

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pRG646_lexO-HO_LexA-TF_LEU2MX

RRID:Addgene_154815

Type: Plasmid

Proper Citation

RRID:Addgene_154815

Plasmid Information

URL: <http://www.addgene.org/154815>

Proper Citation: RRID:Addgene_154815

Insert Name: HO endonuclease

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33053188](#)

Vector Backbone Description: Backbone Marker:Addgene plasmid # 64535; Backbone Size:5193; Vector Backbone:pRG205MX; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: Linearize plasmid with *AscI* for integration into the yeast genome. See Gnuegge et al., 2016 (<https://pubmed.ncbi.nlm.nih.gov/26647923/>) for details.

Plasmid Name: pRG646_lexO-HO_LexA-TF_LEU2MX

Record Creation Time: 20220422T221848+0000

Record Last Update: 20260815T080755+0000

Ratings and Alerts

No rating or validation information has been found for pRG646_lexO-HO_LexA-TF_LEU2MX.

No alerts have been found for pRG646_lexO-HO_LexA-TF_LEU2MX.

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](#) .

Gn??gge R, et al. (2023) Sequence and chromatin features guide DNA double-strand break resection initiation. Molecular cell, 83(8), 1237.