

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

mTALEAD 16S rRNA-1131T10C

RRID:Addgene_210836

Type: Plasmid

Proper Citation

RRID:Addgene_210836

Plasmid Information

URL: <http://www.addgene.org/210836>

Proper Citation: RRID:Addgene_210836

Insert Name: For specific A-to-G base editing to introduce targeted A-to-G mutation in 16S rRNA in chloroplast

Organism: Synthetic

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:38128544](#)

Vector Backbone Description: Vector Backbone:pK7WG2; Vector Types:Plant Expression; Bacterial Resistance:Spectinomycin

Comments: Ti vector constructed by multisite Gateway Please note: Plasmid contains a K214N mutation and Leu insertion after G656 in the mTALEAD ORF which are not known to affect plasmid function.

Plasmid Name: mTALEAD 16S rRNA-1131T10C

Record Creation Time: 20240425T080527+0000

Record Last Update: 20260815T082928+0000

Ratings and Alerts

No rating or validation information has been found for mTALEAD 16S rRNA-1131T10C.

No alerts have been found for mTALEAD 16S rRNA-1131T10C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.