

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

STOCK Ntrk3^{tm3.1}(cre/ERT2)Ddg/J

RRID:IMSR_JAX:030291

Type: Organism

Proper Citation

RRID:IMSR_JAX:030291

Organism Information

URL: <https://www.jax.org/strain/030291>

Proper Citation: RRID:IMSR_JAX:030291

Description: Mus musculus with name STOCK Ntrk3^{tm3.1}(cre/ERT2)Ddg/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|neurotrophic tyrosine kinase; receptor; type 3; mutant stock: cre/ERT2|Ntrk3

Affected Gene: Cre recombinase and estrogen receptor 1 (human) fusion gene|neurotrophic tyrosine kinase; receptor; type 3

Genomic Alteration: targeted mutation 3.1; David D Ginty

Catalog Number: JAX:030291

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Ntrk3^{tm3.1}(cre/ERT2)Ddg/J

Record Creation Time: 20250513T053814+0000

Record Last Update: 20260829T045119+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Ntrk3^{tm3.1}(cre/ERT2)Ddg/J.

No alerts have been found for STOCK Ntrk3^{tm3.1(cre/ERT2)Ddg/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Tumanov AV, et al. (2026) Lymphotoxin-beta receptor controls the development of chronic pain. Cell reports, 45(4), 117269.

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

Zhang L, et al. (2024) Trigeminal innervation and tactile responses in mouse tongue. Cell reports, 43(9), 114665.

Moayed Y, et al. (2023) The cellular basis of mechanosensation in mammalian tongue. Cell reports, 42(2), 112087.

Handler A, et al. (2023) Three-dimensional reconstructions of mechanosensory end organs suggest a unifying mechanism underlying dynamic, light touch. Neuron, 111(20), 3211.