Resource Summary Report

Generated by NIF on Sep 2, 2026

STOCK Egr2$^{tm2(cre)Pch}$/J

RRID:IMSR_JAX:025744
Type: Organism

Proper Citation

RRID:IMSR_JAX:025744

Organism Information

URL: https://www.jax.org/strain/025744

Proper Citation: RRID:IMSR_JAX:025744

Description: Mus musculus with name STOCK Egr2$^{tm2(cre)Pch}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |early growth response 2; mutant stock: |Egr2

Affected Gene: |early growth response 2

Genomic Alteration: targeted mutation 2; Patrick Charnay

Catalog Number: JAX:025744

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Egr2$^{tm2(cre)Pch}$/J

Record Creation Time: 20250513T053755+0000

Record Last Update: 20260829T045106+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Egr2$^{tm2(cre)Pch}$/J.

No alerts have been found for STOCK Egr2$^{tm2(cre)Pch}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Fenstermacher SJ, et al. (2026) Potentiation of active locomotor state by spinal-projecting serotonergic neurons. Neuron, 114(6), 1117.

Midorikawa M, et al. (2024) Developmental refinement of the active zone nanotopography and axon wiring at the somatosensory thalamus. Cell reports, 43(10), 114770.

Daboussi L, et al. (2023) Mitf is a Schwann cell sensor of axonal integrity that drives nerve repair. Cell reports, 42(11), 113282.

Ta??b S, et al. (2022) Myelinating Schwann cells and Netrin-1 control intra-nervous vascularization of the developing mouse sciatic nerve. eLife, 11.

Marechal E, et al. (2022) Multiple congenital malformations arise from somatic mosaicism for constitutively active Pik3ca signaling. Frontiers in cell and developmental biology, 10, 1013001.

Wei XP, et al. (2022) A novel reticular node in the brainstem synchronizes neonatal mouse crying with breathing. Neuron, 110(4), 644.

Mukherjee D, et al. (2021) Egr2 induction in spiny projection neurons of the ventrolateral striatum contributes to cocaine place preference in mice. eLife, 10.

Ueta Y, et al. (2021) Brainstem local microglia induce whisker map plasticity in the thalamus after peripheral nerve injury. Cell reports, 34(10), 108823.

Ueta Y, et al. (2021) Electrophysiological and anatomical characterization of synaptic remodeling in the mouse whisker thalamus. STAR protocols, 2(3), 100743.

Nagumo Y, et al. (2020) Tonic GABAergic Inhibition Is Essential for Nerve Injury-Induced Afferent Remodeling in the Somatosensory Thalamus and Ectopic Sensations. Cell reports, 31(12), 107797.

Terem A, et al. (2020) Claustral Neurons Projecting to Frontal Cortex Mediate Contextual Association of Reward. Current biology : CB, 30(18), 3522.

Takeuchi Y, et al. (2017) Afferent Fiber Remodeling in the Somatosensory Thalamus of Mice as a Neural Basis of Somatotopic Reorganization in the Brain and Ectopic Mechanical Hypersensitivity after Peripheral Sensory Nerve Injury. eNeuro, 4(2).