

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pCMV-Bx

RRID:Addgene_51552

Type: Plasmid

Proper Citation

RRID:Addgene_51552

Plasmid Information

URL: <http://www.addgene.org/51552>

Proper Citation: RRID:Addgene_51552

Insert Name: Bxb1 integrase

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24304893](#)

Vector Backbone Description: Vector Backbone:pCMVSPORTbetaGal; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-Bx

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260808T081804+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-Bx.

No alerts have been found for pCMV-Bx.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Wang L, et al. (2026) A regenerative and programmable iPSC-derived platelet platform for universal drug delivery and immunotherapy. Trends in biotechnology.

Darieva Z, et al. (2025) Ubiquitous MEIS transcription factors actuate lineage-specific transcription to establish cell fate. The EMBO journal, 44(8), 2232.

Adibzadeh S, et al. (2024) CHO cell engineering via targeted integration of circular miR-21 decoy using CRISPR/RMCE hybrid system. Applied microbiology and biotechnology, 108(1), 434.

Ghanbari S, et al. (2023) Targeted integration in CHO cells using CRIS-PITCh/Bxb1 recombinase-mediated cassette exchange hybrid system. Applied microbiology and biotechnology, 107(2-3), 769.