

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

B6.Cg-Tg(PMP22)C3Fbas/J

RRID:IMSR_JAX:030052

Type: Organism

Proper Citation

RRID:IMSR_JAX:030052

Organism Information

URL: <https://www.jax.org/strain/030052>

Proper Citation: RRID:IMSR_JAX:030052

Description: Mus musculus with name B6.Cg-Tg(PMP22)C3Fbas/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion C3; Frank Baas|peripheral myelin protein 22; mutant strain|congenic strain: Tg(PMP22)C3Fbas|PMP22

Affected Gene: transgene insertion C3; Frank Baas|peripheral myelin protein 22

Genomic Alteration: transgene insertion C3; Frank Baas

Catalog Number: JAX:030052

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(PMP22)C3Fbas/J

Record Creation Time: 20250513T053812+0000

Record Last Update: 20260725T044516+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(PMP22)C3Fbas/J.

No alerts have been found for B6.Cg-Tg(PMP22)C3Fbas/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](#) .

Fernandez-Fuente G, et al. (2024) Spatial selectivity of ATase inhibition in mouse models of Charcot-Marie-Tooth disease. Brain communications, 6(4), fcae232.

Michailidou I, et al. (2023) The systemic inhibition of the terminal complement system reduces neuroinflammation but does not improve motor function in mouse models of CMT1A with overexpressed PMP22. Current research in neurobiology, 4, 100077.

Zhukovsky N, et al. (2022) Alpha-1 Antitrypsin Reduces Disease Progression in a Mouse Model of Charcot-Marie-Tooth Type 1A: A Role for Decreased Inflammation and ADAM-17 Inhibition. International journal of molecular sciences, 23(13).

Govbakh I, et al. (2021) Stem Cell Therapy Enhances Motor Activity of Triceps Surae Muscle in Mice with Hereditary Peripheral Neuropathy. International journal of molecular sciences, 22(21).