

Resource Summary Report

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

[pBXC3GH](#)

RRID:Addgene_47070

Type: Plasmid

Proper Citation

RRID:Addgene_47070

Plasmid Information

URL: <http://www.addgene.org/47070>

Proper Citation: RRID:Addgene_47070

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:21410291](#)

Vector Backbone Description: Backbone Marker:LM Guzman; Backbone Size:6556;
Vector Backbone:pBAD24; Vector Types:Bacterial Expression; Bacterial
Resistance:Chloramphenicol and Ampicillin

Comments: Folding indicator GFP

Plasmid Name: pBXC3GH

Record Creation Time: 20220422T222242+0000

Record Last Update: 20260725T074738+0000

Ratings and Alerts

No rating or validation information has been found for pBXC3GH.

No alerts have been found for pBXC3GH.

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.

Arnold FM, et al. (2020) The ABC exporter IrtAB imports and reduces mycobacterial siderophores. Nature, 580(7803), 413.

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

Heilers JH, et al. (2019) DNA processing by the MOBH family relaxase TraI encoded within the gonococcal genetic island. Nucleic acids research, 47(15), 8136.