

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

B6;C3-Tg(NEFH-tTA)8Vle Tg(tetO-TARDBP*)4Vle/J

RRID:IMSR_JAX:028412

Type: Organism

Proper Citation

RRID:IMSR_JAX:028412

Organism Information

URL: <https://www.jax.org/strain/028412>

Proper Citation: RRID:IMSR_JAX:028412

Description: Mus musculus with name B6;C3-Tg(NEFH-tTA)8Vle Tg(tetO-TARDBP*)4Vle/J from IMSR.

Species: Mus musculus

Synonyms: NEFH-hTDP-43DeltaNLS. rNLS8

Notes: gene symbol note: TAR DNA binding protein|transgene insertion 8; Virginia M-Y Lee|tet operator|tetracycline-controlled transactivator|neurofilament heavy|transgene insertion 4; Virginia M Y Lee; mutant stock: TARDBP|Tg(NEFH-tTA)8Vle|tetO|tTA|NEFH|Tg(tetO-TARDBP*)4Vle

Affected Gene: TAR DNA binding protein|transgene insertion 8; Virginia M-Y Lee|tet operator|tetracycline-controlled transactivator|neurofilament heavy|transgene insertion 4; Virginia M Y Lee

Genomic Alteration: transgene insertion 4; Virginia M Y Lee|transgene insertion 8; Virginia M-Y Lee

Catalog Number: JAX:028412

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;C3-Tg(NEFH-tTA)8Vle Tg(tetO-TARDBP*)4Vle/J

Record Creation Time: 20250513T053804+0000

Ratings and Alerts

No rating or validation information has been found for B6;C3-Tg(NEFH-tTA)8Vle Tg(tetO-TARDBP*)4Vle/J.

No alerts have been found for B6;C3-Tg(NEFH-tTA)8Vle Tg(tetO-TARDBP*)4Vle/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Yan X, et al. (2025) Intra-condensate demixing of TDP-43 inside stress granules generates pathological aggregates. *Cell*, 188(15), 4123.

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.

Droppelmann CA, et al. (2024) Mitigation of TDP-43 toxic phenotype by an RGNEF fragment in amyotrophic lateral sclerosis models. *Brain : a journal of neurology*, 147(6), 2053.

Luan W, et al. (2023) Early activation of cellular stress and death pathways caused by cytoplasmic TDP-43 in the rNLS8 mouse model of ALS and FTD. *Molecular psychiatry*, 28(6), 2445.