

Resource Summary Report

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

pSB142 - pL0_ORCA3 (CDS1)

RRID:Addgene_123185

Type: Plasmid

Proper Citation

RRID:Addgene_123185

Plasmid Information

URL: <http://www.addgene.org/123185>

Proper Citation: RRID:Addgene_123185

Insert Name: ORCA3 from Catharanthus roseus

Organism: Catharanthus roseus

Bacterial Resistance: Spectinomycin and Streptomycin

Defining Citation: [PMID:31263474](#)

Vector Backbone Description: Backbone Marker:Weber et al., 2011 (DOI:10.1371/journal.pone.0016765); Backbone Size:2247; Vector Backbone:pICH41308; Vector Types:Plant Expression, part for plant expression; Bacterial Resistance:Spectinomycin and Streptomycin

Comments: Golden Gate (MoClo - Weber et al., 2011), CDS1 position, Octadecanoid-Responsive Catharanthus AP2 (ORCA3, GenBank: EU072424.1); activator of the Catharanthus roseus STR1 promoter

Plasmid Name: pSB142 - pL0_ORCA3 (CDS1)

Relevant Mutation: No Bpil and Bsal sites

Record Creation Time: 20220422T221644+0000

Record Last Update: 20260725T073700+0000

Ratings and Alerts

No rating or validation information has been found for pSB142 - pL0_ORCA3 (CDS1).

No alerts have been found for pSB142 - pL0_ORCA3 (CDS1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.