

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pMito-LSSmKate2-N1

RRID:Addgene_31879

Type: Plasmid

Proper Citation

RRID:Addgene_31879

Plasmid Information

URL: <http://www.addgene.org/31879>

Proper Citation: RRID:Addgene_31879

Insert Name: human cytochrome C oxidase subunit VIII

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20212155](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4646; Vector Backbone:N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pMito-LSSmKate2-N1

Relevant Mutation: K69Y/P131T/S148G/M167D/T183S/M196V compared to mKate but numbering is relative to EGFP.

Record Creation Time: 20220422T222138+0000

Record Last Update: 20260815T081340+0000

Ratings and Alerts

No rating or validation information has been found for pMito-LSSmKate2-N1.

No alerts have been found for pMito-LSSmKate2-N1.

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 [RRID](#) .

Birsa N, et al. (2014) Lysine 27 ubiquitination of the mitochondrial transport protein Miro is dependent on serine 65 of the Parkin ubiquitin ligase. The Journal of biological chemistry, 289(21), 14569.