

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

pNeonGreen-C1-Nir1-LNS2-K820E

RRID:Addgene_248112

Type: Plasmid

Proper Citation

RRID:Addgene_248112

Plasmid Information

URL: <http://www.addgene.org/248112>

Proper Citation: RRID:Addgene_248112

Insert Name: PITPNM3

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:40923975](#)

Vector Backbone Description: Vector Backbone:pNeonGreen-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The Nir1 sequence corresponds to a rare human allele (17-6455609-G-A (GRCh38) in the gnomAD database) with an A885V missense mutation relative to the reference genome. There is no known phenotype associated with mutation of this residue, and it is not predicted to disrupt membrane interactions. The residue is also not conserved between Nir orthologues.

Plasmid Name: pNeonGreen-C1-Nir1-LNS2-K820E

Relevant Mutation: amino acids 631-894. Contains K820E PA binding mutation and natural variant V855A.

Record Creation Time: 20251126T055052+0000

Record Last Update: 20260902T044910+0000

Ratings and Alerts

No rating or validation information has been found for pNeonGreen-C1-Nir1-LNS2-K820E.

No alerts have been found for pNeonGreen-C1-Nir1-LNS2-K820E.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.