

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

B6.Cg-Tg(Prnp-TARDBP*Q331K)103Dwc/J

RRID:IMSR_JAX:017933

Type: Organism

Proper Citation

RRID:IMSR_JAX:017933

Organism Information

URL: <https://www.jax.org/strain/017933>

Proper Citation: RRID:IMSR_JAX:017933

Description: Mus musculus with name B6.Cg-Tg(Prnp-TARDBP*Q331K)103Dwc/J from IMSR.

Species: Mus musculus

Synonyms: B6N.Cg-Tg(Prnp-TARDBP*Q331K)103Dwc/J

Notes: gene symbol note: TAR DNA binding protein|prion protein|transgene insertion 103; Don W Cleveland|myc tag; mutant strain|congenic strain: TARDBP|Prnp|Tg(Prnp-TARDBP*Q331K)103Dwc|myc tag

Affected Gene: TAR DNA binding protein|prion protein|transgene insertion 103; Don W Cleveland|myc tag

Genomic Alteration: transgene insertion 103; Don W Cleveland

Catalog Number: JAX:017933

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(Prnp-TARDBP*Q331K)103Dwc/J

Record Creation Time: 20250513T053735+0000

Record Last Update: 20260905T044518+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Prnp-TARDBP*Q331K)103Dwc/J.

No alerts have been found for B6.Cg-Tg(Prnp-TARDBP*Q331K)103Dwc/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

San Gil R, et al. (2024) A transient protein folding response targets aggregation in the early phase of TDP-43-mediated neurodegeneration. Nature communications, 15(1), 1508.

Torres P, et al. (2022) A motor neuron disease mouse model reveals a non-canonical profile of senescence biomarkers. Disease models & mechanisms, 15(8).

Sun X, et al. (2018) Distinct multilevel misregulations of Parkin and PINK1 revealed in cell and animal models of TDP-43 proteinopathy. Cell death & disease, 9(10), 953.