

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

STOCK Tg(Prnp-FUS)WT3Cshw/J

RRID:IMSR_JAX:017916

Type: Organism

Proper Citation

RRID:IMSR_JAX:017916

Organism Information

URL: <https://www.jax.org/strain/017916>

Proper Citation: RRID:IMSR_JAX:017916

Description: Mus musculus with name STOCK Tg(Prnp-FUS)WT3Cshw/J from IMSR.

Species: Mus musculus

Synonyms: B6;CD1-Tg(Prnp-FUS)WT3Cshw/J

Notes: gene symbol note: transgene insertion WT3; Christopher Shaw|prion protein|FUS RNA binding protein; mutant stock: Tg(Prnp-FUS)WT3Cshw|Prnp|FUS

Affected Gene: transgene insertion WT3; Christopher Shaw|prion protein|FUS RNA binding protein

Genomic Alteration: transgene insertion WT3; Christopher Shaw

Catalog Number: JAX:017916

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Prnp-FUS)WT3Cshw/J

Record Creation Time: 20250513T053735+0000

Record Last Update: 20260829T045052+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Prnp-FUS)WT3Cshw/J.

No alerts have been found for STOCK Tg(Prnp-FUS)WT3Cshw/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Milani M, et al. (2021) Targeting S100A4 with niclosamide attenuates inflammatory and profibrotic pathways in models of amyotrophic lateral sclerosis. Journal of neuroinflammation, 18(1), 132.

Fabrizio 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.

Mirra A, et al. (2017) Functional interaction between FUS and SMN underlies SMA-like splicing changes in wild-type hFUS mice. Scientific reports, 7(1), 2033.