Resource Summary Report

Generated by RRID on Aug 1, 2026

B6.Cg-Foxp2$^{tm1.1(cre)Rpa}$/J

RRID:IMSR_JAX:030541
Type: Organism

Proper Citation

RRID:IMSR_JAX:030541

Organism Information

URL: https://www.jax.org/strain/030541

Proper Citation: RRID:IMSR_JAX:030541

Description: Mus musculus with name B6.Cg-Foxp2$^{tm1.1(cre)Rpa}$/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Foxp2/J

Notes: gene symbol note: Green Fluorescent Protein/Cre recombinase fusion protein|forkhead box P2; mutant strain|congenic strain: GFP/cre|Foxp2

Affected Gene: Green Fluorescent Protein/Cre recombinase fusion protein|forkhead box P2

Genomic Alteration: targeted mutation 1.1; Richard D Palmiter

Catalog Number: JAX:030541

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Foxp2$^{tm1.1(cre)Rpa}$/J

Record Creation Time: 20250513T053816+0000

Record Last Update: 20260801T050528+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Foxp2$^{tm1.1(cre)Rpa}$/J.

No alerts have been found for B6.Cg-Foxp2$^{tm1.1(cre)Rpa}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Biró L, et al. (2025) Convergence and Segregation of Excitatory and Inhibitory Afferents in the Paraventricular Thalamic Nucleus. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(43).

Ma MF, et al. (2025) Whole Brain Monosynaptic Input of Distinct Neurons in the Globus Pallidus Externa. CNS neuroscience & therapeutics, 31(6), e70459.

Koene LMC, et al. (2025) Cellular and synaptic properties of molecularly defined neurons in the external globus pallidus. iScience, 28(8), 113002.

Mendelsohn AI, et al. (2025) Segregated basal ganglia output pathways correspond to genetically divergent neuronal subclasses. Cell reports, 44(4), 115454.

Grady FS, et al. (2025) Parabrachial Foxp2-expressing neurons are necessary for sustaining core body temperature in the cold. iScience, 28(8), 112764.

Kaur S, et al. (2024) Lateral parabrachial FoxP2 neurons regulate respiratory responses to hypercapnia. Nature communications, 15(1), 4475.

Wang Q, et al. (2023) Regional and cell-type-specific afferent and efferent projections of the mouse claustrum. Cell reports, 42(2), 112118.

Issa LK, et al. (2023) Highly branched and complementary distributions of layer 5 and layer 6 auditory corticofugal axons in mouse. Cerebral cortex (New York, N.Y. : 1991), 33(16), 9566.

Ren X, et al. (2023) Identification of an essential spinoparabrachial pathway for mechanical itch. Neuron, 111(11), 1812.

Kaur S, et al. (2023) Lateral parabrachial FoxP2 neurons regulate respiratory responses to hypercapnia. Research square.

Reggiani JDS, et al. (2023) Brainstem serotonin neurons selectively gate retinal information flow to thalamus. Neuron, 111(5), 711.

Babiczky Á, et al. (2022) Molecular characteristics and laminar distribution of prefrontal neurons projecting to the mesolimbic system. eLife, 11.

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

Aksoy-Aksel A, et al. (2021) Midbrain dopaminergic inputs gate amygdala intercalated cell clusters by distinct and cooperative mechanisms in male mice. eLife, 10.

Aristieta A, et al. (2021) A Disynaptic Circuit in the Globus Pallidus Controls Locomotion Inhibition. Current biology : CB, 31(4), 707.

Ketzef M, et al. (2021) Differential Synaptic Input to External Globus Pallidus Neuronal Subpopulations In Vivo. Neuron, 109(3), 516.

Cui Q, et al. (2021) Dissociable Roles of Pallidal Neuron Subtypes in Regulating Motor Patterns. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(18), 4036.

Abecassis ZA, et al. (2020) Npas1+-Nkx2.1+ Neurons Are an Integral Part of the Cortico-pallido-cortical Loop. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(4), 743.

Abrahao KP, et al. (2018) Classification of GABAergic neuron subtypes from the globus pallidus using wild-type and transgenic mice. The Journal of physiology, 596(17), 4219.