

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

C57BL/6-Tg(Uchl1-EGFP)G1Phoz/J

RRID:IMSR_JAX:022476

Type: Organism

Proper Citation

RRID:IMSR_JAX:022476

Organism Information

URL: <https://www.jax.org/strain/022476>

Proper Citation: RRID:IMSR_JAX:022476

Description: Mus musculus with name C57BL/6-Tg(Uchl1-EGFP)G1Phoz/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion G1; P Hande Ozdinler||ubiquitin carboxy-terminal hydrolase L1; coisogenic strain|mutant strain: Tg(Uchl1-EGFP)G1Phoz||Uchl1

Affected Gene: transgene insertion G1; P Hande Ozdinler||ubiquitin carboxy-terminal hydrolase L1

Genomic Alteration: transgene insertion G1; P Hande Ozdinler

Catalog Number: JAX:022476

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(Uchl1-EGFP)G1Phoz/J

Record Creation Time: 20250513T053745+0000

Record Last Update: 20260912T060530+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Uchl1-EGFP)G1Phoz/J.

No alerts have been found for C57BL/6-Tg(Uchl1-EGFP)G1Phoz/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Willows JW, et al. (2023) Schwann cells contribute to demyelinating diabetic neuropathy and nerve terminal structures in white adipose tissue. *iScience*, 26(3), 106189.

Kirsanov O, et al. (2023) Retinoic acid is dispensable for meiotic initiation but required for spermiogenesis in the mammalian testis. *Development (Cambridge, England)*, 150(14).

Genç B, et al. (2022) NU-9 improves health of hSOD1G93A mouse upper motor neurons in vitro, especially in combination with riluzole or edaravone. *Scientific reports*, 12(1), 5383.

Gautam M, et al. (2022) Mitochondrial dysregulation occurs early in ALS motor cortex with TDP-43 pathology and suggests maintaining NAD⁺ balance as a therapeutic strategy. *Scientific reports*, 12(1), 4287.

Kirsanov O, et al. (2022) Modeling mammalian spermatogonial differentiation and meiotic initiation in vitro. *Development (Cambridge, England)*, 149(22).

Ozyurt T, et al. (2021) Differential Epigenetic Signature of Corticospinal Motor Neurons in ALS. *Brain sciences*, 11(6).

Willows JW, et al. (2021) Visualization and analysis of whole depot adipose tissue neural innervation. *iScience*, 24(10), 103127.

Genc B, et al. (2020) The Timing and Extent of Motor Neuron Vulnerability in ALS Correlates with Accumulation of Misfolded SOD1 Protein in the Cortex and in the Spinal Cord. *Cells*, 9(2).

Jara JH, et al. (2020) The Electrophysiological Determinants of Corticospinal Motor Neuron Vulnerability in ALS. *Frontiers in molecular neuroscience*, 13, 73.

Jara JH, et al. (2019) MCP1-CCR2 and neuroinflammation in the ALS motor cortex with TDP-43 pathology. *Journal of neuroinflammation*, 16(1), 196.

Labuzzetta CJ, et al. (2016) Complementary feature selection from alternative splicing events and gene expression for phenotype prediction. *Bioinformatics* (Oxford, England), 32(17), i421.

Genç B, et al. (2015) Visualization of Sensory Neurons and Their Projections in an Upper Motor Neuron Reporter Line. *PloS one*, 10(7), e0132815.