

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

STOCK Ndnf^{tm1.1}(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: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Ndnf^{tm1.1}(cre)Rudy/J

Record Creation Time: 20250513T053817+0000

Record Last Update: 20260801T050529+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: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Zhao Z, et al. (2025) A parallel tonotopically arranged thalamocortical circuit for sound processing. *Neuron*, 113(12), 1998.

Shen C, et al. (2025) Heterogeneity of Layer 1 Interneurons in the Mouse Medial Prefrontal Cortex. *The Journal of comparative neurology*, 533(3), e70030.

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.