

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 31, 2026

pAC-EsaR-I70V/D91G

RRID:Addgene_47644

Type: Plasmid

Proper Citation

RRID:Addgene_47644

Plasmid Information

URL: <http://www.addgene.org/47644>

Proper Citation: RRID:Addgene_47644

Insert Name: esaR-I70V/D91G

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:23363022](#)

Vector Backbone Description: Backbone Size:3880; Vector Backbone:pAC-EsaR; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Chloramphenicol

Comments: esaR-I70V/D91G (750 bp, indicated as lowercase letters in the partial sequence) is located between KpnI and BamHI sites in the same way as wt esaR in pAC-EsaR. Please see pAC-EsaR for lac promoter and terminator sequence information and plasmid map.

Plasmid Name: pAC-EsaR-I70V/D91G

Relevant Mutation: Changed Isoleucine 70 to Valine and Aspartic acid 91 to Glycine

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260829T080609+0000

Ratings and Alerts

No rating or validation information has been found for pAC-EsaR-I70V/D91G.

No alerts have been found for pAC-EsaR-I70V/D91G.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.