

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

OpLac2

RRID:Addgene_52699

Type: Plasmid

Proper Citation

RRID:Addgene_52699

Plasmid Information

URL: <http://www.addgene.org/52699>

Proper Citation: RRID:Addgene_52699

Insert Name: OpLac2 strain

Bacterial Resistance: None

Defining Citation: [PMID:22605776](https://pubmed.ncbi.nlm.nih.gov/22605776/)

Vector Backbone Description: Vector Backbone:na; Vector Types:; Bacterial Resistance:None

Comments: Oplac2 was designed by a proprietary optimization strategy (developed by DNA 2.0) that incorporated codons for a subset of amino acids read by tRNAs that are the most highly charged during amino acid starvation.

Plasmid Name: OpLac2

Record Creation Time: 20220422T222309+0000

Record Last Update: 20260725T074823+0000

Ratings and Alerts

No rating or validation information has been found for OpLac2.

No alerts have been found for OpLac2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.