

Resource Summary Report

Generated by [kravitz2](#) on Aug 3, 2026

pBAD33-mf-lon

RRID:Addgene_21867

Type: Plasmid

Proper Citation

RRID:Addgene_21867

Plasmid Information

URL: <http://www.addgene.org/21867>

Proper Citation: RRID:Addgene_21867

Insert Name: Lon

Organism: Mesoplasma florum

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:18852454](#)

Vector Backbone Description: Backbone Marker:Beckwith Lab; Backbone Size:5352; Vector Backbone:pBAD33; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Comments: A detailed protocol for purification of mf-lon can be found in the associated paper.

Plasmid Name: pBAD33-mf-lon

Relevant Mutation: all TGA codons changed to TGG codons

Record Creation Time: 20220422T222057+0000

Record Last Update: 20260801T081009+0000

Ratings and Alerts

No rating or validation information has been found for pBAD33-mf-lon.

No alerts have been found for pBAD33-mf-lon.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Szydlo K, et al. (2022) Improving the Robustness of Engineered Bacteria to Nutrient Stress Using Programmed Proteolysis. ACS synthetic biology, 11(3), 1049.

Maier JAH, et al. (2017) Design of synthetic epigenetic circuits featuring memory effects and reversible switching based on DNA methylation. Nature communications, 8, 15336.