

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

pNeDaKO-Hyg

RRID:Addgene_16414

Type: Plasmid

Proper Citation

RRID:Addgene_16414

Plasmid Information

URL: <http://www.addgene.org/16414>

Proper Citation: RRID:Addgene_16414

Insert Name: PGK-HygR & ZeoR

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:14704360](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:3000; Vector Backbone:pBluescript SK+; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Part of vector system to facilitate and simplify the use of rAAV for creating KOs in human cells. The other vectors for this system, pAAV-MCS, pAAV-RC, and pHelper, can be purchased from Stratagene. The sequence information is the sequence between linkers A and B. See author's map and article for more information. In the author's map, restriction sites for the generation of pNeDaKO fragments used for fusion PCR are shown. A and B refer to linkers A and B; yellow arrows: loxP sites; PGK: phosphoglycerate kinase eukaryotic promoter; Hyg: hygromycin resistance gene; EM 7: EM7 prokaryotic promoter; Zeo: zeomycin resistance gene; Amp: ampicillin resistance gene. Note that though the Hyg-R gene has a point mutation, the Vogelstein lab has used this construct to for Hyg selection extensively.

Plasmid Name: pNeDaKO-Hyg

Record Creation Time: 20220422T221928+0000

Record Last Update: 20260808T081131+0000

Ratings and Alerts

No rating or validation information has been found for pNeDaKO-Hyg.

No alerts have been found for pNeDaKO-Hyg.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.