

# Resource Summary Report

Generated by [kravitz2](#) on Sep 6, 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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.