

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 4, 2026

pKAR2-Br512

RRID:Addgene_161875

Type: Plasmid

Proper Citation

RRID:Addgene_161875

Plasmid Information

URL: <http://www.addgene.org/161875>

Proper Citation: RRID:Addgene_161875

Insert Name: Modified DNA Polymerase I Large Fragment (Br512)

Organism: Geobacillus stearothermophilus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:In-house made; Backbone Size:5187; Vector Backbone:pKAR2; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.medrxiv.org/content/10.1101/2020.10.02.20203356v1> for medRxiv preprint.

Plasmid Name: pKAR2-Br512

Record Creation Time: 20220422T221916+0000

Record Last Update: 20260902T042604+0000

Ratings and Alerts

No rating or validation information has been found for pKAR2-Br512.

No alerts have been found for pKAR2-Br512.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Paik I, et al. (2023) Improved Bst DNA Polymerase Variants Derived via a Machine Learning Approach. Biochemistry, 62(2), 410.

Nguyen LT, et al. (2022) Clinical validation of engineered CRISPR/Cas12a for rapid SARS-CoV-2 detection. Communications medicine, 2, 7.

Paik I, et al. (2022) Charge Engineering Improves the Performance of Bst DNA Polymerase Fusions. ACS synthetic biology, 11(4), 1488.