

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pCEP4-BG505.SOSIP-QES.i03.c01-TM

RRID:Addgene_111845

Type: Plasmid

Proper Citation

RRID:Addgene_111845

Plasmid Information

URL: <http://www.addgene.org/111845>

Proper Citation: RRID:Addgene_111845

Insert Name: HIV-1 Env (BG505 SOSIP.664)

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-BG505.SOSIP-QES.i03.c01-TM

Relevant Mutation: Codon-optimized synthetic gene; has SOSIP mutations T332N;A501C;I559P;T605C;6xArg cleavage site; has QES mutations V181L;A200E;F223Y;V255M;I595M

Record Creation Time: 20220422T221545+0000

Record Last Update: 20260725T073513+0000

Ratings and Alerts

No rating or validation information has been found for pCEP4-BG505.SOSIP-QES.i03.c01-TM.

No alerts have been found for pCEP4-BG505.SOSIP-QES.i03.c01-TM.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.