Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 12, 2025

B6.Cg-Tg(Thy1-CFP/COX8A)S2Lich/J

RRID:IMSR_JAX:007967
Type: Organism

Proper Citation

RRID:IMSR_JAX:007967

Organism Information

URL: https://www.jax.org/strain/007967

Proper Citation: RRID:IMSR_JAX:007967

Description: Mus musculus with name B6.Cg-Tg(Thy1-CFP/COX8A)S2Lich/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion S2; Jeff W Lichtman||thymus cell antigen 1; theta|cytochrome c oxidase subunit 8A; congenic strain: Tg(Thy1-CFP/COX8A)S2Lich||Thy1|COX8A

Affected Gene: transgene insertion S2; Jeff W Lichtman||thymus cell antigen 1; theta|cytochrome c oxidase subunit 8A

Genomic Alteration: transgene insertion S2; Jeff W Lichtman

Catalog Number: JAX:007967

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:7967

Organism Name: B6.Cg-Tg(Thy1-CFP/COX8A)S2Lich/J

Record Creation Time: 20230509T193255+0000

Record Last Update: 20250412T090436+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Thy1-CFP/COX8A)S2Lich/J.

No alerts have been found for B6.Cg-Tg(Thy1-CFP/COX8A)S2Lich/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kiryu-Seo S, et al. (2022) Impaired disassembly of the axon initial segment restricts mitochondrial entry into damaged axons. The EMBO journal, 41(20), e110486.

Villarroel-Campos D, et al. (2022) Dissection, in vivo imaging and analysis of the mouse epitrochleoanconeus muscle. Journal of anatomy, 241(5), 1108.

Quintero H, et al. (2022) Restoration of mitochondria axonal transport by adaptor Disc1 supplementation prevents neurodegeneration and rescues visual function. Cell reports, 40(11), 111324.

Huang N, et al. (2021) Reprogramming an energetic AKT-PAK5 axis boosts axon energy supply and facilitates neuron survival and regeneration after injury and ischemia. Current biology : CB, 31(14), 3098.

Harun-Or-Rashid M, et al. (2018) Structural and Functional Rescue of Chronic Metabolically Stressed Optic Nerves through Respiration. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(22), 5122.