

Resource Summary Report

Generated by [kravitz2](#) on Aug 10, 2026

pHelper_NoMutL_V2_gentR

RRID:Addgene_205293

Type: Plasmid

Proper Citation

RRID:Addgene_205293

Plasmid Information

URL: <http://www.addgene.org/205293>

Proper Citation: RRID:Addgene_205293

Insert Name: CspRecT / Bxb-1

Organism: Synthetic

Bacterial Resistance: Gentamicin

Vector Backbone Description: Vector Backbone:pKM461; Vector Types:Synthetic Biology; Bacterial Resistance:Gentamicin

Comments: Replicating ORBIT V2 helper plasmid w/ inducible oligo recombineering module (m-tol) and bxb-1 integrase (arabinose). SacB is present for counterselection and gentamicin is the resistance marker. V2 plasmid does not have mutL, which lowers background mutation rate. Please visit <https://doi.org/10.1101/2023.06.28.546561> for bioRxiv preprint.

Plasmid Name: pHelper_NoMutL_V2_gentR

Record Creation Time: 20231013T080444+0000

Record Last Update: 20260808T082909+0000

Ratings and Alerts

No rating or validation information has been found for pHelper_NoMutL_V2_gentR.

No alerts have been found for pHelper_NoMutL_V2_gentR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.