Resource Summary Report

Generated by RRID on Jul 30, 2026

B6.Cg-Tg(Prnp-TARDBP*A315T)95Balo/J

RRID:IMSR_JAX:010700
Type: Organism

Proper Citation

RRID:IMSR_JAX:010700

Organism Information

URL: https://www.jax.org/strain/010700

Proper Citation: RRID:IMSR_JAX:010700

Description: Mus musculus with name B6.Cg-Tg(Prnp-TARDBP*A315T)95Balo/J from IMSR.

Species: Mus musculus

Synonyms: B6.CB-Tg(Prnp-TARDBP*A315T)95Balo/J. B6;CB-Tg(Prnp-TARDBP*A315T)95Balo/J

Notes: gene symbol note: prion protein|TAR DNA binding protein|transgene insertion 95; Robert Baloh; mutant strain|congenic strain: Prnp|TARDBP|Tg(Prnp-TARDBP*A315T)95Balo

Affected Gene: prion protein|TAR DNA binding protein|transgene insertion 95; Robert Baloh

Genomic Alteration: transgene insertion 95; Robert Baloh

Catalog Number: JAX:010700

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(Prnp-TARDBP*A315T)95Balo/J

Record Creation Time: 20250513T053717+0000

Record Last Update: 20260725T044427+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Prnp-TARDBP*A315T)95Balo/J.

No alerts have been found for B6.Cg-Tg(Prnp-TARDBP*A315T)95Balo/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Nógrádi B, et al. (2025) The CCL2-CCR2 axis drives neuromuscular denervation in amyotrophic lateral sclerosis. Nature communications, 16(1), 7053.

Zhu B, et al. (2025) Highly sensitive chemiluminescence imaging of misfolded proteins in neurodegenerative models. bioRxiv : the preprint server for biology.

Genç B, et al. (2022) Upper motor neurons are a target for gene therapy and UCHL1 is necessary and sufficient to improve cellular integrity of diseased upper motor neurons. Gene therapy, 29(3-4), 178.

Garofalo S, et al. (2022) Blocking immune cell infiltration of the central nervous system to tame Neuroinflammation in Amyotrophic lateral sclerosis. Brain, behavior, and immunity, 105, 1.

Arredondo C, et al. (2022) Excessive release of inorganic polyphosphate by ALS/FTD astrocytes causes non-cell-autonomous toxicity to motoneurons. Neuron, 110(10), 1656.

Cocozza G, et al. (2021) The feeding behaviour of Amyotrophic Lateral Sclerosis mouse models is modulated by the Ca2+ -activated KCa 3.1 channels. British journal of pharmacology, 178(24), 4891.

Yu CH, et al. (2020) TDP-43 Triggers Mitochondrial DNA Release via mPTP to Activate cGAS/STING in ALS. Cell, 183(3), 636.

Garofalo S, et al. (2020) Natural killer cells modulate motor neuron-immune cell cross talk in models of Amyotrophic Lateral Sclerosis. Nature communications, 11(1), 1773.