

# Resource Summary Report

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

## pCsEchlo

RRID:Addgene\_163949

Type: Plasmid

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### Proper Citation

RRID:Addgene\_163949

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### Plasmid Information

**URL:** <http://www.addgene.org/163949>

**Proper Citation:** RRID:Addgene\_163949

**Insert Name:** lacZ

**Organism:** Other

**Bacterial Resistance:** Spectinomycin

**Defining Citation:** [PMID:32163700](#)

**Vector Backbone Description:** Vector Backbone:pCsA; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

**Plasmid Name:** pCsEchlo

**Record Creation Time:** 20220422T221927+0000

**Record Last Update:** 20260725T074151+0000

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### Ratings and Alerts

No rating or validation information has been found for pCsEchlo.

No alerts have been found for pCsEchlo.

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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.