Resource Summary Report

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

STOCK Ndnftm1.1(cre)Rudy/J

RRID:IMSR_JAX:030757 Type: Organism

Proper Citation

RRID:IMSR_JAX:030757

Organism Information

URL: https://www.jax.org/strain/030757

Proper Citation: RRID:IMSR_JAX:030757

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

Species: Mus musculus

Synonyms: B6.Cg-Ndnf/J

Notes: gene symbol note: neuron-derived neurotrophic factor; mutant stock: Ndnf

Affected Gene: neuron-derived neurotrophic factor

Genomic Alteration: targeted mutation 1.1; Bernardo Rudy

Catalog Number: JAX:030757

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:30757

Organism Name: STOCK Ndnftm1.1(cre)Rudy/J

Record Creation Time: 20230509T193332+0000

Record Last Update: 20250412T090813+0000

Ratings and Alerts

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

No alerts have been found for STOCK Ndnf^{tm1.1(cre)Rudy}/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.

Choi J, et al. (2024) ARNT2 controls prefrontal somatostatin interneurons mediating affective empathy. Cell reports, 43(9), 114659.

Jiang YQ, et al. (2024) Hypothalamic regulation of hippocampal CA1 interneurons by the supramammillary nucleus. Cell reports, 43(11), 114898.

Liebergall SR, et al. (2024) Ndnf Interneuron Excitability Is Spared in a Mouse Model of Dravet Syndrome. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(17).

Bai Y, et al. (2023) Anti-Hebbian plasticity in the motor cortex promotes defensive freezing. Current biology : CB, 33(16), 3465.

Li B, et al. (2023) Circuit mechanism for suppression of frontal cortical ignition during NREM sleep. Cell, 186(26), 5739.