

Resource Summary Report

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

pET-PesaR-Dlux

RRID:Addgene_47657

Type: Plasmid

Proper Citation

RRID:Addgene_47657

Plasmid Information

URL: <http://www.addgene.org/47657>

Proper Citation: RRID:Addgene_47657

Insert Name: PesaR-D

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23879176](#)

Vector Backbone Description: Backbone Size:8891; Vector Backbone:pET-PesaRlux; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

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 pET-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 pET-PesaRlux for more details and plasmid map.

Plasmid Name: pET-PesaR-Dlux

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

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260815T081543+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.