

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[pBXC3H](#)

RRID:Addgene_47068

Type: Plasmid

Proper Citation

RRID:Addgene_47068

Plasmid Information

URL: <http://www.addgene.org/47068>

Proper Citation: RRID:Addgene_47068

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:21410291](#)

Vector Backbone Description: Backbone Marker:LM Guzman; Backbone Size:5780; Vector Backbone:pBAD24; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Plasmid Name: pBXC3H

Record Creation Time: 20220422T222242+0000

Record Last Update: 20260725T074738+0000

Ratings and Alerts

No rating or validation information has been found for pBXC3H.

No alerts have been found for pBXC3H.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Gonda I, et al. (2025) The mycobacterial ABC transporter IrtAB employs a membrane-facing crevice for siderophore-mediated iron uptake. *Nature communications*, 16(1), 1133.

Earp JC, et al. (2025) Structural basis of siderophore export and drug efflux by *Mycobacterium tuberculosis*. *Nature communications*, 16(1), 1934.

Silberberg JM, et al. (2022) Inhibited KdpFABC transitions into an E1 off-cycle state. *eLife*, 11.

Brunner JD, et al. (2020) Structural basis for ion selectivity in TMEM175 K⁺ channels. *eLife*, 9.

Manatschal C, et al. (2019) Mechanistic basis of the inhibition of SLC11/NRAMP-mediated metal ion transport by bis-isothiourea substituted compounds. *eLife*, 8.