

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pCl.neo-rPAM1-M314I

RRID:Addgene_145802

Type: Plasmid

Proper Citation

RRID:Addgene_145802

Plasmid Information

URL: <http://www.addgene.org/145802>

Proper Citation: RRID:Addgene_145802

Insert Name: rat PALcc (peptidyl-hydroxyglycine alpha-amidating monooxygenase)

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:7893699](#)

Vector Backbone Description: Backbone Marker:Cornelia Gorman; Backbone Size:5000; Vector Backbone:pCIS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCl.neo-rPAM1-M314I

Relevant Mutation: changed methionine 314 to isoleucine to inactivate monooxygenase activity

Record Creation Time: 20220422T221821+0000

Record Last Update: 20260815T080700+0000

Ratings and Alerts

No rating or validation information has been found for pCl.neo-rPAM1-M314I.

No alerts have been found for pCl.neo-rPAM1-M314I.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.