

Resource Summary Report

Generated by T1D on Sep 21, 2026

B6.Cg-Vipr2^{em1.1}(cre)Hze/J

RRID:IMSR_JAX:031332

Type: Organism

Proper Citation

RRID:IMSR_JAX:031332

Organism Information

URL: <https://www.jax.org/strain/031332>

Proper Citation: RRID:IMSR_JAX:031332

Description: Mus musculus with name B6.Cg-Vipr2^{em1.1}(cre)Hze/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |vasoactive intestinal peptide receptor 2; mutant strain|congenic strain: |Vipr2

Affected Gene: |vasoactive intestinal peptide receptor 2

Genomic Alteration: endonuclease-mediated mutation 1.1; Hongkui Zeng

Catalog Number: JAX:031332

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Vipr2^{em1.1}(cre)Hze/J

Record Creation Time: 20250513T053821+0000

Record Last Update: 20260919T055005+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Vipr2^{em1.1}(cre)Hze/J.

No alerts have been found for B6.Cg-Vipr2^{em1.1}(cre)Hze/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Dwivedi D, et al. (2024) Metabotropic signaling within somatostatin interneurons controls transient thalamocortical inputs during development. *Nature communications*, 15(1), 5421.

Seignette K, et al. (2024) Experience shapes chandelier cell function and structure in the visual cortex. *eLife*, 12.

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

Coverdell TC, et al. (2022) Genetic encoding of an esophageal motor circuit. *Cell reports*, 39(11), 110962.

Angueira AR, et al. (2021) Defining the lineage of thermogenic perivascular adipose tissue. *Nature metabolism*, 3(4), 469.

Ibrahim LA, et al. (2021) Bottom-up inputs are required for establishment of top-down connectivity onto cortical layer 1 neurogliaform cells. *Neuron*, 109(21), 3473.

Graybuck LT, et al. (2021) Enhancer viruses for combinatorial cell-subclass-specific labeling. *Neuron*, 109(9), 1449.

Schneider-Mizell CM, et al. (2021) Structure and function of axo-axonic inhibition. *eLife*, 10.

Yao Z, et al. (2021) A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. *Cell*, 184(12), 3222.

Gouwens NW, et al. (2020) Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. *Cell*, 183(4), 935.

Daigle TL, et al. (2018) A Suite of Transgenic Driver and Reporter Mouse Lines with Enhanced Brain-Cell-Type Targeting and Functionality. *Cell*, 174(2), 465.