

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.

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.

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.

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.