

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

mOrange2-N1

RRID:Addgene_54568

Type: Plasmid

Proper Citation

RRID:Addgene_54568

Plasmid Information

URL: <http://www.addgene.org/54568>

Proper Citation: RRID:Addgene_54568

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18454154](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mOrange2-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 549; Emission = 565

Plasmid Name: mOrange2-N1

Record Creation Time: 20220422T222319+0000

Record Last Update: 20260815T081641+0000

Ratings and Alerts

No rating or validation information has been found for mOrange2-N1.

No alerts have been found for mOrange2-N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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

Harper CB, et al. (2017) Altered synaptobrevin-II trafficking in neurons expressing a synaptophysin mutation associated with a severe neurodevelopmental disorder. Neurobiology of disease, 108, 298.