

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

pDN77

RRID:Addgene_61347

Type: Plasmid

Proper Citation

RRID:Addgene_61347

Plasmid Information

URL: <http://www.addgene.org/61347>

Proper Citation: RRID:Addgene_61347

Insert Name: mCherry

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25019686](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA3.1(-); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please note that the mammalian selection marker in the vector backbone for this plasmid has not been verified by sequencing.

Plasmid Name: pDN77

Record Creation Time: 20220422T222352+0000

Record Last Update: 20260815T081741+0000

Ratings and Alerts

No rating or validation information has been found for pDN77.

No alerts have been found for pDN77.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Baytshtok V, et al. (2025) Structural basis for a nucleoporin exportin complex between RanBP2, SUMO1-RanGAP1, the E2 Ubc9, Crm1 and the Ran GTPase. Nature communications, 16(1), 6403.

Baytshtok V, et al. (2024) Structural basis for a nucleoporin exportin complex between RanBP2, SUMO1-RanGAP1, the E2 Ubc9, Crm1 and the Ran GTPase. bioRxiv : the preprint server for biology.

Scott KL, et al. (2023) Nucleocytoplasmic transport rates are regulated by cellular processes that modulate GTP availability. bioRxiv : the preprint server for biology.

Yoo TY, et al. (2021) O-GlcNAc modification of nuclear pore complexes accelerates bidirectional transport. The Journal of cell biology, 220(7).