

Resource Summary Report

Generated by [dkNET](#) on Sep 23, 2026

B6.129P2(Cg)-Calca^{tm1.1(EGFP/HBEGF)Mjz/Mmnc}

RRID:MMRRC_036773-UNC

Type: Organism

Proper Citation

RRID:MMRRC_036773-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36773

Proper Citation: RRID:MMRRC_036773-UNC

Description: Mus musculus with name B6.129P2(Cg)-Calca^{tm1.1(EGFP/HBEGF)Mjz/Mmnc} from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Dermatology, Developmental Biology, Hematology, Immunology and Inflammation, Internal/Organ, Metabolism, Neurobiology, Research Tools, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: no abnormal phenotype detected [MP:0002169]

Affected Gene: Calca

Catalog Number: 036773-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:22563493](#)

Alternate IDs: MMRRC_36773-UNC, MMRRC_036773, MMRRC_36773

Organism Name: B6.129P2(Cg)-Calca^{tm1.1(EGFP/HBEGF)Mjz/Mmnc}

Record Creation Time: 20230308T055147+0000

Record Last Update: 20260919T133932+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(Cg)-*Calca^{tm1.1(EGFP/HBEGF)Mjz/Mmnc}*.

No alerts have been found for B6.129P2(Cg)-*Calca^{tm1.1(EGFP/HBEGF)Mjz/Mmnc}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Park SH, et al. (2024) Crosstalk between bone metastatic cancer cells and sensory nerves in bone metastatic progression. Life science alliance, 7(12).

Ryu S, et al. (2024) Regulatory T cells require peripheral CCL2-CCR2 signaling to facilitate the resolution of medication overuse headache-related behavioral sensitization. The journal of headache and pain, 25(1), 197.

Xia H, et al. (2024) Sensory innervation in the prostate and a role for calcitonin gene-related peptide in prostatic epithelial proliferation. Frontiers in molecular neuroscience, 17, 1497735.

Kulalert W, et al. (2023) The neuroimmune CGRP-RAMP1 axis tunes cutaneous adaptive immunity to the microbiota. bioRxiv : the preprint server for biology.

Xu J, et al. (2022) Excess neuropeptides in lung signal through endothelial cells to impair gas exchange. Developmental cell, 57(7), 839.

Dalmaso C, et al. (2021) Epididymal Fat-Derived Sympathoexcitatory Signals Exacerbate Neurogenic Hypertension in Obese Male Mice Exposed to Early Life Stress. Hypertension (Dallas, Tex. : 1979), 78(5), 1434.

Guo Z, et al. (2021) Increase in trigeminal ganglion neurons that respond to both calcitonin gene-related peptide and pituitary adenylate cyclase-activating polypeptide in mouse models of chronic migraine and posttraumatic headache. Pain, 162(5), 1483.

Zajdel J, et al. (2021) Calcitonin gene related peptide ? is dispensable for many danger-related motivational responses. Scientific reports, 11(1), 16204.

Nagashima H, et al. (2019) Neuropeptide CGRP Limits Group 2 Innate Lymphoid Cell Responses and Constrains Type 2 Inflammation. Immunity, 51(4), 682.

Wu JS, et al. (2018) Opposing expression gradients of calcitonin-related polypeptide alpha (Calca/Cgrp?) and tyrosine hydroxylase (Th) in type II afferent neurons of the mouse cochlea. *The Journal of comparative neurology*, 526(3), 425.

Wilhelms DB, et al. (2018) CGRP Is Critical for Hot Flushes in Ovariectomized Mice. *Frontiers in pharmacology*, 9, 1452.