

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

[pNIC-CH](#)

RRID:Addgene_26117

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/26117>

Proper Citation: RRID:Addgene_26117

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:SGC Oxford; Backbone Size:7218; Vector Backbone:pNIC-CH; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: pET expression vector with C-terminal His6 tag. Includes sites for LIC cloning, and a “stuffer” fragment that includes the SacB gene, allowing negative selection on 5% sucrose. GenBank accession number: EF199843 Primers for LIC cloning: Add the following 5' extensions to the PCR primers: Upstream: TTAAGAAGGAGATATACTATG (ATG-initiation codon) Downstream: AATGGTGGTGATGATGGTGCGC The purified PCR fragments are treated with T4 DNA polymerase and dGTP, then annealed to the treated vector. See supplemental document for more information.

Plasmid Name: pNIC-CH

Record Creation Time: 20220422T222117+0000

Record Last Update: 20260829T080256+0000

Ratings and Alerts

No rating or validation information has been found for pNIC-CH.

No alerts have been found for pNIC-CH.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Miao X, et al. (2025) Saddle curvature association of nsP1 facilitates the replication complex assembly of Chikungunya virus in cells. *Nature communications*, 16(1), 4282.

Li Y, et al. (2022) CRL2ZER1/ZYG11B recognizes small N-terminal residues for degradation. *Nature communications*, 13(1), 7636.

Ashok Y, et al. (2022) Reconstitution of the DTX3L-PARP9 complex reveals determinants for high-affinity heterodimerization and multimeric assembly. *The Biochemical journal*, 479(3), 289.

Zhang K, et al. (2021) Structural insights into viral RNA capping and plasma membrane targeting by Chikungunya virus nonstructural protein 1. *Cell host & microbe*, 29(5), 757.

Yan X, et al. (2021) Molecular basis for recognition of Gly/N-degrons by CRL2ZYG11B and CRL2ZER1. *Molecular cell*, 81(16), 3262.

McNamara DE, et al. (2019) Direct Activation of Human MLKL by a Select Repertoire of Inositol Phosphate Metabolites. *Cell chemical biology*, 26(6), 863.

Naas AE, et al. (2018) "Candidatus Paraporphyromonas polyenzymogenes" encodes multi-modular cellulases linked to the type IX secretion system. *Microbiome*, 6(1), 44.