

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pCS-PesaR-Dlux

RRID:Addgene_47653

Type: Plasmid

Proper Citation

RRID:Addgene_47653

Plasmid Information

URL: <http://www.addgene.org/47653>

Proper Citation: RRID:Addgene_47653

Insert Name: PesaR-D

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23879176](#)

Vector Backbone Description: Backbone Size:9360; Vector Backbone:pCS-PesaRlux; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: PesaR-D (275 bp, indicated as lowercase letters in the partial sequence) was cloned between XhoI and BamHI in the same way as wt PesaR in pCS-PesaRlux. The -35 and -10 sites are uppercase in the partial sequence. Please see Figure S1 (Shong and Collins, ACS Synthetic Biology, 2013) for sequence alignment of PesaR and PesaR-D. See pCS-PesaRlux for full plasmid backbone sequence and plasmid map.

Plasmid Name: pCS-PesaR-Dlux

Relevant Mutation: Added an additional esa box upstream of -35 site in PesaR

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260815T081544+0000

Ratings and Alerts

No rating or validation information has been found for pCS-PesaR-Dlux.

No alerts have been found for pCS-PesaR-Dlux.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.