

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

STOCK Th^{tm1.1(cre/ERT2)}Ddg/J

RRID:IMSR_JAX:025614

Type: Organism

Proper Citation

RRID:IMSR_JAX:025614

Organism Information

URL: <https://www.jax.org/strain/025614>

Proper Citation: RRID:IMSR_JAX:025614

Description: Mus musculus with name STOCK Th^{tm1.1(cre/ERT2)}Ddg/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: tyrosine hydroxylase|Cre recombinase and estrogen receptor 1 (human) fusion gene; mutant stock: Th|cre/ERT2

Affected Gene: tyrosine hydroxylase|Cre recombinase and estrogen receptor 1 (human) fusion gene

Genomic Alteration: targeted mutation 1.1; David Ginty

Catalog Number: JAX:025614

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Th^{tm1.1(cre/ERT2)}Ddg/J

Record Creation Time: 20250513T053754+0000

Record Last Update: 20260725T044501+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Th^{tm1.1(cre/ERT2)}Ddg/J.

No alerts have been found for STOCK Th^{tm1.1}(cre/ERT2)^{Ddg/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Upadhyay A, et al. (2025) The dorsal column nuclei scale mechanical sensitivity in naive and neuropathic pain states. *Cell reports*, 44(4), 115556.

Cooper AH, et al. (2024) Peripheral nerve injury results in a biased loss of sensory neuron subpopulations. *Pain*, 165(12), 2863.

Ren W, et al. (2024) Sympathetic nerve-enteroendocrine L cell communication modulates GLP-1 release, brain glucose utilization, and cognitive function. *Neuron*, 112(6), 972.

Gradwell MA, et al. (2024) Multimodal sensory control of motor performance by glycinergic interneurons of the mouse spinal cord deep dorsal horn. *Neuron*.

Pomrenze MB, et al. (2024) 5-HT_{2C} receptors in the nucleus accumbens constrain the rewarding effects of MDMA. *bioRxiv : the preprint server for biology*.

Qi L, et al. (2024) A mouse DRG genetic toolkit reveals morphological and physiological diversity of somatosensory neuron subtypes. *Cell*, 187(6), 1508.

Qi L, et al. (2023) A DRG genetic toolkit reveals molecular, morphological, and functional diversity of somatosensory neuron subtypes. *bioRxiv : the preprint server for biology*.

Wolfson RL, et al. (2023) DRG afferents that mediate physiologic and pathologic mechanosensation from the distal colon. *Cell*, 186(16), 3368.

Meng X, et al. (2022) Eosinophils regulate intra-adipose axonal plasticity. *Proceedings of the National Academy of Sciences of the United States of America*, 119(3).

Xie Z, et al. (2022) A brain-to-spinal sensorimotor loop for repetitive self-grooming. *Neuron*, 110(5), 874.

Zhang Q, et al. (2019) Multiplexed peroxidase-based electron microscopy labeling enables simultaneous visualization of multiple cell types. *Nature neuroscience*, 22(5), 828.

Zimmerman AL, et al. (2019) Distinct Modes of Presynaptic Inhibition of Cutaneous Afferents and Their Functions in Behavior. *Neuron*, 102(2), 420.

Vasamsetti SB, et al. (2018) Sympathetic Neuronal Activation Triggers Myeloid Progenitor Proliferation and Differentiation. *Immunity*, 49(1), 93.