

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

pBS185 CMV-Cre

RRID:Addgene_11916

Type: Plasmid

Proper Citation

RRID:Addgene_11916

Plasmid Information

URL: <http://www.addgene.org/11916>

Proper Citation: RRID:Addgene_11916

Insert Name: cre

Organism: bacteriophage P1

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:2288914](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:na; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: pBS185 carries the wt cre gene under the control of the major immediate early promoter and enhancer of human cytomegalovirus (hCMV). This is a strong promoter that gives fairly generalized expression. However, it is not a strong promoter in embryonic stem (ES) cells. The construct also carries the mouse metallothionein MT-I region including the polyadenylation site and several introns. For higher level expression in general and for better expression in ES cells plasmid pBS513 is superior. The sequence shown includes cre and the metallothionein region.

Plasmid Name: pBS185 CMV-Cre

Record Creation Time: 20220422T221624+0000

Record Last Update: 20260912T091631+0000

Ratings and Alerts

No rating or validation information has been found for pBS185 CMV-Cre.

No alerts have been found for pBS185 CMV-Cre.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Tohmi M, et al. (2026) Transcranial Calcium Macro-Imaging From the Auditory Cortex of Thy1-Cre-Driven GCaMP8 Transgenic Rats. *Neuropsychopharmacology reports*, 46(2), e70113.

Lin J, et al. (2026) AAVLINK: A potent DNA-recombination method for large cargo delivery in gene therapy. *Cell*, 189(3), 969.

Boucher JD, et al. (2026) Distinguishing Pseudotransduction and True Transduction Enables Characterization and Bioengineering of Extracellular Vesicle-Adeno-Associated Virus Vectors. *Journal of extracellular vesicles*, 15(4), e70258.

Boucher JD, et al. (2025) Distinguishing Protein and Gene Delivery Enables Characterization and Bioengineering of Extracellular Vesicle-Adeno-Associated Virus Vectors. *bioRxiv : the preprint server for biology*.

Claeboe ET, et al. (2025) Proximity interactome mapping furthers a role for spinophilin in protein homeostasis. *iScience*, 28(11), 113735.

Shepherdson JL, et al. (2024) Mutational scanning of CRX classifies clinical variants and reveals biochemical properties of the transcriptional effector domain. *bioRxiv : the preprint server for biology*.

Shimoya K, et al. (2024) Mice carrying the full-length human immunoglobulin loci produce antigen-specific human antibodies with the lambda light chain. *iScience*, 27(12), 111258.

Fini MA, et al. (2023) Macrophage Xanthine Oxidoreductase Links LPS Induced Lung Inflammatory Injury to NLRP3 Inflammasome Expression and Mitochondrial Respiration. *bioRxiv : the preprint server for biology*.

Coppiello G, et al. (2023) Generation of heart and vascular system in rodents by blastocyst complementation. *Developmental cell*, 58(24), 2881.

Zhang K, et al. (2023) Primary cilia are WNT-transducing organelles whose biogenesis is controlled by a WNT-PP1 axis. *Developmental cell*, 58(2), 139.

Uno N, et al. (2022) Panel of human cell lines with human/mouse artificial chromosomes. *Scientific reports*, 12(1), 3009.

Hong CKY, et al. (2022) Genomic environments scale the activities of diverse core promoters. *Genome research*, 32(1), 85.

Abizanda G, et al. (2021) Local Preirradiation of Infarcted Cardiac Tissue Substantially Enhances Cell Engraftment. *International journal of molecular sciences*, 22(17).

Joshi LR, et al. (2021) Protective Efficacy of an Orf Virus-Vector Encoding the Hemagglutinin and the Nucleoprotein of Influenza A Virus in Swine. *Frontiers in immunology*, 12, 747574.

Villette V, et al. (2019) Ultrafast Two-Photon Imaging of a High-Gain Voltage Indicator in Awake Behaving Mice. *Cell*, 179(7), 1590.

Agerholm M, et al. (2018) Perturbations of NAD⁺ salvage systems impact mitochondrial function and energy homeostasis in mouse myoblasts and intact skeletal muscle. *American journal of physiology. Endocrinology and metabolism*, 314(4), E377.

Dong M, et al. (2018) Efficacy of MEK inhibition in a K-Ras-driven cholangiocarcinoma preclinical model. *Cell death & disease*, 9(2), 31.

Ade CM, et al. (2018) Evaluating different DNA binding domains to modulate L1 ORF2p-driven site-specific retrotransposition events in human cells. *Gene*, 642, 188.

Somarelli JA, et al. (2016) Distinct routes to metastasis: plasticity-dependent and plasticity-independent pathways. *Oncogene*, 35(33), 4302.

Yim N, et al. (2016) Exosome engineering for efficient intracellular delivery of soluble proteins using optically reversible protein-protein interaction module. *Nature communications*, 7, 12277.