

# Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

## STOCK Tg(Thy1-cre/ERT2.-EYFP)HGfng/PyngJ

RRID:IMSR\_JAX:012708

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:012708

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### Organism Information

**URL:** <https://www.jax.org/strain/012708>

**Proper Citation:** RRID:IMSR\_JAX:012708

**Description:** Mus musculus with name STOCK Tg(Thy1-cre/ERT2.-EYFP)HGfng/PyngJ from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: transgene insertion H; Guoping Feng||estrogen receptor 1|thymus cell antigen 1; theta; mutant stock: Tg(Thy1-cre/ERT2;-EYFP)HGfng||ESR1|Thy1

**Affected Gene:** transgene insertion H; Guoping Feng||estrogen receptor 1|thymus cell antigen 1; theta

**Genomic Alteration:** transgene insertion H; Guoping Feng

**Catalog Number:** JAX:012708

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** STOCK Tg(Thy1-cre/ERT2.-EYFP)HGfng/PyngJ

**Record Creation Time:** 20250513T053722+0000

**Record Last Update:** 20260815T050632+0000

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### Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Thy1-cre/ERT2.-EYFP)HGfng/PyngJ.

No alerts have been found for STOCK Tg(Thy1-cre/ERT2.-EYFP)HGfng/PyngJ.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Nicholson M, et al. (2025) Neuronal TrkB supports adult cortical oligodendrogenesis in the brains of older adult mice. *Neurobiology of aging*, 160, 64.

Wu S, et al. (2024) Endoplasmic reticulum associated degradation preserves neurons viability by maintaining endoplasmic reticulum homeostasis. *Frontiers in neuroscience*, 18, 1437854.

Hull JM, et al. (2023) Heterogeneity of voltage gated sodium current density between neurons decorrelates spiking and suppresses network synchronization in Scn1b null mouse models. *Scientific reports*, 13(1), 8887.

Chang C, et al. (2023) Mouse models of human CNTNAP1-associated congenital hypomyelinating neuropathy and genetic restoration of murine neurological deficits. *Cell reports*, 42(10), 113274.

Luo L, et al. (2020) Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. *Neuron*, 106(1), 37.

Harun-Or-Rashid M, et al. (2020) MCT2 overexpression rescues metabolic vulnerability and protects retinal ganglion cells in two models of glaucoma. *Neurobiology of disease*, 141, 104944.

Kharouf Q, et al. (2020) The hyperpolarization-activated cyclic nucleotide-gated 4 channel as a potential anti-seizure drug target. *British journal of pharmacology*, 177(16), 3712.

Ru?? L, et al. (2019) Reducing EphA4 before disease onset does not affect survival in a mouse model of Amyotrophic Lateral Sclerosis. *Scientific reports*, 9(1), 14112.

Bento-Abreu A, et al. (2018) Elongator subunit 3 (ELP3) modifies ALS through tRNA modification. *Human molecular genetics*, 27(7), 1276.

Taylor AM, et al. (2018) Simultaneous Ablation of Neuronal Neurofascin and Ankyrin G in Young and Adult Mice Reveals Age-Dependent Increase in Nodal Stability in Myelinated Axons and Differential Effects on the Lifespan. *eNeuro*, 5(3).

Fonseca MI, et al. (2017) Cell-specific deletion of C1qa identifies microglia as the dominant source of C1q in mouse brain. *Journal of neuroinflammation*, 14(1), 48.

Lu Q, et al. (2017) Immunohistochemical Procedures for Characterizing the Retinal Expression Patterns of Cre Driver Mouse Lines. *Methods in molecular biology* (Clifton, N.J.), 1642, 181.

Saifetiarova J, et al. (2017) Early and Late Loss of the Cytoskeletal Scaffolding Protein, Ankyrin G Reveals Its Role in Maturation and Maintenance of Nodes of Ranvier in Myelinated Axons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(10), 2524.