

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pRW004-SM-destination-proUBQ10-Cas9

RRID:Addgene_104438

Type: Plasmid

Proper Citation

RRID:Addgene_104438

Plasmid Information

URL: <http://www.addgene.org/104438>

Proper Citation: RRID:Addgene_104438

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:30083222](#)

Vector Backbone Description: Backbone Marker:Lampropoulos et al; Backbone Size:4114; Vector Backbone:pZ001; Vector Types:Bacterial Expression, Plant Expression, CRISPR; Bacterial Resistance:Spectinomycin

Comments: There are two additional BsaI cloning sites in the Cas9 sequences, but they should not affect the cloning process, since GoldenGate cloning can assemble four or more fragments into a backbone. The additional BsaI sites create four overhangs that are very different from the overhangs for integrating the sgRNAs, and there should be no major issues with fragment assembly or cloning efficiency.

Plasmid Name: pRW004-SM-destination-proUBQ10-Cas9

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260725T073407+0000

Ratings and Alerts

No rating or validation information has been found for pRW004-SM-destination-proUBQ10-Cas9.

No alerts have been found for pRW004-SM-destination-proUBQ10-Cas9.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.