

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 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:** 20260815T081615+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.