

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pJet1.2 kanR cassette

RRID:Addgene_117122

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/117122>

Proper Citation: RRID:Addgene_117122

Insert Name: Kanamycin resistance cassette for Bacillus subtilis selection

Organism: Bacillus subtilis

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31147909](#)

Vector Backbone Description: Backbone Marker:Thermo scientific; Backbone Size:2974; Vector Backbone:pJet1.2; Vector Types:Golden gate donor vector for gene targeting in Bacillus subtilis; Bacterial Resistance:Ampicillin

Comments: Donor vector that encodes for a Kanamycin selection marker for Golden gate assembly reactions. Overhangs generated upon BsaI cleavage : AATA (Rup) and TCTA (Rdo). (Gruber lab reference pSG723)

Plasmid Name: pJet1.2 kanR cassette

Record Creation Time: 20220422T221613+0000

Record Last Update: 20260815T080251+0000

Ratings and Alerts

No rating or validation information has been found for pJet1.2 kanR cassette.

No alerts have been found for pJet1.2 kanR cassette.

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 [RRID](#) .

Oh JJ, et al. (2025) Bacterially grown living materials with resistant and on-demand functionality. Science advances, 11(41), eadw8278.