

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pK7WG2-mitoTAL2-orf125

RRID:Addgene_158737

Type: Plasmid

Proper Citation

RRID:Addgene_158737

Plasmid Information

URL: <http://www.addgene.org/158737>

Proper Citation: RRID:Addgene_158737

Insert Name: mitoTALEN left and right to target orf125 (orf138)

Organism: Synthetic

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:31285556](#)

Vector Backbone Description: Vector Backbone:pK7WG2; Vector Types:TALEN;
Bacterial Resistance:Spectinomycin

Comments: Tandem expression vector for right and left mitoTALENs to cut kosena-type CMS gene orf125 (also cut Ogura CMS gene orf138)

Plasmid Name: pK7WG2-mitoTAL2-orf125

Record Creation Time: 20220422T221859+0000

Record Last Update: 20260725T074102+0000

Ratings and Alerts

No rating or validation information has been found for pK7WG2-mitoTAL2-orf125.

No alerts have been found for pK7WG2-mitoTAL2-orf125.

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 [NIF](#) .

Kazama T, et al. (2023) A Method for Precisely Identifying Modifications to Plant Mitochondrial Genomes by mitoTALENs. Methods in molecular biology (Clifton, N.J.), 2615, 365.