

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pBAD-Ag43

RRID:Addgene_107743

Type: Plasmid

Proper Citation

RRID:Addgene_107743

Plasmid Information

URL: <http://www.addgene.org/107743>

Proper Citation: RRID:Addgene_107743

Insert Name: Ag43

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29555779](#)

Vector Backbone Description: Backbone Marker:iGEM BioBricks; Backbone Size:4549; Vector Backbone:BBa_I0500-pSB4A3; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Ag43 contains a G981S variant compared to the NCBI reference (WP_000820410.1); plasmid functions as described in the associated publication.

Plasmid Name: pBAD-Ag43

Relevant Mutation: removed all pstI cut sites with silent mutations, added RBS and terminator

Record Creation Time: 20220422T221522+0000

Record Last Update: 20260808T080401+0000

Ratings and Alerts

No rating or validation information has been found for pBAD-Ag43.

No alerts have been found for pBAD-Ag43.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Yaman YI, et al. (2019) Emergence of active nematics in chaining bacterial biofilms. Nature communications, 10(1), 2285.