

Resource Summary Report

Generated by [NIF](#) on Sep 10, 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: 20260905T110924+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 [NIF](#).

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.

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

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.