

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

mEmerald-H3.3-N-14

RRID:Addgene_54116

Type: Plasmid

Proper Citation

RRID:Addgene_54116

Plasmid Information

URL: <http://www.addgene.org/54116>

Proper Citation: RRID:Addgene_54116

Insert Name: H3.3

Organism: Mus musculus

Bacterial Resistance: Kanamycin

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

Comments: . Excitation = 487; Emission = 509. Localization data: Nucleus/Histones

Plasmid Name: mEmerald-H3.3-N-14

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260808T081826+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-H3.3-N-14.

No alerts have been found for mEmerald-H3.3-N-14.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Roberts APE, et al. (2025) Daxx mediated histone H3.3 deposition on HSV-1 DNA restricts genome decompaction and the progression of immediate-early transcription. PLoS pathogens, 21(8), e1012501.

Roberts APE, et al. (2024) Daxx mediated histone H3.3 deposition on HSV-1 DNA restricts genome decompaction and the progression of immediate-early transcription. bioRxiv : the preprint server for biology.

Day CA, et al. (2024) The histone H3.3 K27M mutation suppresses Ser31phosphorylation and mitotic fidelity, which can directly drive gliomagenesis. Current biology : CB.