

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pCEP4-Q842gp160-QES.i04.I181L

RRID:Addgene_111837

Type: Plasmid

Proper Citation

RRID:Addgene_111837

Plasmid Information

URL: <http://www.addgene.org/111837>

Proper Citation: RRID:Addgene_111837

Insert Name: HIV-1 (Q842.d12) Env

Organism: Human immunodeficiency virus 1

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30894475](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:10393; Vector Backbone:pCEP4; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCEP4-Q842gp160-QES.i04.I181L

Relevant Mutation: Codon-optimized synthetic gene; mutations P124D;I181L;F223Y;R557Q;I595M

Record Creation Time: 20220422T221545+0000

Record Last Update: 20260808T080443+0000

Ratings and Alerts

No rating or validation information has been found for pCEP4-Q842gp160-QES.i04.I181L.

No alerts have been found for pCEP4-Q842gp160-QES.i04.I181L.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.