

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

mVenus-N1

RRID:Addgene_54640

Type: Plasmid

Proper Citation

RRID:Addgene_54640

Plasmid Information

URL: <http://www.addgene.org/54640>

Proper Citation: RRID:Addgene_54640

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:11753368](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mVenus-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 515; Emission = 528

Plasmid Name: mVenus-N1

Record Creation Time: 20220422T222320+0000

Record Last Update: 20260815T081642+0000

Ratings and Alerts

No rating or validation information has been found for mVenus-N1.

No alerts have been found for mVenus-N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Zhou Q, et al. (2026) Dynamic structures of dengue virus serotype 2 secreted NS1 and their interactions with heparan sulfate. *Nature communications*, 17(1).

Roberts BS, et al. (2024) The p24-family and COPII subunit SEC24C facilitate the clearance of alpha1-antitrypsin Z from the endoplasmic reticulum to lysosomes. *Molecular biology of the cell*, 35(3), ar45.

McCray BA, et al. (2021) Neuropathy-causing TRPV4 mutations disrupt TRPV4-RhoA interactions and impair neurite extension. *Nature communications*, 12(1), 1444.

Slosky LM, et al. (2020) ??-Arrestin-Biased Allosteric Modulator of NTSR1 Selectively Attenuates Addictive Behaviors. *Cell*, 181(6), 1364.

Pack TF, et al. (2018) The dopamine D2 receptor can directly recruit and activate GRK2 without G protein activation. *The Journal of biological chemistry*, 293(16), 6161.

Robeson AC, et al. (2018) Dimer-specific immunoprecipitation of active caspase-2 identifies TRAF proteins as novel activators. *The EMBO journal*, 37(14).

Wintgens JP, et al. (2017) Characterizing Dynamic Protein-Protein Interactions Using the Genetically Encoded Split Biosensor Assay Technique Split TEV. *Methods in molecular biology* (Clifton, N.J.), 1596, 219.

Booth MJ, et al. (2016) Light-activated communication in synthetic tissues. *Science advances*, 2(4), e1600056.