# Resource Summary Report

Generated by SPARC SAWG on Aug 28, 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:** 20260815T081537+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 SPARC SAWG .

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.

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.

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