

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

[pcDNA3-mNeptune2.5](#)

RRID:Addgene_51310

Type: Plasmid

Proper Citation

RRID:Addgene_51310

Plasmid Information

URL: <http://www.addgene.org/51310>

Proper Citation: RRID:Addgene_51310

Insert Name: mNeptune2.5

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24633408](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5425; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-mNeptune2.5

Record Creation Time: 20220422T222302+0000

Record Last Update: 20260815T081615+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-mNeptune2.5.

No alerts have been found for pcDNA3-mNeptune2.5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Phillips ML, et al. (2026) Functional imaging of nine distinct neuronal populations under a miniscope in freely behaving animals. eLife, 15.

Li H, et al. (2025) Clonal dynamics shaped by diverse drug-tolerant persister states in melanoma resistance. bioRxiv : the preprint server for biology.

Yang JM, et al. (2021) Deciphering cell signaling networks with massively multiplexed biosensor barcoding. Cell, 184(25), 6193.

Aghayeva U, et al. (2020) A panel of fluorophore-tagged daf-16 alleles. microPublication biology, 2020.

Wood NE, et al. (2020) Nutrient Signaling, Stress Response, and Inter-organelle Communication Are Non-canonical Determinants of Cell Fate. Cell reports, 33(9), 108446.