Resource Summary Report

Generated by NIF on Sep 2, 2026

B6;SJL-Tg(Thy1-TARDBP)4Singh/J

RRID:IMSR_JAX:012836
Type: Organism

Proper Citation

RRID:IMSR_JAX:012836

Organism Information

URL: https://www.jax.org/strain/012836

Proper Citation: RRID:IMSR_JAX:012836

Description: Mus musculus with name B6;SJL-Tg(Thy1-TARDBP)4Singh/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 4; Samir Kumar-Singh|TAR DNA binding protein|thymus cell antigen 1; theta; mutant stock: Tg(Thy1-TARDBP)4Singh|TARDBP|Thy1

Affected Gene: transgene insertion 4; Samir Kumar-Singh|TAR DNA binding protein|thymus cell antigen 1; theta

Genomic Alteration: transgene insertion 4; Samir Kumar-Singh

Catalog Number: JAX:012836

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;SJL-Tg(Thy1-TARDBP)4Singh/J

Record Creation Time: 20250513T053722+0000

Record Last Update: 20260829T045018+0000

Ratings and Alerts

No rating or validation information has been found for B6;SJL-Tg(Thy1-TARDBP)4Singh/J.

No alerts have been found for B6;SJL-Tg(Thy1-TARDBP)4Singh/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Yan Y, et al. (2026) Ubiquitin-specific peptidase-19 links TDP-43 aggregation to ER stress. Proceedings of the National Academy of Sciences of the United States of America, 123(11), e2514355123.

Cook AK, et al. (2026) Human TDP-43 expression worsens FTD-related phenotypes in progranulin-insufficient mice. Neurobiology of disease, 227, 107475.

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

Chaytow H, et al. (2022) Targeting phosphoglycerate kinase 1 with terazosin improves motor neuron phenotypes in multiple models of amyotrophic lateral sclerosis. EBioMedicine, 83, 104202.

Fabbrizio P, et al. (2021) Contingent intramuscular boosting of P2XR7 axis improves motor function in transgenic ALS mice. Cellular and molecular life sciences : CMLS, 79(1), 7.

Maor-Nof M, et al. (2021) p53 is a central regulator driving neurodegeneration caused by C9orf72 poly(PR). Cell, 184(3), 689.

Becker LA, et al. (2017) Therapeutic reduction of ataxin-2 extends lifespan and reduces pathology in TDP-43 mice. Nature, 544(7650), 367.