

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

mEmerald-H3-23

RRID:Addgene_54115

Type: Plasmid

Proper Citation

RRID:Addgene_54115

Plasmid Information

URL: <http://www.addgene.org/54115>

Proper Citation: RRID:Addgene_54115

Insert Name: H3

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

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

Comments: Human Histone H3. Excitation = 487; Emission = 509. Localization data:
Nucleus/Histones

Plasmid Name: mEmerald-H3-23

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260902T045705+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-H3-23.

No alerts have been found for mEmerald-H3-23.

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 [NIF](#) .

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.

Poleshko A, et al. (2019) H3K9me2 orchestrates inheritance of spatial positioning of peripheral heterochromatin through mitosis. eLife, 8.