

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

Emerald-N1

RRID:Addgene_54588

Type: Plasmid

Proper Citation

RRID:Addgene_54588

Plasmid Information

URL: <http://www.addgene.org/54588>

Proper Citation: RRID:Addgene_54588

Bacterial Resistance: Kanamycin

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

Comments: wtGFP + F64L; S65T; S72A; N149K; M153T; I167T. Excitation = 487;
Emission = 509

Plasmid Name: Emerald-N1

Record Creation Time: 20220422T222319+0000

Record Last Update: 20260815T081641+0000

Ratings and Alerts

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

No alerts have been found for Emerald-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](#) .

Chua MD, et al. (2023) Ube2N is present and functions within listeria Actin-rich structures and lamellipodia: A localization and pharmacological inhibition study. Anatomical record (Hoboken, N.J. : 2007), 306(5), 1140.

Kim YT, et al. (2022) 21 Fluorescent Protein-Based DNA Staining Dyes. Molecules (Basel, Switzerland), 27(16).