

Resource Summary Report

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

pMK-Lux-C codon opt. Nt chloroplasts

RRID:Addgene_123563

Type: Plasmid

Proper Citation

RRID:Addgene_123563

Plasmid Information

URL: <http://www.addgene.org/123563>

Proper Citation: RRID:Addgene_123563

Insert Name: Lux-C codon optimized Nt chloroplasts

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30679266](#)

Vector Backbone Description: Vector Backbone:pMK-RQ; Vector Types:Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: All inserts have been produced by gene synthesis and cloned in the indicated backbone vector. This insert is a coding sequence designed for Golden-Gate cloning. The Original Material was developed in the performance of research that was funded by Grant Nos. ARPA-E: DE-AR000660 & DARPA: D17AC00016.

Plasmid Name: pMK-Lux-C codon opt. Nt chloroplasts

Record Creation Time: 20220422T221647+0000

Record Last Update: 20260725T073704+0000

Ratings and Alerts

No rating or validation information has been found for pMK-Lux-C codon opt. Nt chloroplasts.

No alerts have been found for pMK-Lux-C codon opt. Nt chloroplasts.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.