP)3cPtrc/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(Prnp-TARDBP)3cLtrc/J

Notes: gene symbol note: prion protein|TAR DNA binding protein|transgene insertion 3c; Leonard Petrucelli; coisogenic strain|mutant strain: Prnp|TARDBP|Tg(Prnp-TARDBP)3cPtrc

Affected Gene: prion protein|TAR DNA binding protein|transgene insertion 3c; Leonard Petrucelli

Genomic Alteration: transgene insertion 3c; Leonard Petrucelli

Catalog Number: JAX:016608

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(Prnp-TARDBP)3cPtrc/J

Record Creation Time: 20250513T053730+0000

Record Last Update: 20260801T050436+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Prnp-TARDBP)3cPtrc/J.

No alerts have been found for C57BL/6-Tg(Prnp-TARDBP)3cPtrc/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Atkinson RAK, et al. (2021) Effects of TDP-43 overexpression on neuron proteome and morphology in vitro. Molecular and cellular neurosciences, 114, 103627.

Matsukawa K, et al. (2021) Long non-coding RNA NEAT1_1 ameliorates TDP-43 toxicity in in vivo models of TDP-43 proteinopathy. RNA biology, 18(11), 1546.