

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 3, 2026

pTD103-ARG1

RRID:Addgene_106475

Type: Plasmid

Proper Citation

RRID:Addgene_106475

Plasmid Information

URL: <http://www.addgene.org/106475>

Proper Citation: RRID:Addgene_106475

Insert Name: ARG1

Organism: Anabaena flos-aquae and Bacillus megaterium

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29300010](#)

Vector Backbone Description: Backbone Marker:Gift from Jeff Hasty; Backbone Size:7293; Vector Backbone:pTD103; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: Please note that some discrepancies were found between Addgene's quality control sequence and the depositor's sequence. The depositor noted that these discrepancies do NOT affect plasmid function.

Plasmid Name: pTD103-ARG1

Record Creation Time: 20220422T221517+0000

Record Last Update: 20260902T041053+0000

Ratings and Alerts

No rating or validation information has been found for pTD103-ARG1.

No alerts have been found for pTD103-ARG1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Yang Y, et al. (2024) Ultrasound-visible engineered bacteria for tumor chemo-immunotherapy. Cell reports. Medicine, 5(5), 101512.

Zhang L, et al. (2022) Bimodal Imaging of Tumors via Genetically Engineered Escherichia coli. Pharmaceutics, 14(9).