Resource Summary Report

Generated by RRID on Jul 29, 2026

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

RRID:IMSR_JAX:033168
Type: Organism

Proper Citation

RRID:IMSR_JAX:033168

Organism Information

URL: https://www.jax.org/strain/033168

Proper Citation: RRID:IMSR_JAX:033168

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

Species: Mus musculus

Notes: gene symbol note: calcitonin/calcitonin-related polypeptide; alpha; mutant strain|congenic strain: Calca

Affected Gene: calcitonin/calcitonin-related polypeptide; alpha

Genomic Alteration: targeted mutation 1.1; Richard D Palmiter

Catalog Number: JAX:033168

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

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

Record Creation Time: 20250513T053833+0000

Record Last Update: 20260725T044531+0000

Ratings and Alerts

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

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

Pyeon GH, et al. (2025) Parabrachial CGRP neurons modulate active defensive behavior under a naturalistic threat. eLife, 14.

Condon LF, et al. (2024) Parabrachial Calca neurons drive nociplasticity. Cell reports, 43(4), 114057.

Moe AAK, et al. (2024) Investigation of vagal sensory neurons in mice using optical vagal stimulation and tracheal neuroanatomy. iScience, 27(3), 109182.

Yang D, et al. (2022) Nociceptor neurons direct goblet cells via a CGRP-RAMP1 axis to drive mucus production and gut barrier protection. Cell, 185(22), 4190.

Huang D, et al. (2021) Efferent projections of CGRP/Calca-expressing parabrachial neurons in mice. The Journal of comparative neurology, 529(11), 2911.