

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

pHL 100

RRID:Addgene_52989

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/52989>

Proper Citation: RRID:Addgene_52989

Insert Name: OxyS sRNA

Organism: E.coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21189298](#)

Vector Backbone Description: Backbone Marker:Lim lab; Vector Backbone:unknown; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: The transcription of each sRNA was controlled by the pLacO-1 promoter, which was induced by adding isopropyl-β-D-thiogalactopyranoside (IPTG) to the media. The part of the target mRNA that is necessary for sRNA regulation was fused to gfp and constitutively transcribed from the pLtetO-1 promoter without TetR in the system. GFP fluorescence provides a quantitative measure of target gene expression and sRNA activity.

Plasmid Name: pHL 100

Record Creation Time: 20220422T222310+0000

Record Last Update: 20260912T092836+0000

Ratings and Alerts

No rating or validation information has been found for pHL 100.

No alerts have been found for pHL 100.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.