

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 14, 2026

## OpLac1

RRID:Addgene\_52697

Type: Plasmid

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### Proper Citation

RRID:Addgene\_52697

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### Plasmid Information

**URL:** <http://www.addgene.org/52697>

**Proper Citation:** RRID:Addgene\_52697

**Insert Name:** OpLac1 strain

**Bacterial Resistance:** None

**Defining Citation:** [PMID:22605776](#)

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

**Comments:** The sequence Oplac1 was synthesized using preferred codons at every position (GENEART), thus optimizing the codon adaptation index.

**Plasmid Name:** OpLac1

**Record Creation Time:** 20220422T222309+0000

**Record Last Update:** 20260808T081815+0000

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### Ratings and Alerts

No rating or validation information has been found for OpLac1.

No alerts have been found for OpLac1.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We have not found any literature mentions for this resource.